

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112954.D
 Acq On : 11 Mar 2019 14:57
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:28:32 PM

Quant Time: Mar 12 04:47:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	228013	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	921723	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	459609	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	923542	20.00	ng	0.00
76) Chrysene-d12	13.87	240	647418	20.00	ng	0.00
87) Perylene-d12	15.27	264	533488	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1037525	70.78	ng	0.00
7) Phenol-d6	6.37	99	1365955	74.18	ng	0.00
23) Nitrobenzene-d5	7.30	82	1267313	82.27	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	442939	90.78	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2185364	76.80	ng	0.00
79) Terphenyl-d14	12.83	244	2379620	71.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	252348	34.344	ng	97
3) Pyridine	3.13	79	653864	33.263	ng	98
4) n-Nitrosodimethylamine	3.07	42	296433	34.473	ng	95
6) Aniline	6.40	93	900004	35.510	ng	99
8) 2-Chlorophenol	6.52	128	624959	38.301	ng	96
9) Benzaldehyde	6.28	77	440120	33.173	ng	100
10) Phenol	6.39	94	778293	36.222	ng	# 73
11) bis(2-Chloroethyl)ether	6.47	93	608997	36.927	ng	95
12) 1,3-Dichlorobenzene	6.67	146	661352	39.236	ng	98
13) 1,4-Dichlorobenzene	6.75	146	665817	39.388	ng	98
14) 1,2-Dichlorobenzene	6.91	146	606402	39.132	ng	98
15) Benzyl Alcohol	6.88	79	534727	38.085	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	991677	36.031	ng	96
17) 2-Methylphenol	7.00	107	508753	38.433	ng	97
18) Hexachloroethane	7.25	117	248196	38.330	ng	91
19) n-Nitroso-di-n-propylamine	7.16	70	427823	36.686	ng	98
20) 3+4-Methylphenols	7.15	107	574691	38.455	ng	95
22) Acetophenone	7.15	105	854957	39.669	ng	96
24) Nitrobenzene	7.32	77	681597	39.757	ng	99
25) Isophorone	7.56	82	1254184	37.794	ng	98
26) 2-Nitrophenol	7.63	139	353900	49.588	ng	99
27) 2,4-Dimethylphenol	7.67	122	502102	37.817	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	788703	38.014	ng	99
29) 2,4-Dichlorophenol	7.88	162	533920	41.467	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	565733	40.892	ng	98
31) Naphthalene	8.04	128	1755805	38.369	ng	100
32) Benzoic acid	7.81	122	345905	37.171	ng	90
33) 4-Chloroaniline	8.09	127	764950	39.466	ng	98
34) Hexachlorobutadiene	8.16	225	339673	43.535	ng	98
35) Caprolactam	8.47	113	185617m	40.931	ng	
36) 4-Chloro-3-methylphenol	8.57	107	567734	39.843	ng	98
37) 2-Methylnaphthalene	8.73	142	1174196	39.733	ng	100
38) 1-Methylnaphthalene	8.83	142	1117854	39.049	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	546715	40.791	ng	98

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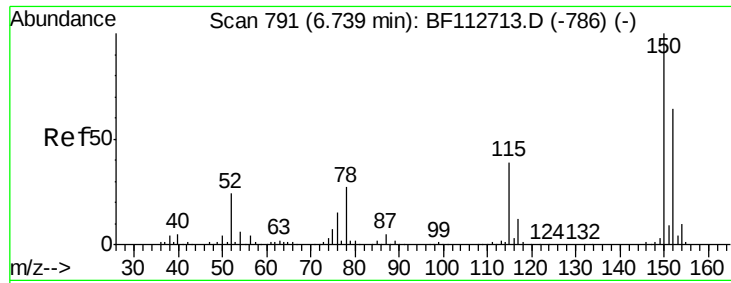
Manual Integrations
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 3/12/2019 4:28:32 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	293866	40.040	nq	97
43) 2,4,6-Trichlorophenol	9.01	196	379615	41.155	nq	98
44) 2,4,5-Trichlorophenol	9.05	196	416138	41.738	nq	98
46) 1,1'-Biphenyl	9.19	154	1438178	38.363	nq	99
47) 2-Chloronaphthalene	9.22	162	1123690	38.388	nq	100
48) 2-Nitroaniline	9.31	65	382144	42.950	nq	97
49) Acenaphthylene	9.63	152	1842731	37.081	nq	99
50) Dimethylphthalate	9.50	163	1346946	39.745	nq	99
51) 2,6-Dinitrotoluene	9.56	165	311942	44.202	nq	# 76
52) Acenaphthene	9.80	154	1044766	35.951	nq	99
53) 3-Nitroaniline	9.72	138	358069	41.640	nq	97
54) 2,4-Dinitrophenol	9.83	184	150377	54.345	nq	97
55) Dibenzofuran	9.97	168	1555543	36.829	nq	97
56) 4-Nitrophenol	9.89	139	288281	41.249	nq	92
57) 2,4-Dinitrotoluene	9.96	165	402362	45.868	nq	89
58) Fluorene	10.32	166	1149919	38.359	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	358087	43.109	nq	94
60) Diethylphthalate	10.19	149	1309295	36.580	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	567356	40.678	nq	97
62) 4-Nitroaniline	10.33	138	356992	44.927	nq	95
63) Azobenzene	10.47	77	1271926	34.694	nq	94
65) 4,6-Dinitro-2-methylphenol	10.37	198	185098	48.703	nq	# 71
66) n-Nitrosodiphenylamine	10.43	169	1087773	36.726	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	394900	40.596	nq	97
68) Hexachlorobenzene	10.86	284	455823	41.569	nq	94
69) Atrazine	10.96	200	362965	40.012	nq	96
70) Pentachlorophenol	11.06	266	283955	43.996	nq	98
71) Phenanthrene	11.27	178	1769015	38.499	nq	100
72) Anthracene	11.32	178	1794886	37.316	nq	100
73) Carbazole	11.47	167	1742467	37.136	nq	99
74) Di-n-butylphthalate	11.81	149	2040511	36.268	nq	99
75) Fluoranthene	12.45	202	1906220	38.721	nq	98
77) Benzidine	12.57	184	1100832	32.773	nq	100
78) Pyrene	12.68	202	1952325	35.771	nq	99
80) Butylbenzylphthalate	13.30	149	874233	36.288	nq	95
81) Benzo(a)anthracene	13.86	228	1507081	33.587	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	636425	37.503	nq	# 98
83) Chrysene	13.90	228	1545486	35.163	nq	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	964407	34.129	nq	98
85) Di-n-octyl phthalate	14.47	149	1707008	35.180	nq	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	1256420	33.531	nq	95
88) Benzo(b)fluoranthene	14.87	252	1417841	41.088	nq	98
89) Benzo(k)fluoranthene	14.90	252	1144168	36.605	nq	99
90) Benzo(a)pyrene	15.22	252	1165359	38.180	nq	98
91) Dibenzo(a,h)anthracene	16.65	278	1021622	39.225	nq	97
92) Benzo(g,h,i)perylene	17.04	276	1047272	40.044	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

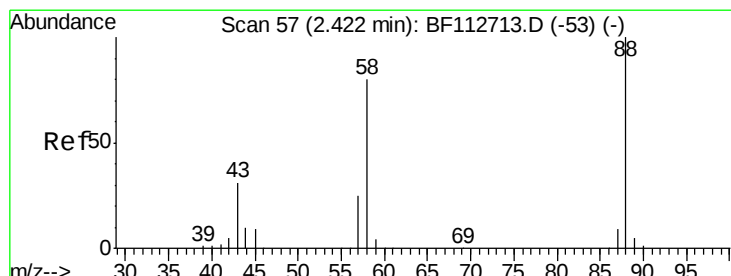
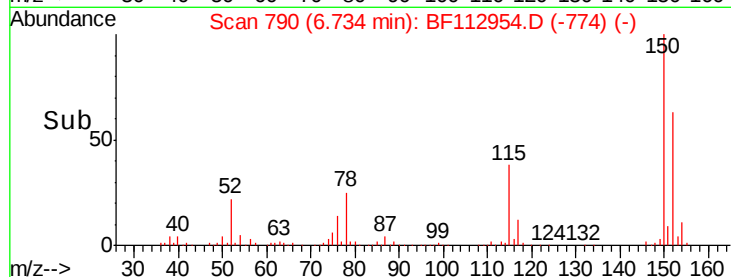
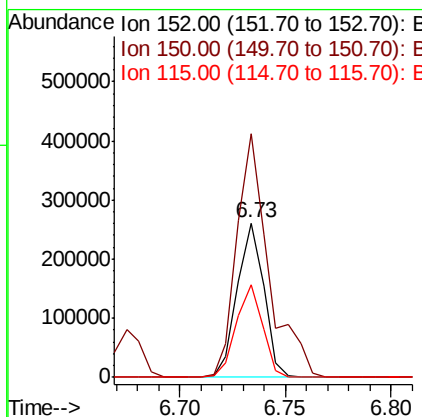
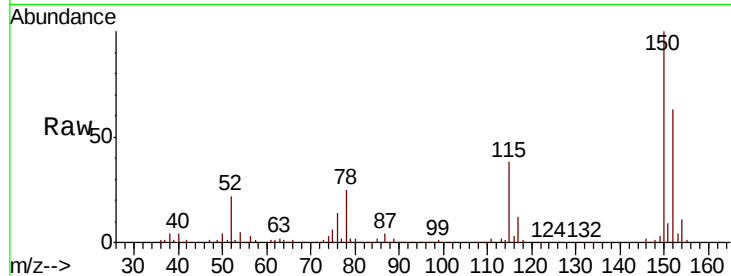
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.2	186.2
115	59.9	48.2	72.4

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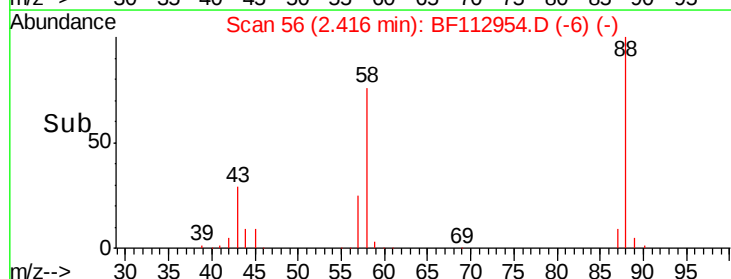
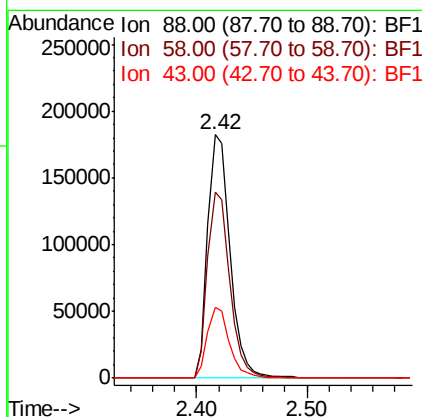
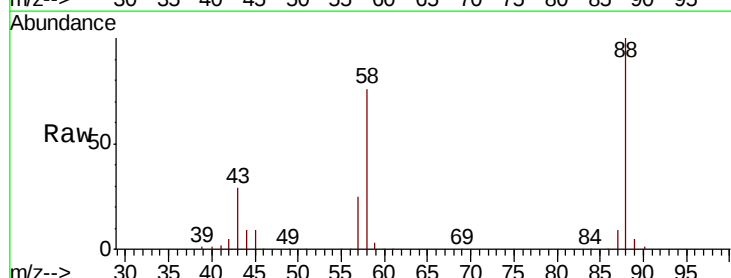
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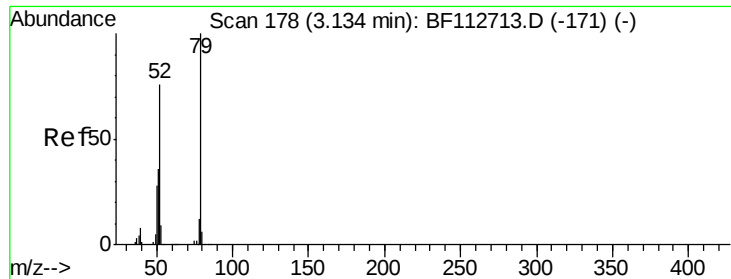


#2

1,4-Dioxane
Concen: 34.344 ng
RT: 2.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.6	63.1	94.7
43	29.2	24.3	36.5





#3

Pvridine

Concen: 33.263 ng

RT: 3.13 min Scan# 177

Delta R.T. -0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

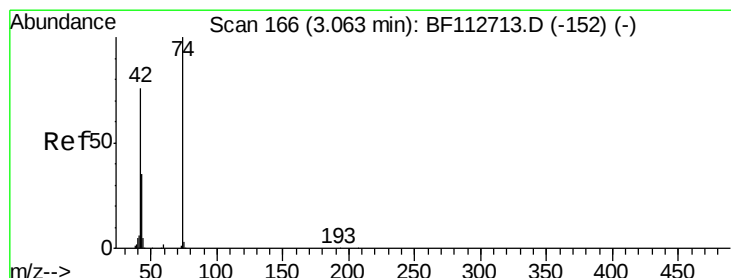
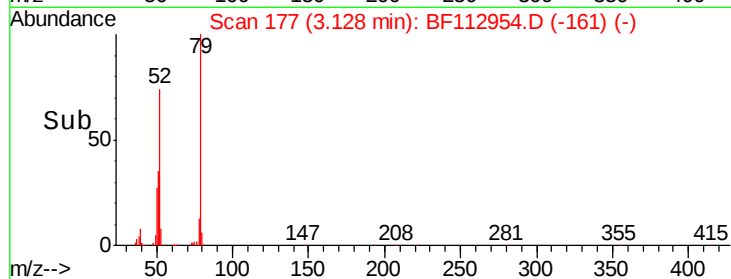
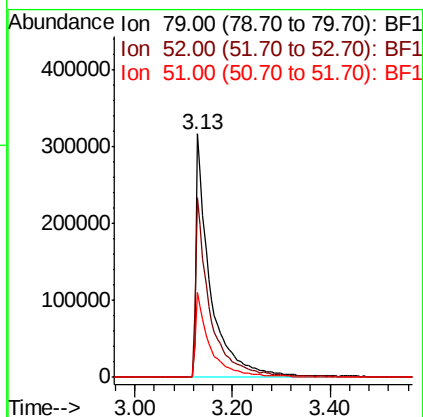
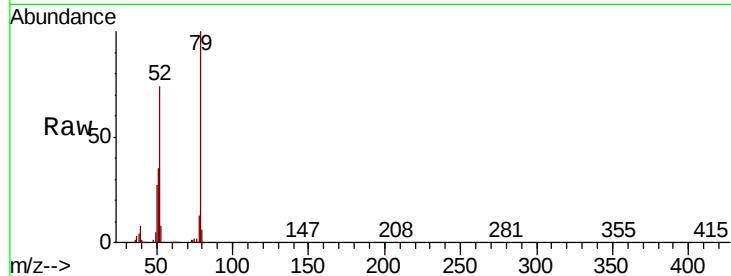
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	653864
Ion Ratio	Lower	Upper	
79	100		
52	73.9	60.5	90.7
51	35.0	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 34.473 ng

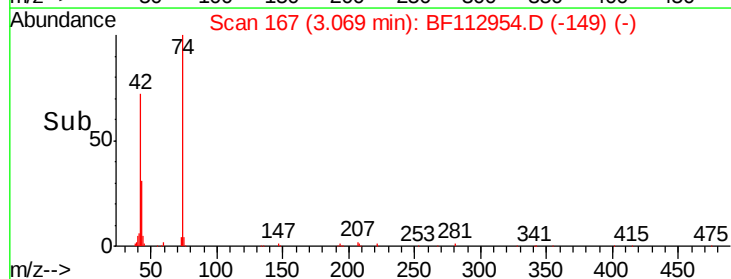
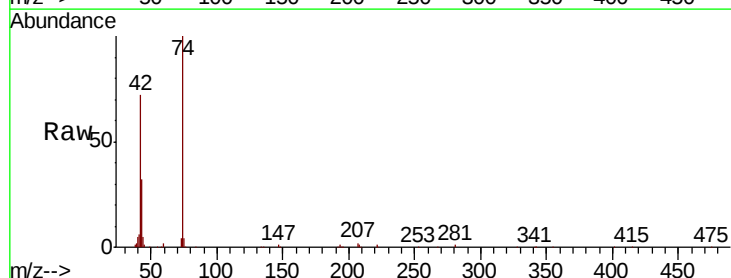
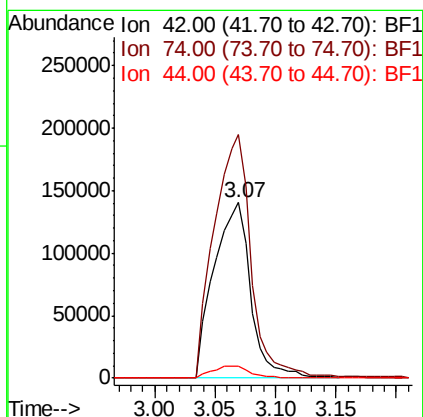
RT: 3.07 min Scan# 167

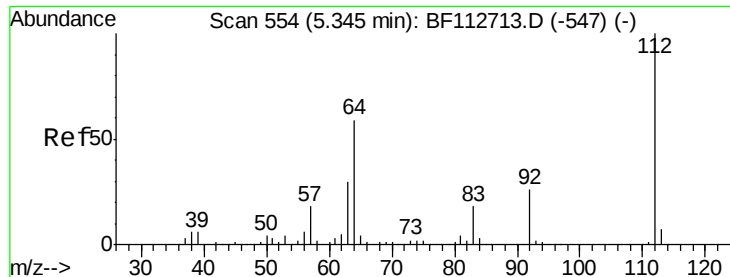
Delta R.T. 0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Tgt Ion:	42	Resp:	296433
Ion Ratio	Lower	Upper	
42	100		
74	138.6	105.8	158.8
44	7.0	6.2	9.2





#5

2-Fluorophenol

Concen: 70.782 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

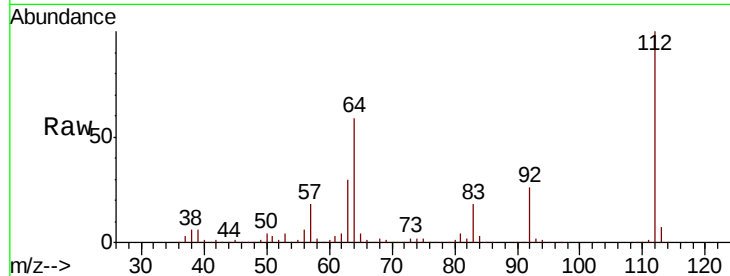
ClientSampled :

SSTDCCC040

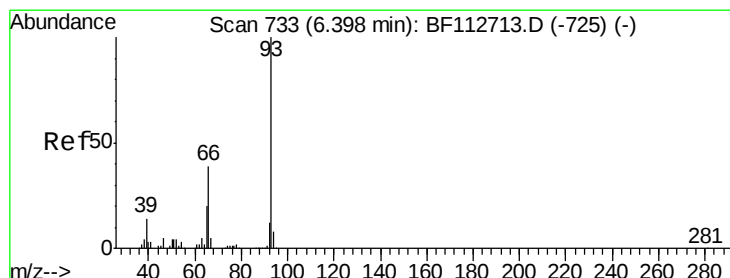
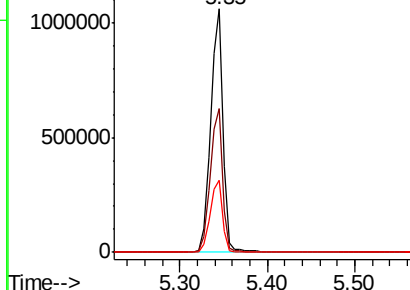
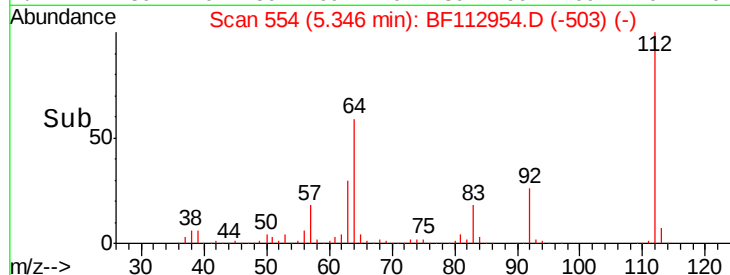
Tot Ion:	112	Resp:	1037525
Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.6	71.4
63	29.9	24.4	36.6

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.510 ng

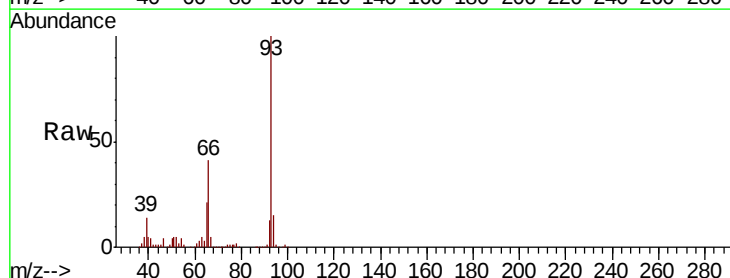
RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

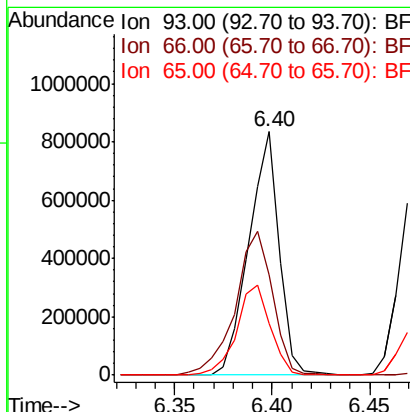
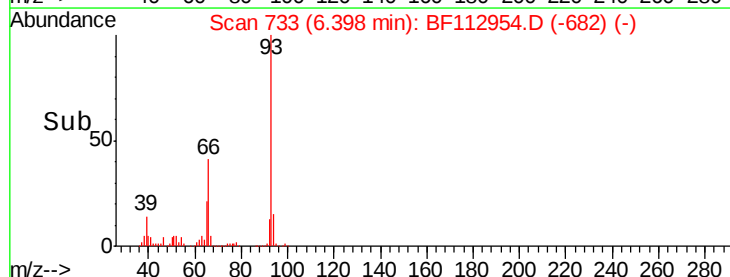
Lab File: BF112954.D

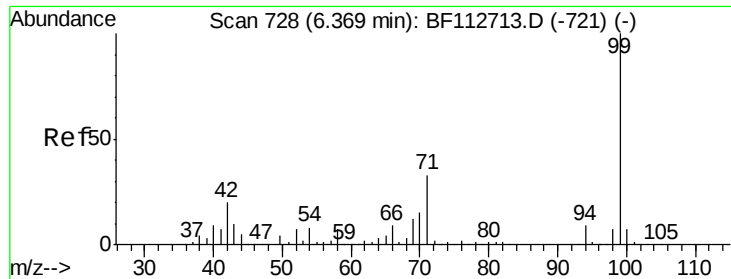
Acq: 11 Mar 2019 14:57

Tgt Ion:	93	Resp:	900004
Ion	Ratio	Lower	Upper
93	100		
66	40.9	32.2	48.2
65	21.0	16.2	24.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.184 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1365955

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

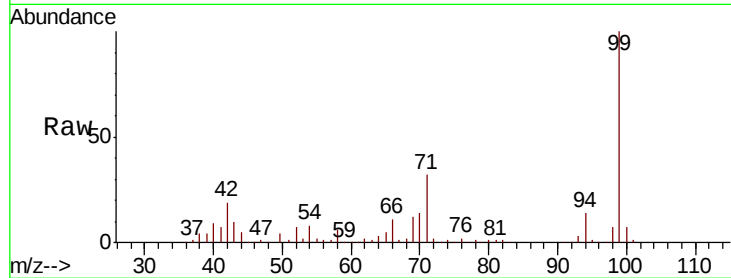
71 31.7 26.2 39.4

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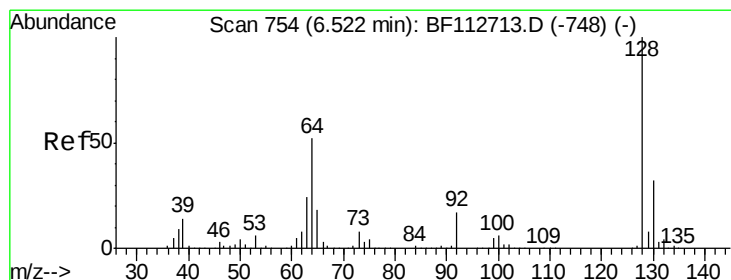
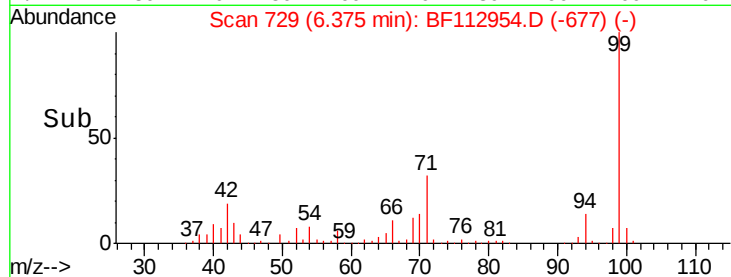
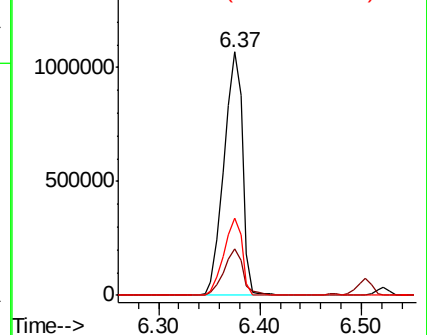
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.301 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

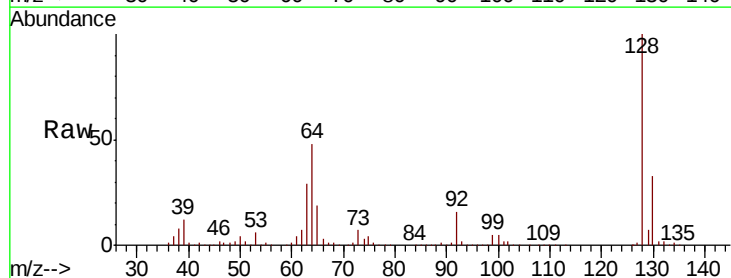
Tgt Ion:128 Resp: 624959

Ion Ratio Lower Upper

128 100

130 33.3 12.4 52.4

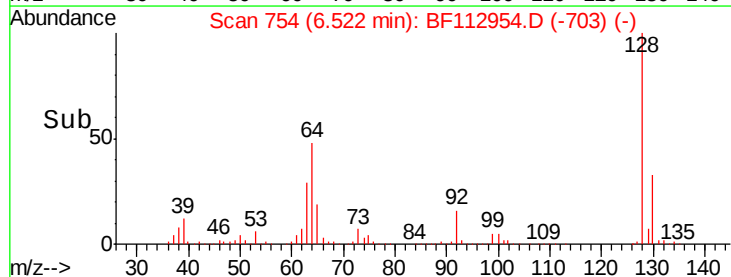
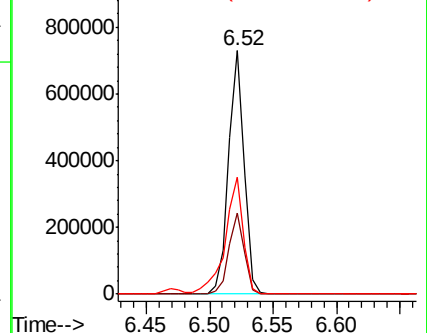
64 47.8 32.2 72.2

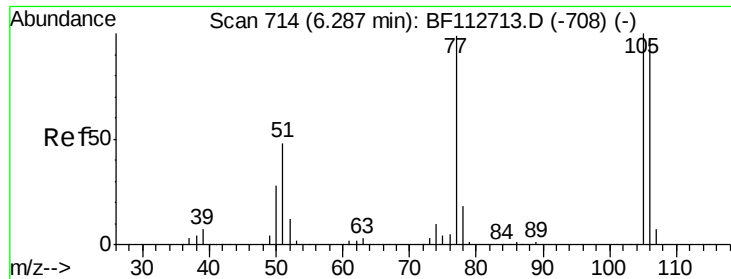


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.173 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

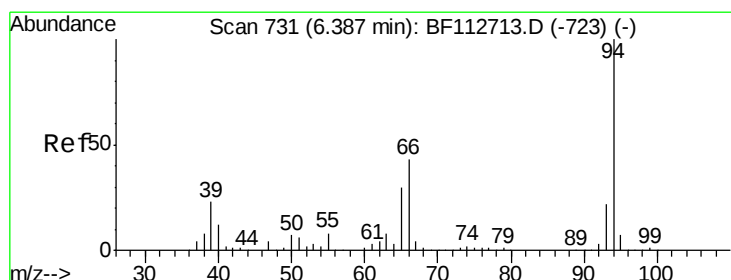
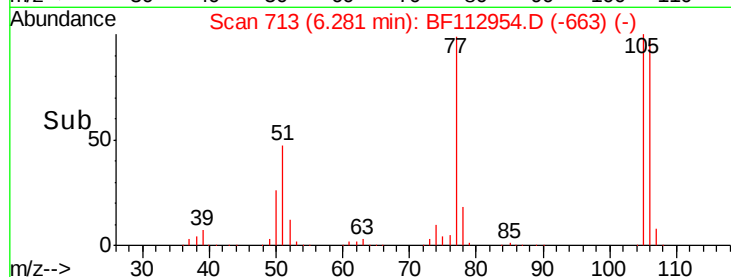
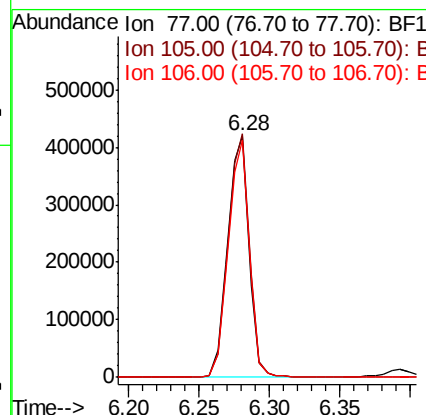
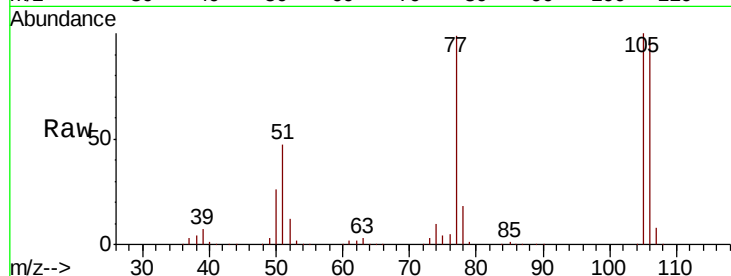
ClientSampleID :

SSTDCCC040

Tot Ion:	77	Resp:	440120
Ion	Ratio	Lower	Upper
77	100		
105	100.8	81.4	121.4
106	98.3	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 36.222 ng

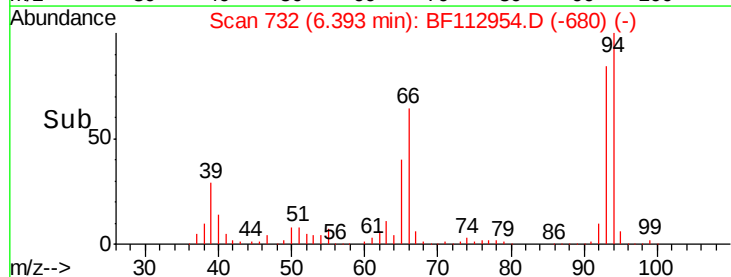
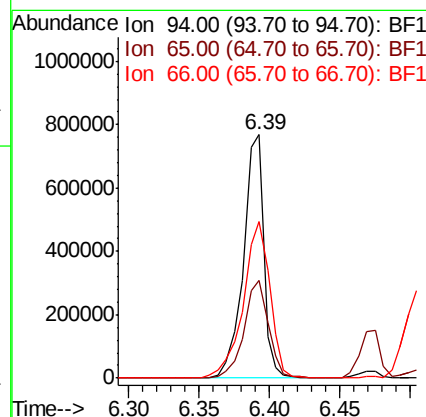
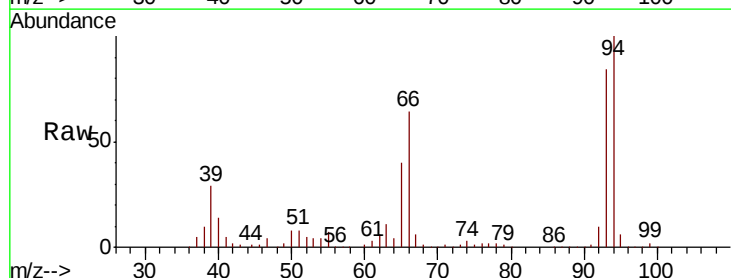
RT: 6.39 min Scan# 732

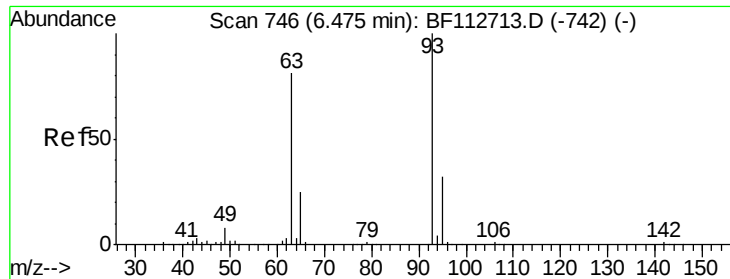
Delta R.T. 0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Tgt Ion:	94	Resp:	778293
Ion	Ratio	Lower	Upper
94	100		
65	40.0	10.5	50.5
66	64.3	22.6	62.6#





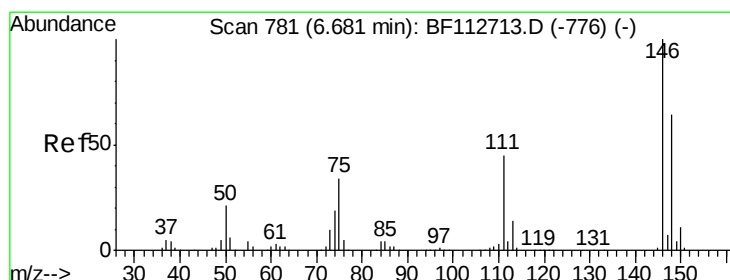
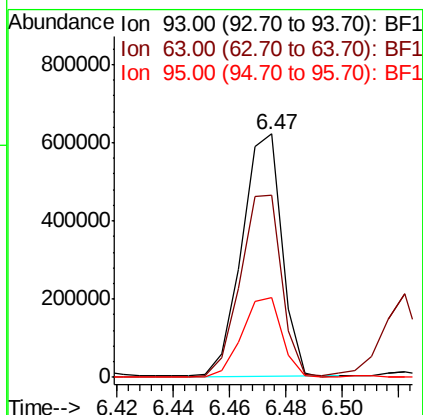
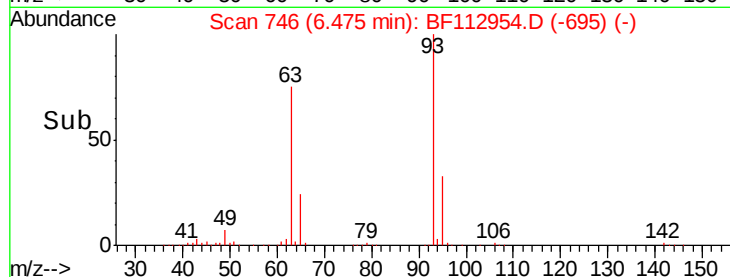
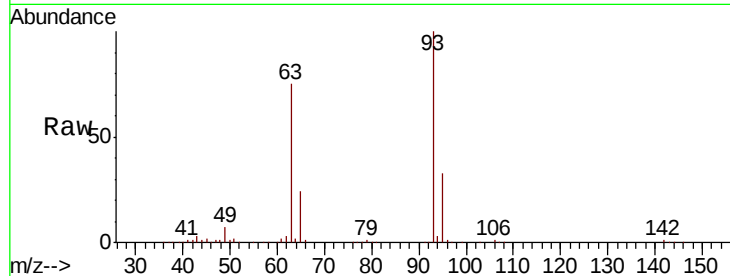
#11
bis(2-Chloroethyl)ether
Concen: 36.927 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.9	60.5	100.5
95	32.8	12.1	52.1

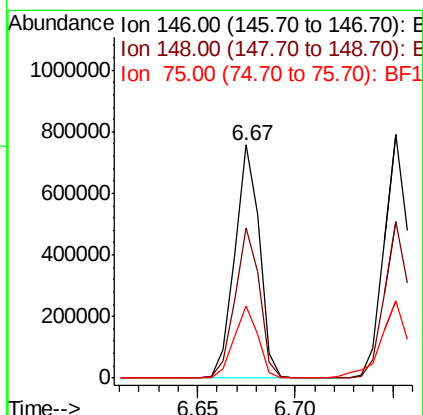
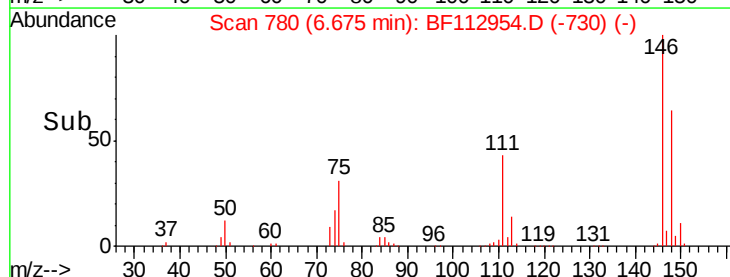
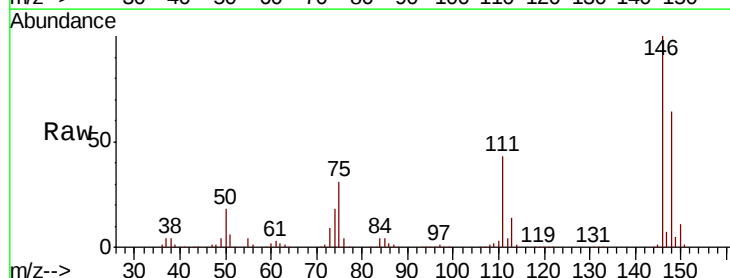
Manual Integrations
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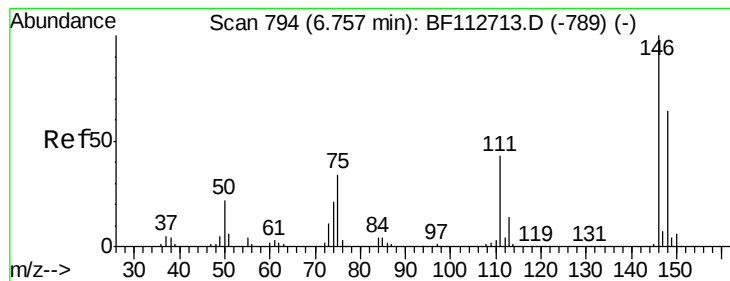
Sohil
3/12/2019 4:28:32 PM



#12
1,3-Dichlorobenzene
Concen: 39.236 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
75	31.2	26.9	40.3





#13

1,4-Dichlorobenzene

Concen: 39.388 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

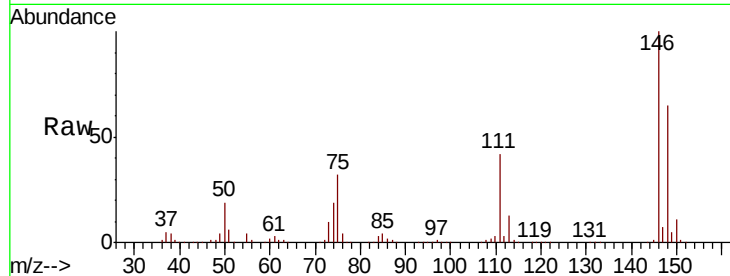
ClientSampled :

SSTDCCC040

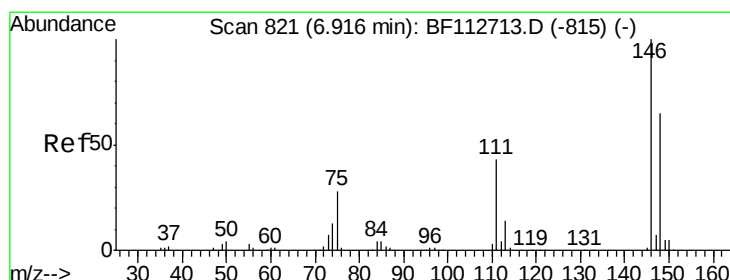
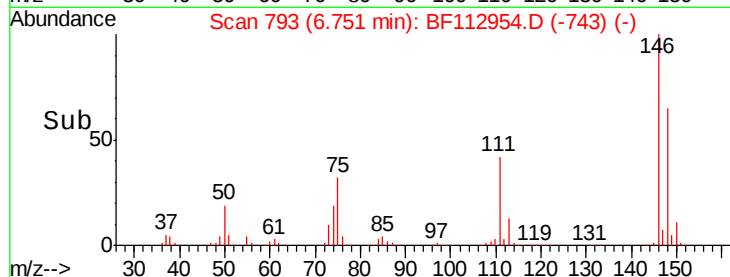
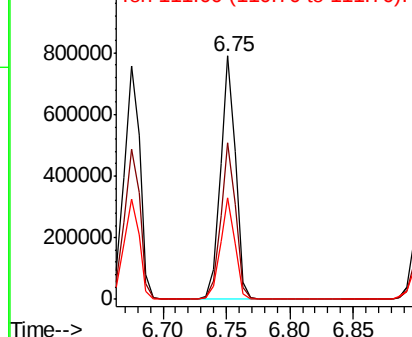
Tot Ion:	146	Resp:	665817
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.4
111	41.7	34.5	51.7

Manual Integrations
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3/12/2019 4:28:32 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.132 ng

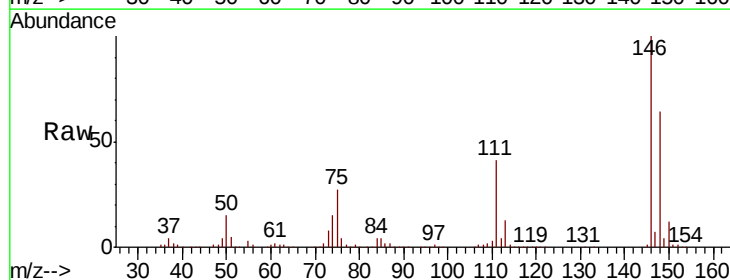
RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

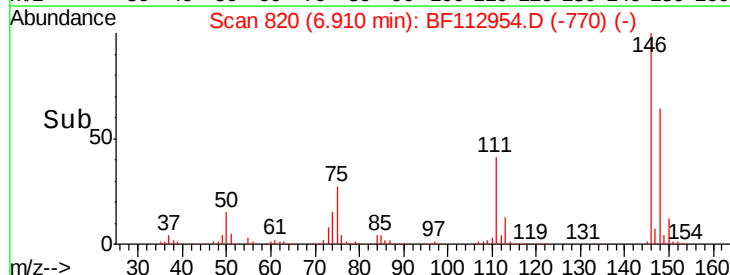
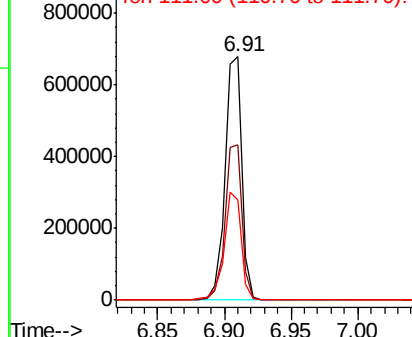
Lab File: BF112954.D

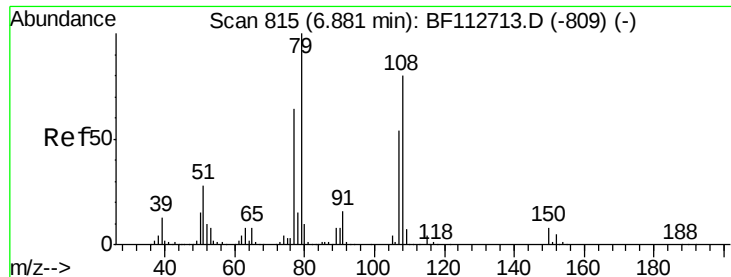
Acq: 11 Mar 2019 14:57

Tgt Ion:	146	Resp:	606402
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.0	78.0
111	41.2	34.8	52.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





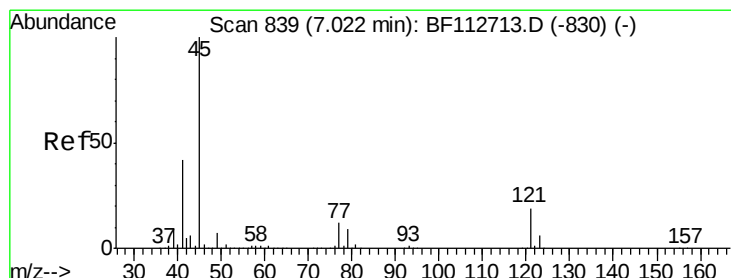
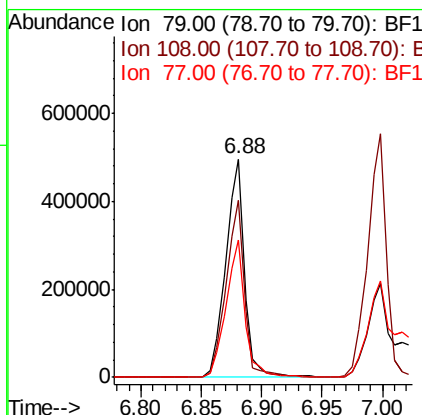
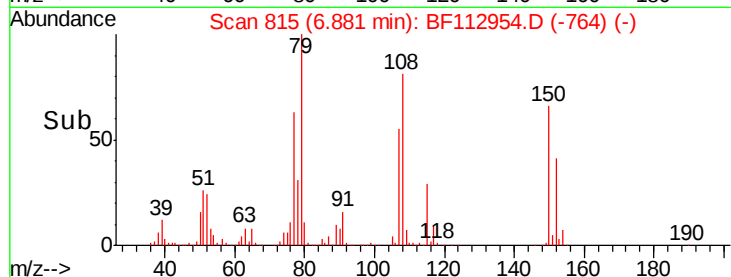
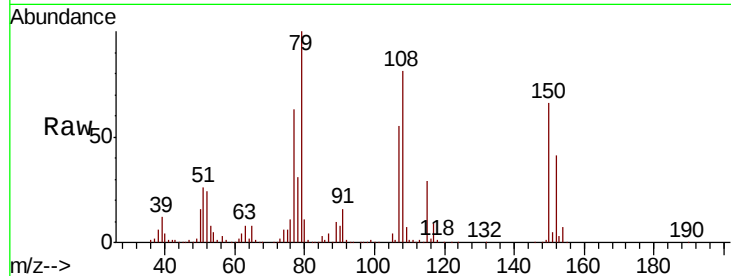
#15
Benzyl Alcohol
Concen: 38.085 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	64.2	96.4
77	63.1	51.1	76.7

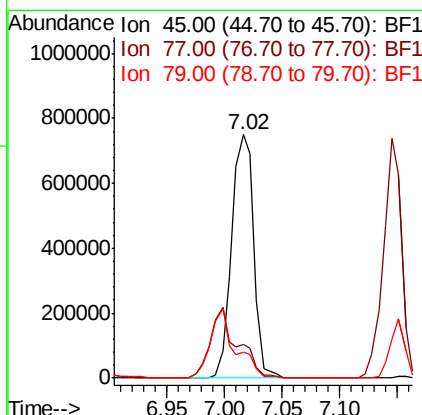
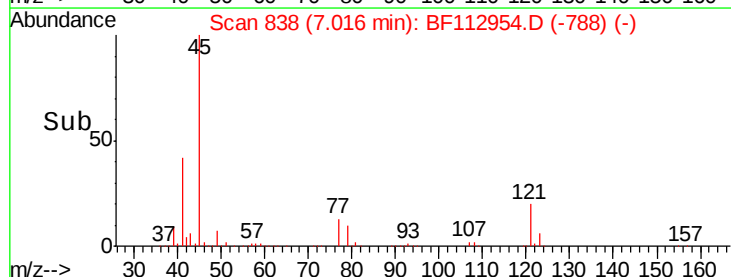
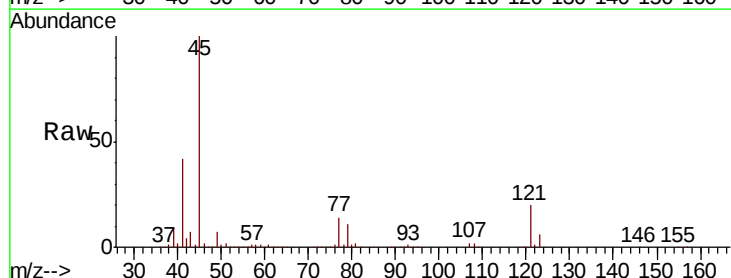
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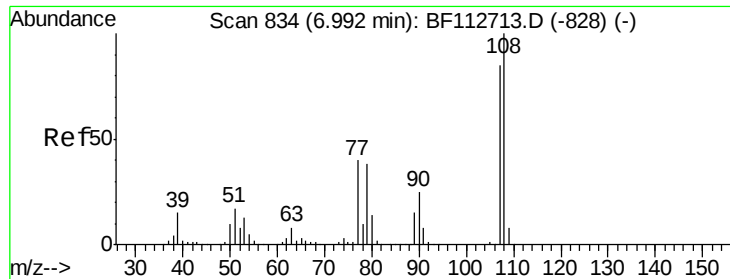
Sohil
3/12/2019 4:28:32 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.031 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	32.1
79	10.6	0.0	29.4





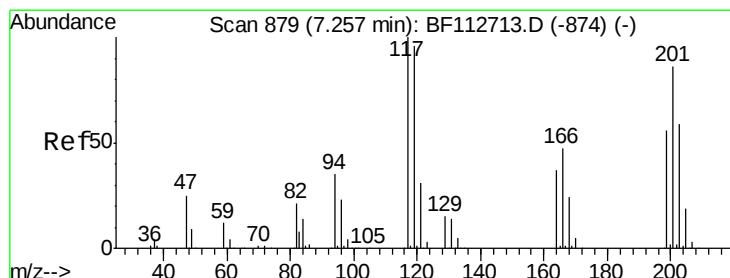
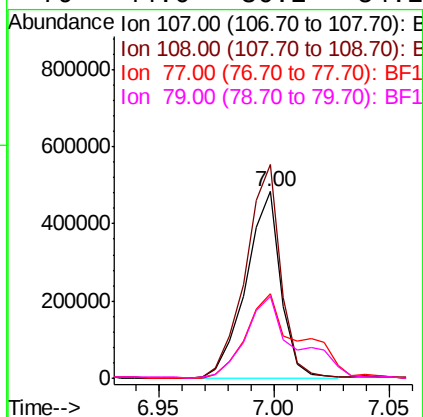
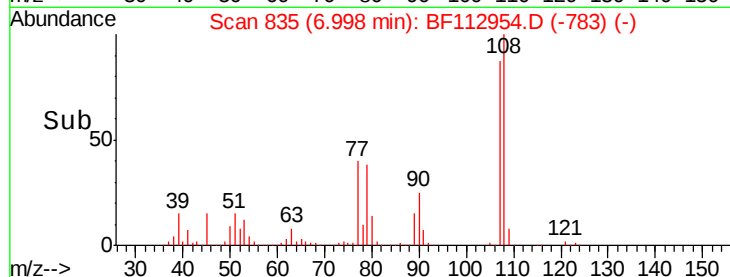
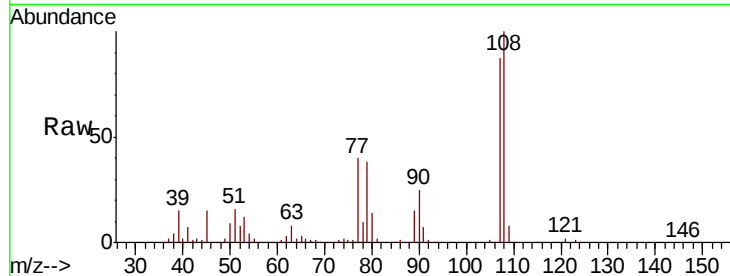
#17
2-Methylphenol
Concen: 38.433 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	508753
Ion Ratio	Lower	Upper	
107	100		
108	114.6	94.6	142.0
77	45.4	37.8	56.8
79	44.0	36.2	54.2

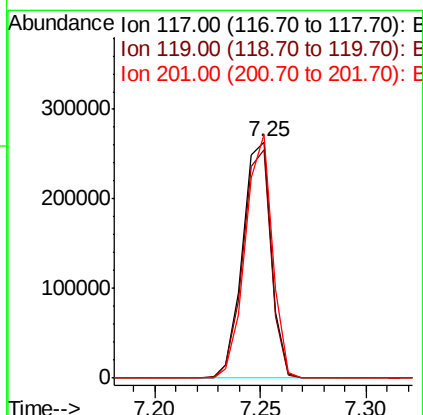
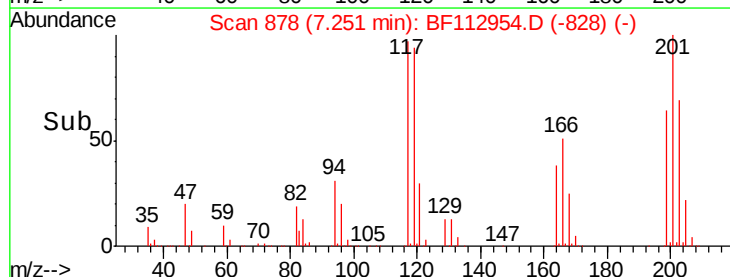
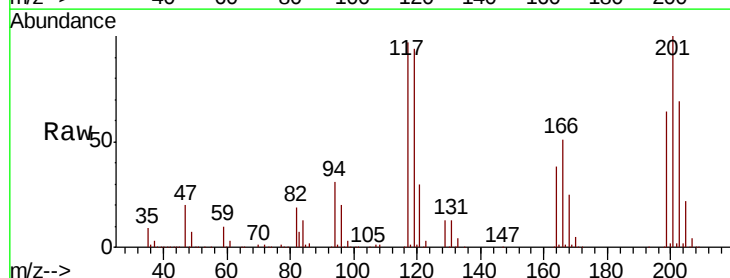
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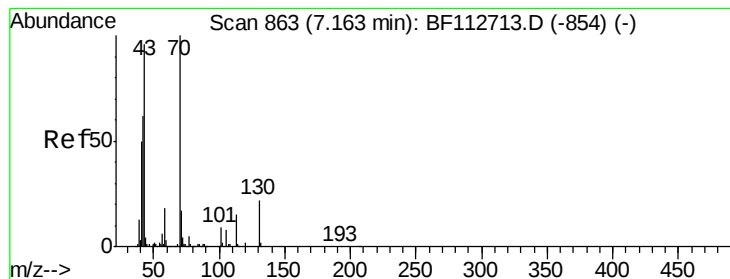
Sohil
3/12/2019 4:28:32 PM



#18
Hexachloroethane
Concen: 38.330 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion:	117	Resp:	248196
Ion Ratio	Lower	Upper	
117	100		
119	96.6	76.6	115.0
201	103.1	68.9	103.3





#19

n-Nitroso-di-n-propylamine

Concen: 36.686 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 427823

Ion Ratio Lower Upper

70 100

42 60.0 49.9 74.9

101 9.3 7.4 11.2

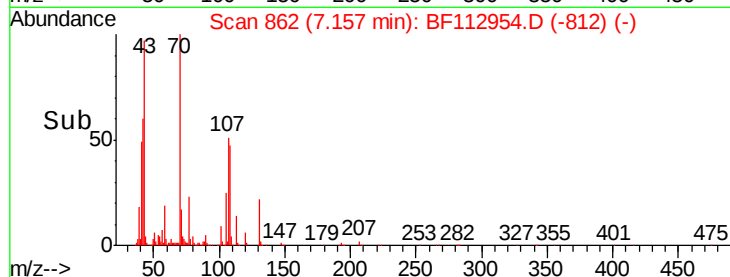
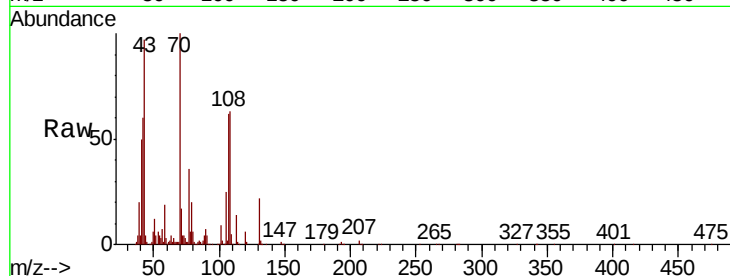
130 21.5 17.4 26.2

Manual Integrations

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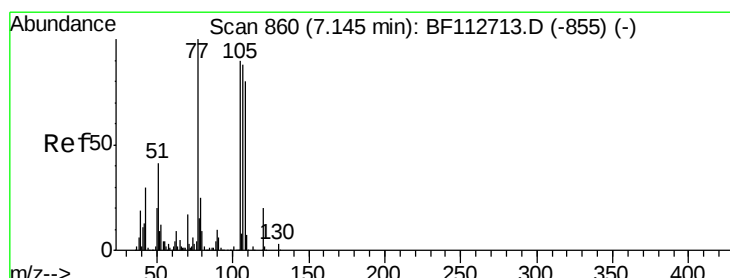
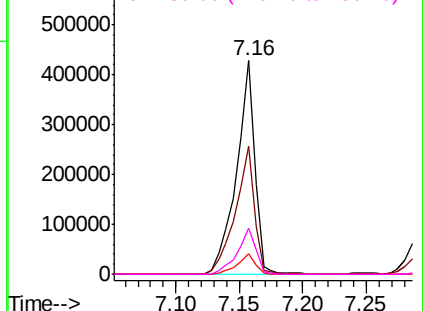
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.455 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Tgt Ion: 107 Resp: 574691

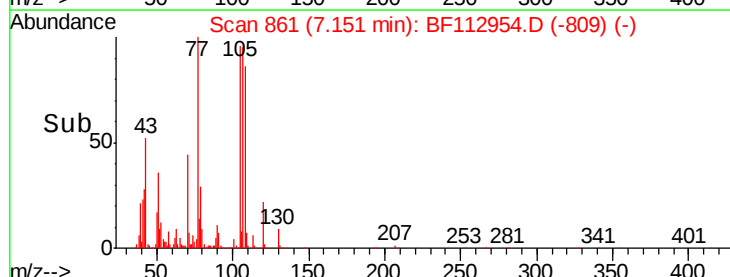
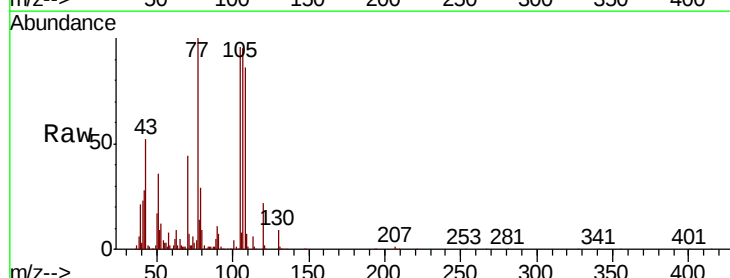
Ion Ratio Lower Upper

107 100

108 90.7 71.4 111.4

77 104.9 94.1 134.1

79 30.5 8.6 48.6



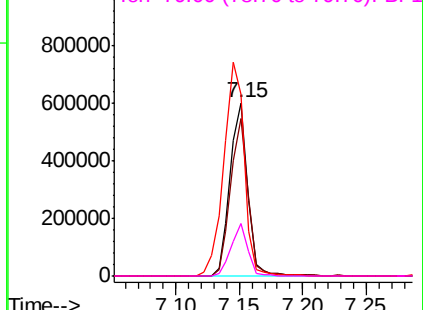
Abundance

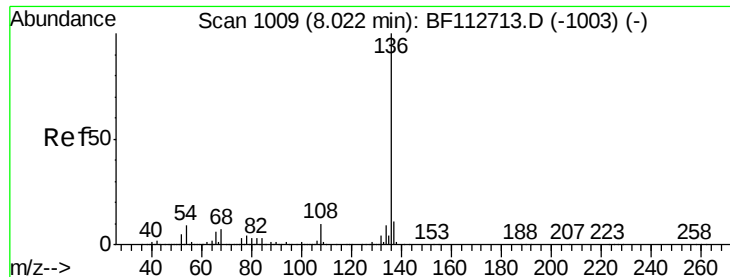
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





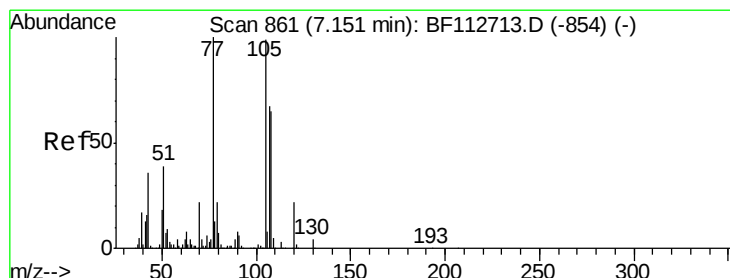
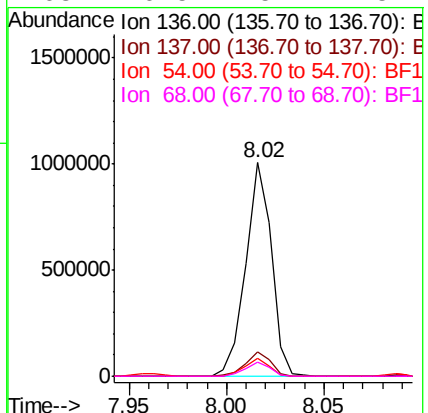
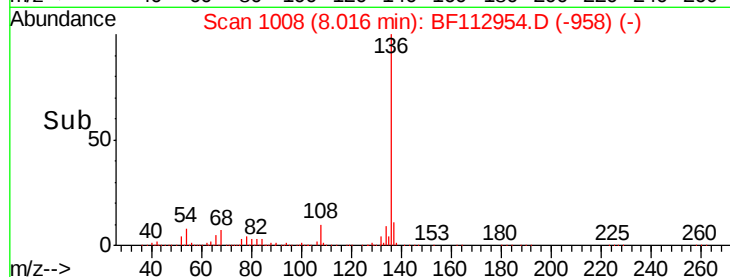
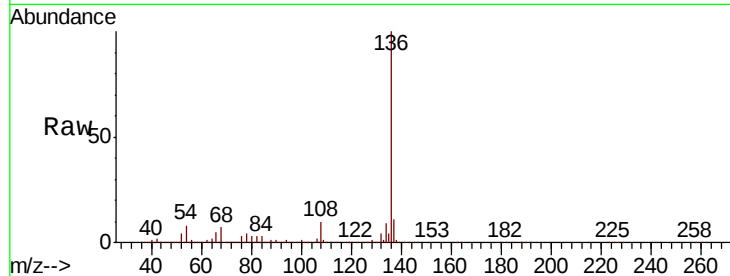
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		921723		
137	11.4	8.9	13.3		
54	8.4	7.3	10.9		
68	6.5	5.4	8.2		

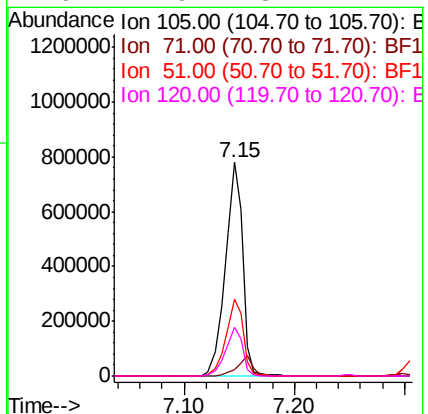
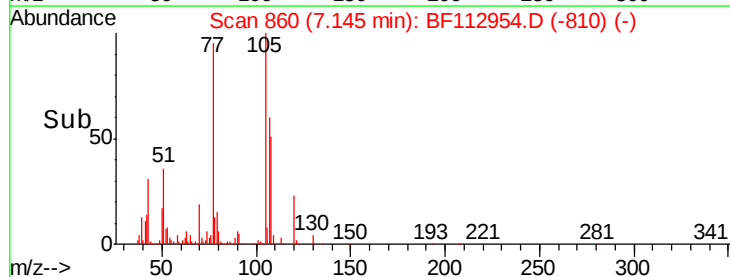
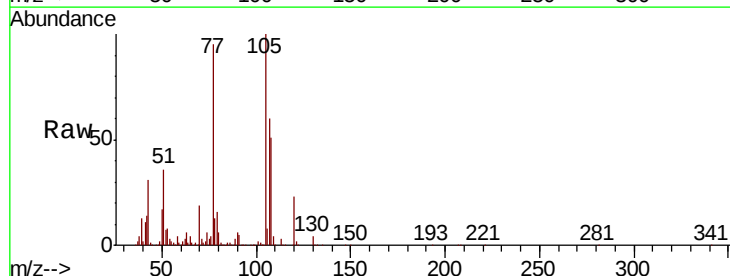
Manual Integrations
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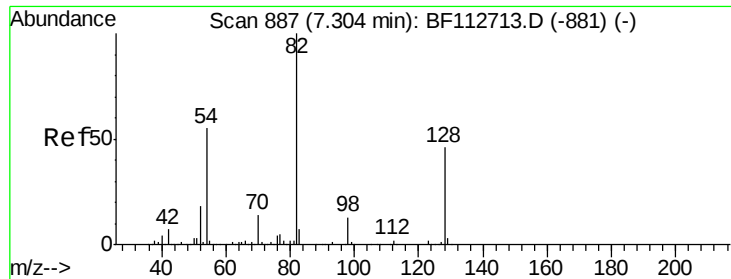
Sohil
3/12/2019 4:28:32 PM



#22
Acetophenone
Concen: 39.669 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		854957		
71	3.2	3.0	4.4		
51	35.9	31.5	47.3		
120	22.9	18.1	27.1		





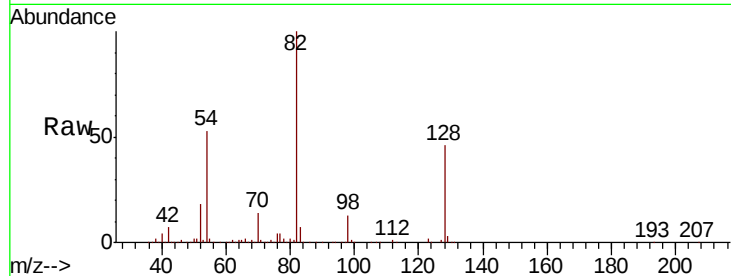
#23
 Nitrobenzene-d5
 Concen: 82.274 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112954.D
 Acq: 11 Mar 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

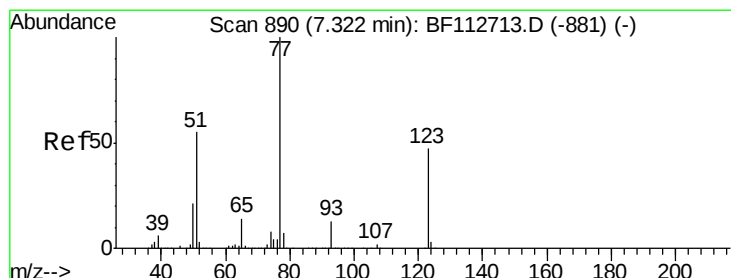
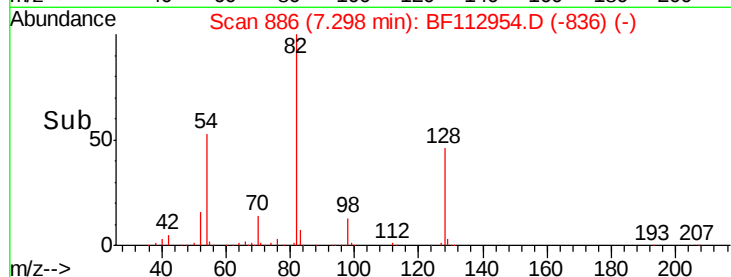
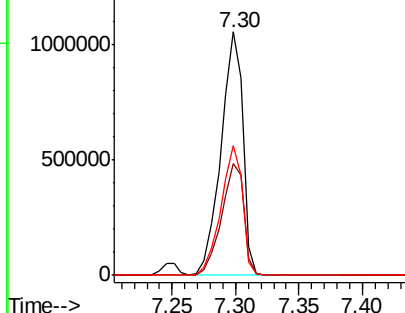
Tot Ion	82	Resp	1267313
Ion Ratio	100	Lower	Upper
128	46.0	36.3	54.5
54	53.5	43.7	65.5

Manual Integrations
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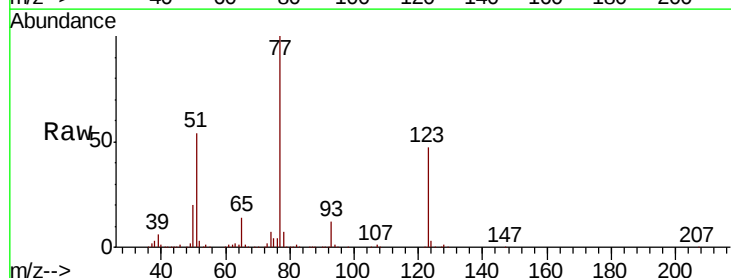


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

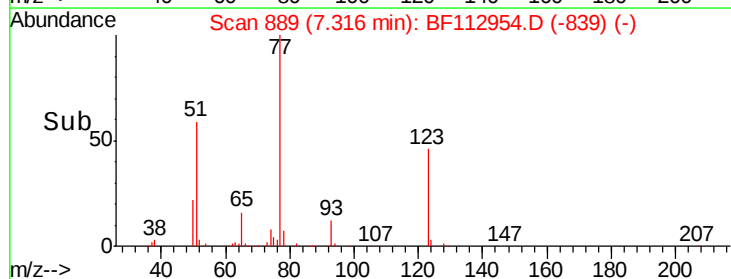
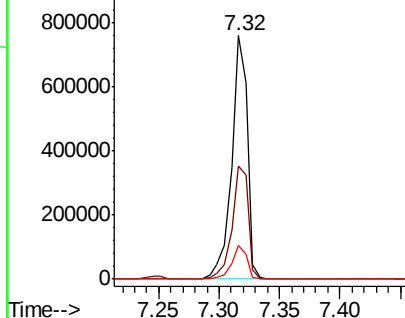


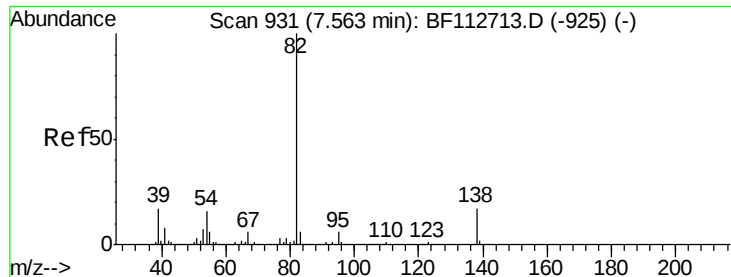
#24
 Nitrobenzene
 Concen: 39.757 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF112954.D
 Acq: 11 Mar 2019 14:57

Tgt Ion	77	Resp	681597
Ion Ratio	100	Lower	Upper
123	46.5	37.8	56.6
65	13.9	11.1	16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.794 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

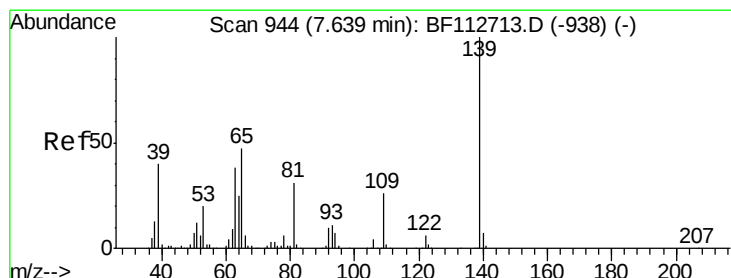
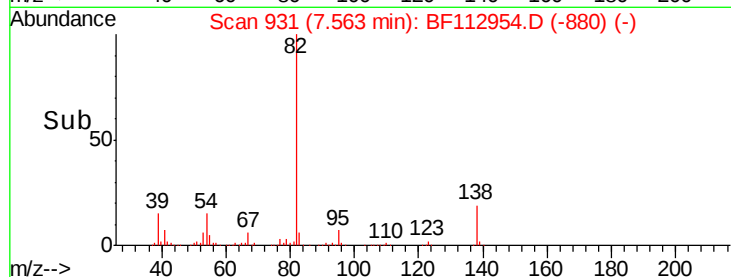
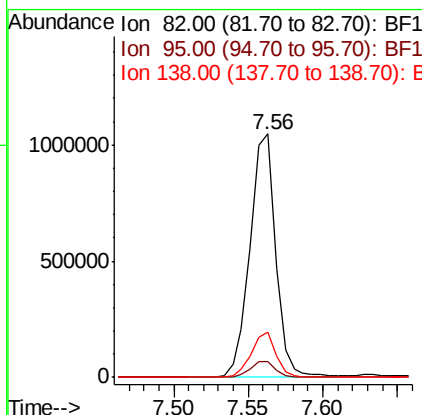
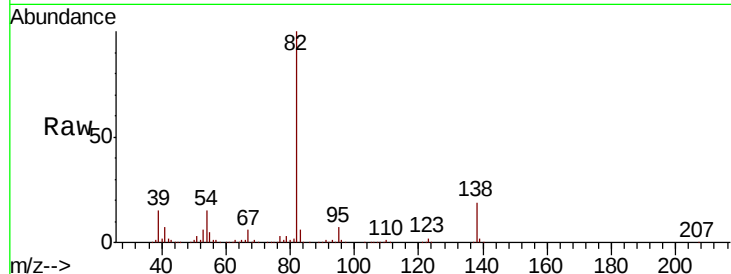
ClientSampled :

SSTDCCC040

Tot Ion:	82	Resp:	1254184
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.7	13.8	20.8

Manual Integrations
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Sohil
3/12/2019 4:28:32 PM



#26

2-Nitrophenol

Concen: 49.588 ng

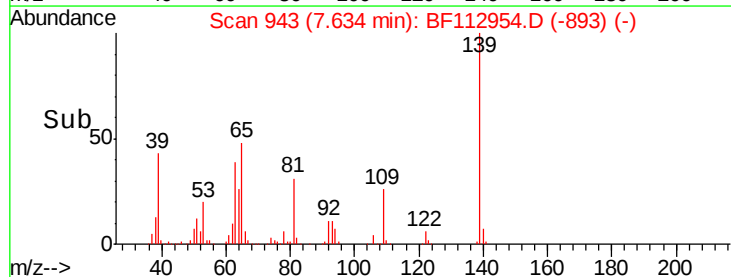
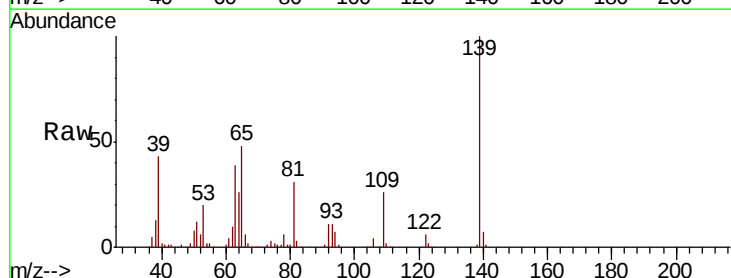
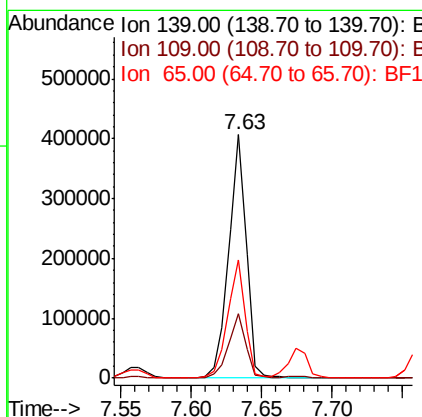
RT: 7.63 min Scan# 943

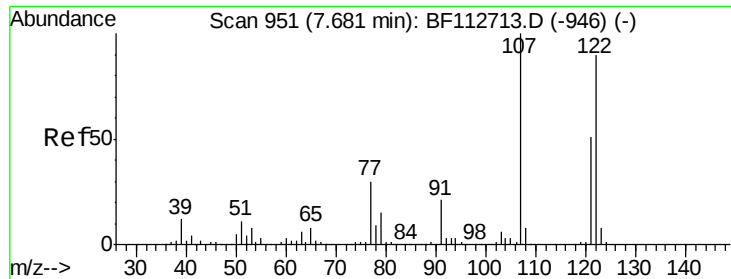
Delta R.T. -0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Tgt Ion:	139	Resp:	353900
Ion	Ratio	Lower	Upper
139	100		
109	26.4	20.6	31.0
65	48.4	37.9	56.9





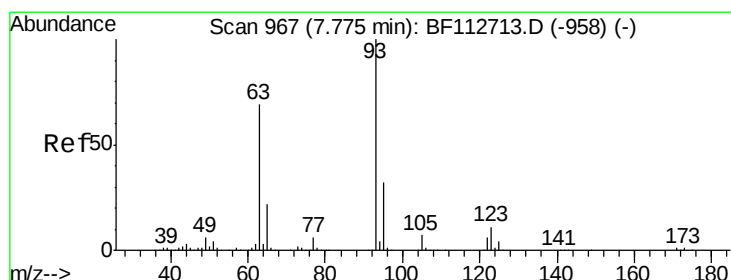
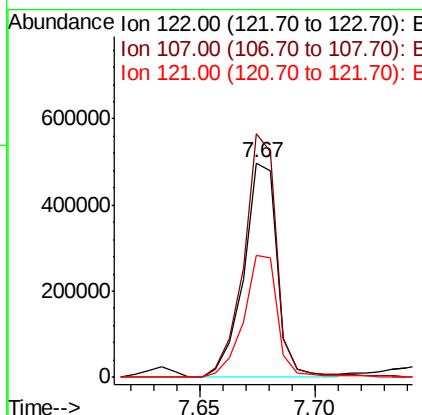
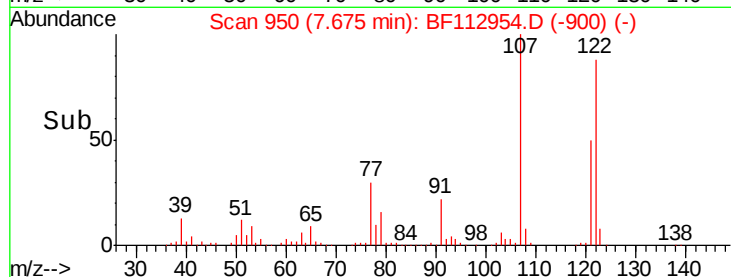
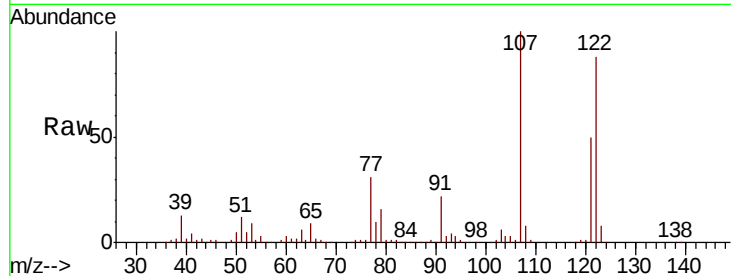
#27
2,4-Dimethylphenol
Concen: 37.817 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.4	89.4	134.0
121	56.8	45.5	68.3

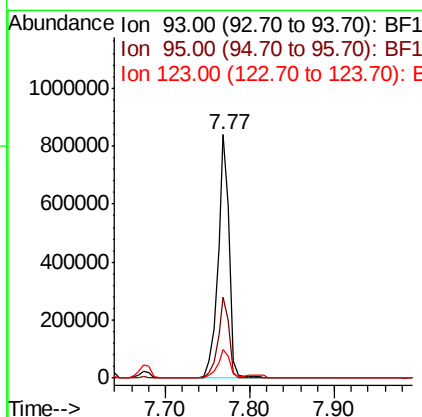
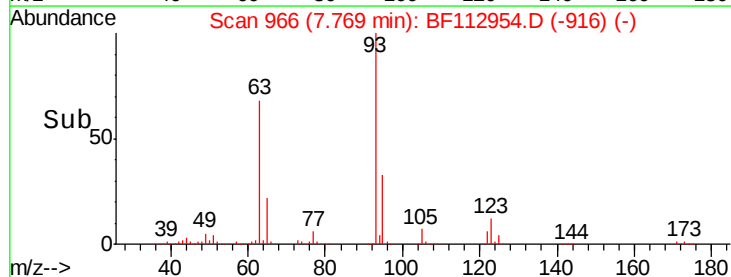
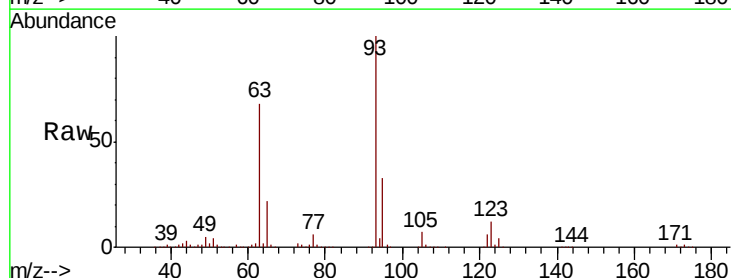
Manual Integrations
APPROVED

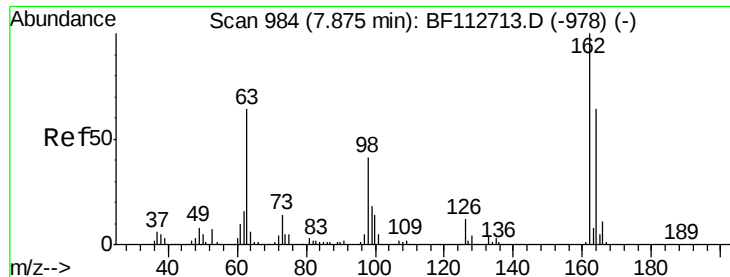
Sohil
3/12/2019 4:28:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.014 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	12.0	9.3	13.9





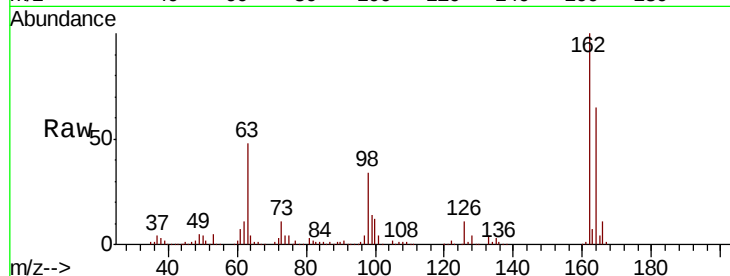
#29
2,4-Dichlorophenol
Concen: 41.467 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.0	84.0
98	33.9	20.7	60.7

Manual Integrations
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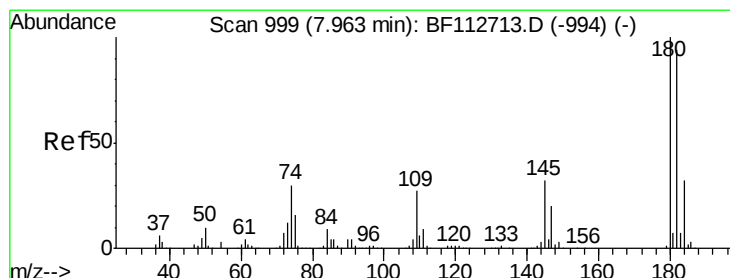
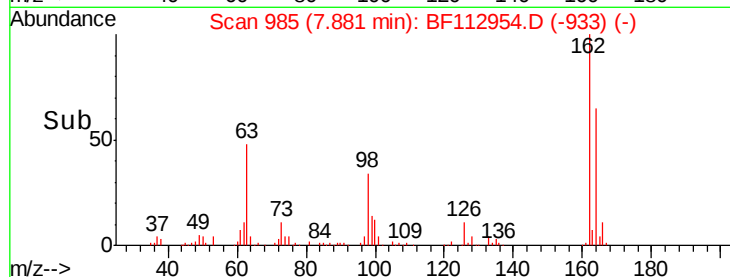
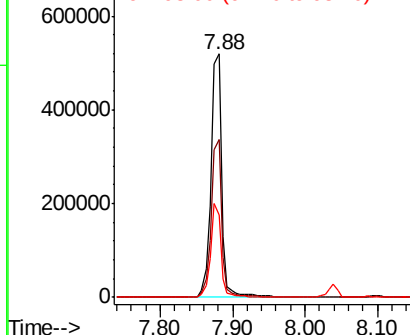


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.892 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

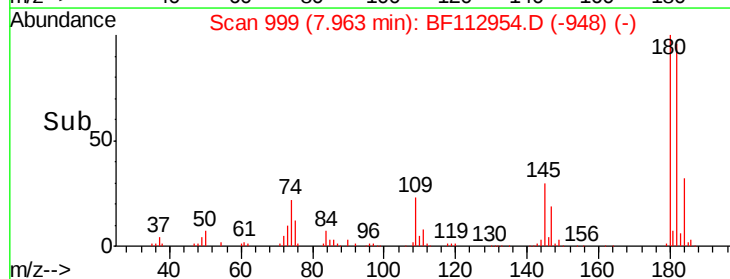
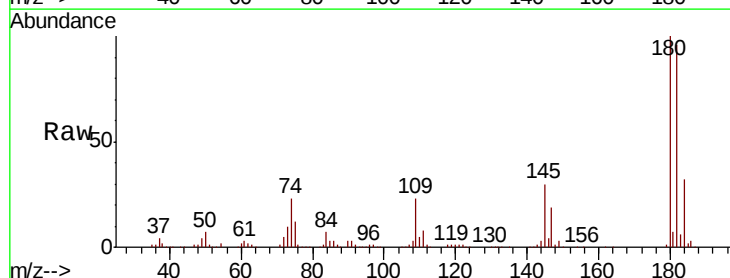
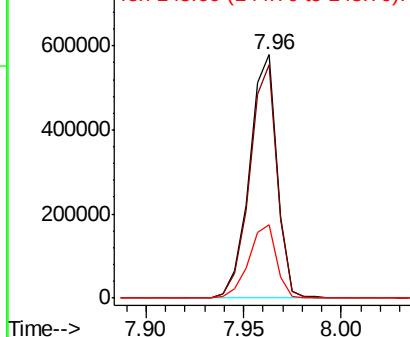
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.2	112.8
145	30.0	25.4	38.0

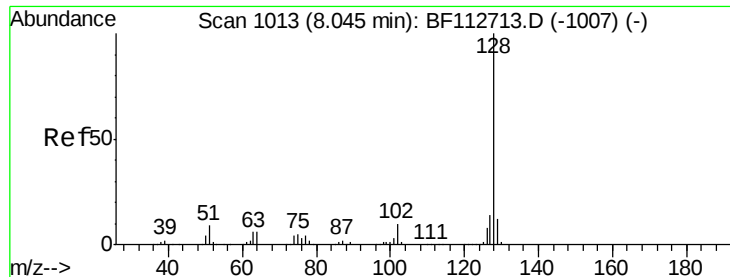
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





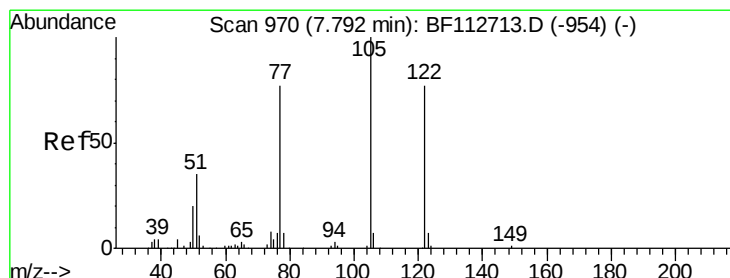
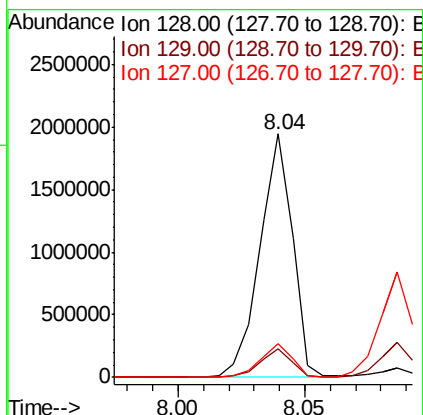
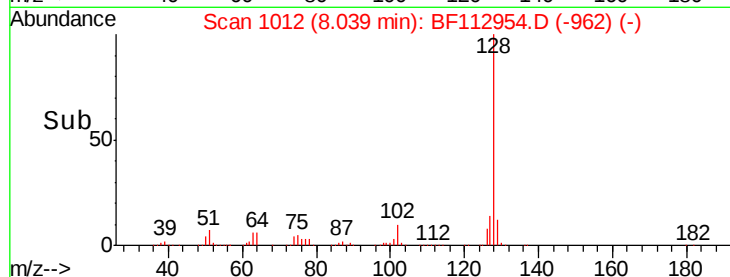
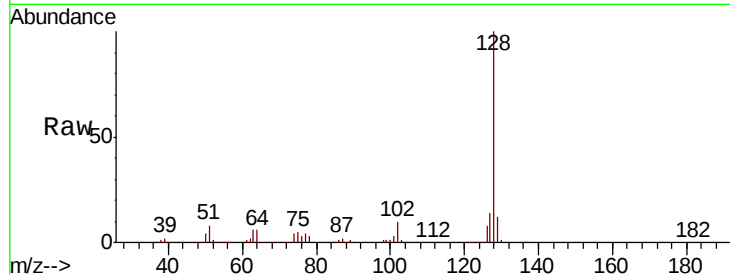
#31
Naphthalene
Concen: 38.369 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1755805
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.6 10.9 16.3

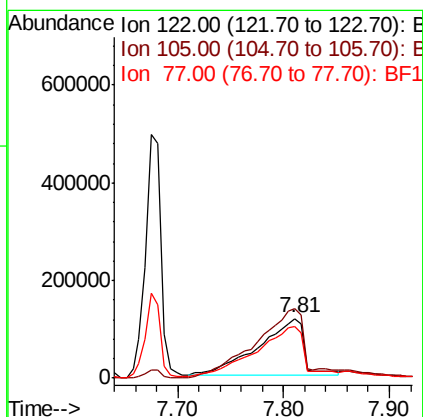
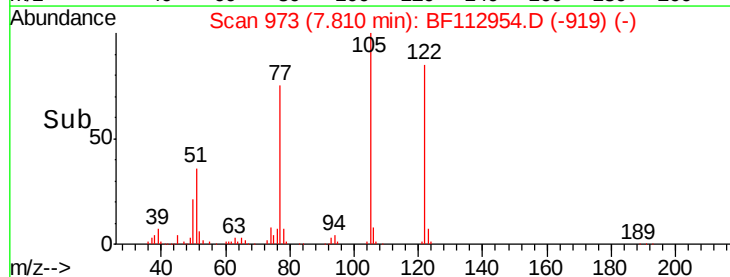
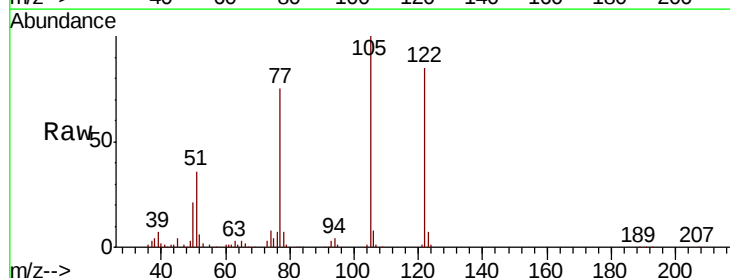
Manual Integrations
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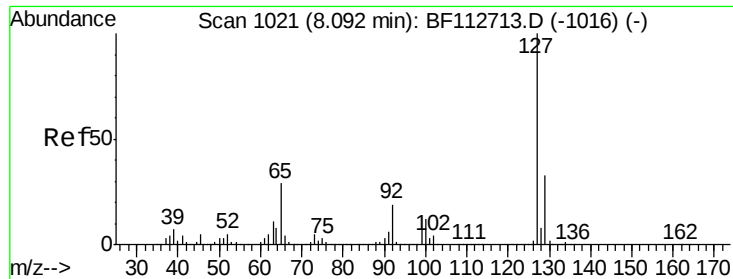
Sohil
3/12/2019 4:28:32 PM



#32
Benzoic acid
Concen: 37.171 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion:122 Resp: 345905
Ion Ratio Lower Upper
122 100
105 117.0 106.8 146.8
77 87.6 79.4 119.4





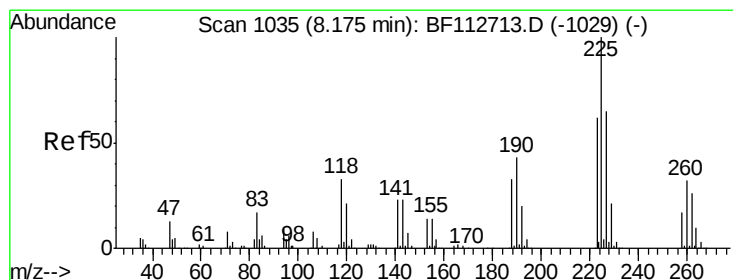
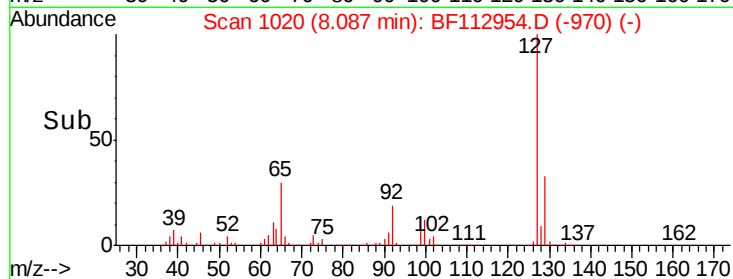
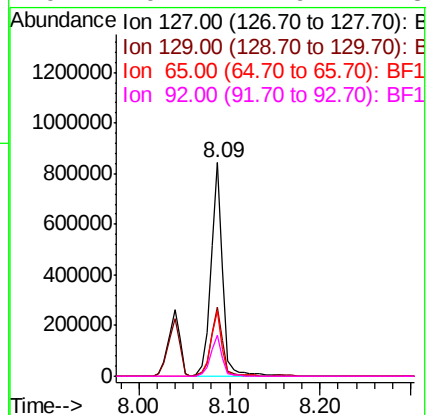
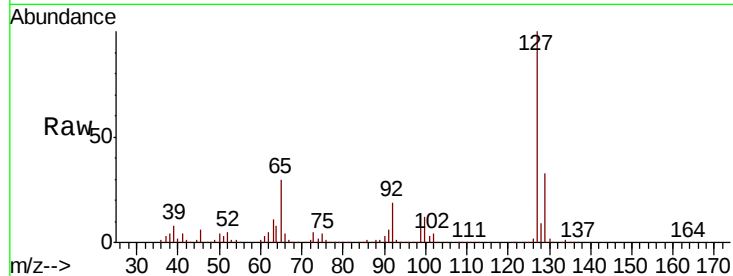
#33
4-Chloroaniline
Concen: 39.466 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		764950		
129	32.7	26.4	39.6		
65	30.4	23.1	34.7		
92	19.4	14.9	22.3		

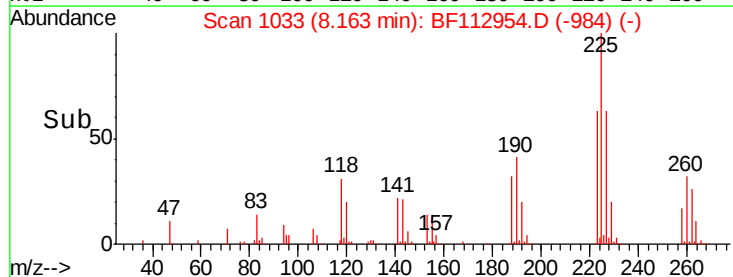
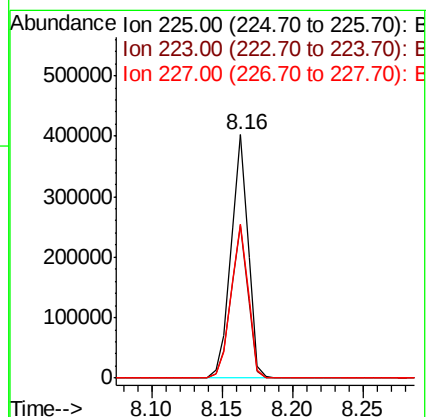
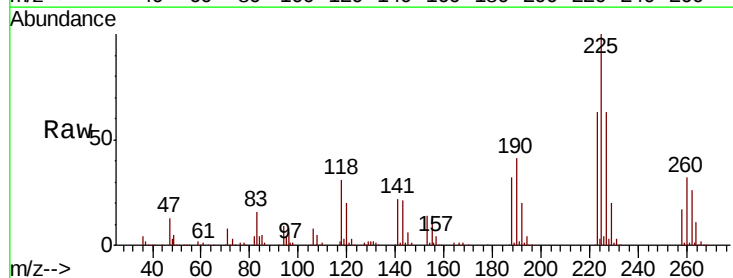
Manual Integrations
APPROVED

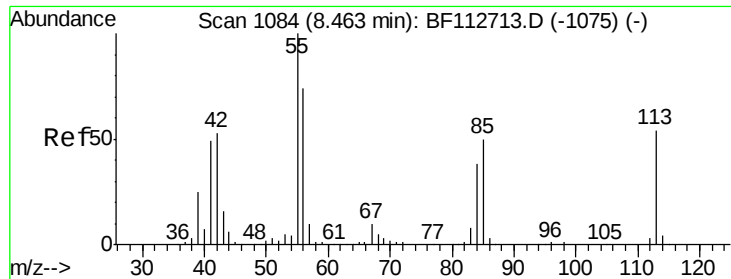
Sohil
3/12/2019 4:28:32 PM



#34
Hexachlorobutadiene
Concen: 43.535 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		339673		
223	62.8	49.7	74.5		
227	63.2	52.1	78.1		





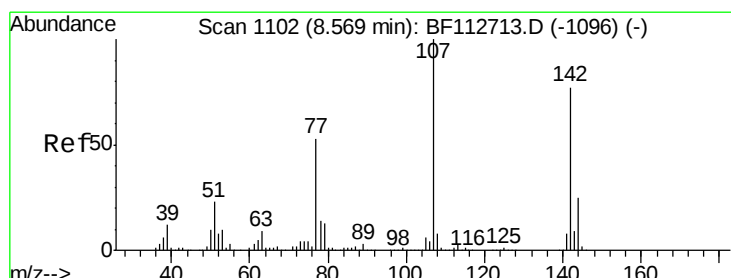
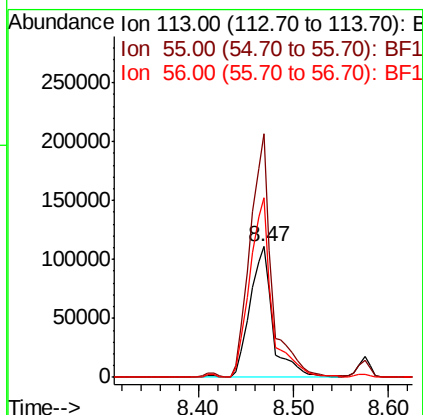
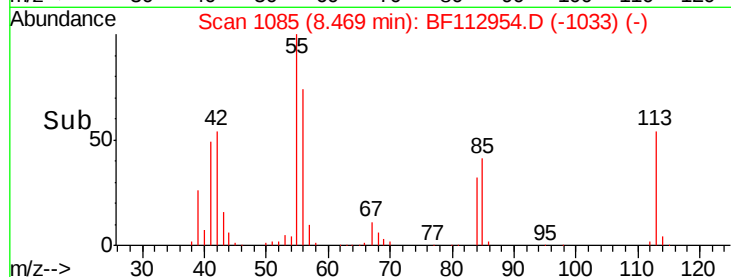
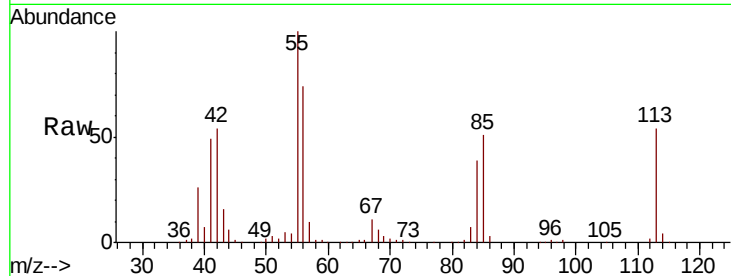
#35
Caprolactam
Concen: 40.931 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	186.0	163.5	203.5	
56	137.6	115.3	155.3	

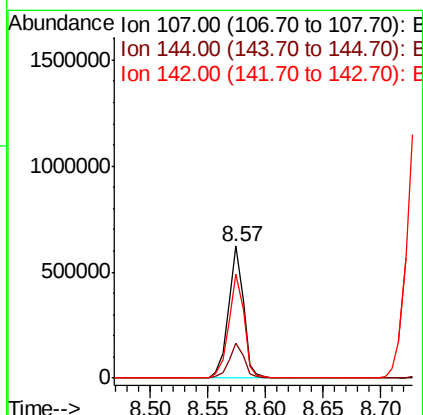
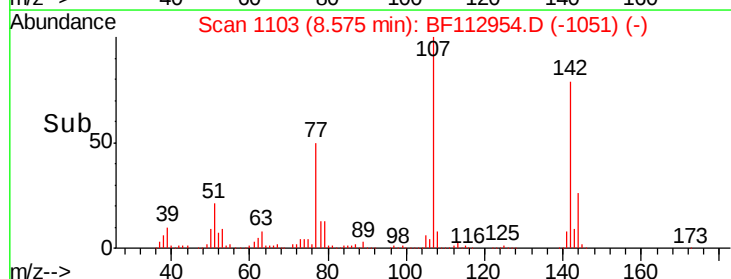
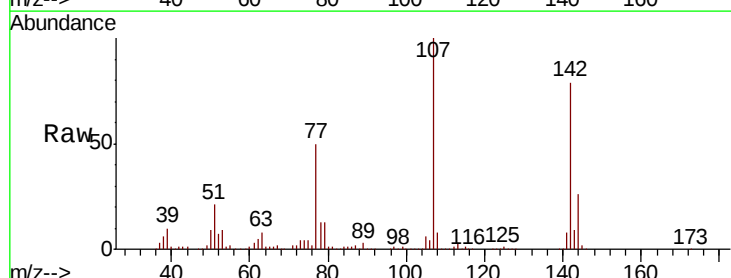
Manual Integrations
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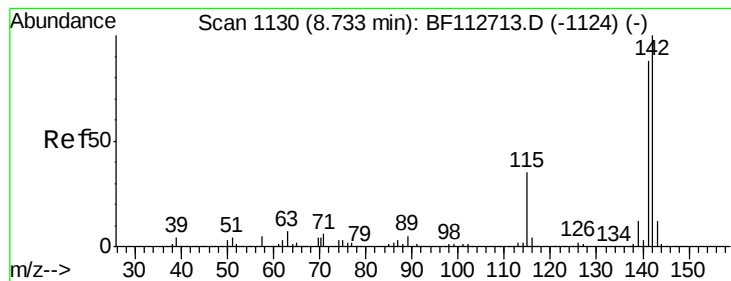
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 39.843 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.1	20.1	30.1	
142	78.8	61.9	92.9	





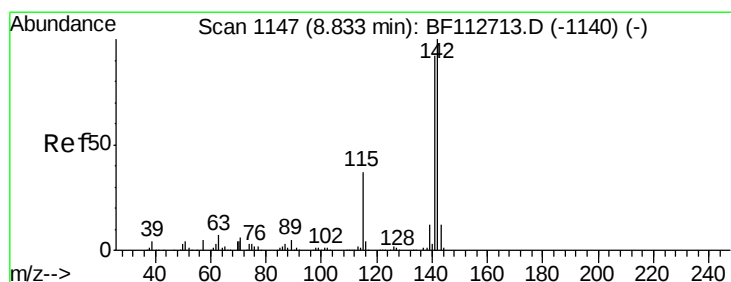
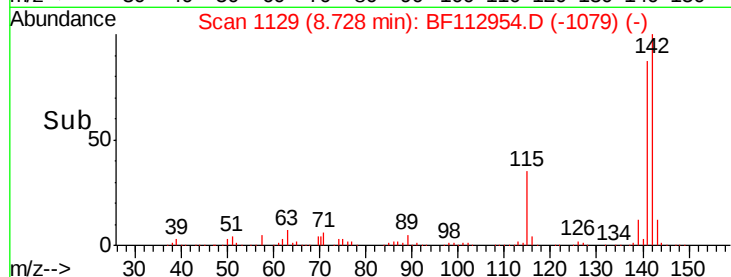
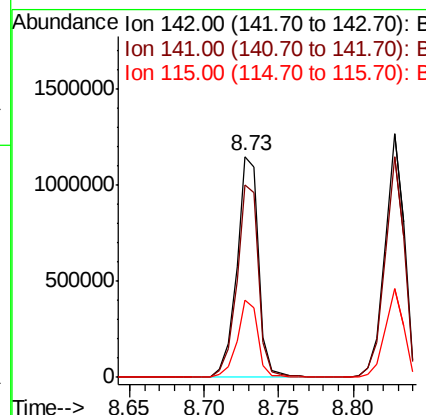
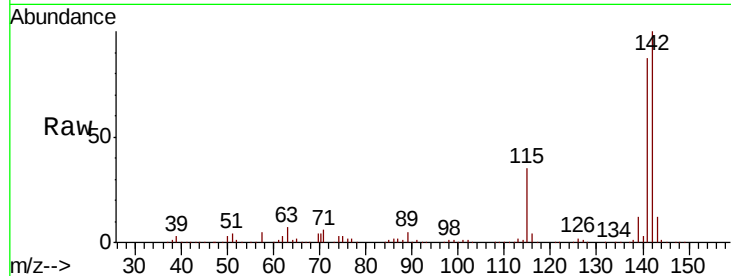
#37
2-Methylnaphthalene
Concen: 39.733 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1174196
Ion Ratio Lower Upper
142 100
141 87.3 70.3 105.5
115 34.8 27.8 41.6

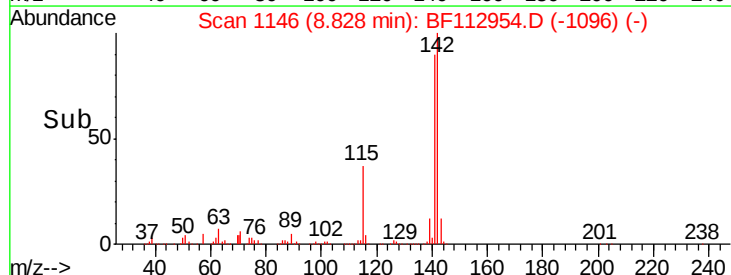
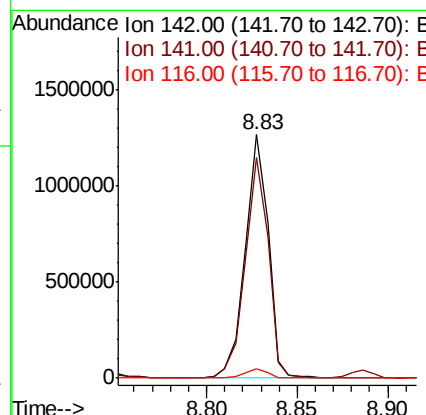
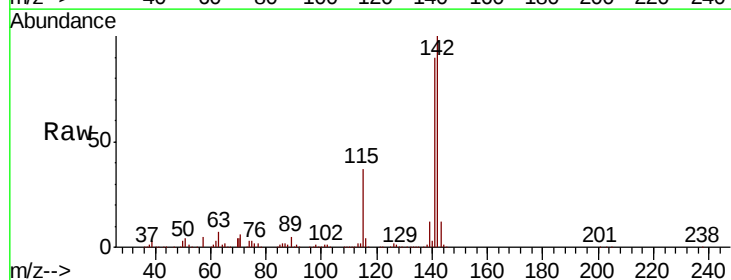
Manual Integrations
APPROVED

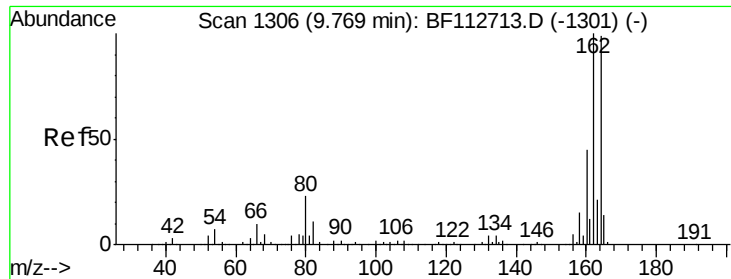
Sohil
3/12/2019 4:28:32 PM



#38
1-Methylnaphthalene
Concen: 39.049 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion:142 Resp: 1117854
Ion Ratio Lower Upper
142 100
141 90.5 73.7 110.5
116 3.7 3.1 4.7





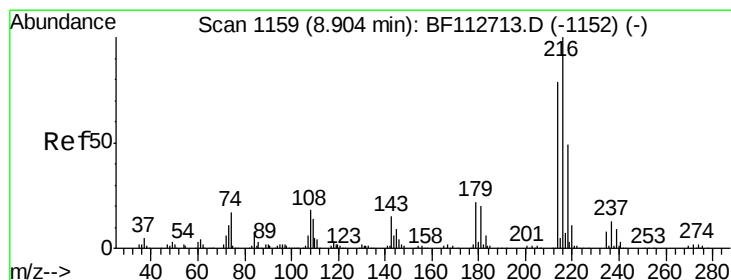
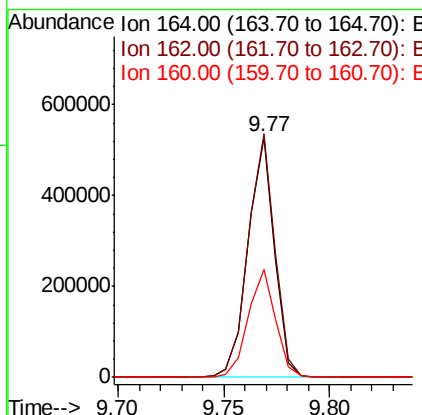
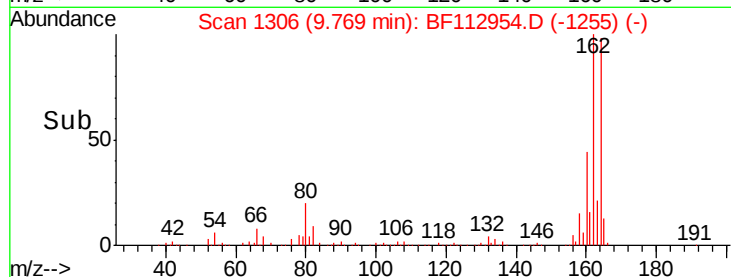
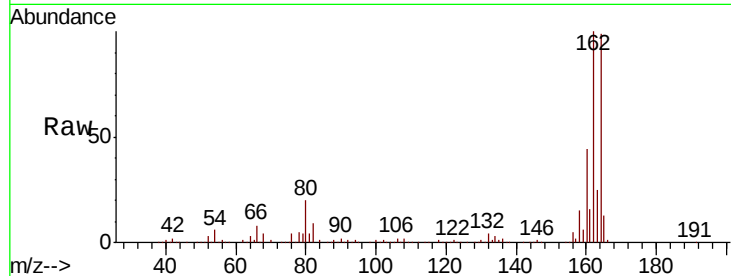
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	44.9	36.0	54.0

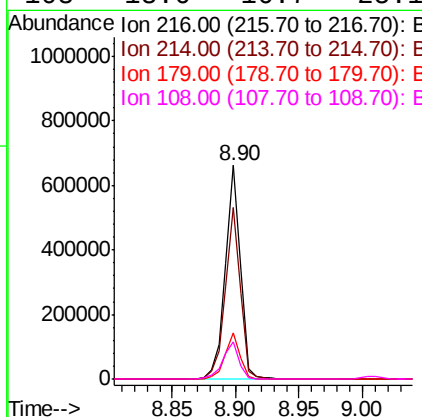
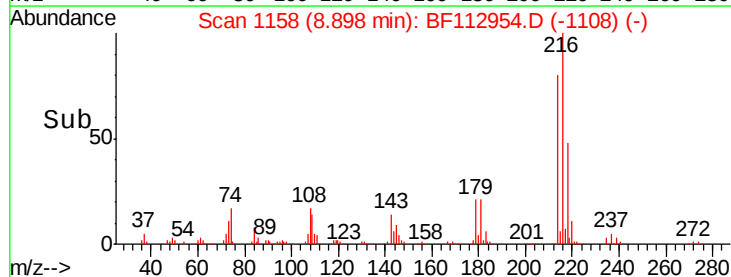
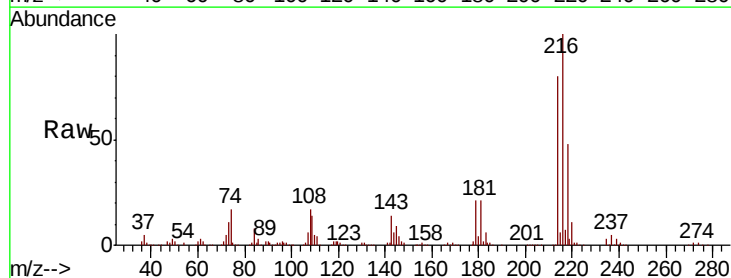
Manual Integrations
APPROVED

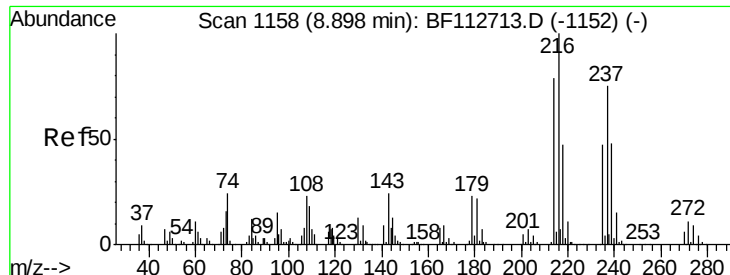
Sohil
3/12/2019 4:28:32 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.791 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.2	94.8
179	21.0	17.5	26.3
108	18.6	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 40.040 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

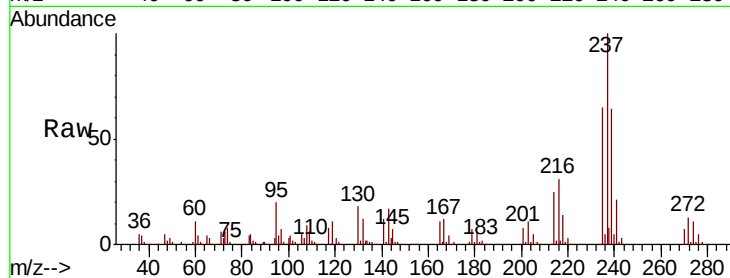
ClientSampleId :

SSTDCCC040

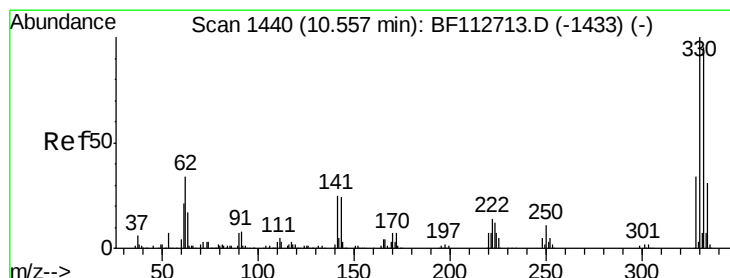
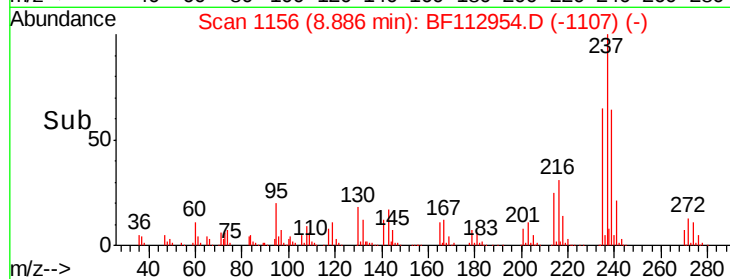
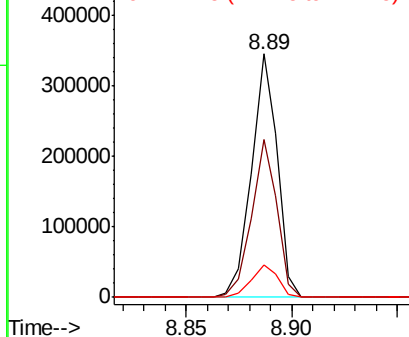
Tot Ion:	237	Resp:	293866
Ion Ratio	Lower	Upper	
237	100		
235	64.7	42.2	82.2
272	13.5	0.0	34.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 90.779 ng

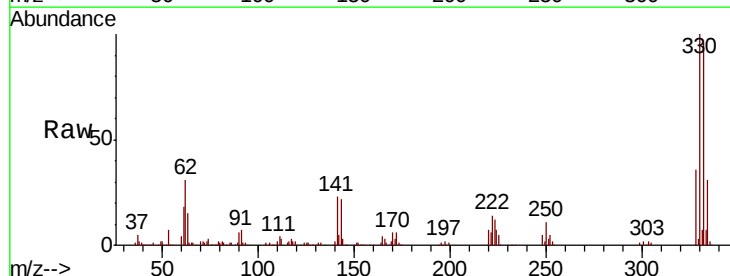
RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

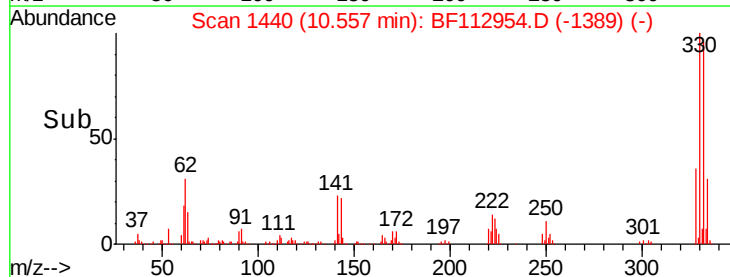
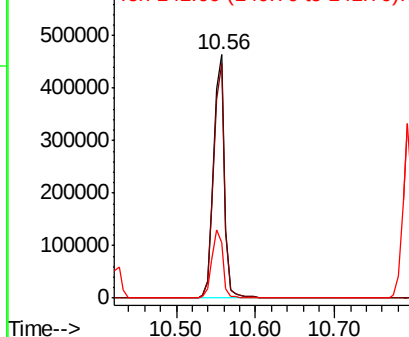
Lab File: BF112954.D

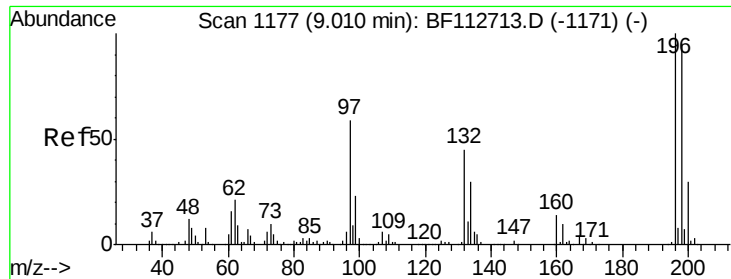
Acq: 11 Mar 2019 14:57

Tgt Ion:	330	Resp:	442939
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.2	114.4
141	28.3	27.0	40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





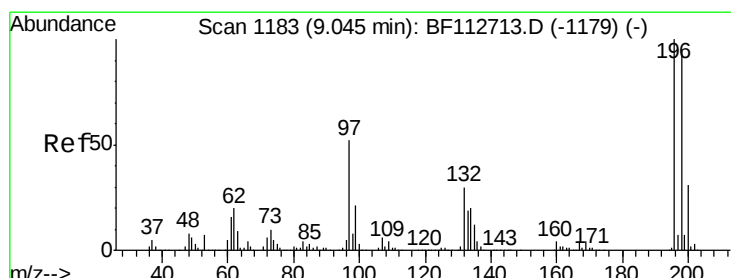
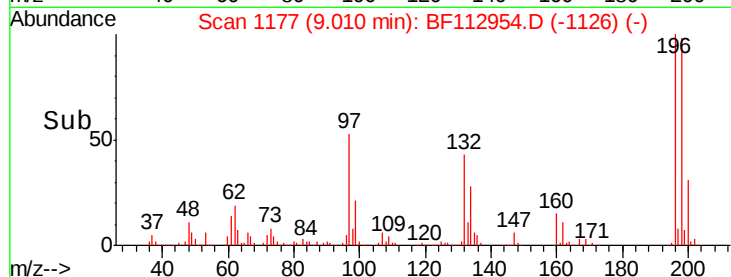
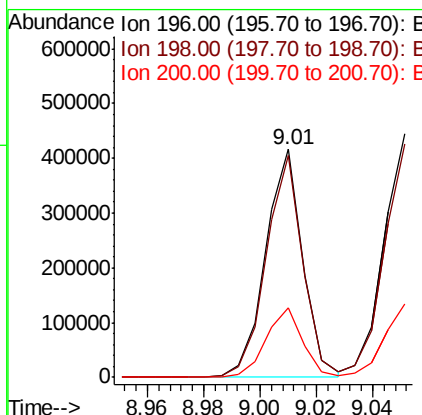
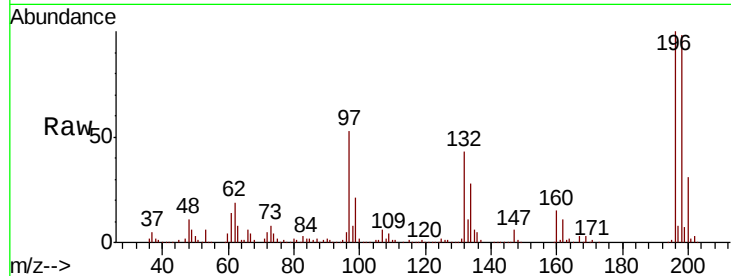
#43
 2,4,6-Trichlorophenol
 Concen: 41.155 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF112954.D
 Acq: 11 Mar 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	379615		
198	97.5	75.8	113.8	
200	30.7	24.3	36.5	

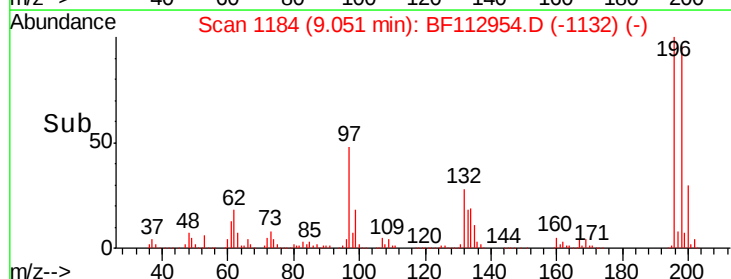
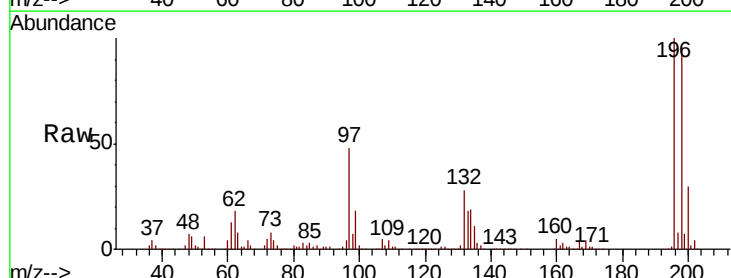
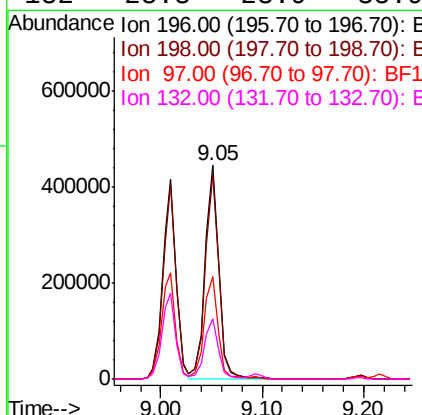
Manual Integrations
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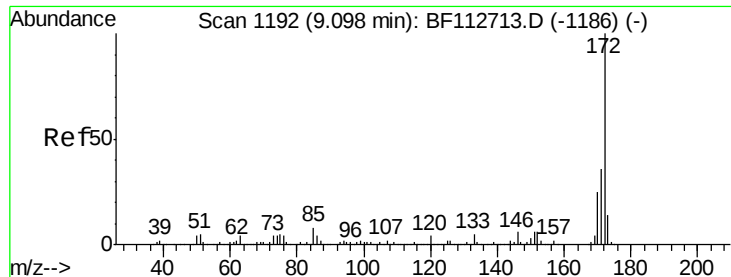
Sohil
 3/12/2019 4:28:32 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.738 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112954.D
 Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	416138		
198	95.7	76.2	114.2	
97	48.2	41.5	62.3	
132	28.3	23.9	35.9	





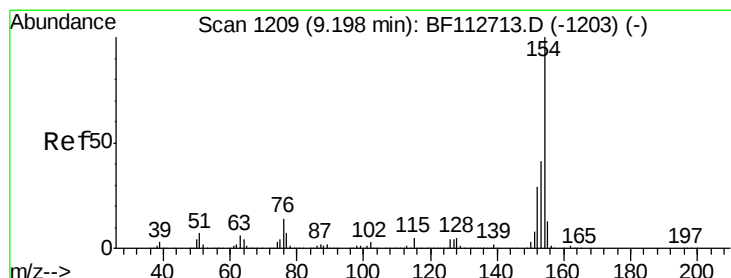
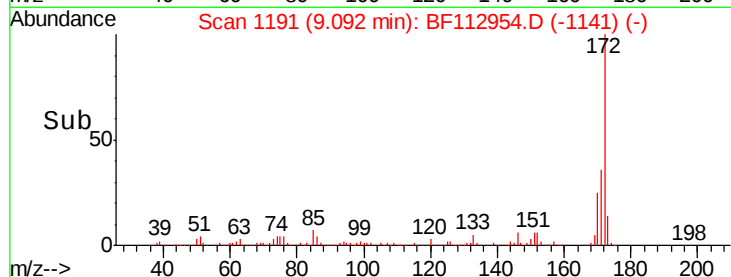
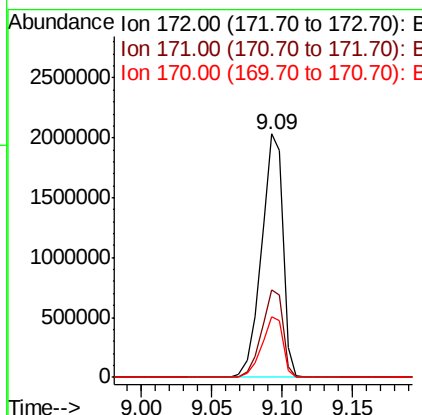
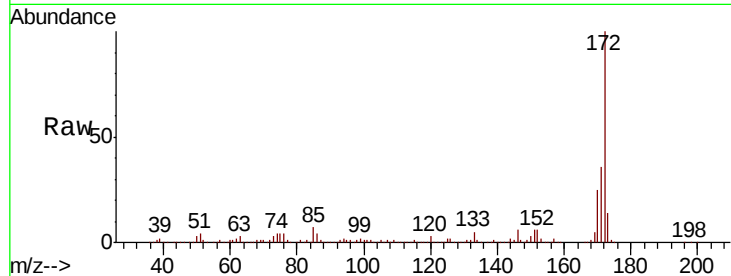
#45
2-Fluorobiphenyl
Concen: 76.797 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.7	20.0	30.0

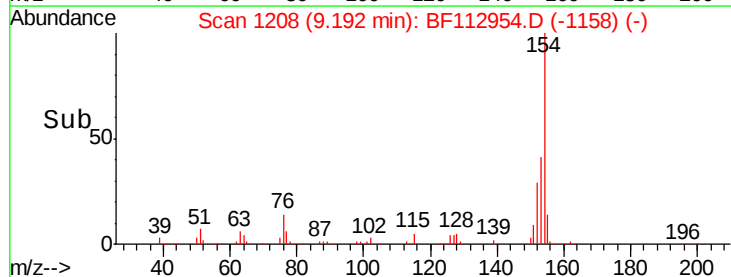
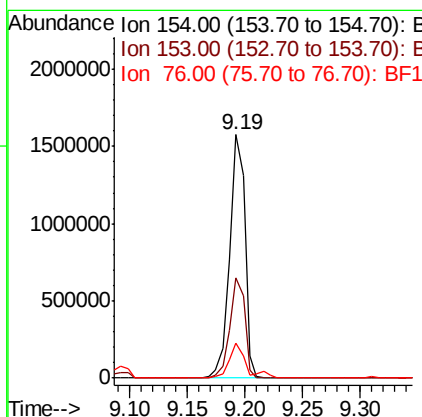
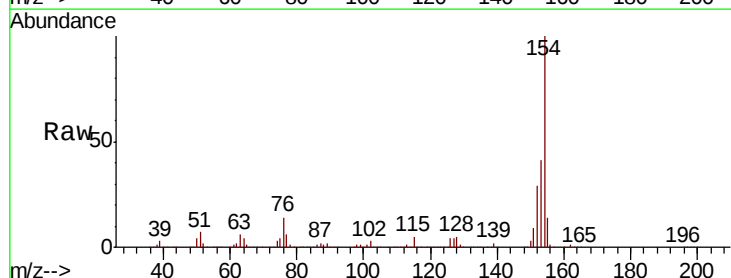
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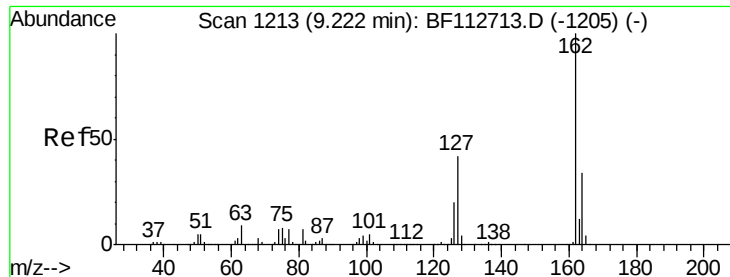
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#46
1,1'-Biphenyl
Concen: 38.363 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.8	60.8
76	14.1	0.0	33.8





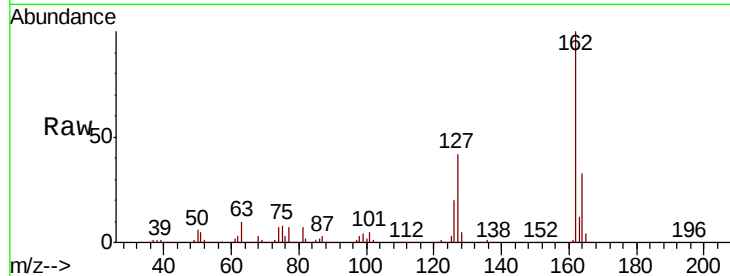
#47
2-Chloronaphthalene
Concen: 38.388 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.4	50.2
164	33.5	26.9	40.3

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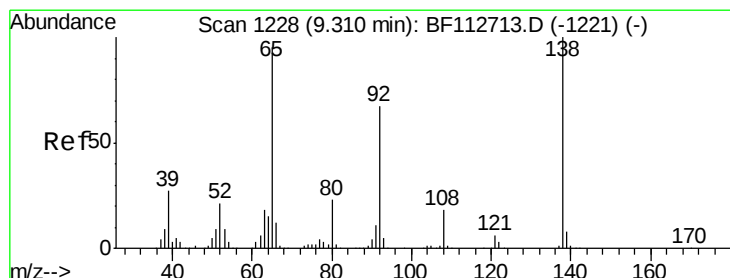
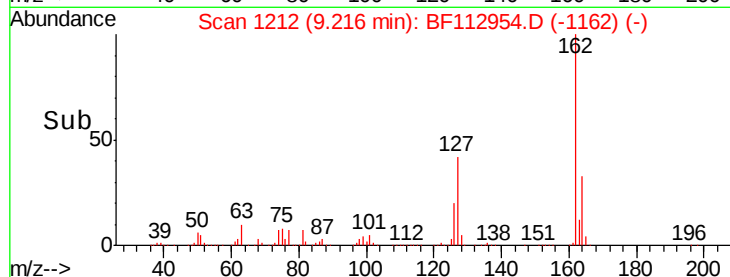
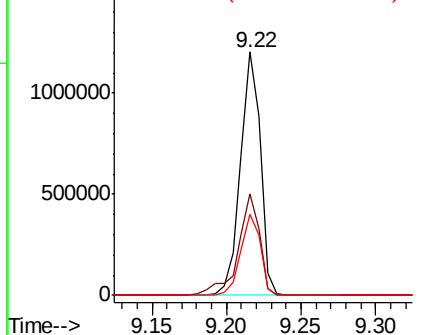


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.950 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

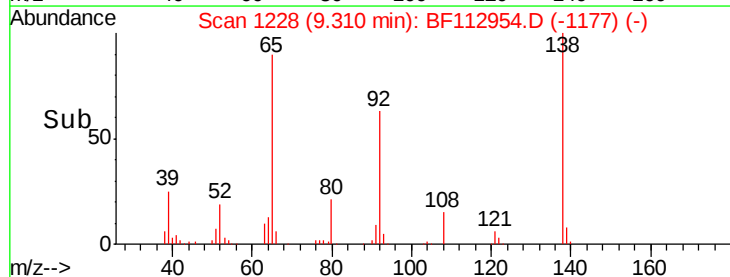
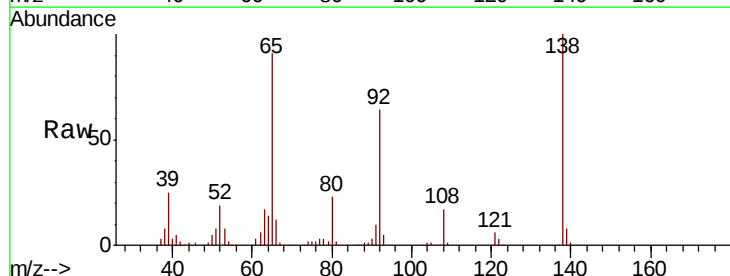
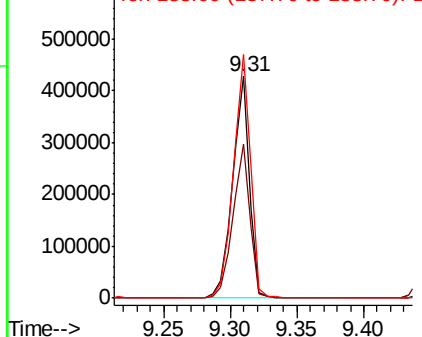
Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	56.4	84.6
138	109.8	84.6	126.8

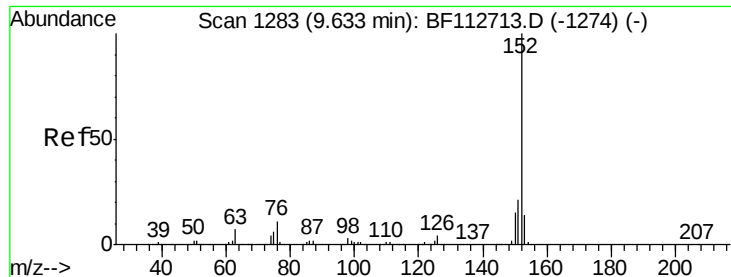
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





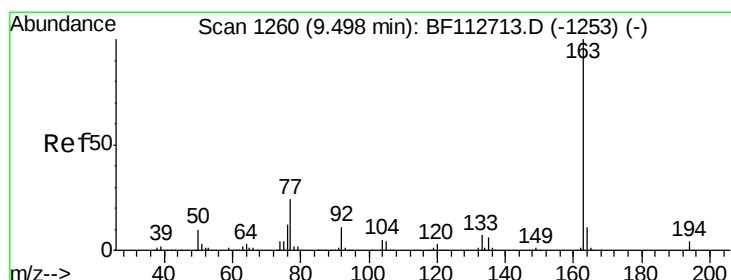
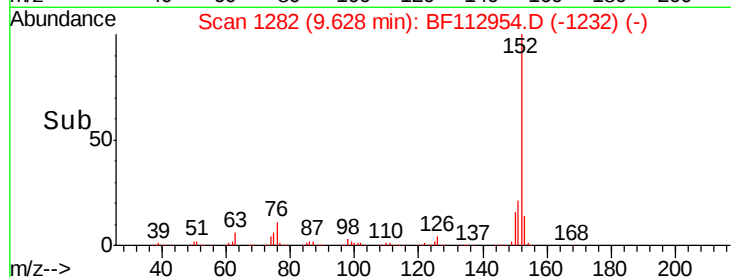
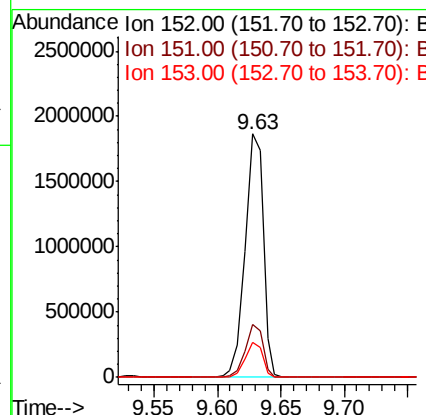
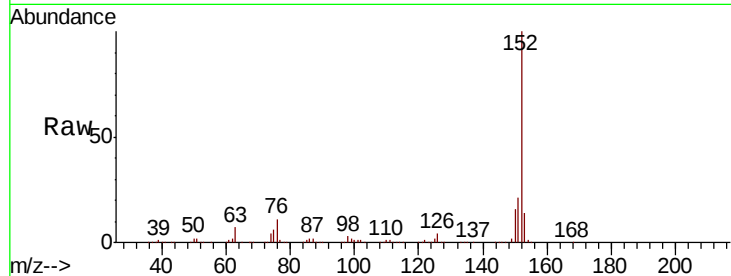
#49
Acenaphthylene
Concen: 37.081 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.9	25.3
153	14.2	11.0	16.6

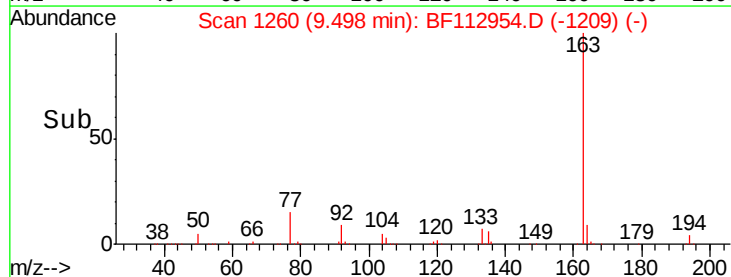
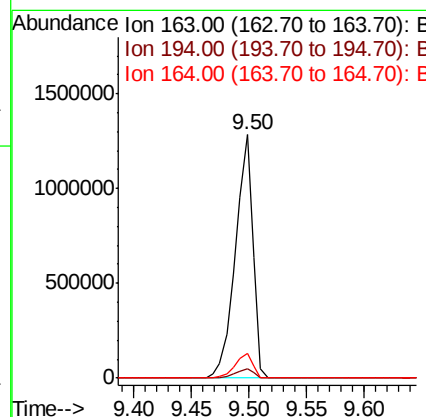
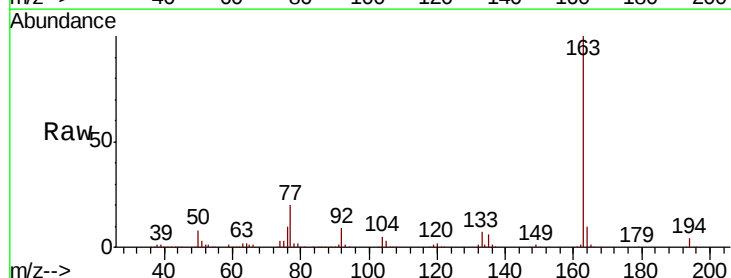
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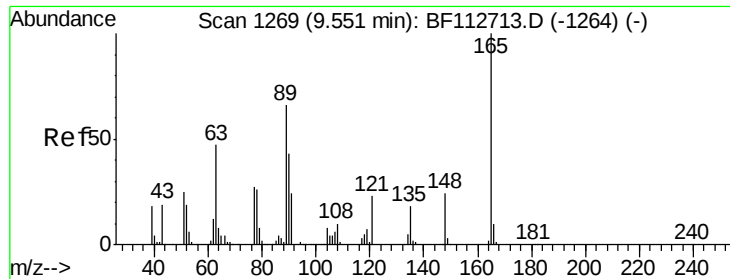
Sohil
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#50
Dimethylphthalate
Concen: 39.745 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.3	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 44.202 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:165 Resp: 311942
Ion Ratio Lower Upper

165 100

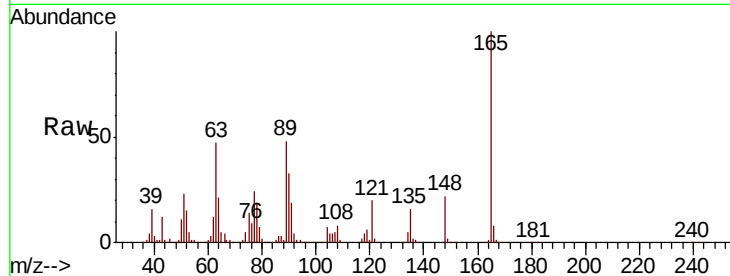
63 46.9 54.1 81.1#

89 48.0 52.8 79.2#

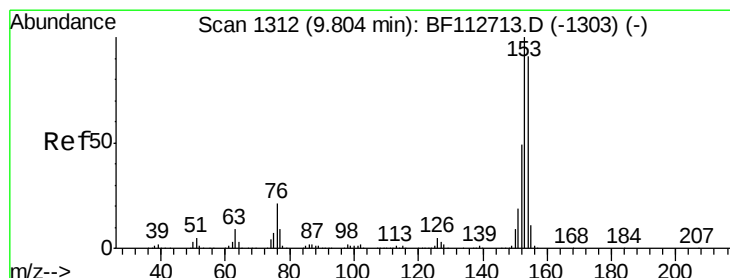
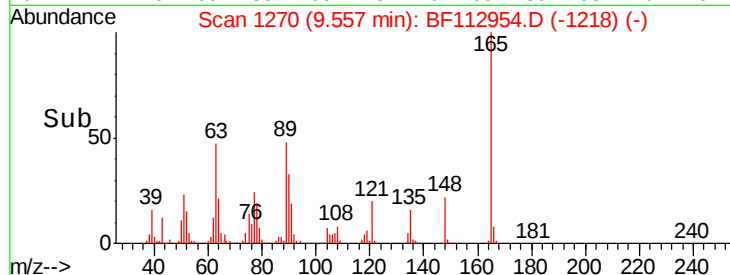
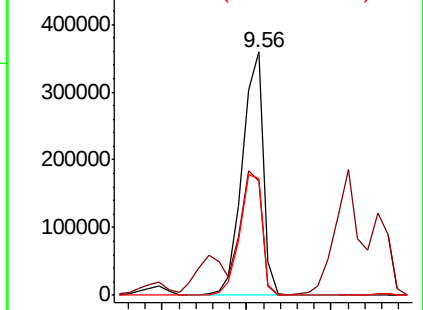
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.951 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF112954.D

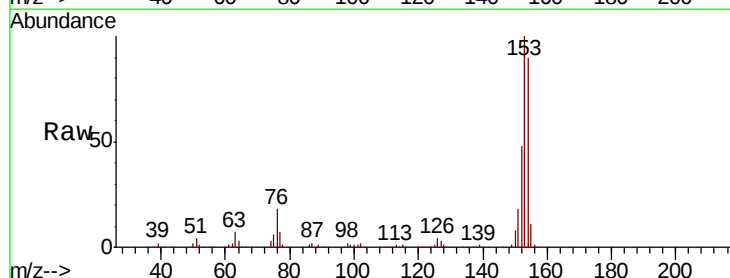
Acq: 11 Mar 2019 14:57

Tgt Ion:154 Resp: 1044766
Ion Ratio Lower Upper

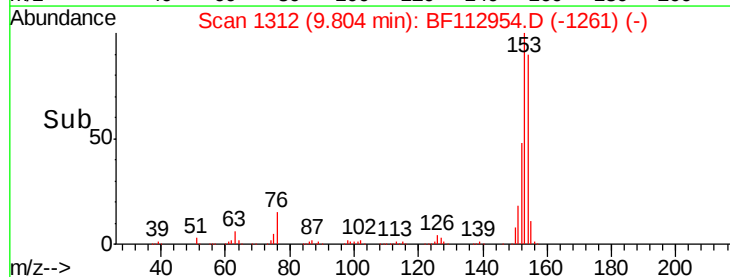
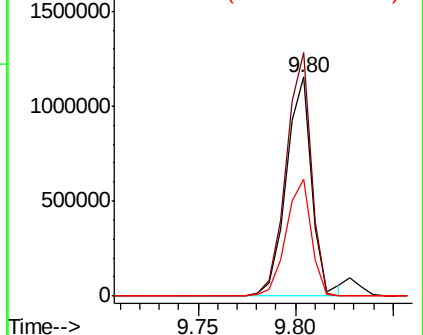
154 100

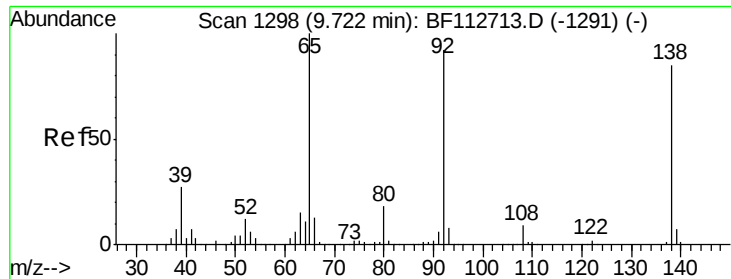
153 111.3 87.8 131.8

152 53.5 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





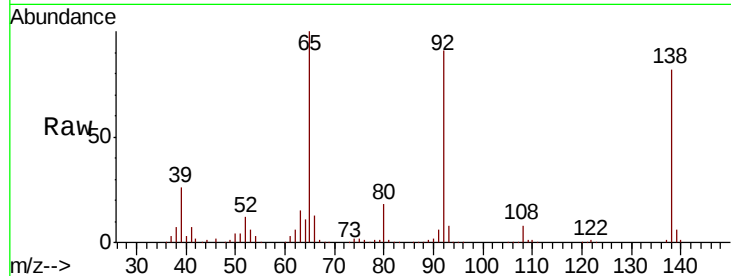
#53
3-Nitroaniline
Concen: 41.640 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.6	13.0
92	111.6	86.6	129.8

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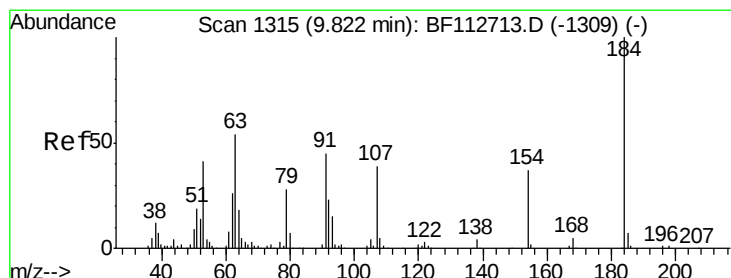
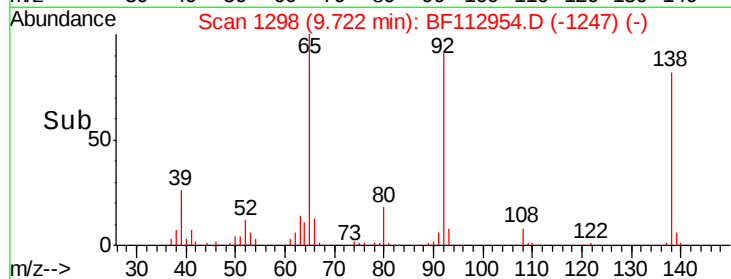
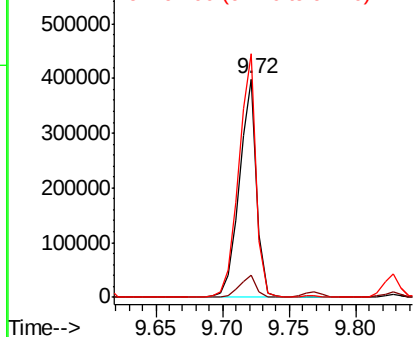


Abundance

Ion 138.00 (137.70 to 138.70): E

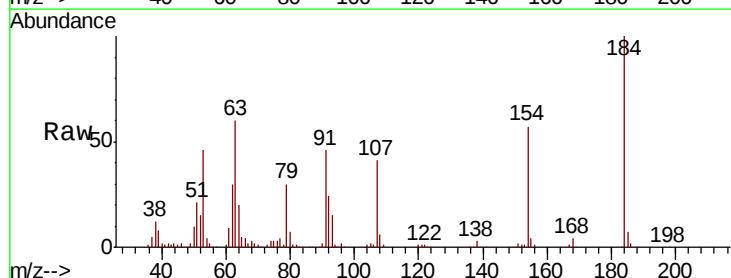
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 54.345 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	45.3	67.9
154	56.7	46.0	69.0

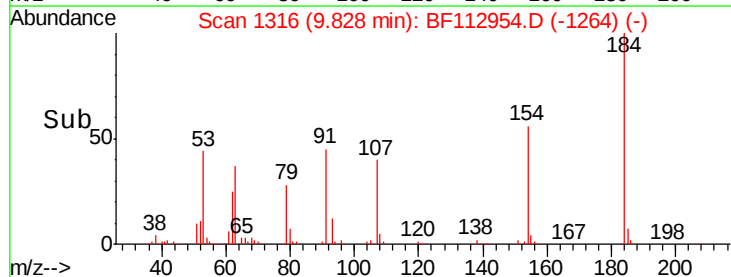
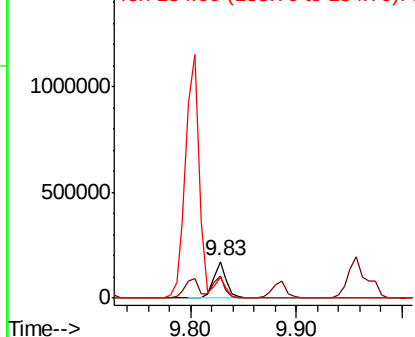


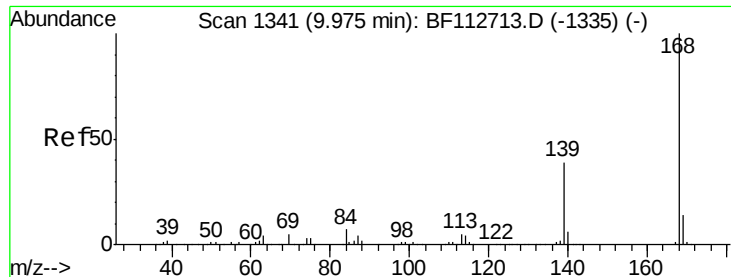
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





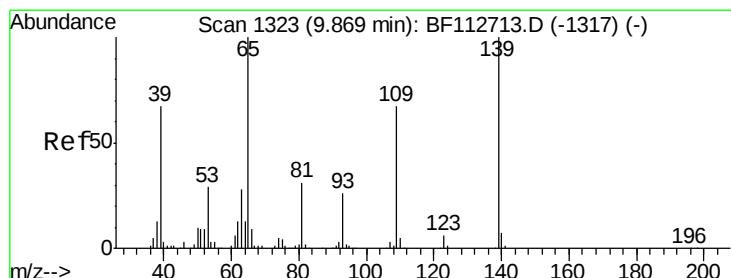
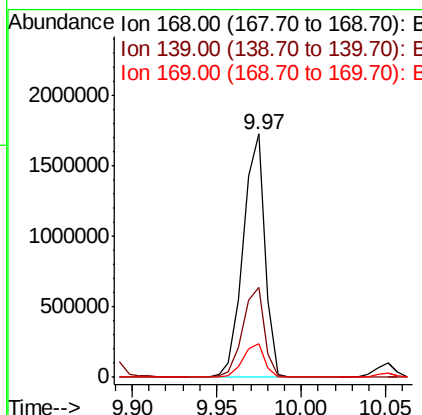
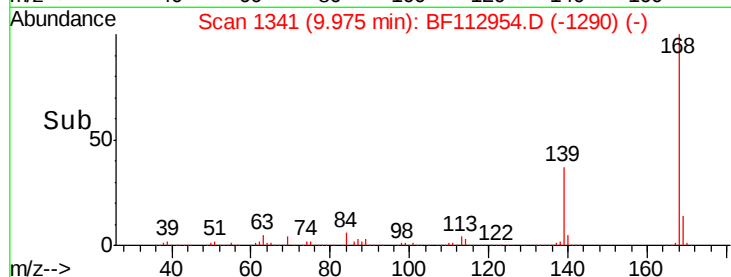
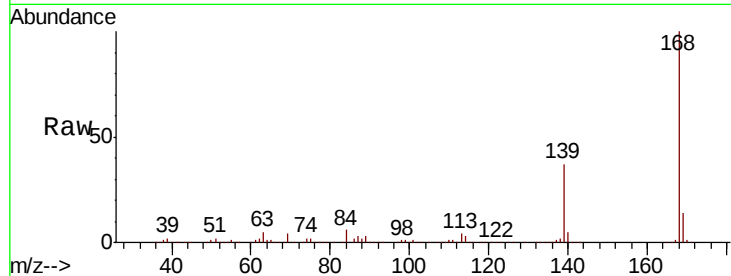
#55
Dibenzofuran
Concen: 36.829 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1555543
Ion Ratio Lower Upper
168 100
139 36.8 31.3 46.9
169 13.8 11.3 16.9

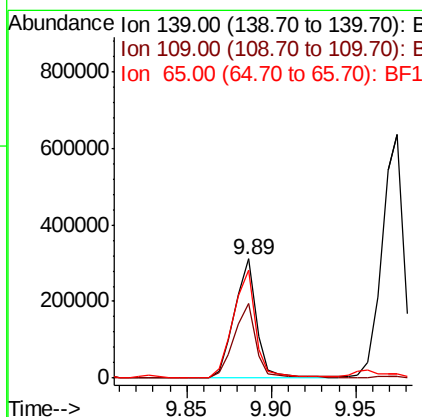
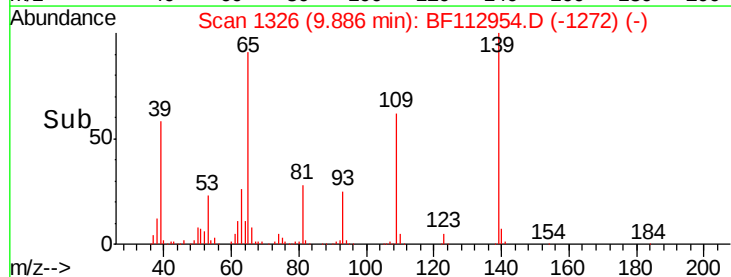
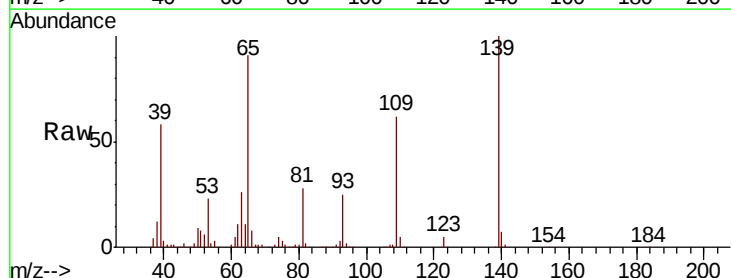
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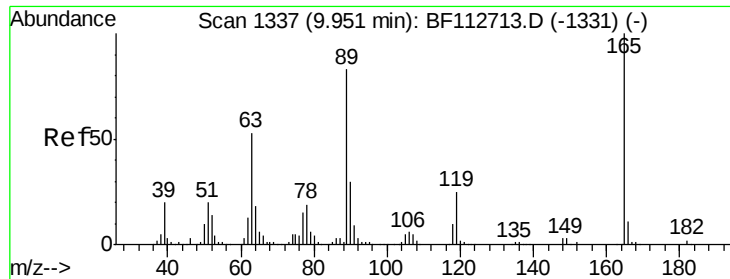
Sohil
3/12/2019 4:28:32 PM



#56
4-Nitrophenol
Concen: 41.249 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion:139 Resp: 288281
Ion Ratio Lower Upper
139 100
109 62.1 46.8 86.8
65 90.9 80.7 120.7





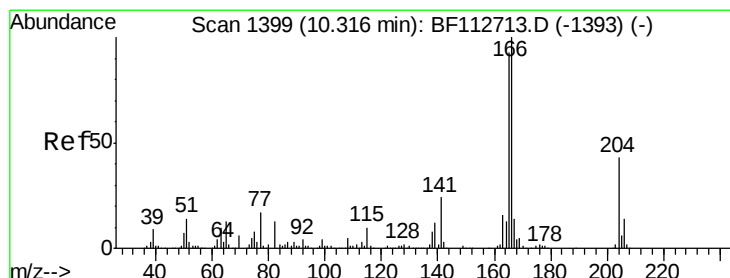
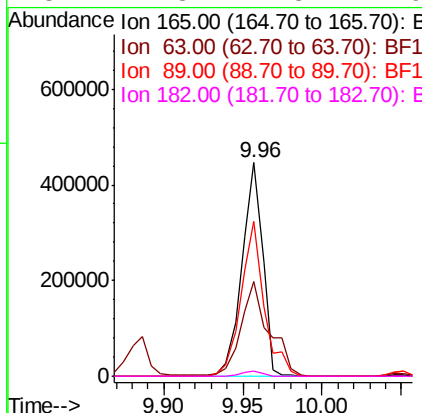
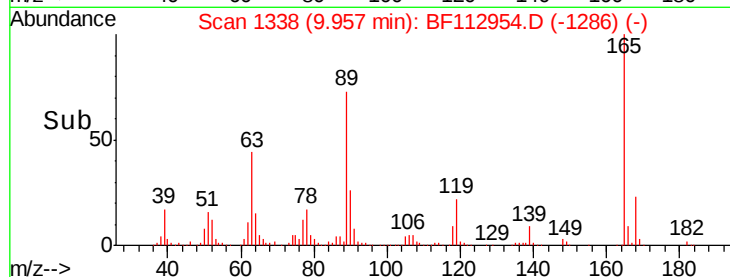
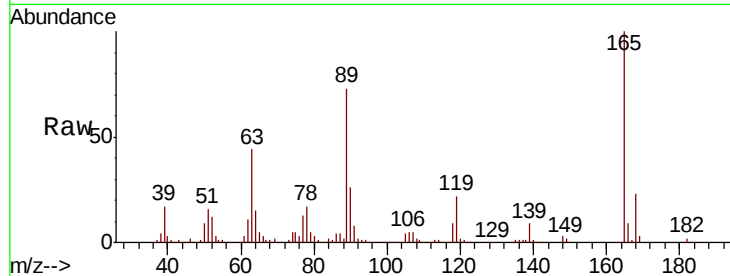
#57
2,4-Dinitrotoluene
Concen: 45.868 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		402362		
63	44.3		42.2	63.2	
89	72.7		66.2	99.4	
182	2.3		1.8	2.6	

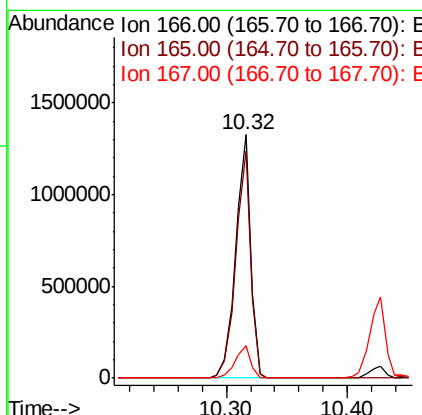
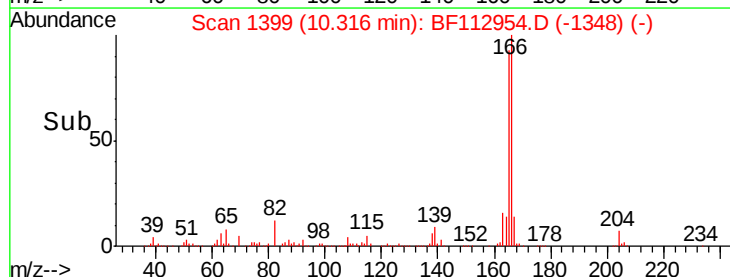
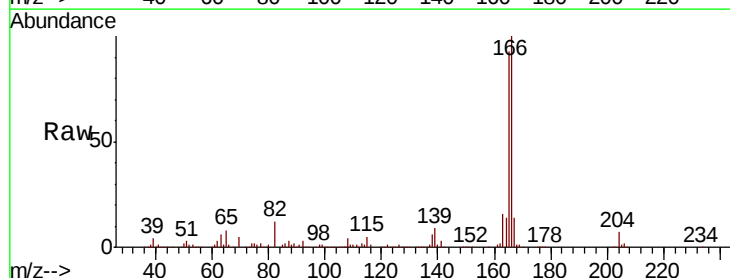
Manual Integrations
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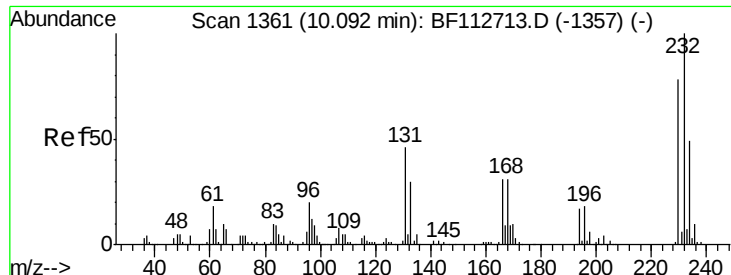
Sohil
3/12/2019 4:28:32 PM



#58
Fluorene
Concen: 38.359 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1149919		
165	93.4		74.7	112.1	
167	13.5		11.0	16.6	





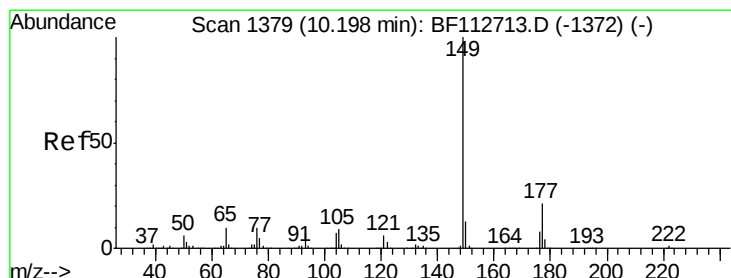
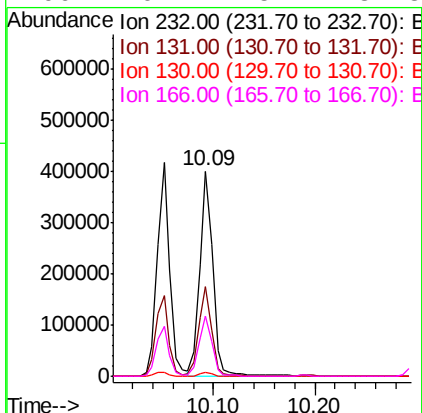
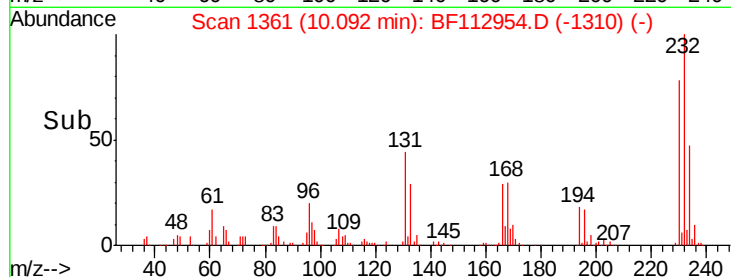
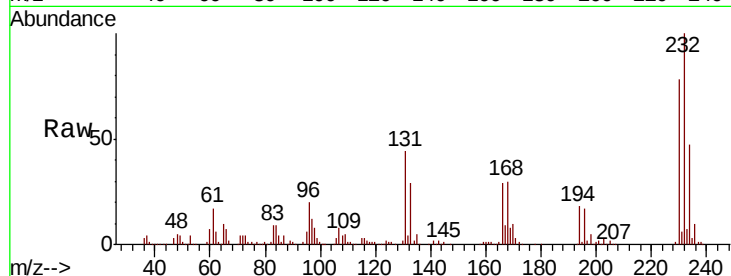
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.109 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF112954.D
 Acq: 11 Mar 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.1	38.7	58.1
130	2.0	1.9	2.9
166	29.2	25.2	37.8

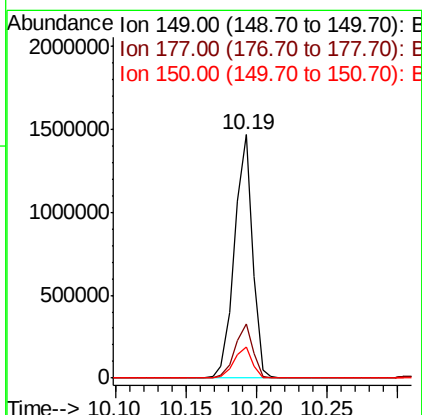
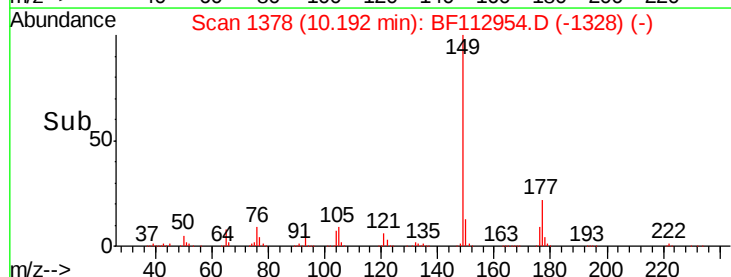
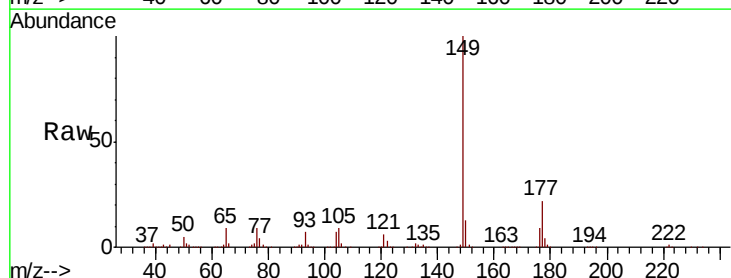
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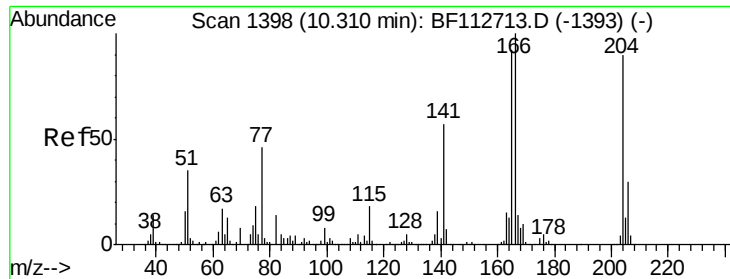
Sohil
 3/12/2019 4:28:32 PM



#60
 Diethylphthalate
 Concen: 36.580 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF112954.D
 Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.6
150	12.7	10.0	15.0





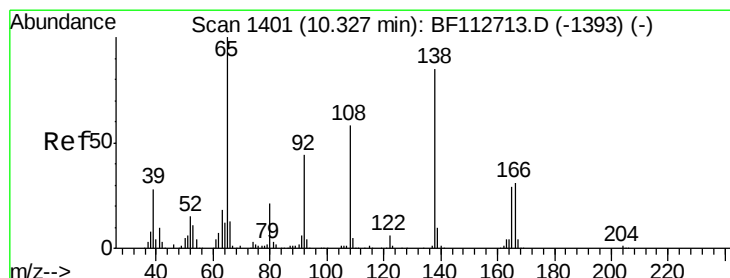
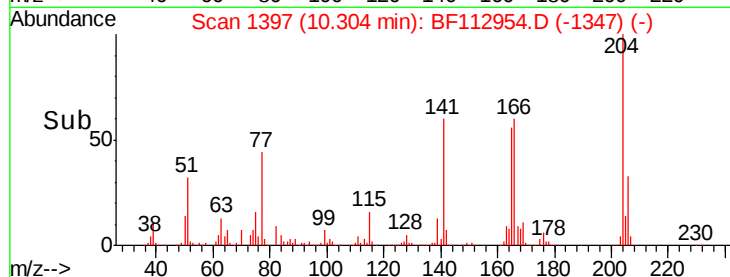
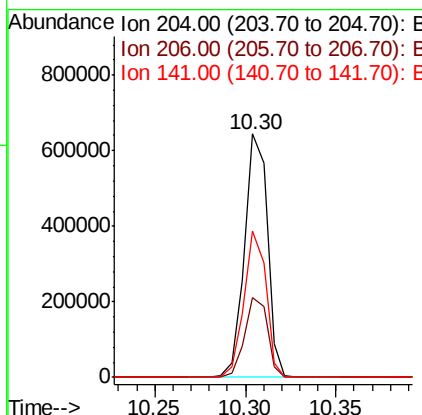
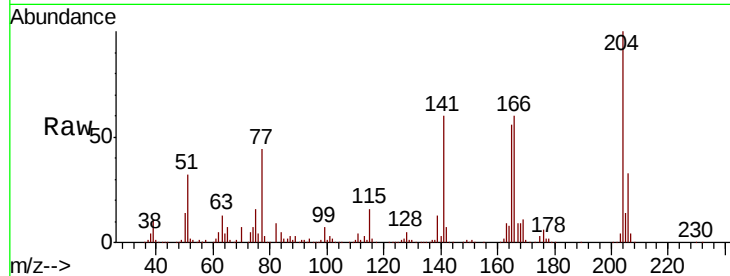
#61
4-Chlorophenyl-phenylether
Concen: 40.678 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	40.0
141	60.0	50.8	76.2

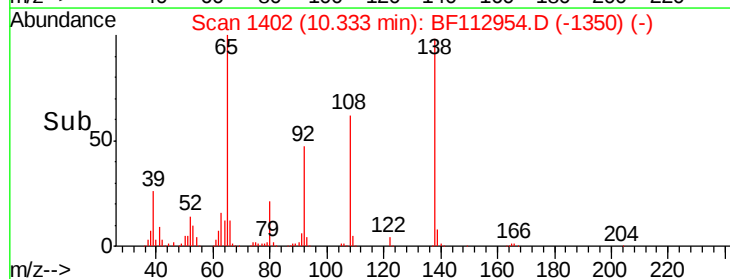
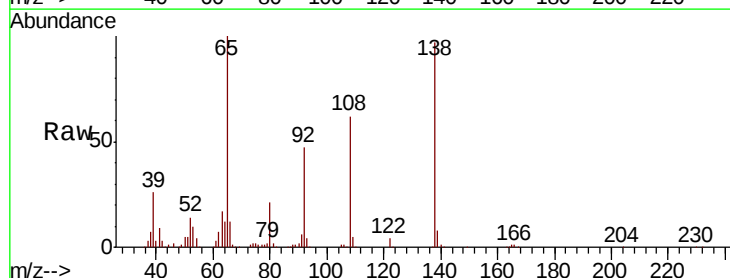
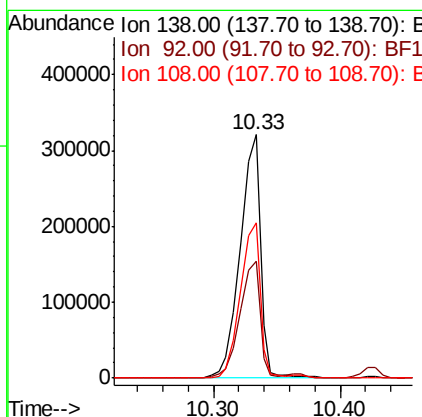
Manual Integrations
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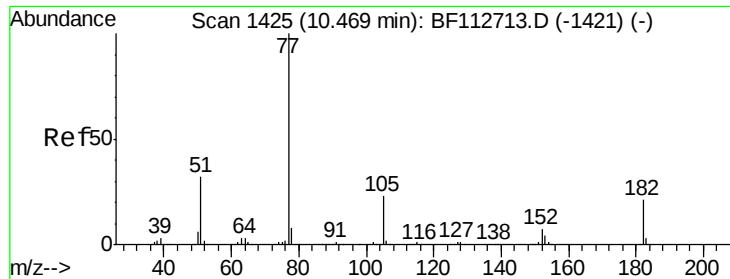
Sohil
3/12/2019 4:28:32 PM



#62
4-Nitroaniline
Concen: 44.927 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	31.3	71.3
108	63.9	48.1	88.1





#63

Azobenzene

Concen: 34.694 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1271926

Ion Ratio Lower Upper

77 100

182 26.8 1.4 41.4

105 23.7 2.6 42.6

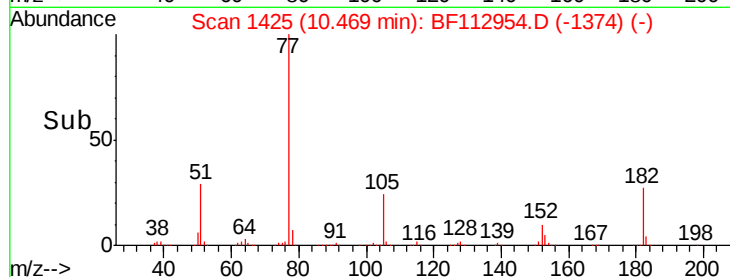
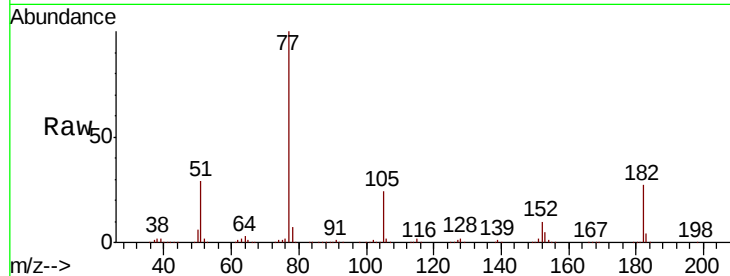
51 29.3 12.0 52.0

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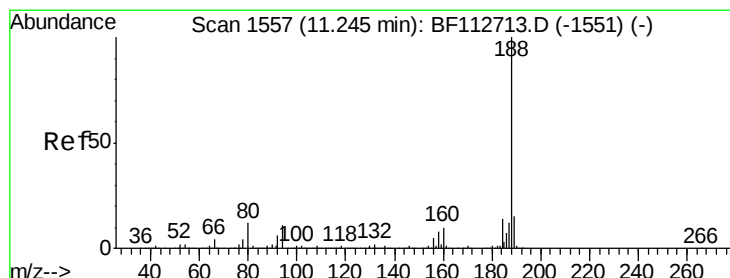
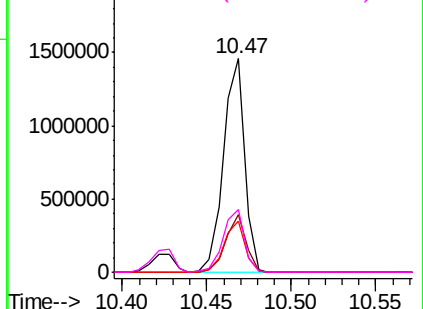


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

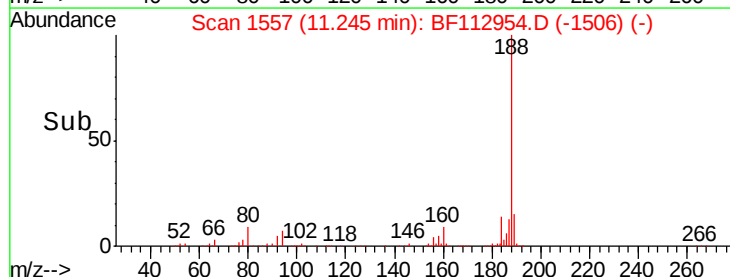
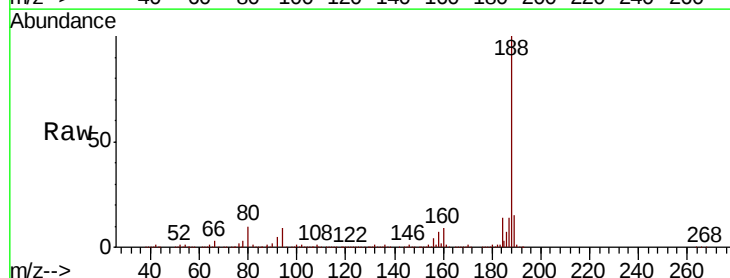
Tgt Ion: 188 Resp: 923542

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.4

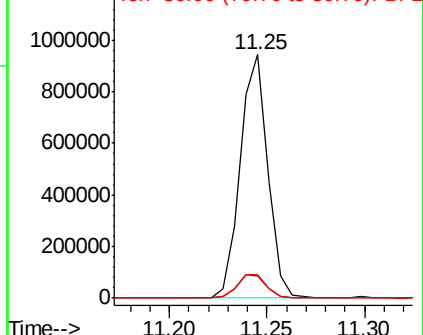
80 9.7 9.2 13.8

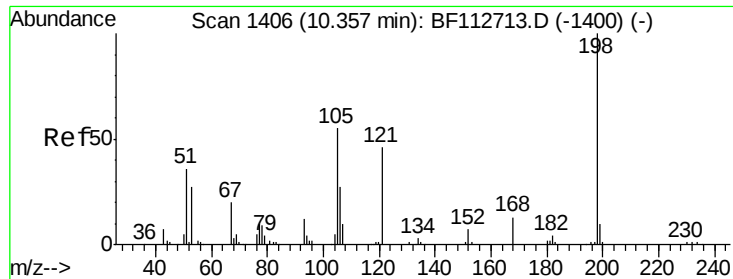


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 48.703 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:198 Resp: 185098

Ion Ratio Lower Upper

198 100

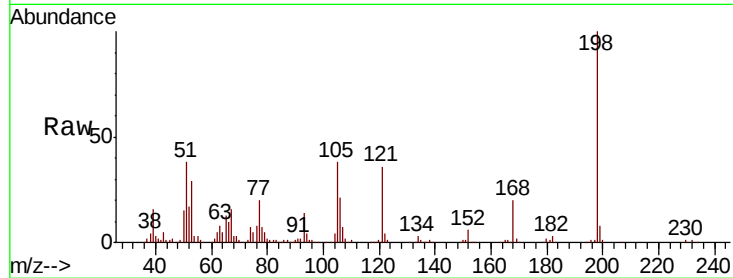
51 38.1 43.8 83.8#

105 37.9 36.5 76.5

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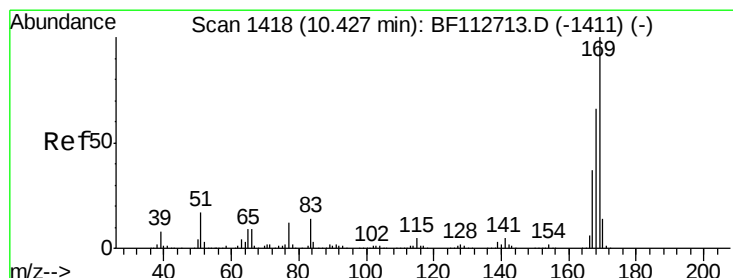
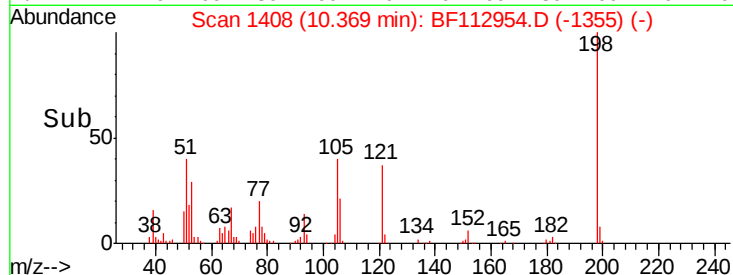
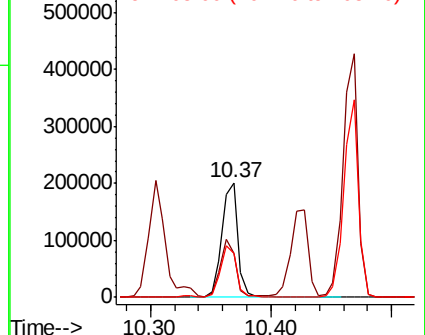
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.726 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

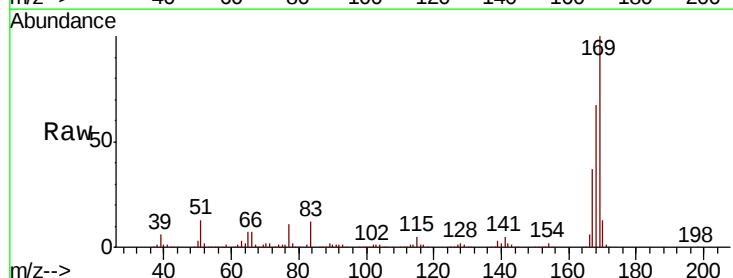
Tgt Ion:169 Resp: 1087773

Ion Ratio Lower Upper

169 100

168 66.9 53.0 79.6

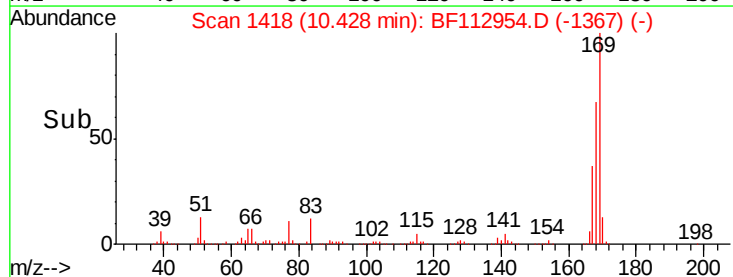
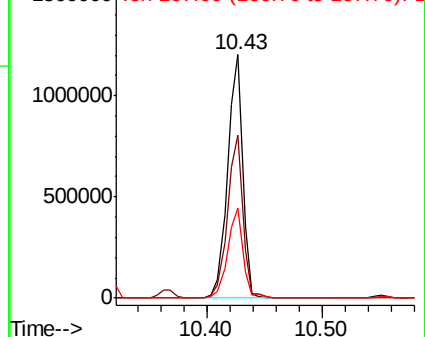
167 36.7 29.3 43.9

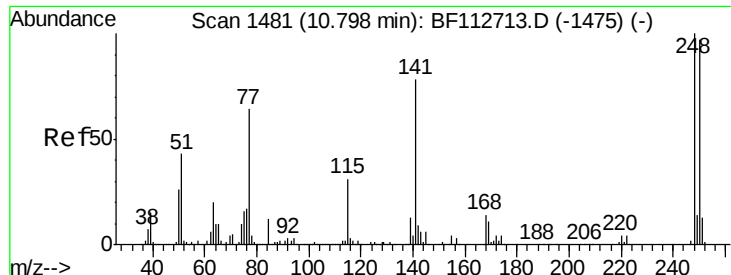


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.596 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

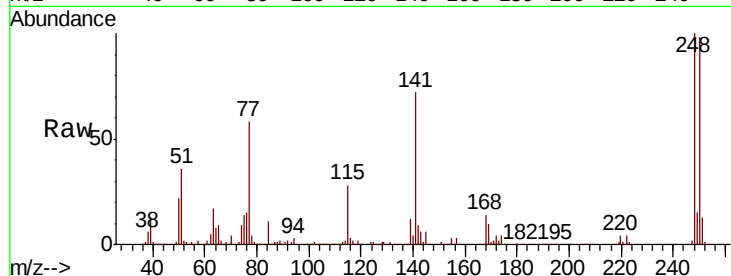
ClientSampleId :

SSTDCCC040

Tot Ion:	248	Resp:	394900
Ion Ratio	Lower	Upper	
248	100		
250	97.6	77.5	116.3
141	72.2	62.4	93.6

Manual Integrations
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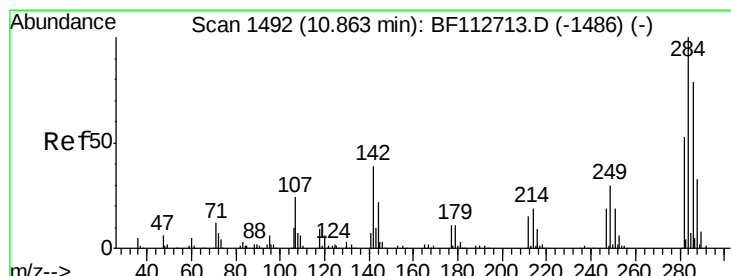
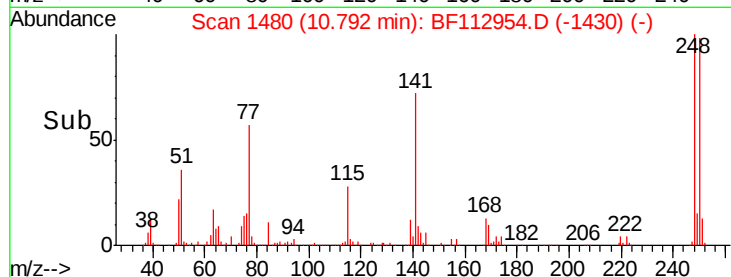
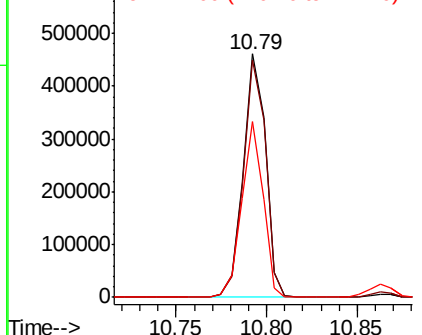


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.569 ng

RT: 10.86 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

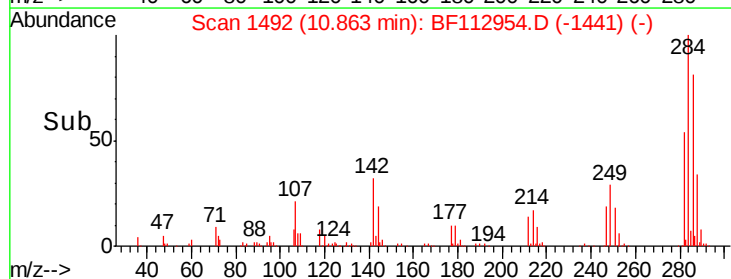
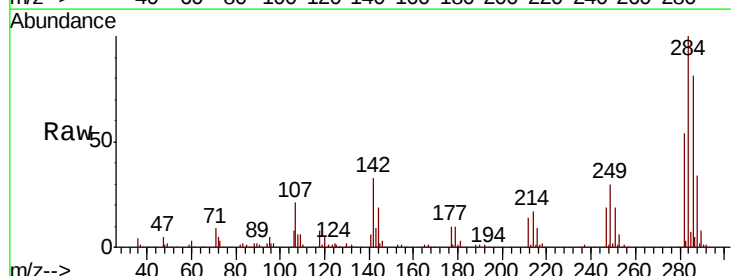
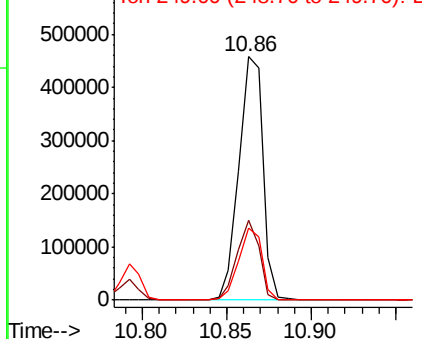
Tgt Ion:	284	Resp:	455823
Ion Ratio	Lower	Upper	
284	100		
142	33.0	31.0	46.6
249	29.8	23.6	35.4

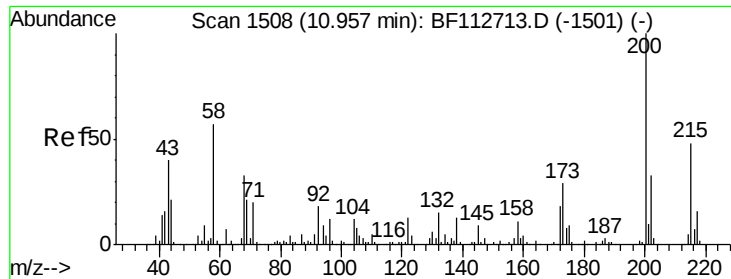
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





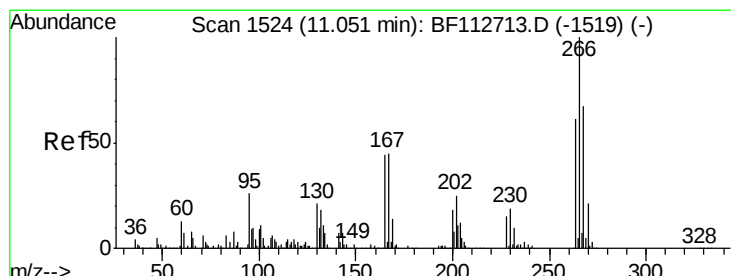
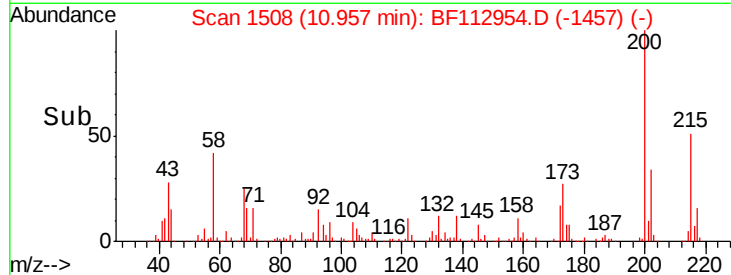
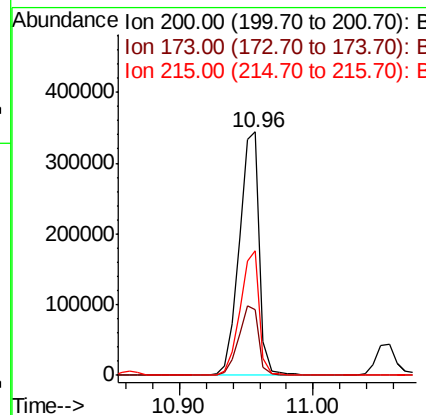
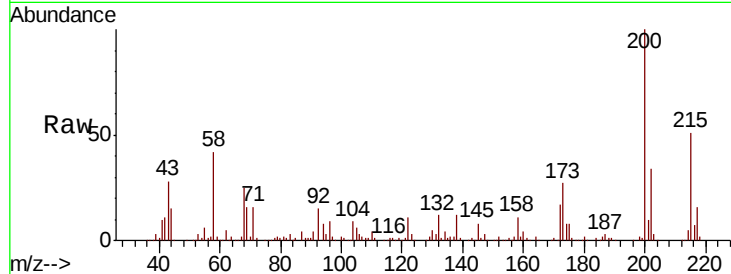
#69
Atrazine
Concen: 40.012 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	9.1	49.1
215	51.2	28.2	68.2

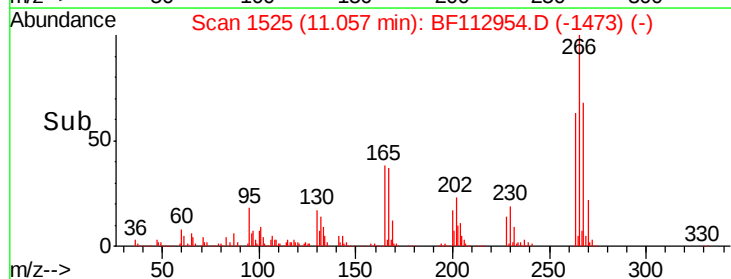
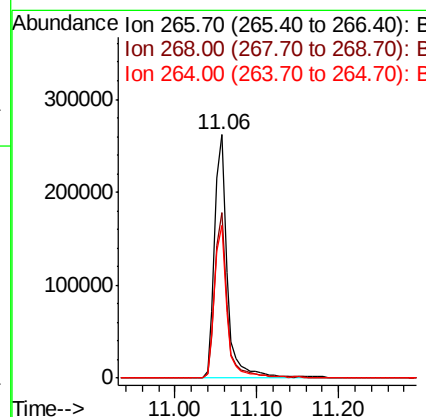
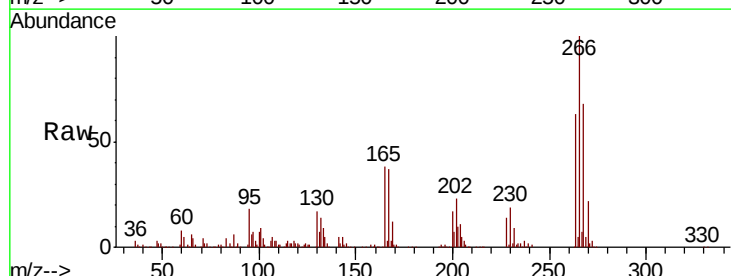
Manual Integrations
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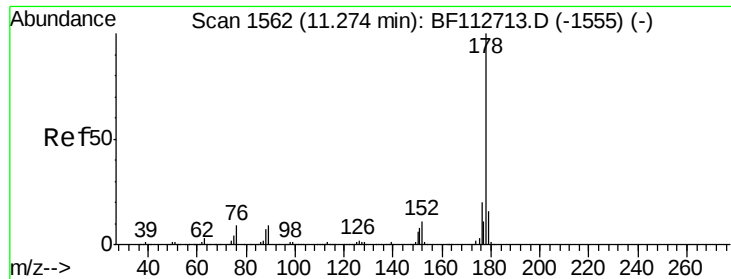
Sohil
3/12/2019 4:28:32 PM



#70
Pentachlorophenol
Concen: 43.996 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.1	53.3	79.9
264	62.9	48.9	73.3





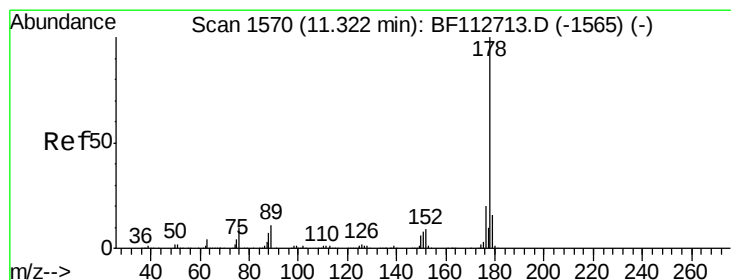
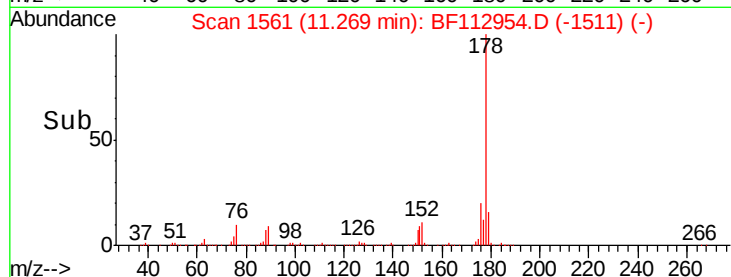
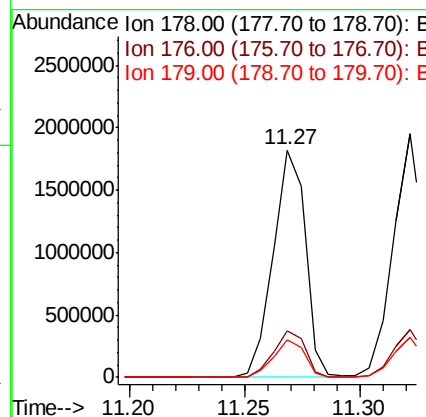
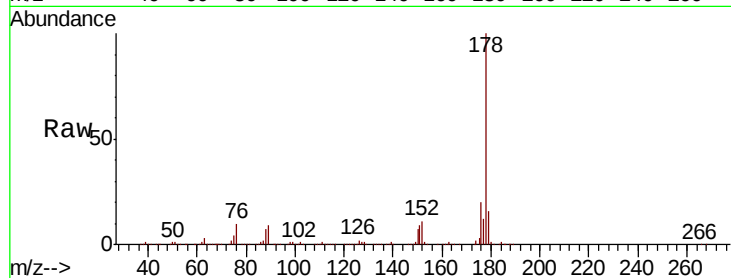
#71
Phenanthrene
Concen: 38.499 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1769015
Ion Ratio Lower Upper
178 100
176 20.4 16.3 24.5
179 16.3 12.7 19.1

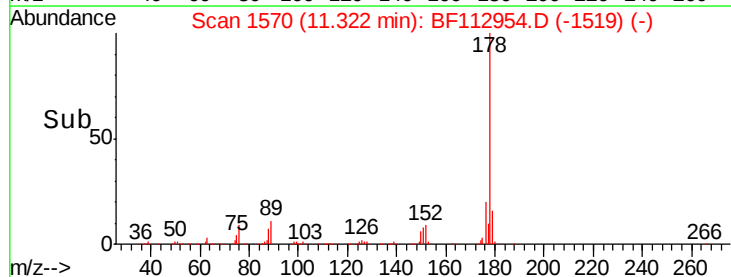
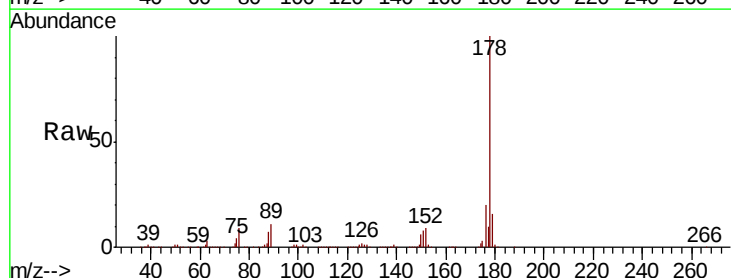
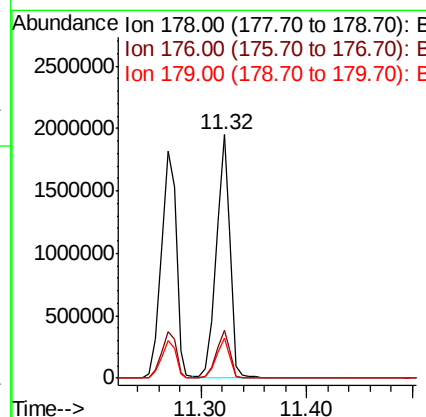
Manual Integrations
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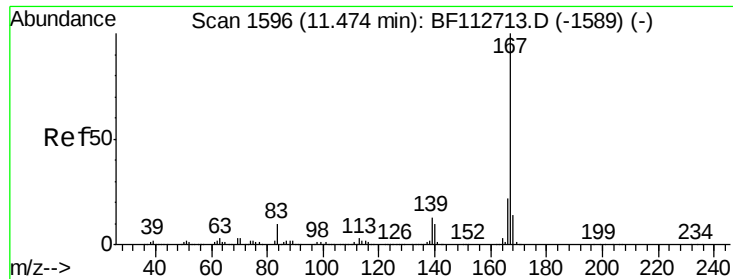
Sohil
3/12/2019 4:28:32 PM



#72
Anthracene
Concen: 37.316 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion:178 Resp: 1794886
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.4 13.0 19.6





#73
 Carbazole
 Concen: 37.136 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF112954.D
 Acq: 11 Mar 2019 14:57

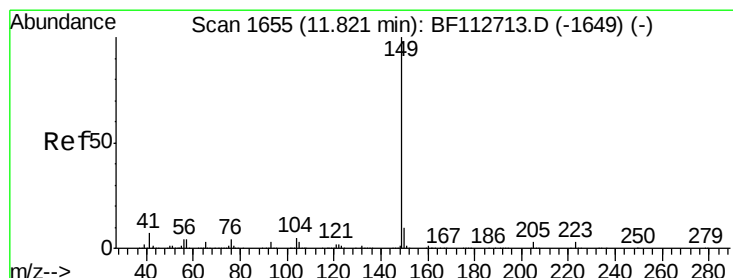
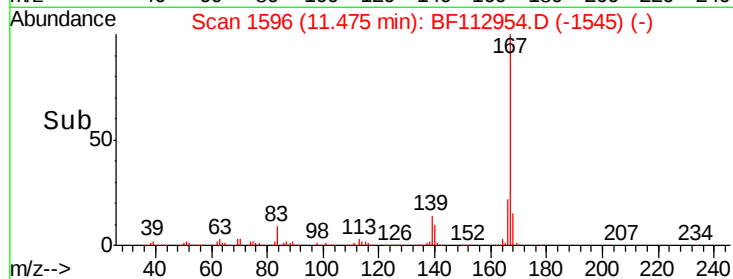
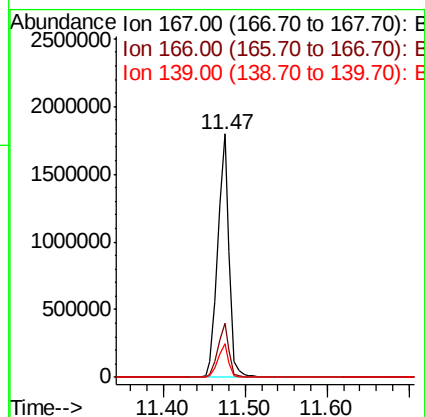
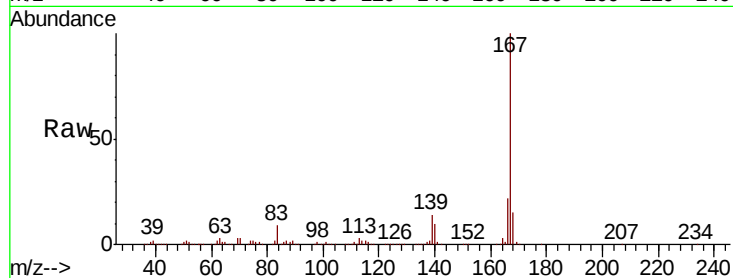
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1742467

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.5	26.3
139	13.7	10.8	16.2

Manual Integrations
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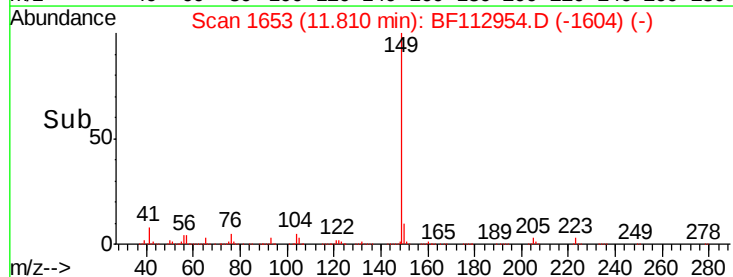
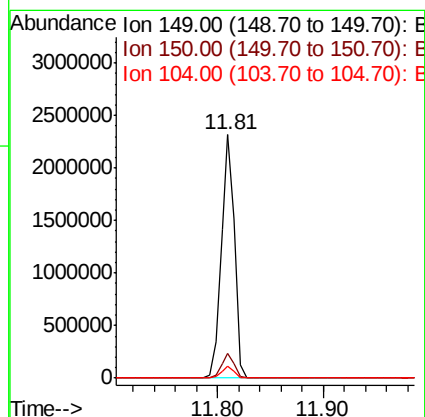
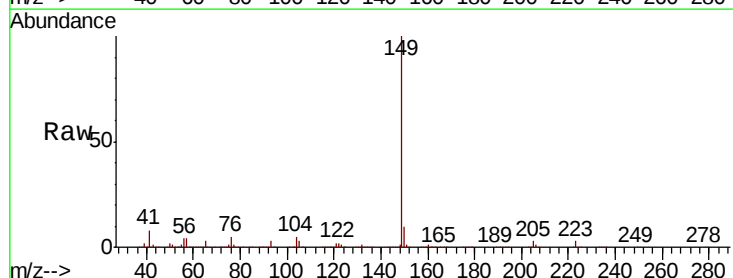
Sohil
 3/12/2019 4:28:32 PM

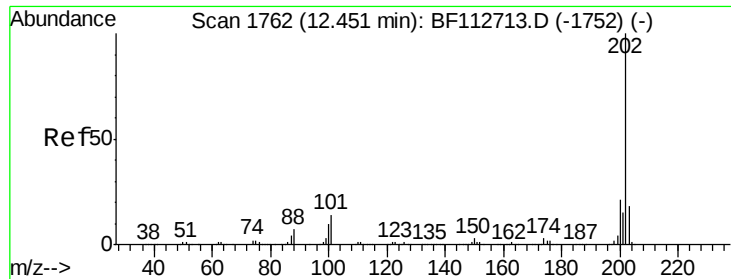


#74
 Di-n-butylphthalate
 Concen: 36.268 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112954.D
 Acq: 11 Mar 2019 14:57

Tgt Ion:149 Resp: 2040511

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	4.9	3.7	5.5





#75

Fluoranthene

Concen: 38.721 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

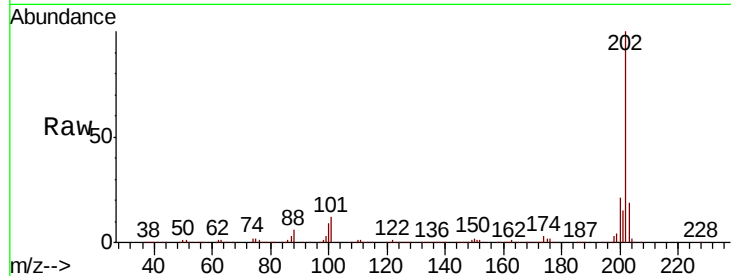
ClientSampled :

SSTDCCC040

Tot Ion:	202	Resp:	1906220
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.8
203	18.5	0.0	38.4

Manual Integrations
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Sohil
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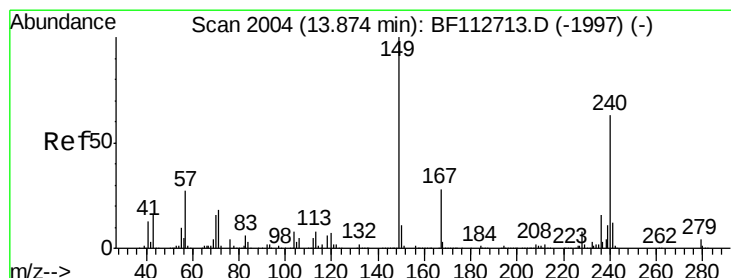
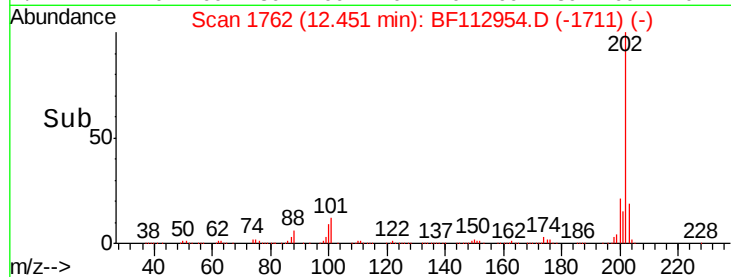
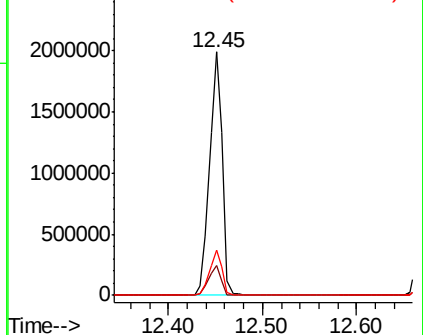


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

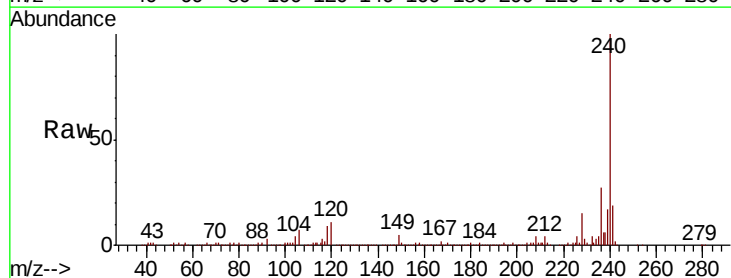
RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Tgt Ion:	240	Resp:	647418
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	26.7	20.7	31.1

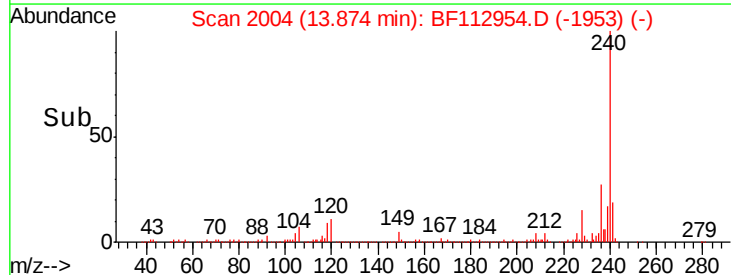
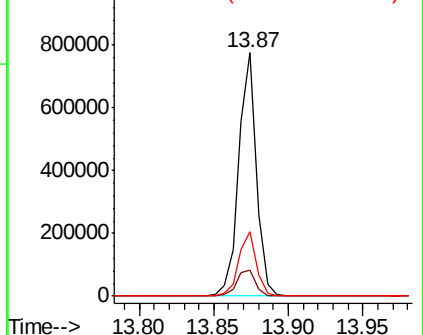


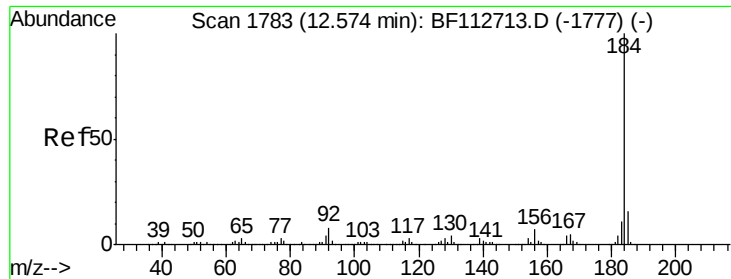
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.773 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:184 Resp: 1100832

Ion Ratio Lower Upper

184 100

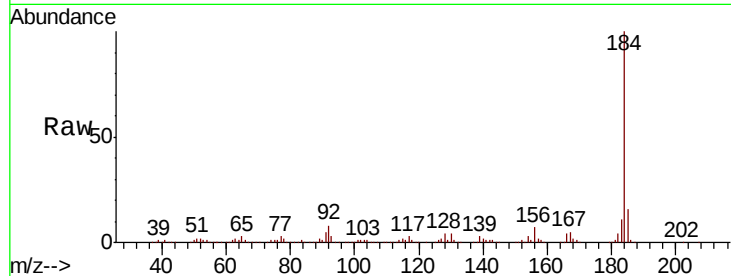
185 15.7 12.6 18.8

183 11.1 8.6 12.8

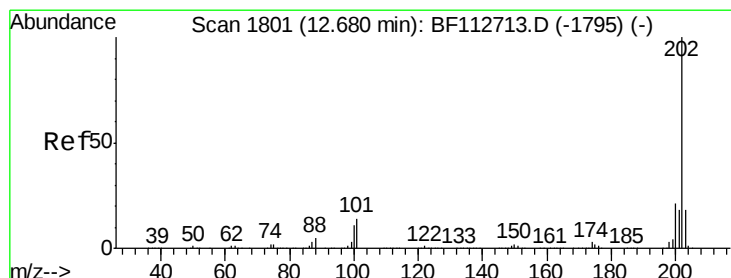
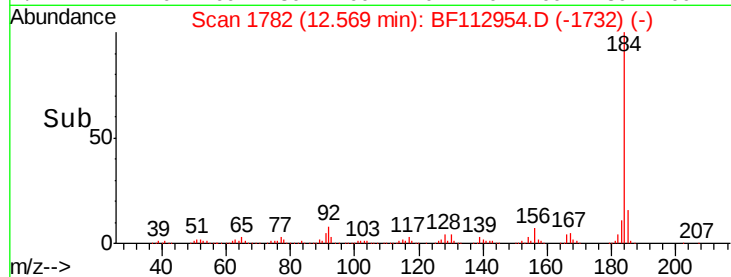
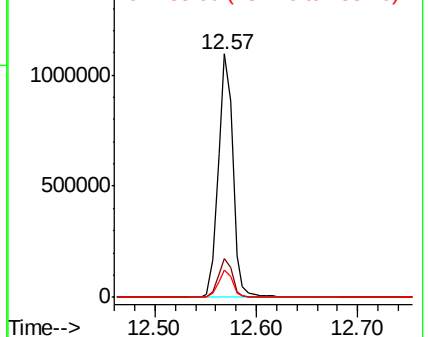
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
1500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.771 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

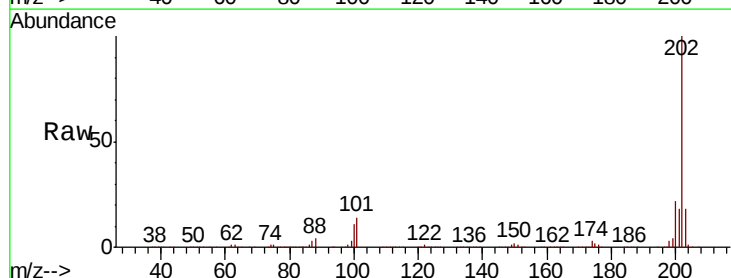
Tgt Ion:202 Resp: 1952325

Ion Ratio Lower Upper

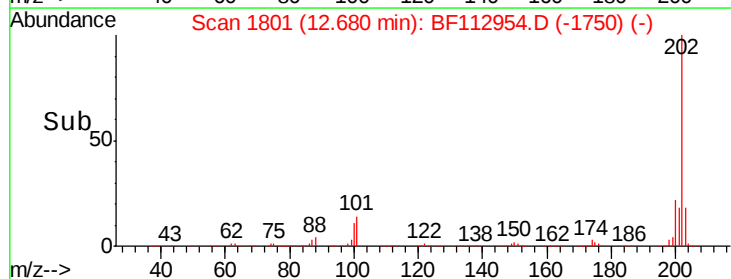
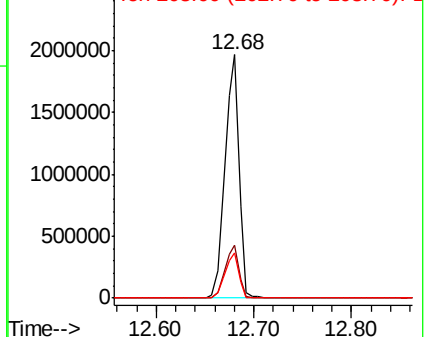
202 100

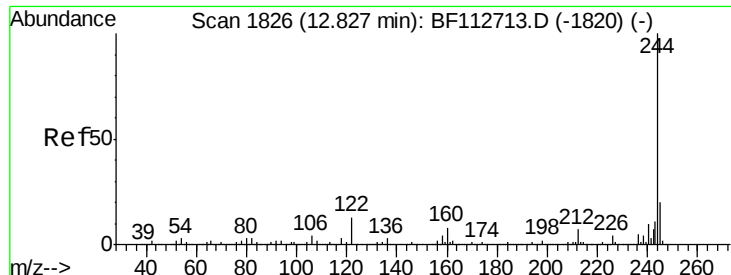
200 21.5 17.0 25.4

203 18.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





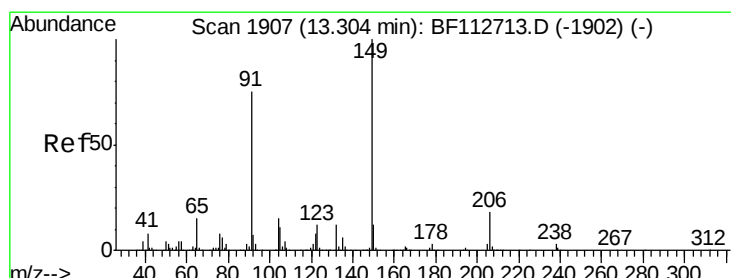
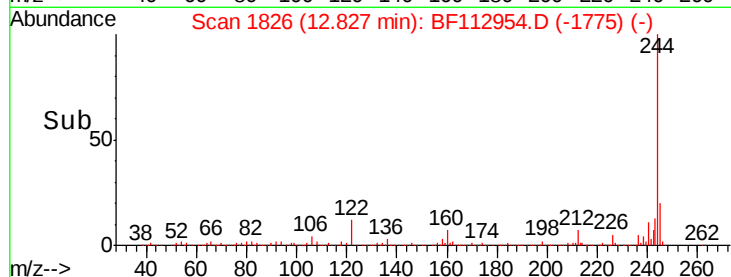
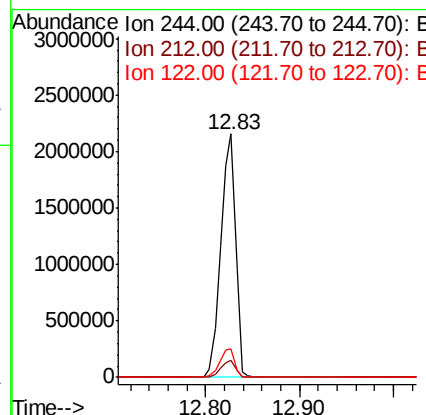
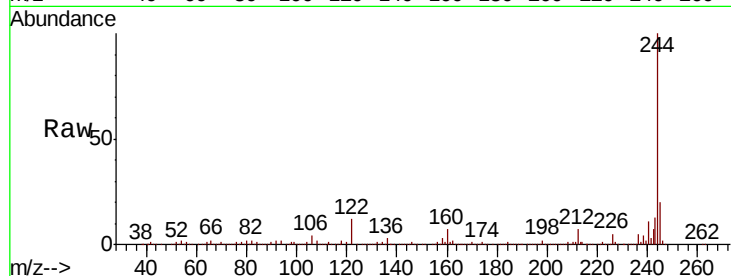
#79
 Terphenyl-d14
 Concen: 71.251 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112954.D
 Acq: 11 Mar 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.6	10.5	15.7

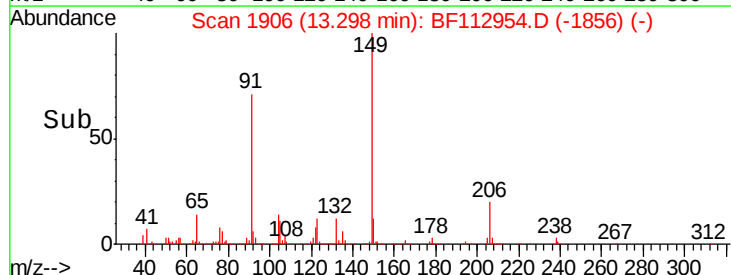
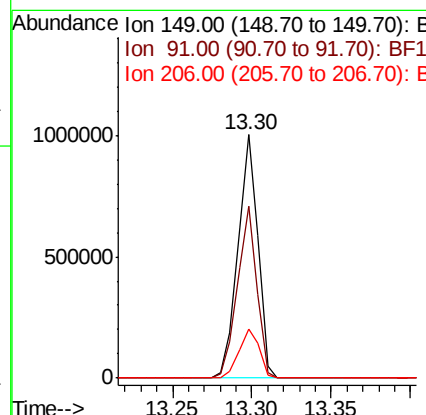
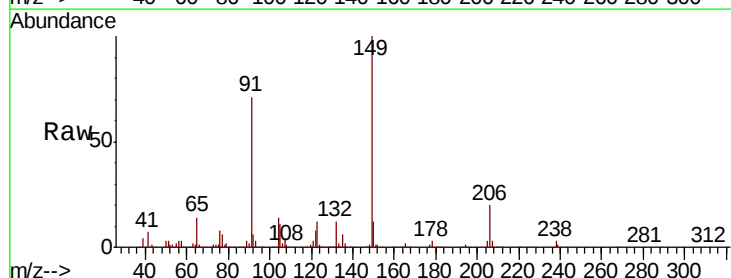
Manual Integrations
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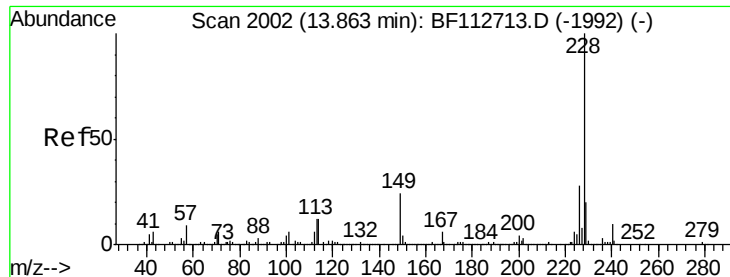
Sohil
 3/12/2019 4:28:32 PM



#80
 Butylbenzylphthalate
 Concen: 36.288 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF112954.D
 Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	59.9	89.9
206	20.1	14.7	22.1





#81

Benzo(a)anthracene

Concen: 33.587 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1507081

Ion Ratio Lower Upper

228 100

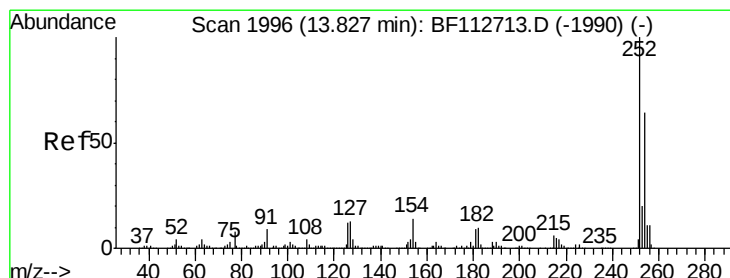
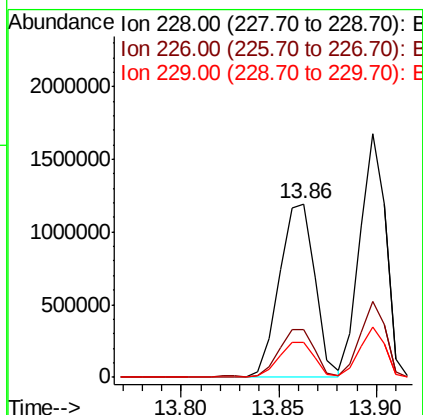
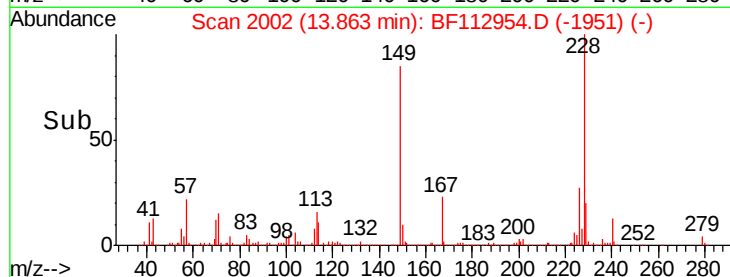
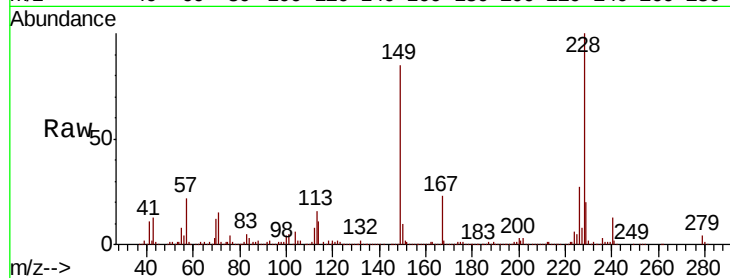
226 27.5 22.2 33.4

229 20.3 16.0 24.0

Manual Integrations
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Sohil

3/12/2019 4:28:32 PM



#82

3,3'-Dichlorobenzidine

Concen: 37.503 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF112954.D

Acq: 11 Mar 2019 14:57

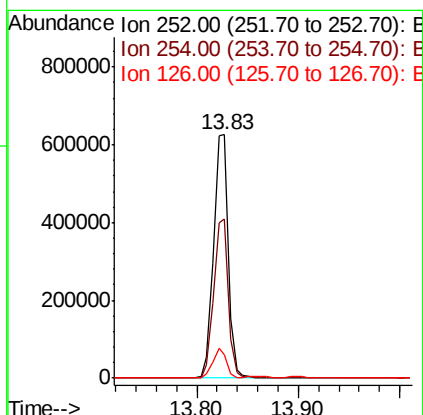
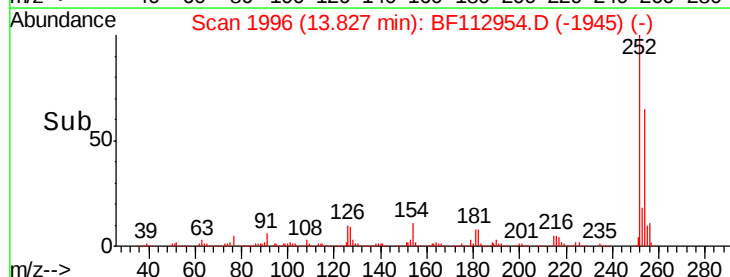
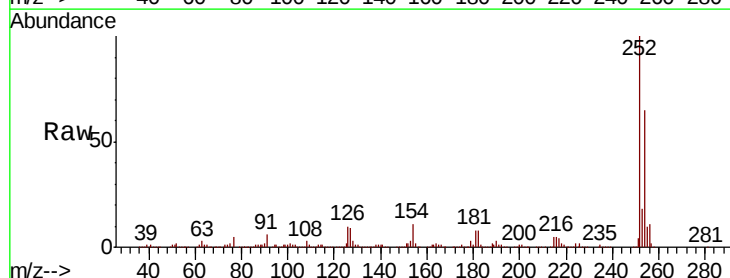
Tgt Ion:252 Resp: 636425

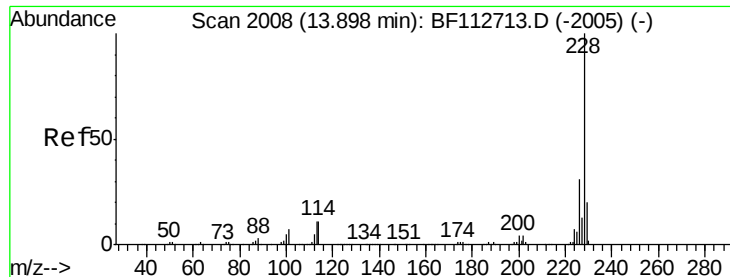
Ion Ratio Lower Upper

252 100

254 65.1 51.1 76.7

126 9.6 9.9 14.9#





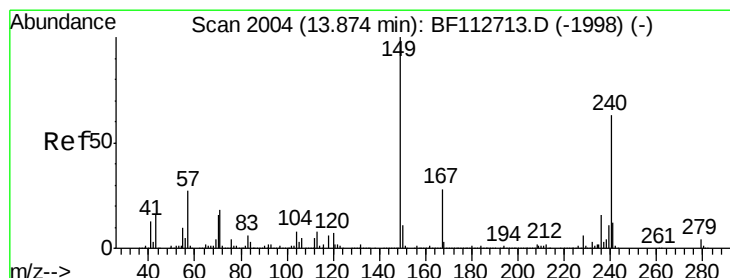
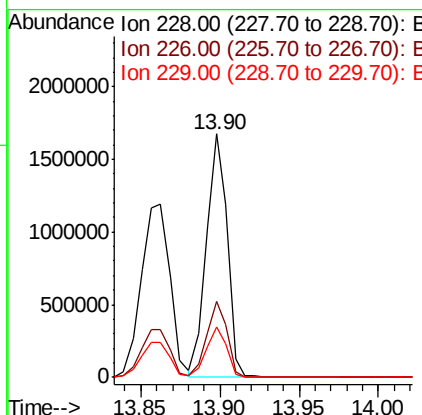
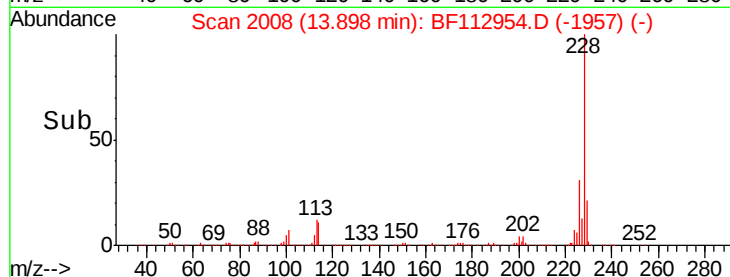
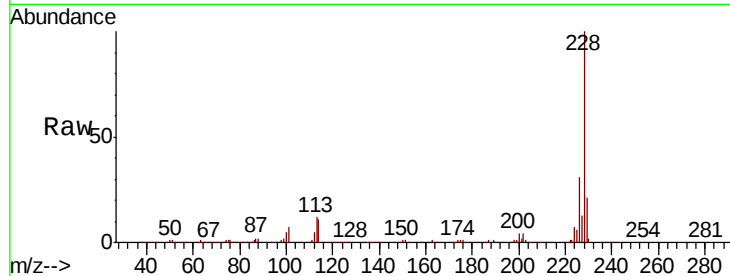
#83
Chrysene
Concen: 35.163 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.8	16.3	24.5

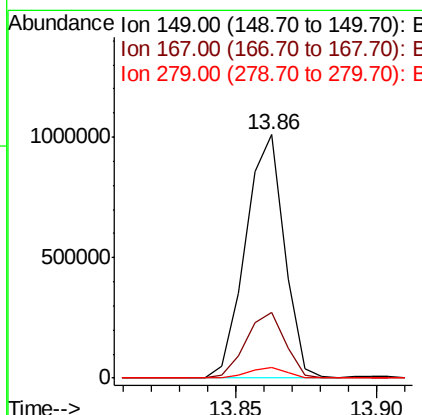
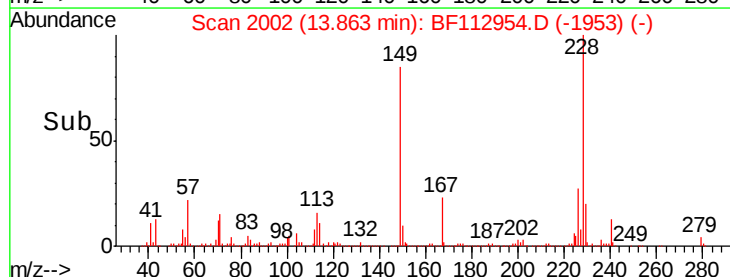
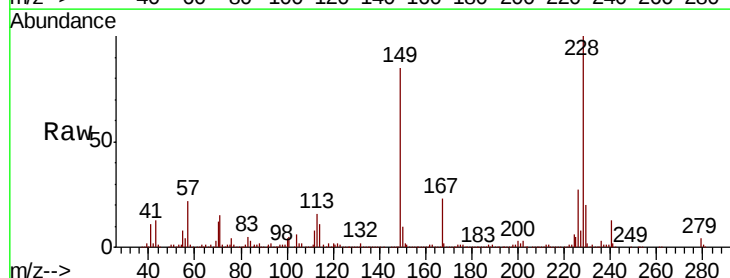
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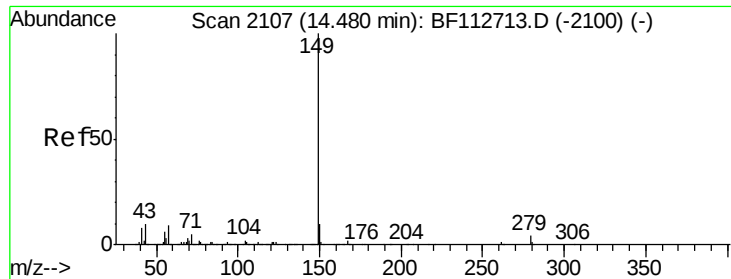
Sohil
3/12/2019 4:28:32 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.129 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.4	33.6
279	4.6	3.3	4.9





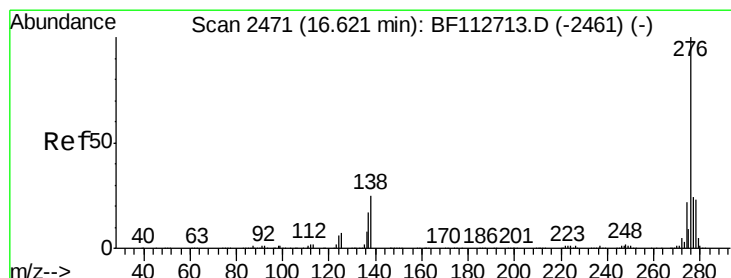
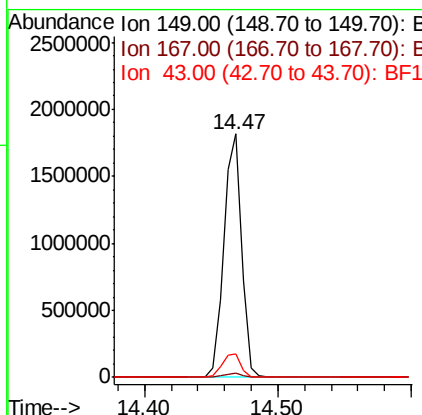
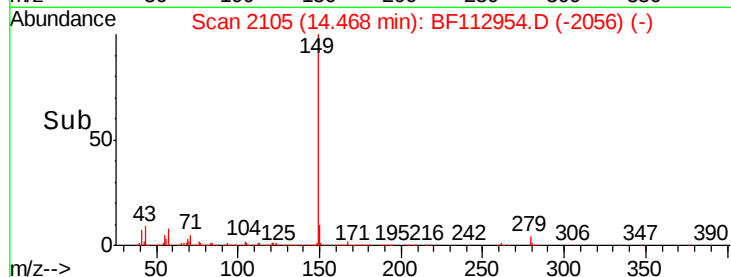
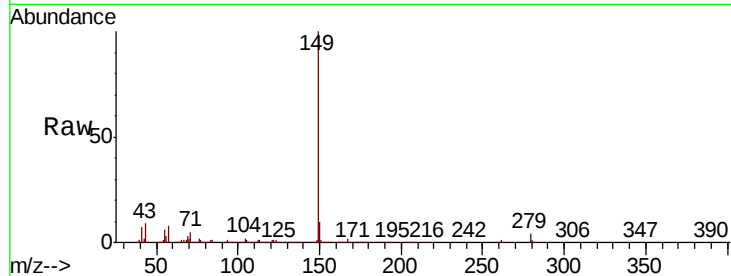
#85
Di-n-octyl phthalate
Concen: 35.180 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.9	9.0	13.4	

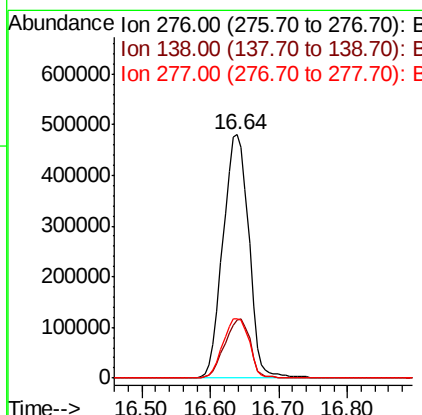
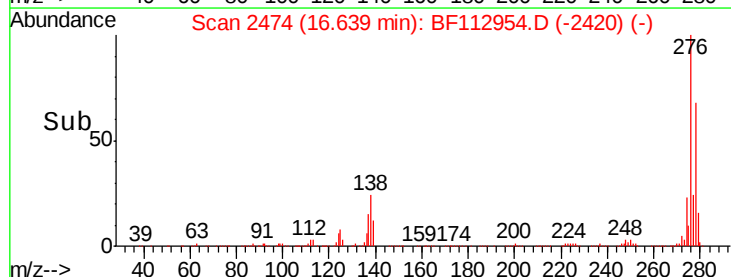
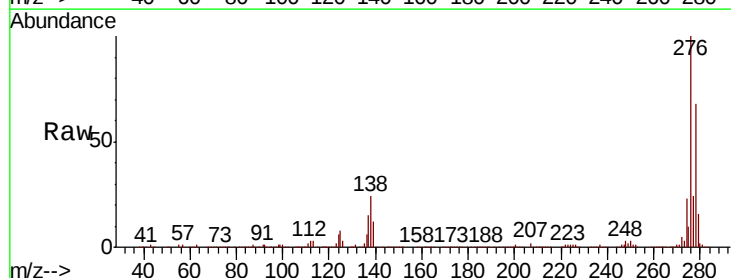
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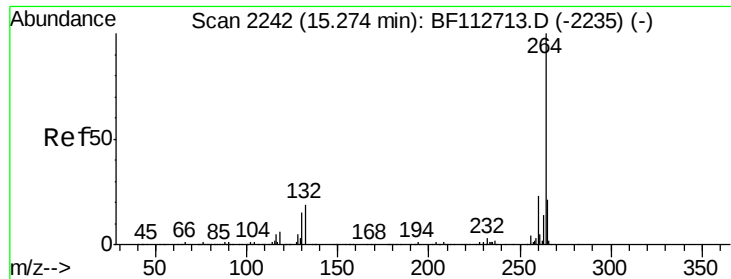
Sohil
3/12/2019 4:28:32 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.531 ng
RT: 16.64 min Scan# 2474
Delta R.T. 0.02 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	24.0	23.2	34.8	
277	25.0	19.9	29.9	





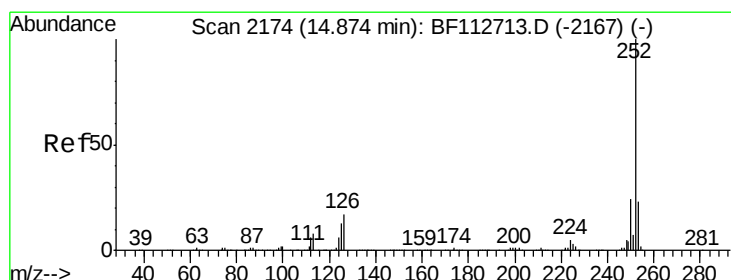
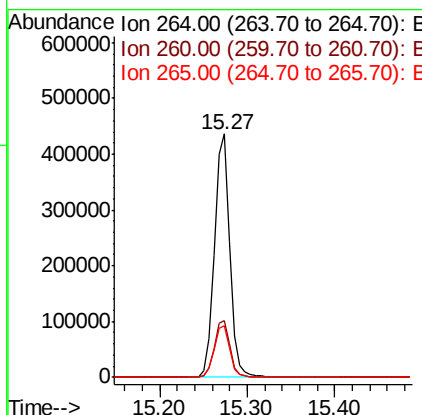
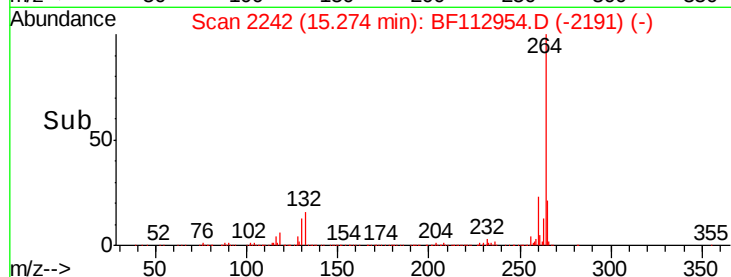
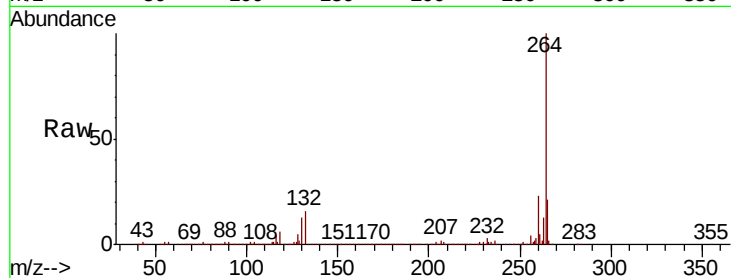
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	17.2	25.8

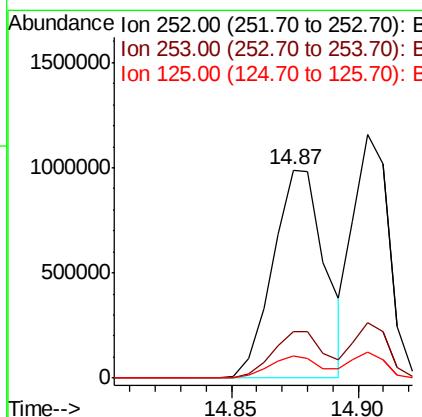
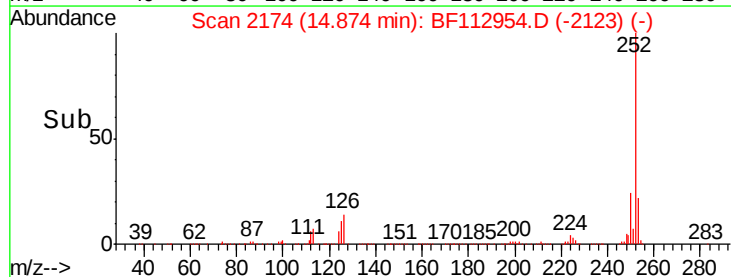
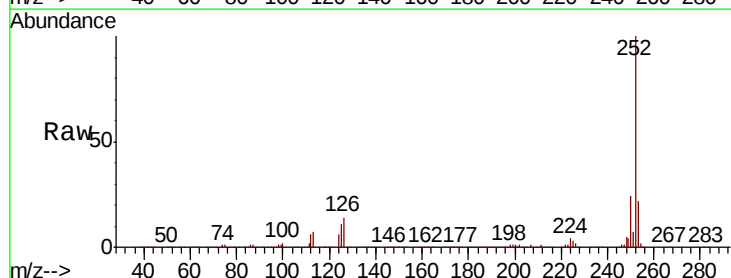
Manual Integrations
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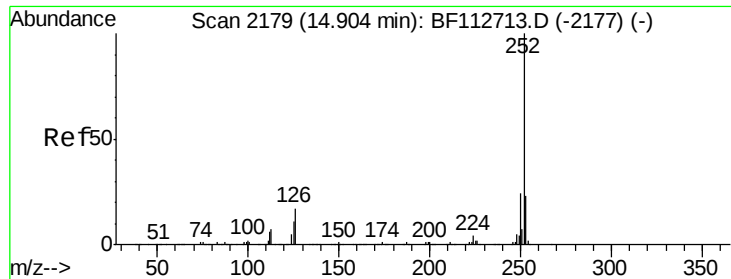
Sohil
3/12/2019 4:28:32 PM



#88
Benzo(b)fluoranthene
Concen: 41.088 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.9	10.2	15.2





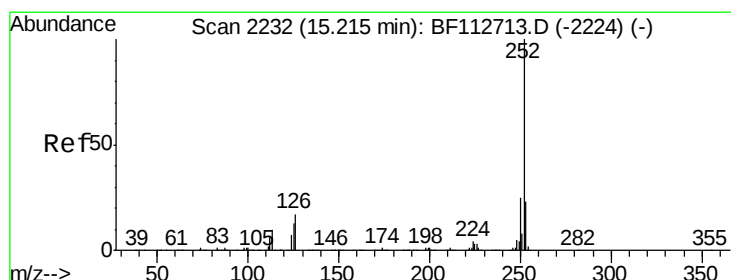
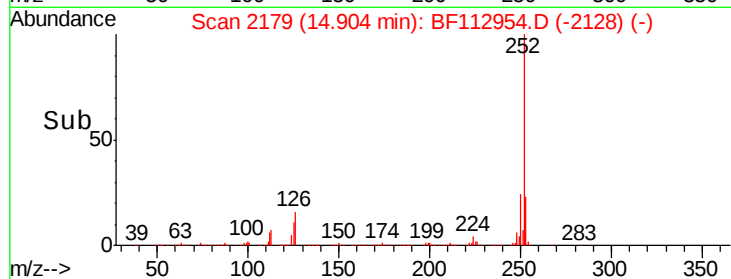
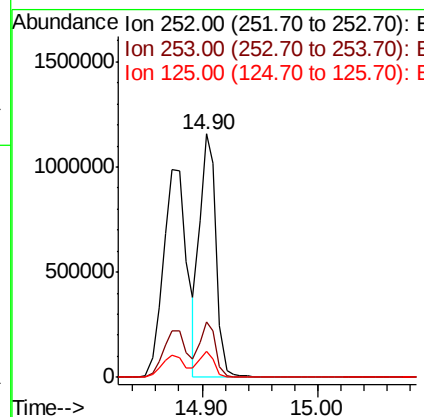
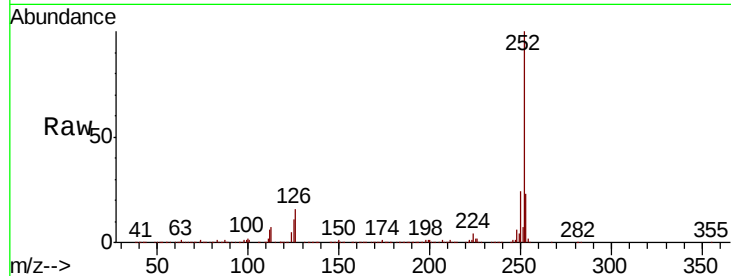
#89
Benzo(k)fluoranthene
Concen: 36.605 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.9	9.8	14.6

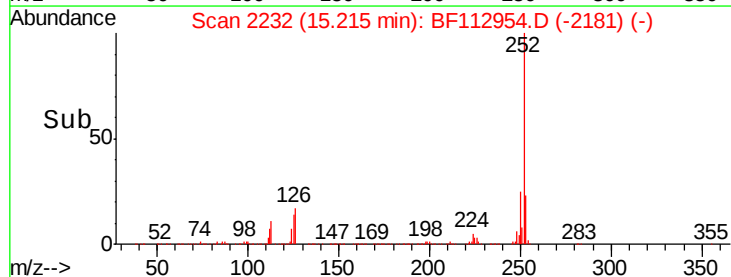
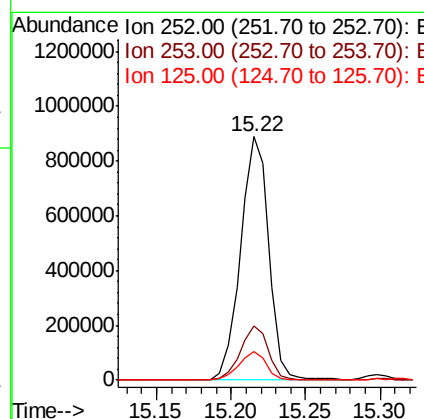
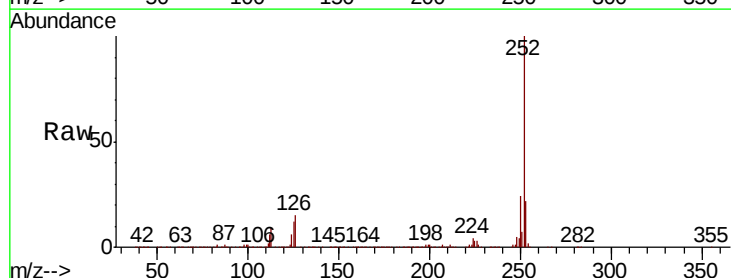
Manual Integrations
APPROVED

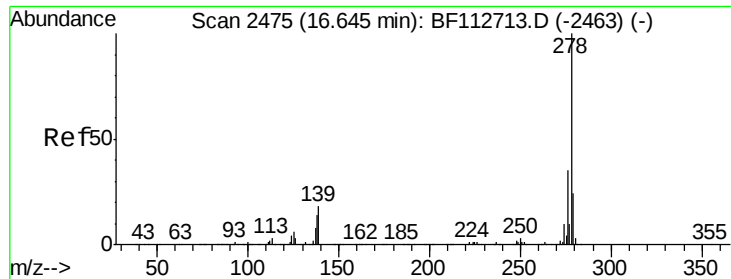
Sohil
3/12/2019 4:28:32 PM



#90
Benzo(a)pyrene
Concen: 38.180 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.7	10.7	16.1





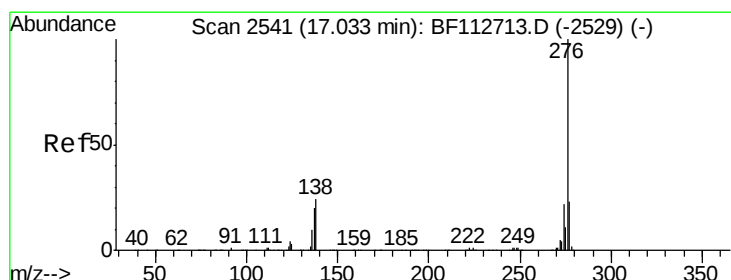
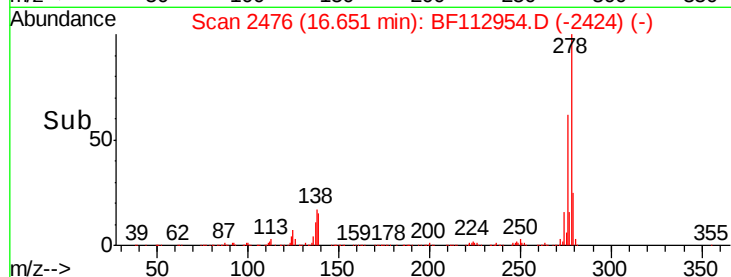
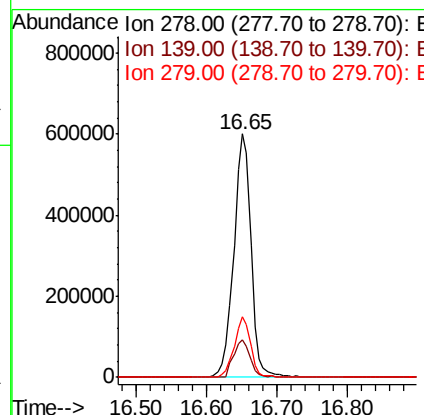
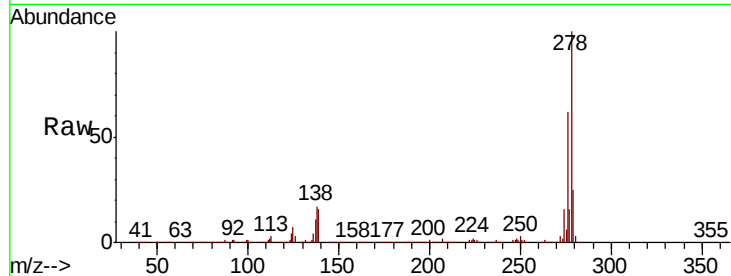
#91
Dibenzo(a,h)anthracene
Concen: 39.225 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	14.3	21.5
279	24.7	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/12/2019 4:28:32 PM



#92
Benzo(g,h,i)perylene
Concen: 40.044 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF112954.D
Acq: 11 Mar 2019 14:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	21.5	19.4	29.0

