

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113030.D
 Acq On : 13 Mar 2019 10:46
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 3/13/2019 4:33:45 PM

Quant Time: Mar 13 12:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	181953	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	704064	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	291309	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	522276	20.00	ng	0.00
76) Chrysene-d12	13.87	240	477450	20.00	ng	0.00
87) Perylene-d12	15.27	264	408830	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	881265	75.34	ng	0.00
7) Phenol-d6	6.37	99	1074504	73.13	ng	0.00
23) Nitrobenzene-d5	7.30	82	996738	84.71	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	261985	84.71	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1610062	94.28	ng	0.00
79) Terphenyl-d14	12.82	244	1604256	65.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	201201	34.315	ng	97
3) Pyridine	3.09	79	523865	33.396	ng	97
4) n-Nitrosodimethylamine	3.02	42	202808	29.555	ng	97
6) Aniline	6.39	93	681407	33.691	ng	# 46
8) 2-Chlorophenol	6.52	128	495945	38.088	ng	94
9) Benzaldehyde	6.27	77	325247	30.721	ng	99
10) Phenol	6.39	94	607692	35.442	ng	# 71
11) bis(2-Chloroethyl)ether	6.47	93	475016	36.094	ng	98
12) 1,3-Dichlorobenzene	6.67	146	526444	39.138	ng	98
13) 1,4-Dichlorobenzene	6.75	146	521866	38.687	ng	98
14) 1,2-Dichlorobenzene	6.90	146	476489	38.532	ng	99
15) Benzyl Alcohol	6.88	79	393883	35.155	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	804874	36.647	ng	96
17) 2-Methylphenol	7.00	107	401839	38.041	ng	97
18) Hexachloroethane	7.25	117	197931	38.305	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	332085	35.685	ng	99
20) 3+4-Methylphenols	7.15	107	454334	38.097	ng	# 83
22) Acetophenone	7.15	105	678996	41.244	ng	# 94
24) Nitrobenzene	7.32	77	522571	39.904	ng	99
25) Isophorone	7.56	82	929968	36.687	ng	98
26) 2-Nitrophenol	7.63	139	269397	49.417	ng	99
27) 2,4-Dimethylphenol	7.67	122	386694	38.128	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	614071	38.747	ng	99
29) 2,4-Dichlorophenol	7.87	162	407703	41.454	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	433563	41.027	ng	99
31) Naphthalene	8.04	128	1343516	38.435	ng	100
32) Benzoic acid	7.79	122	283326	39.858	ng	92
33) 4-Chloroaniline	8.09	127	572547	38.672	ng	100
34) Hexachlorobutadiene	8.16	225	267988	44.965	ng	99
35) Caprolactam	8.46	113	125651	36.273	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	400340	36.781	ng	96
37) 2-Methylnaphthalene	8.73	142	863731	38.263	ng	99
38) 1-Methylnaphthalene	8.83	142	813931	37.222	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	402124	47.337	ng	98

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040EC

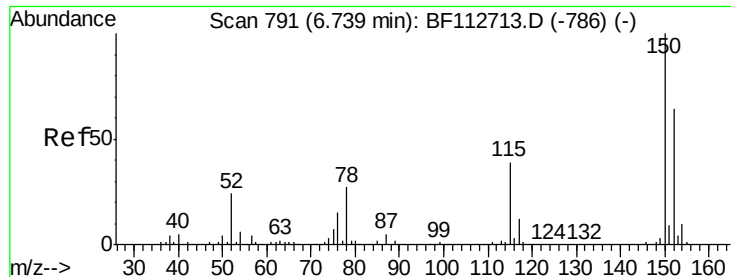
Manual Integrations
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 3/13/2019 4:33:45 PM

Quant Time: Mar 13 12:41:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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 QLast Update : Wed Mar 13 03:42:55 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	83708	17.995	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	256341	43.846	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	275798	43.644	ng	97
46) 1,1'-Biphenyl	9.19	154	1036887	43.639	ng	99
47) 2-Chloronaphthalene	9.22	162	767697	41.378	ng	98
48) 2-Nitroaniline	9.31	65	237513	42.117	ng	87
49) Acenaphthylene	9.63	152	1220408	38.747	ng	99
50) Dimethylphthalate	9.49	163	913786	42.542	ng	99
51) 2,6-Dinitrotoluene	9.55	165	196053	43.831	ng #	79
52) Acenaphthene	9.80	154	676611	36.734	ng	98
53) 3-Nitroaniline	9.72	138	217092	39.831	ng	96
54) 2,4-Dinitrophenol	9.82	184	35481	24.281	ng	90
55) Dibenzofuran	9.97	168	998334	37.292	ng	97
56) 4-Nitrophenol	9.88	139	147394	33.275	ng	94
57) 2,4-Dinitrotoluene	9.95	165	234637	42.201	ng #	85
58) Fluorene	10.31	166	723170	38.061	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	208218	39.549	ng	94
60) Diethylphthalate	10.19	149	847823	37.372	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	370502	41.911	ng	95
62) 4-Nitroaniline	10.32	138	202248	40.157	ng	96
63) Azobenzene	10.46	77	799277	34.398	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	59381	29.625	ng	87
66) n-Nitrosodiphenylamine	10.42	169	661865	39.515	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	233008	42.356	ng	92
68) Hexachlorobenzene	10.86	284	259854	41.904	ng #	88
69) Atrazine	10.94	200	204843	39.931	ng	98
70) Pentachlorophenol	11.05	266	149990	41.095	ng	98
71) Phenanthrene	11.27	178	1048691	40.357	ng	99
72) Anthracene	11.32	178	1080443	39.721	ng	100
73) Carbazole	11.47	167	1039933	39.191	ng	99
74) Di-n-butylphthalate	11.81	149	1276806	40.130	ng	100
75) Fluoranthene	12.45	202	1220596	43.843	ng	96
77) Benzidine	12.57	184	632189	25.521	ng	99
78) Pyrene	12.67	202	1258800	31.274	ng	100
80) Butylbenzylphthalate	13.30	149	576985	32.476	ng	89
81) Benzo(a)anthracene	13.86	228	1112446	33.618	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	465458	37.192	ng	99
83) Chrysene	13.90	228	1106961	34.152	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	735314	35.285	ng	100
85) Di-n-octyl phthalate	14.46	149	1504588	42.046	ng	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	907110	32.827	ng	95
88) Benzo(b)fluoranthene	14.88	252	1077802m	40.757	ng	
89) Benzo(k)fluoranthene	14.90	252	916068	38.244	ng	98
90) Benzo(a)pyrene	15.22	252	852852	36.462	ng	98
91) Dibenzo(a,h)anthracene	16.65	278	758150	37.985	ng	97
92) Benzo(g,h,i)perylene	17.04	276	722738	36.061	ng	96

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



#1

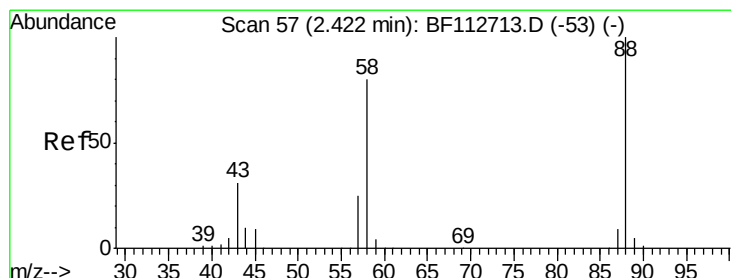
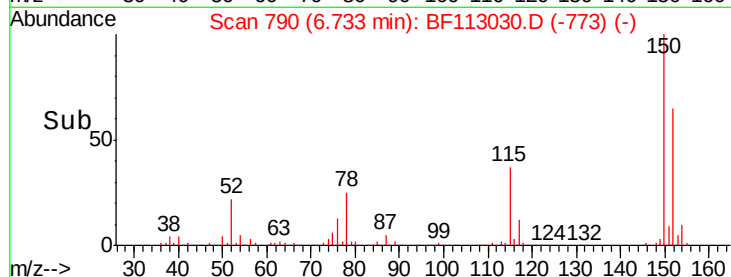
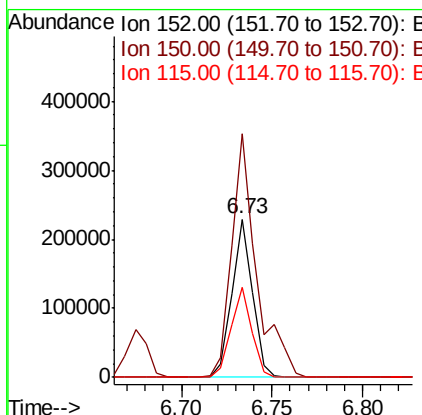
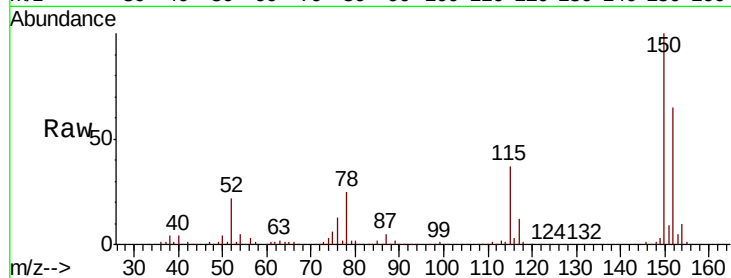
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	57.1	48.2	72.4

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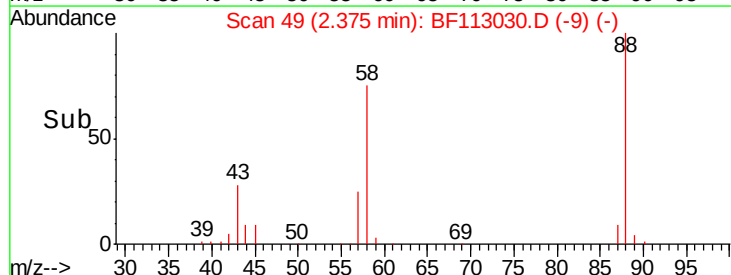
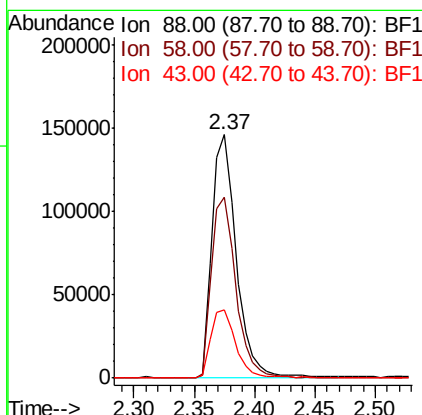
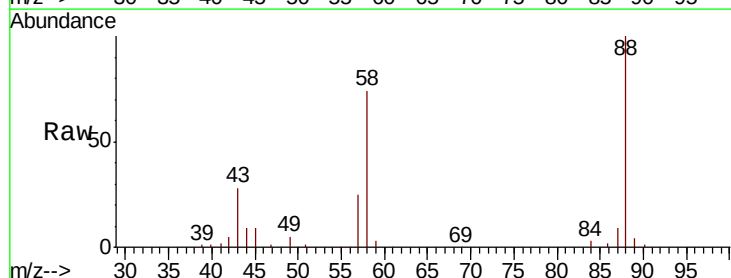
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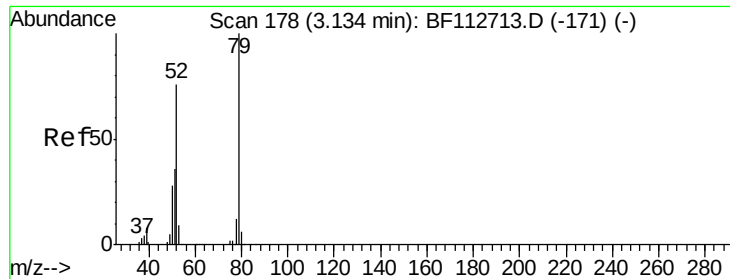


#2

1,4-Dioxane
Concen: 34.315 ng
RT: 2.37 min Scan# 49
Delta R.T. -0.06 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.5	63.1	94.7
43	29.5	24.3	36.5





#3

Pvridine

Concen: 33.396 ng

RT: 3.09 min Scan# 170

Delta R.T. -0.06 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

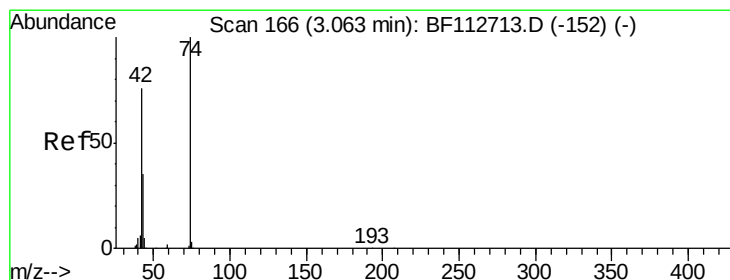
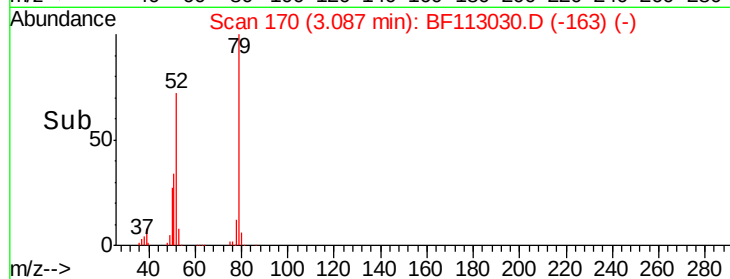
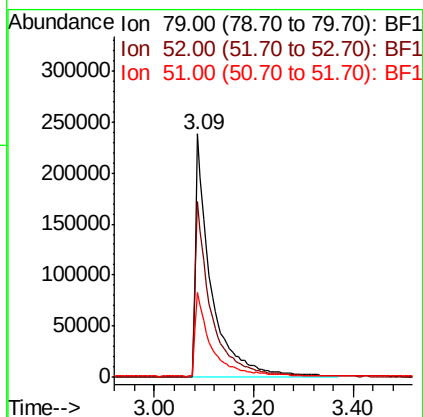
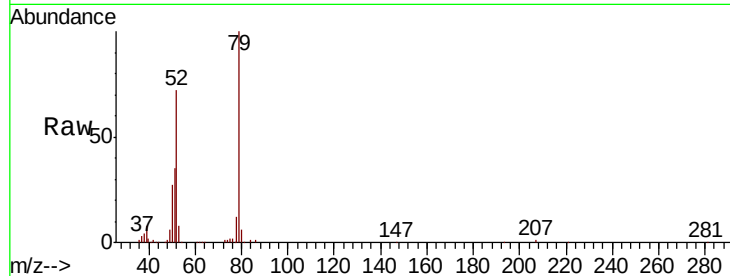
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	523865
Ion Ratio	Lower	Upper	
79	100		
52	72.2	60.5	90.7
51	34.9	28.8	43.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 29.555 ng

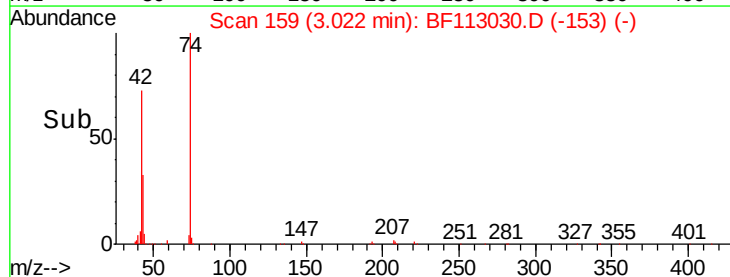
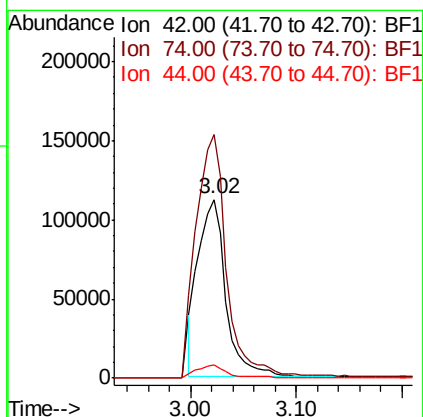
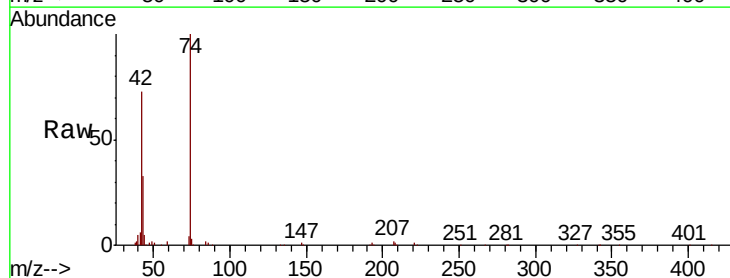
RT: 3.02 min Scan# 159

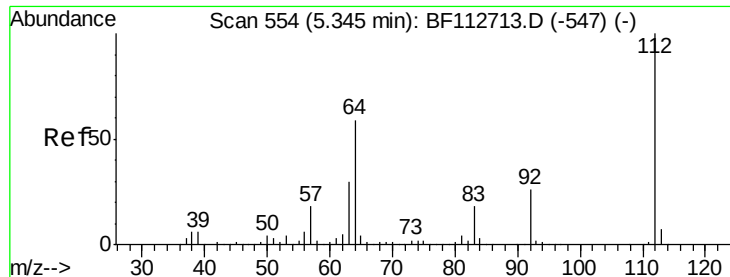
Delta R.T. -0.06 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Tgt Ion:	42	Resp:	202808
Ion Ratio	Lower	Upper	
42	100		
74	136.1	105.8	158.8
44	7.4	6.2	9.2





#5

2-Fluorophenol

Concen: 75.341 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

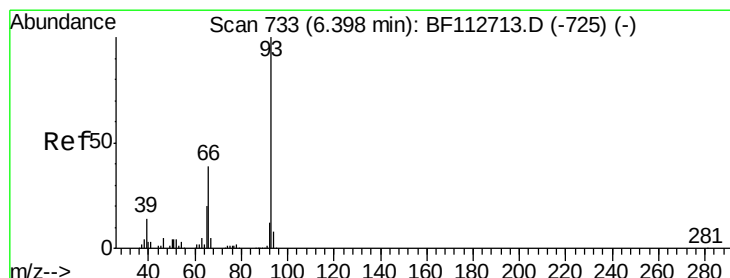
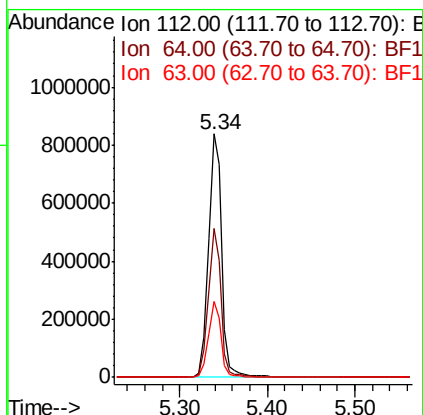
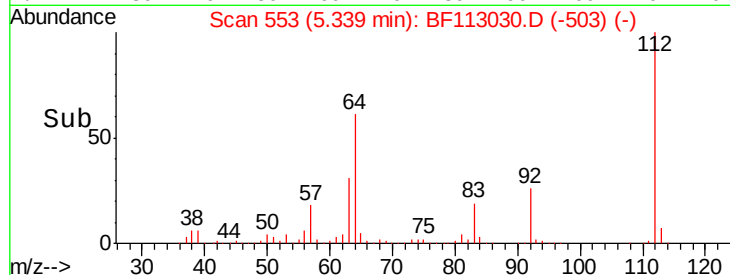
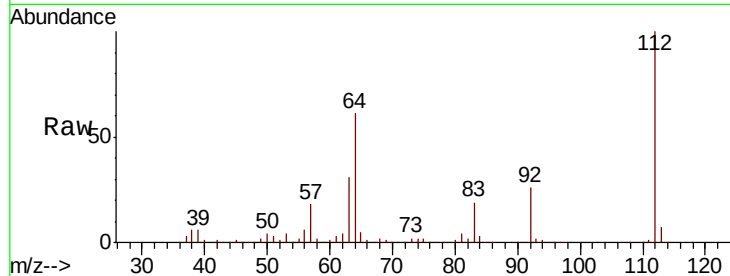
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	881265
Ion Ratio	Lower	Upper	
112	100		
64	61.3	47.6	71.4
63	31.0	24.4	36.6

Manual Integrations
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#6

Aniline

Concen: 33.691 ng

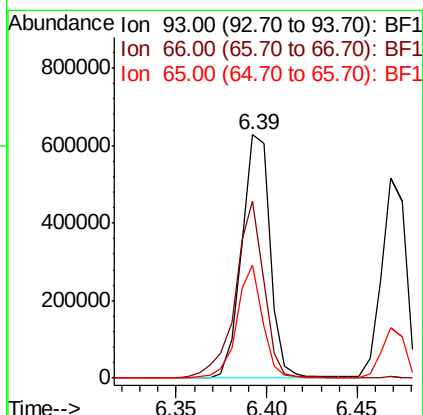
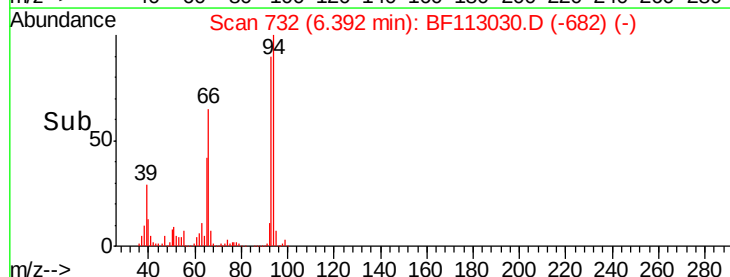
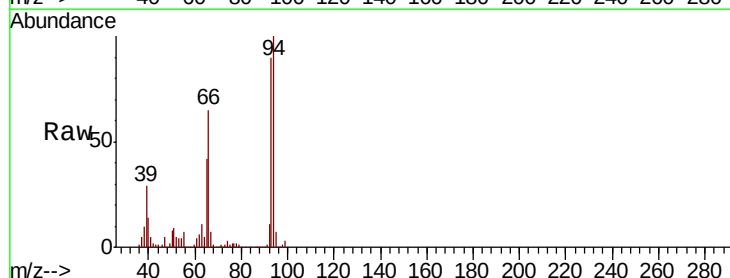
RT: 6.39 min Scan# 732

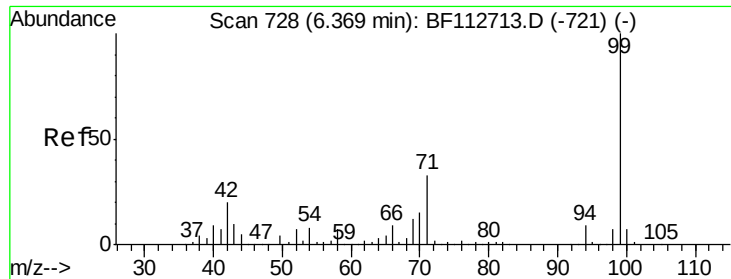
Delta R.T. -0.01 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Tgt Ion:	93	Resp:	681407
Ion Ratio	Lower	Upper	
93	100		
66	72.8	32.2	48.2#
65	46.6	16.2	24.4#





#7

Phenol-d6

Concen: 73.128 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1074504

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

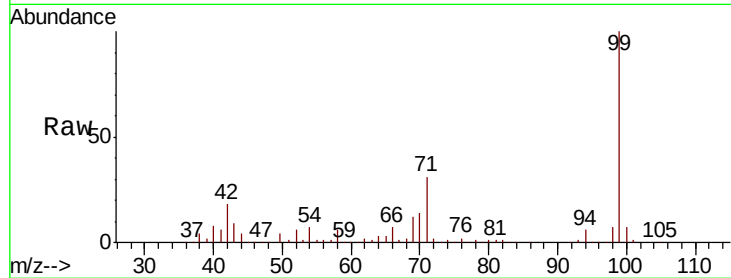
71 31.4 26.2 39.4

Manual Integrations

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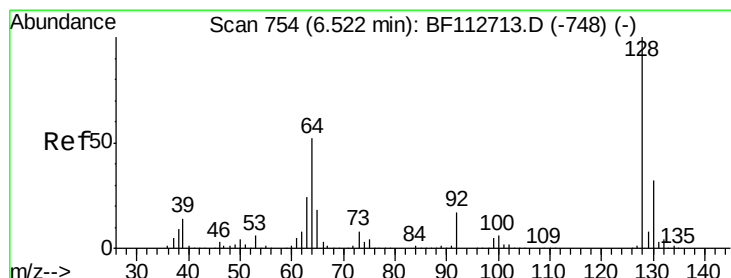
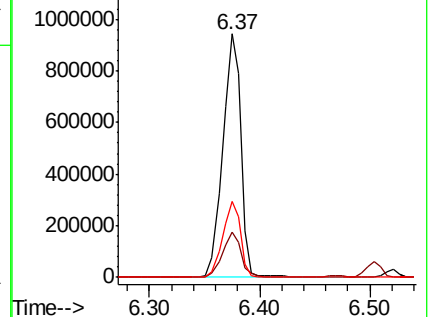
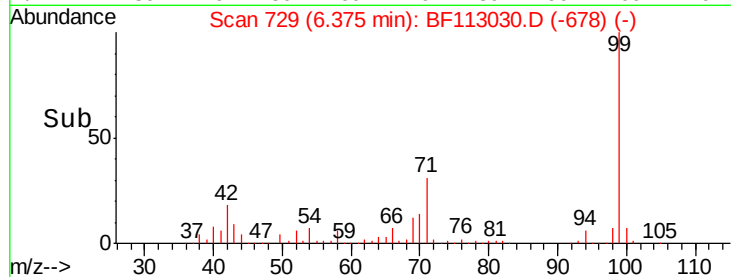
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.088 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

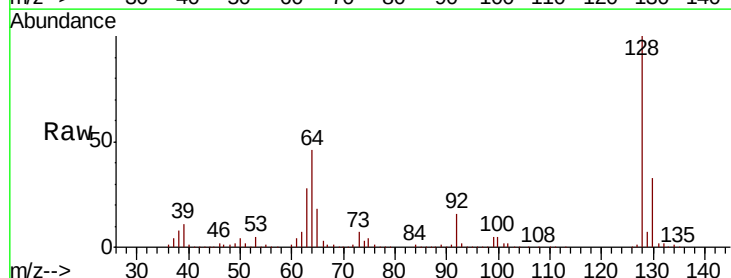
Tgt Ion:128 Resp: 495945

Ion Ratio Lower Upper

128 100

130 33.5 12.4 52.4

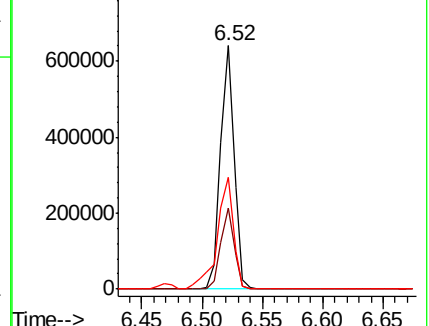
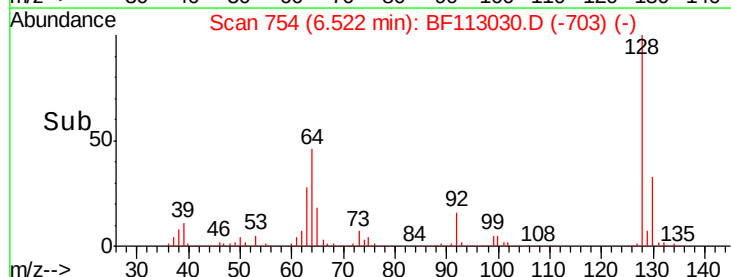
64 46.1 32.2 72.2

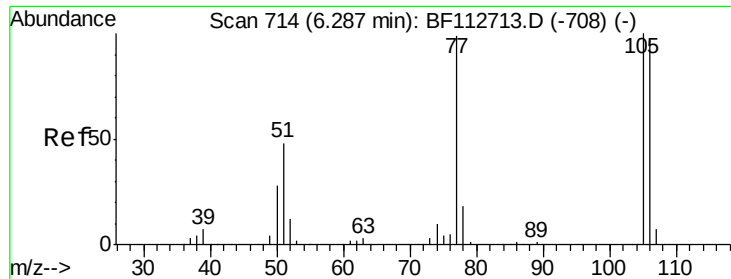


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.721 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

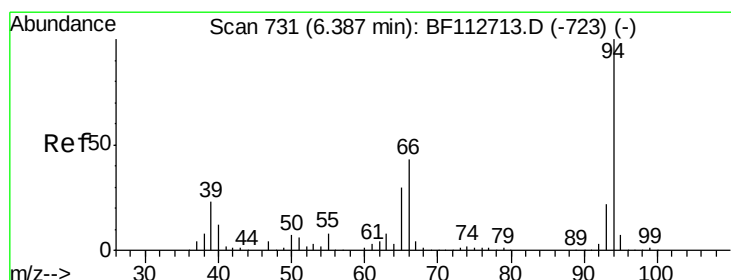
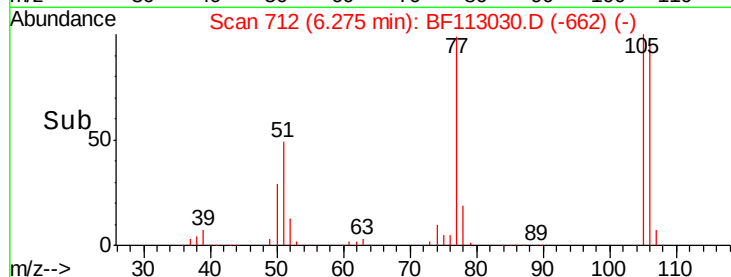
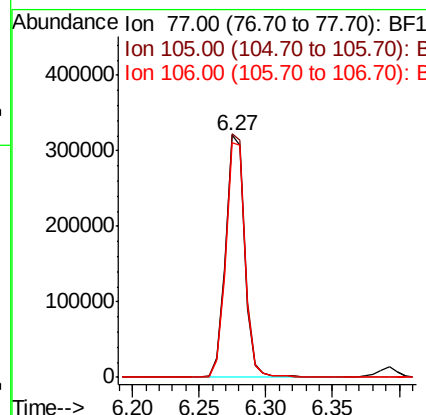
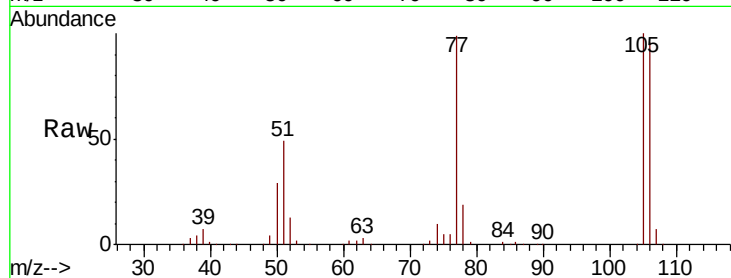
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	325247
Ion Ratio	Lower	Upper	
77	100		
105	100.6	81.4	121.4
106	97.0	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 35.442 ng

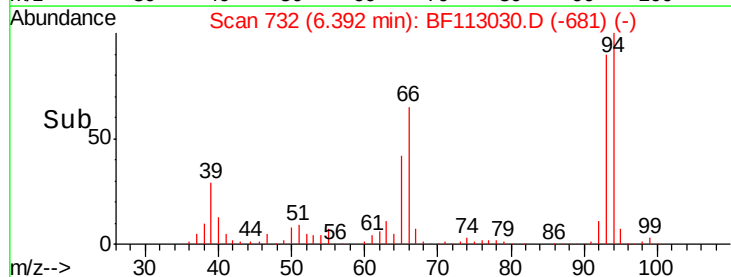
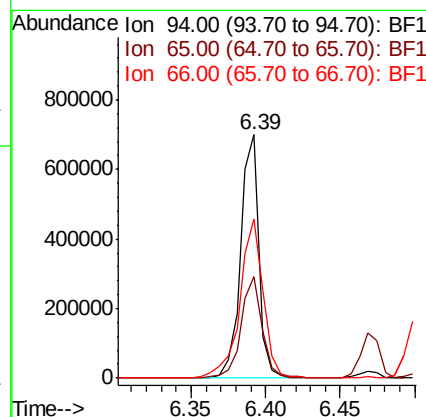
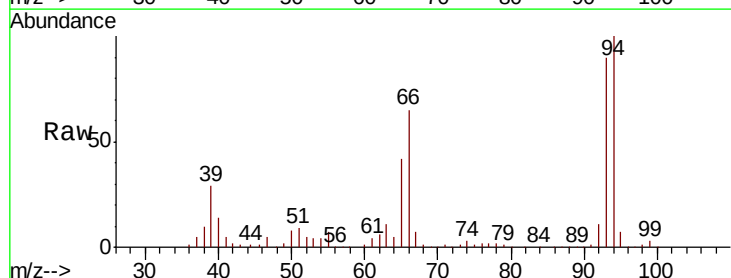
RT: 6.39 min Scan# 732

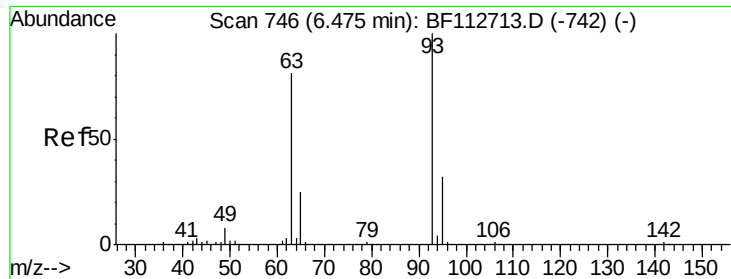
Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Tgt Ion:	94	Resp:	607692
Ion Ratio	Lower	Upper	
94	100		
65	41.8	10.5	50.5
66	65.3	22.6	62.6





#11

bis(2-Chloroethyl)ether

Concen: 36.094 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

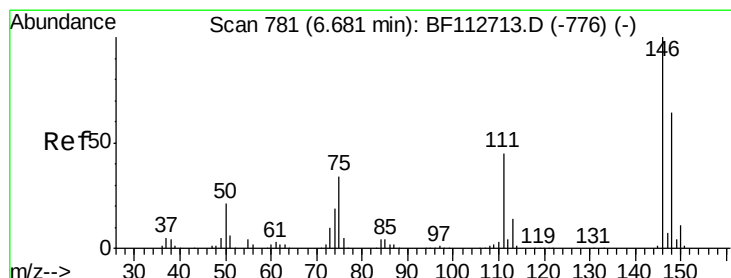
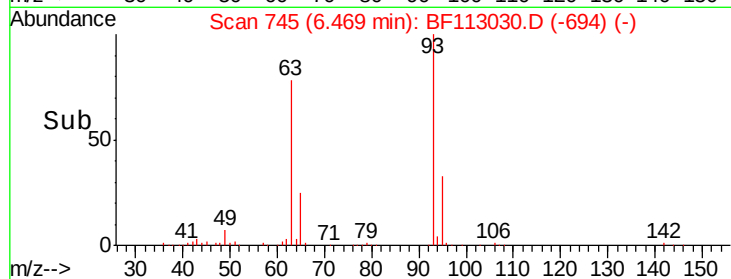
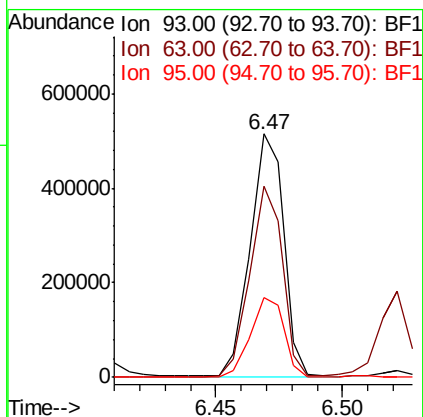
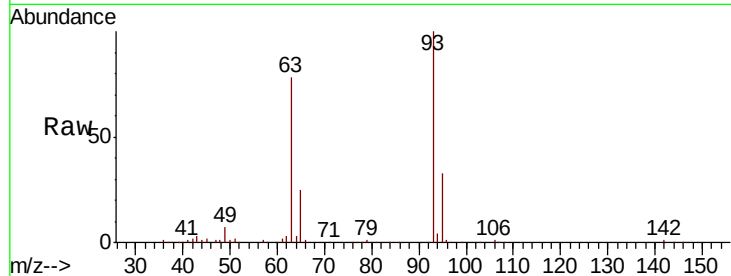
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	475016
Ion Ratio	Lower	Upper	
93	100		
63	78.3	60.5	100.5
95	33.0	12.1	52.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.138 ng

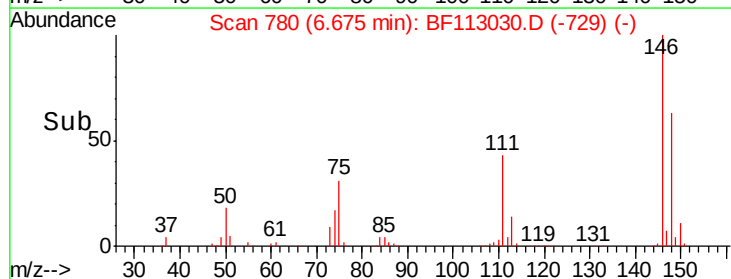
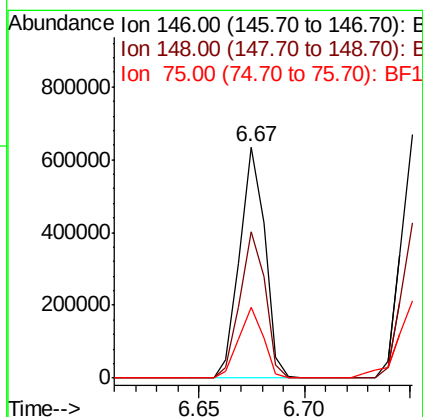
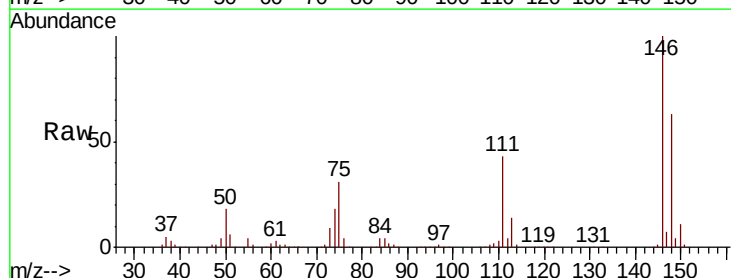
RT: 6.67 min Scan# 780

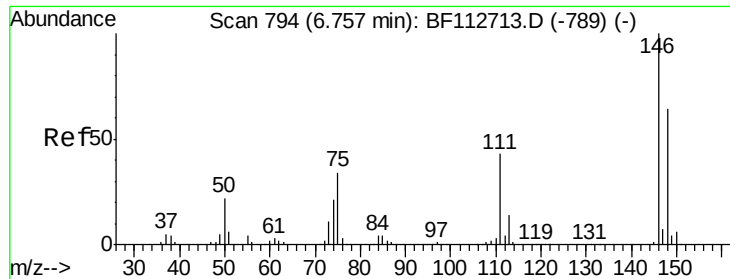
Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Tgt Ion:	146	Resp:	526444
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.9	76.3
75	30.8	26.9	40.3





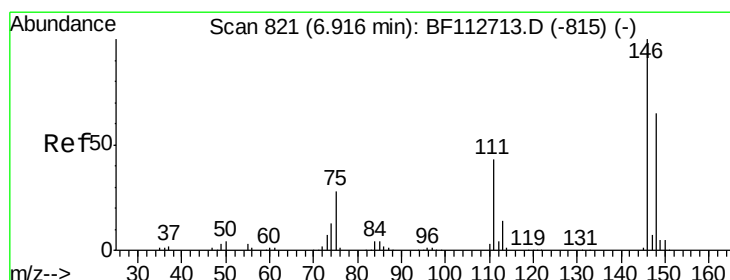
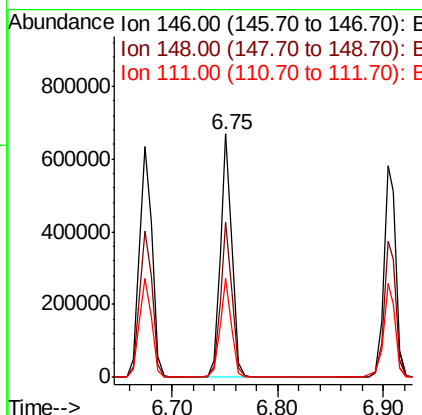
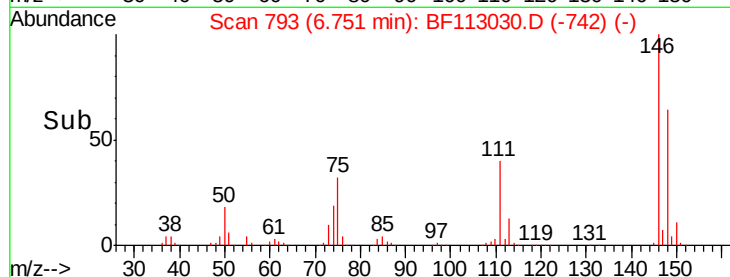
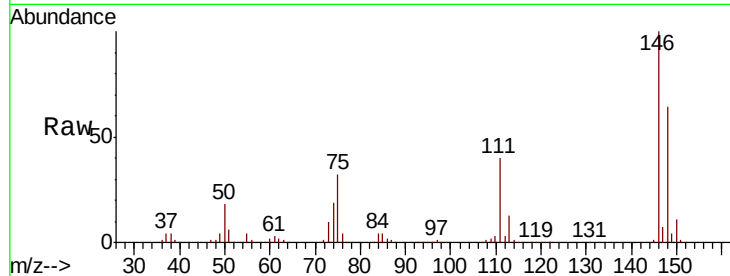
#13
1,4-Dichlorobenzene
Concen: 38.687 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	40.5	34.5	51.7

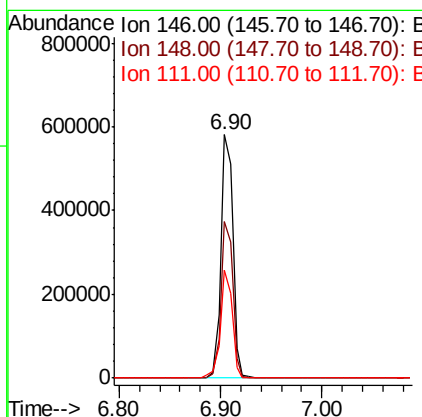
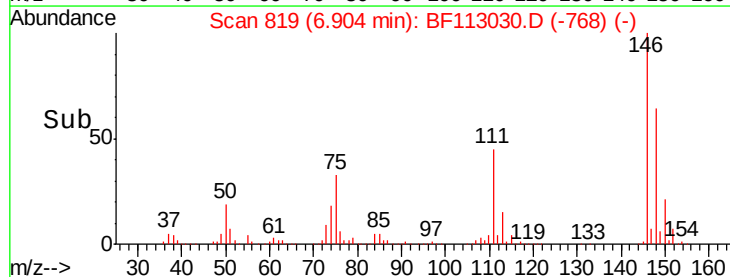
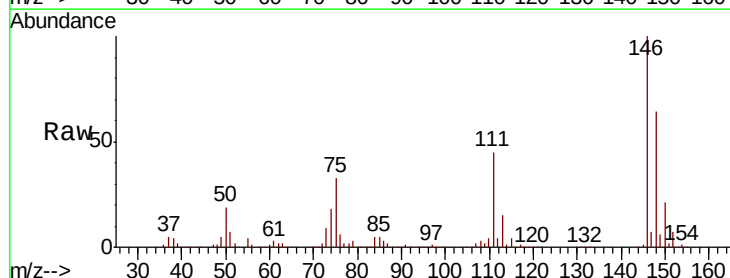
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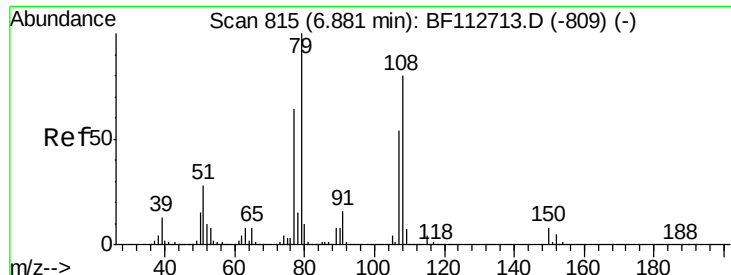
Sohil
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#14
1,2-Dichlorobenzene
Concen: 38.532 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	44.5	34.8	52.2





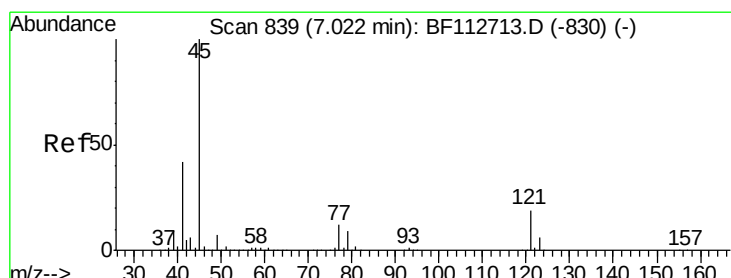
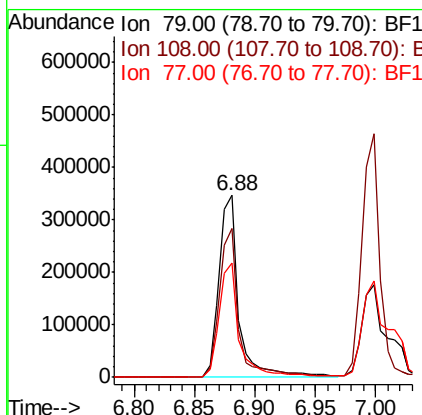
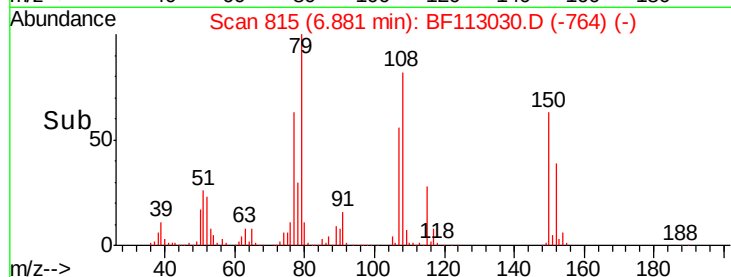
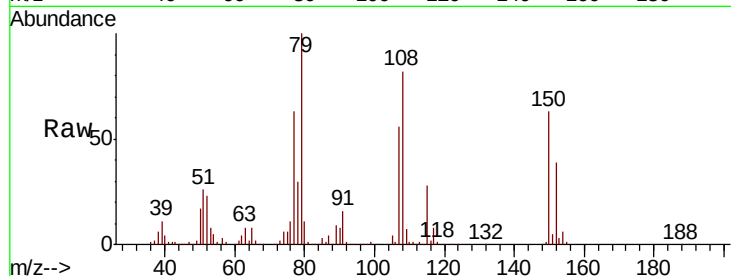
#15
Benzyl Alcohol
Concen: 35.155 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.7	64.2	96.4
77	62.7	51.1	76.7

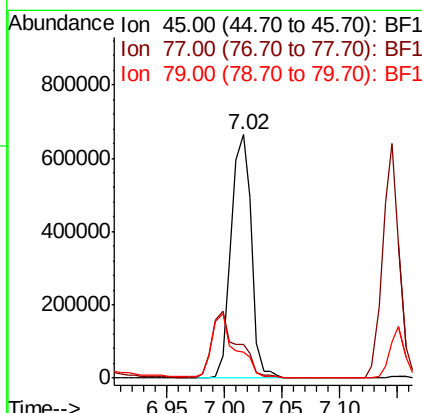
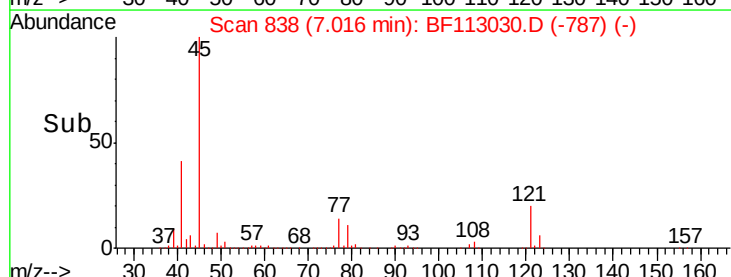
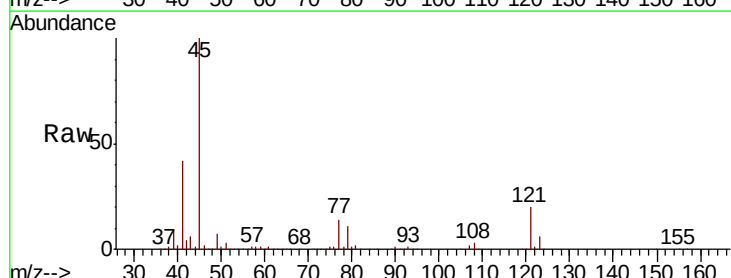
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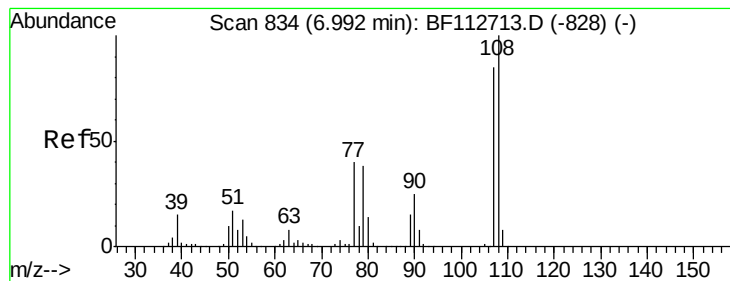
Sohil
3/13/2019 4:33:45 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.647 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	32.1
79	10.9	0.0	29.4





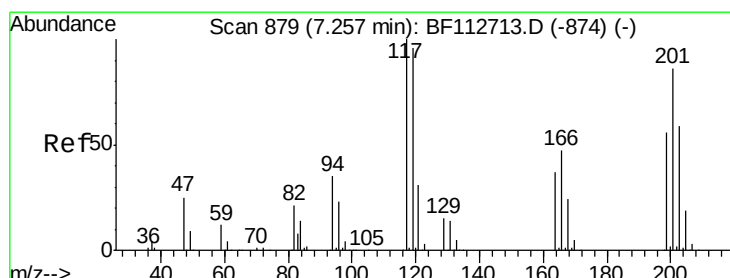
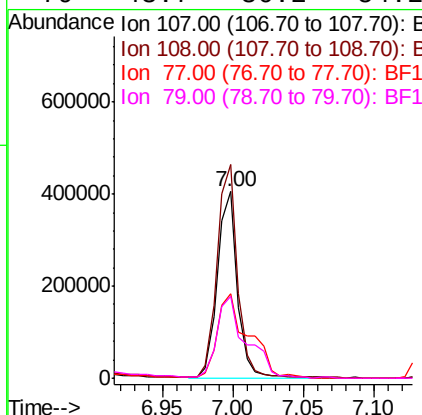
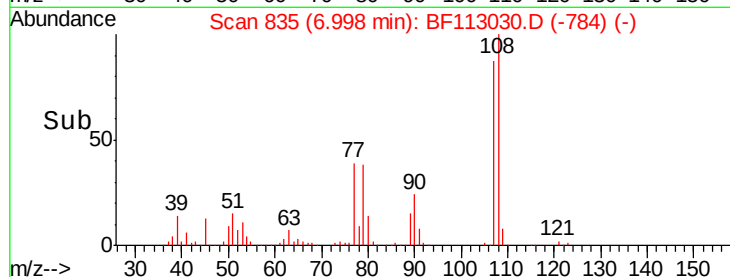
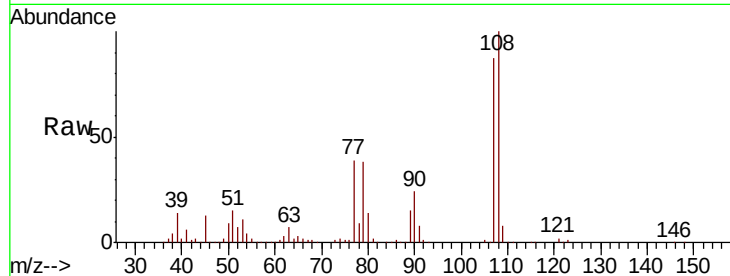
#17
2-Methylphenol
Concen: 38.041 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampled :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	94.6	142.0	
77	45.1	37.8	56.8	
79	43.7	36.2	54.2	

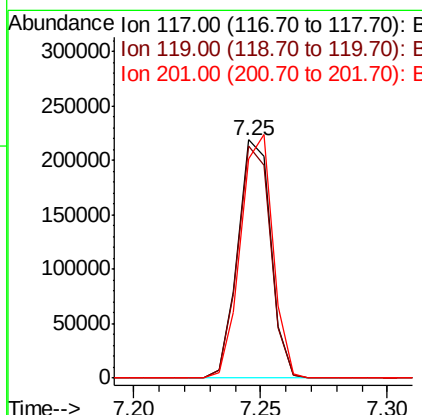
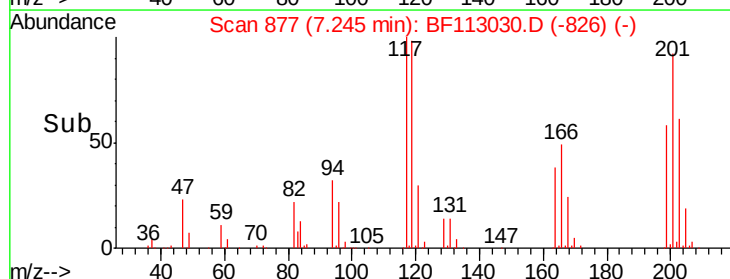
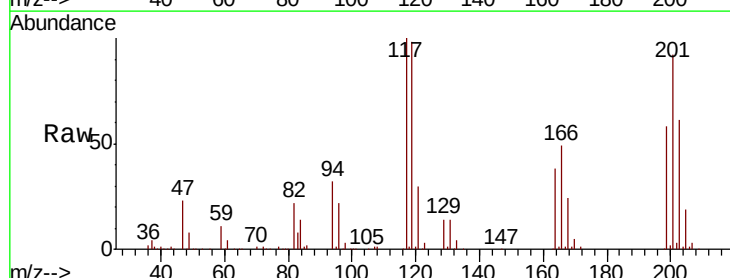
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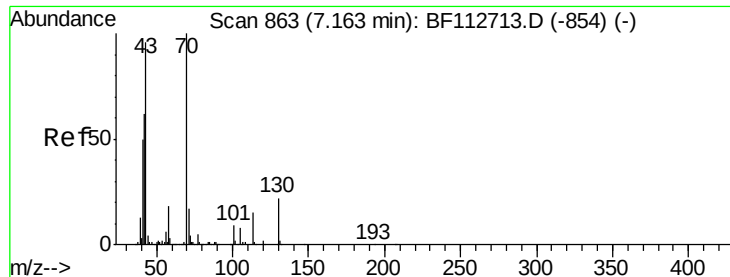
Sohil
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#18
Hexachloroethane
Concen: 38.305 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	76.6	115.0	
201	92.1	68.9	103.3	





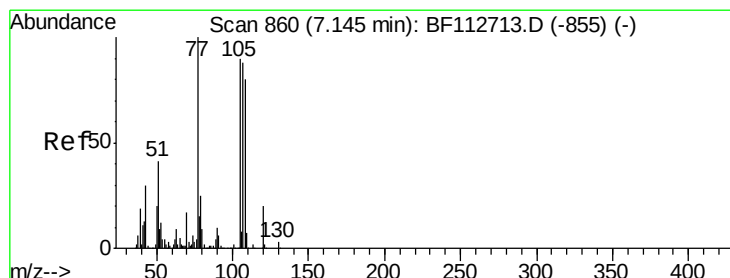
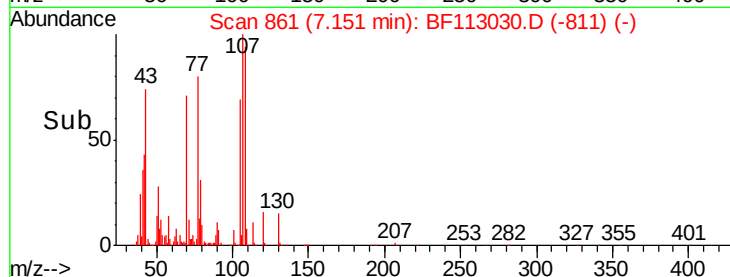
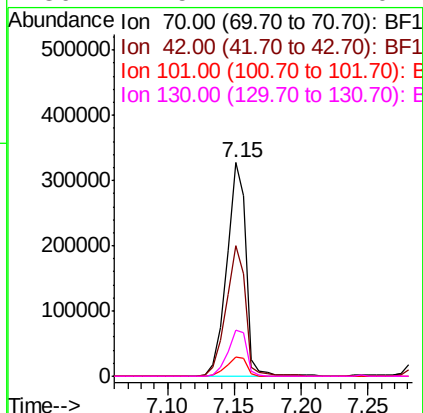
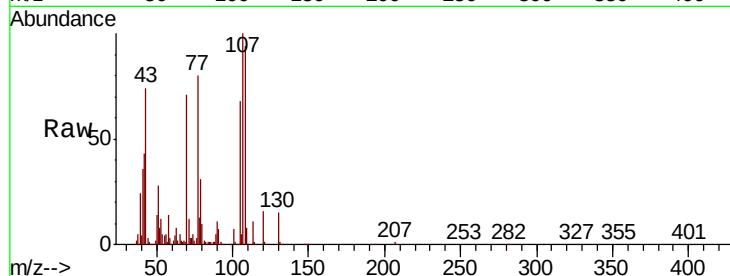
#19
n-Nitroso-di-n-propylamine
Concen: 35.685 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.9	49.9	74.9
101	9.2	7.4	11.2
130	21.5	17.4	26.2

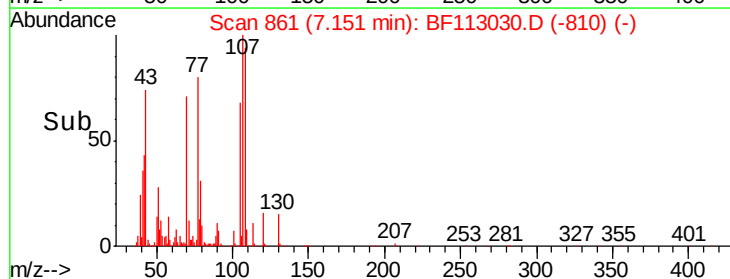
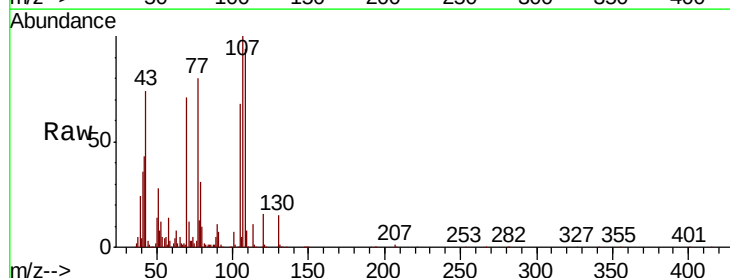
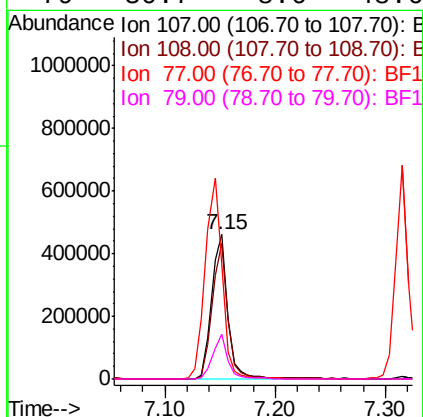
Manual Integrations
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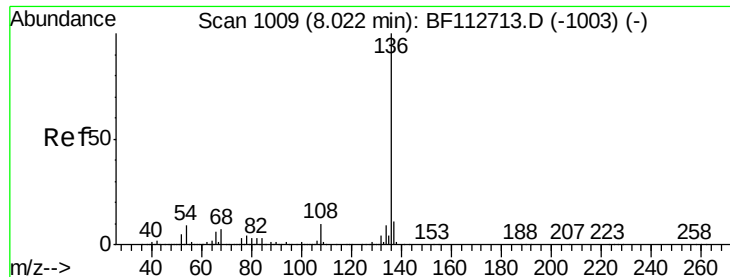
Sohil
3/13/2019 4:33:45 PM



#20
3+4-Methylphenols
Concen: 38.097 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	71.4	111.4
77	79.8	94.1	134.1#
79	30.7	8.6	48.6





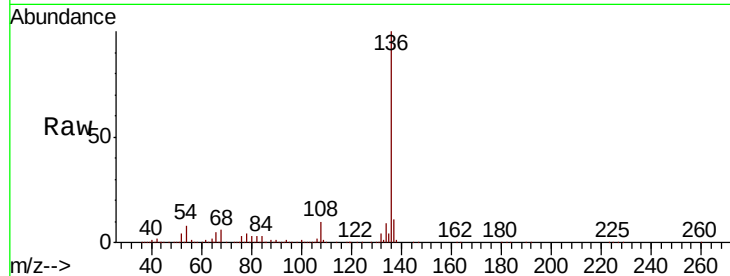
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		704064		
137	11.1	8.9	13.3		
54	8.1	7.3	10.9		
68	6.5	5.4	8.2		

Manual Integrations
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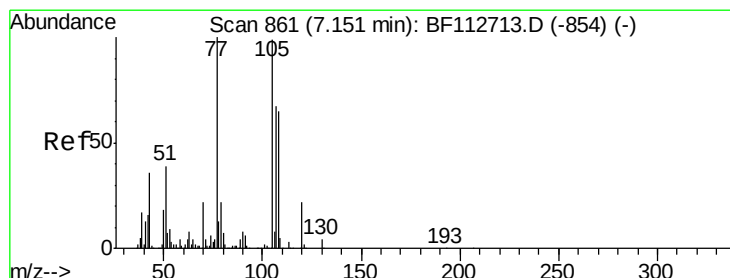
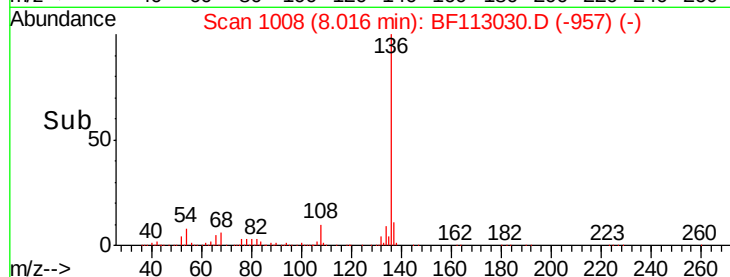
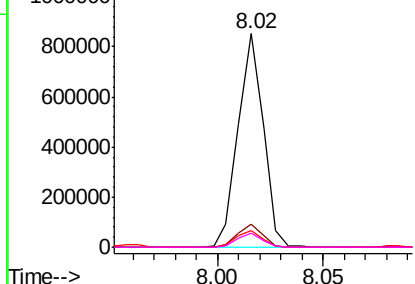
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.244 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		678996		
71	5.0	3.0	4.4#		
51	34.1	31.5	47.3		
120	23.0	18.1	27.1		

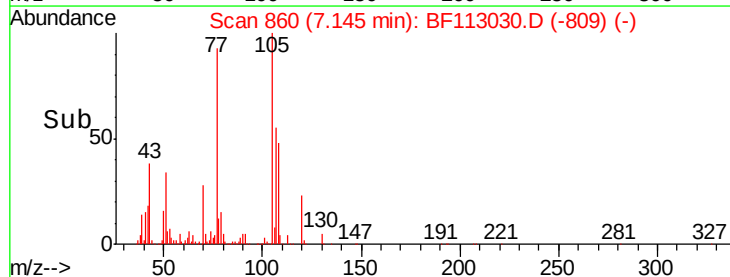
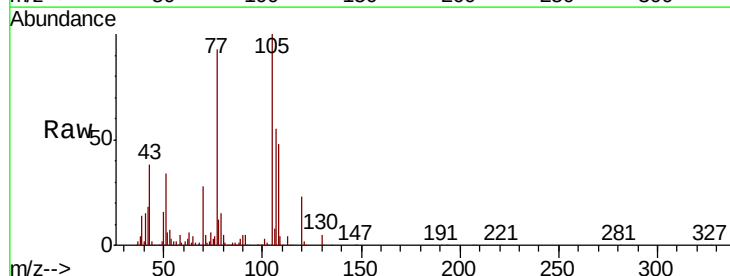
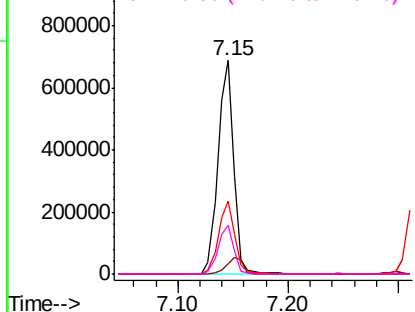
Abundance

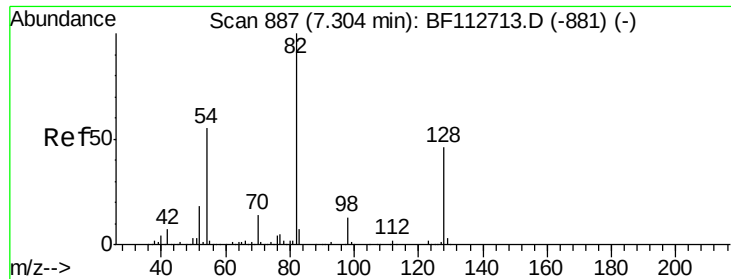
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





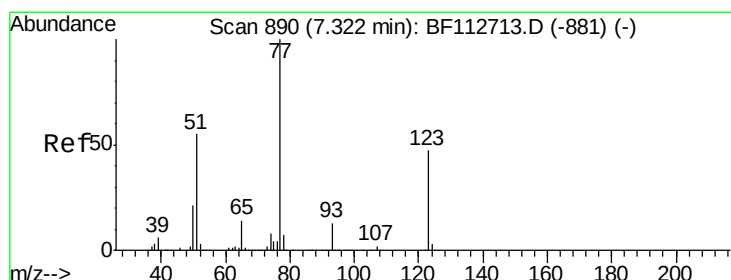
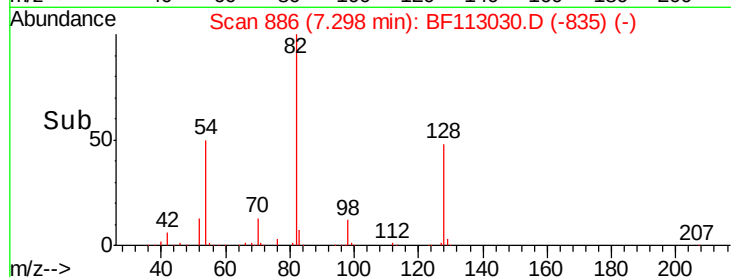
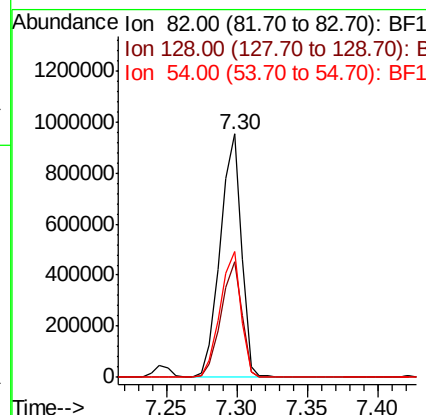
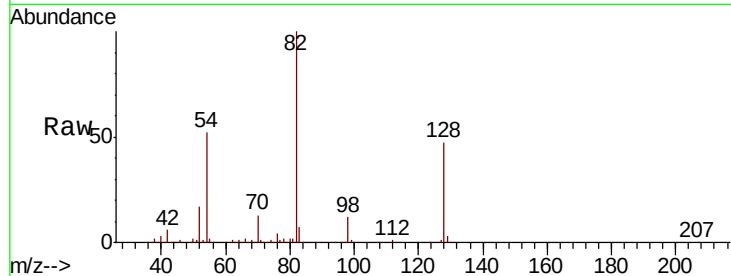
#23
 Nitrobenzene-d5
 Concen: 84.712 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.3	54.5
54	51.8	43.7	65.5

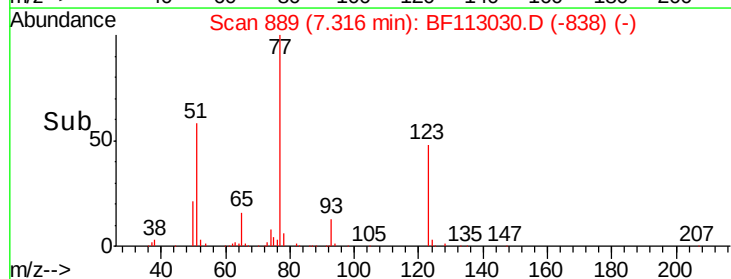
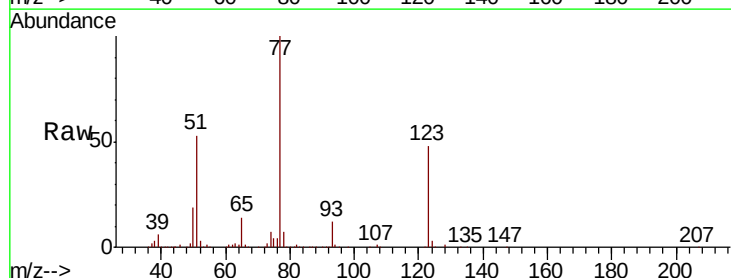
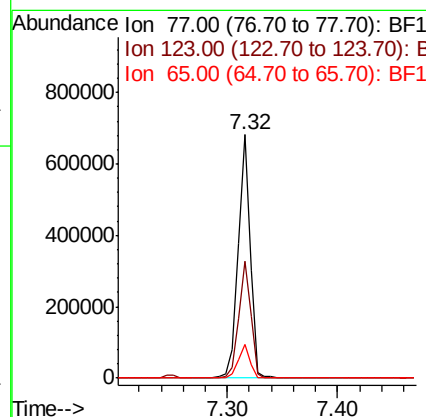
Manual Integrations
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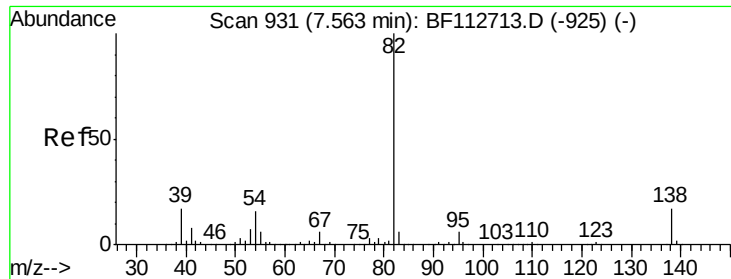
Sohil
 3/13/2019 4:33:45 PM



#24
 Nitrobenzene
 Concen: 39.904 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.8	56.6
65	13.7	11.1	16.7





#25

Isophorone

Concen: 36.687 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

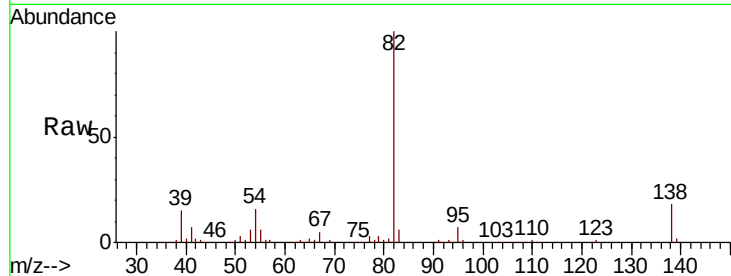
ClientSampleId :

SSTDCCC040EC

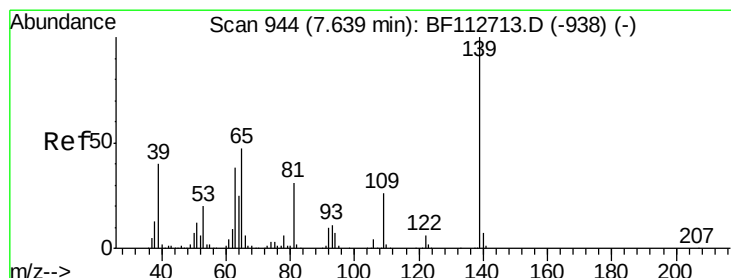
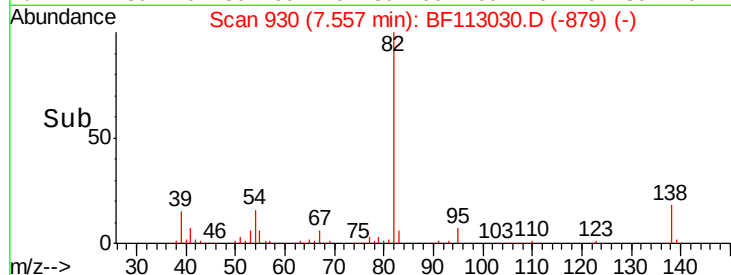
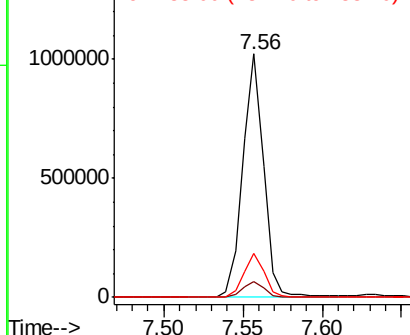
Tot Ion:	82	Resp:	929968
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.3	13.8	20.8

Manual Integrations
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3/13/2019 4:33:45 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.417 ng

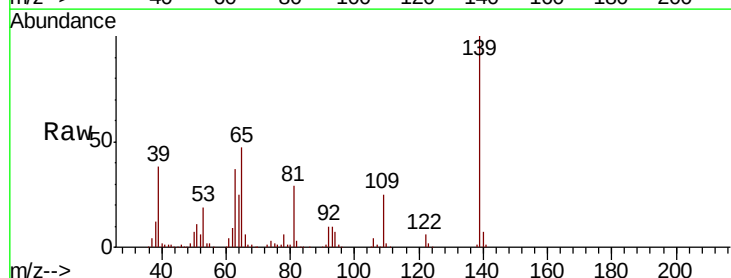
RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

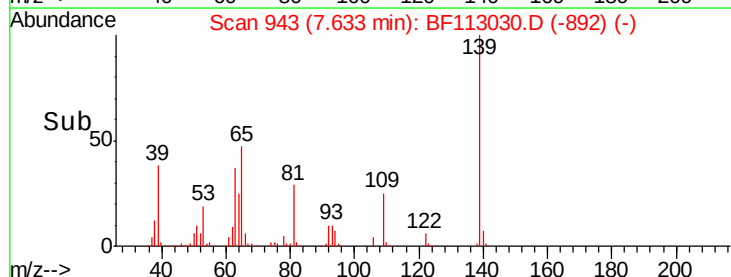
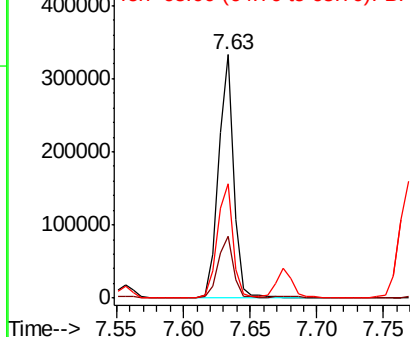
Lab File: BF113030.D

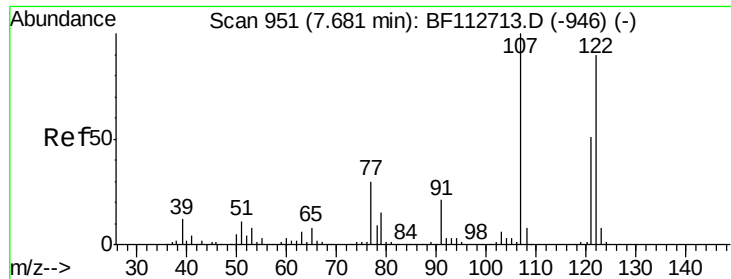
Acq: 13 Mar 2019 10:46

Tgt Ion:	139	Resp:	269397
Ion Ratio	Lower	Upper	
139	100		
109	25.4	20.6	31.0
65	47.0	37.9	56.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.128 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

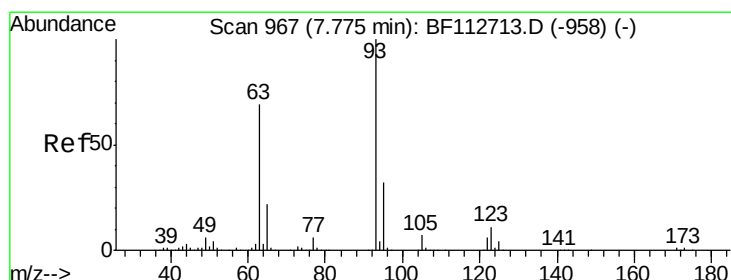
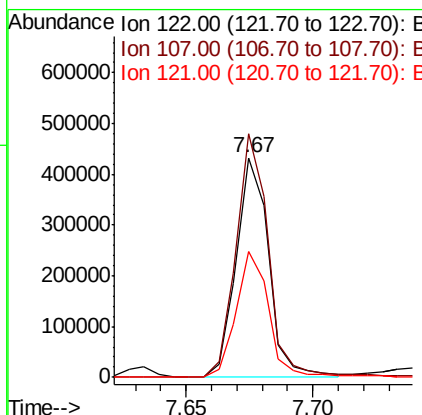
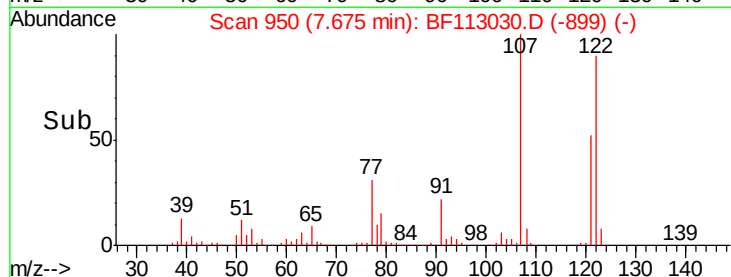
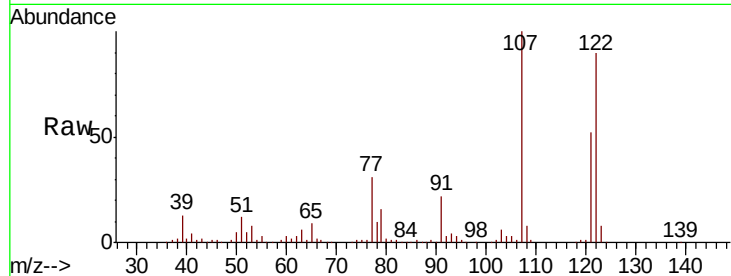
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.4	134.0
121	57.1	45.5	68.3

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#28

bis(2-Chloroethoxy)methane

Concen: 38.747 ng

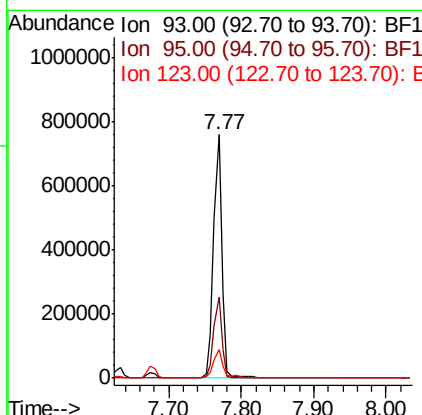
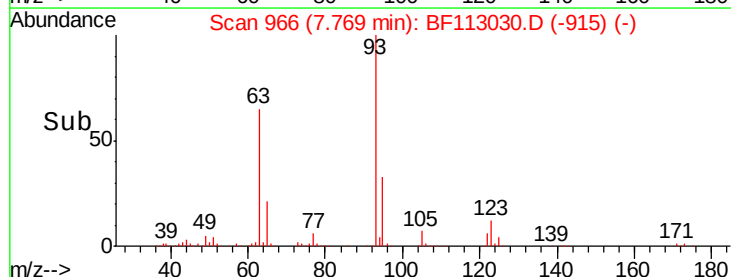
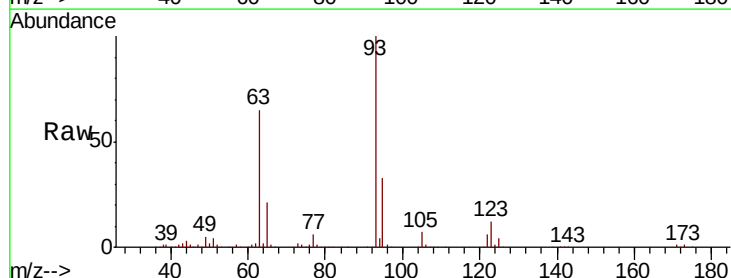
RT: 7.77 min Scan# 966

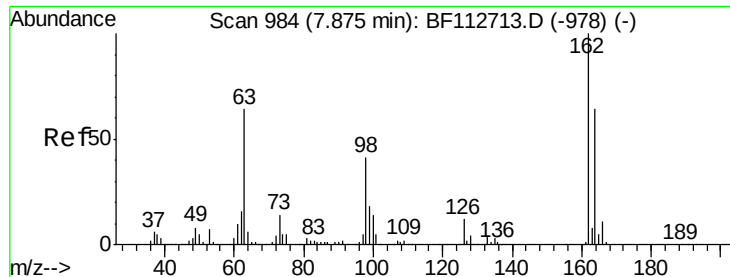
Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	11.8	9.3	13.9





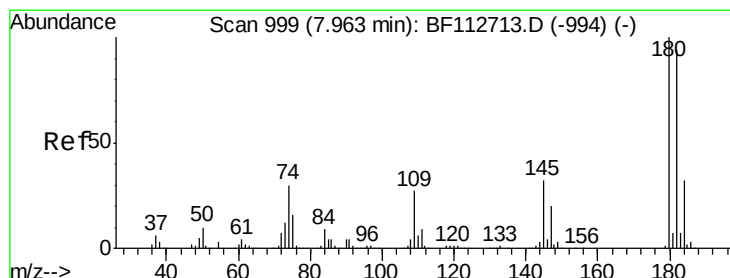
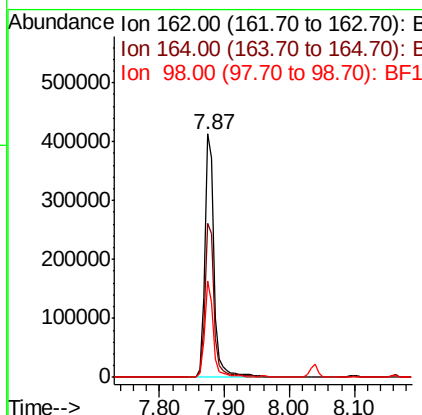
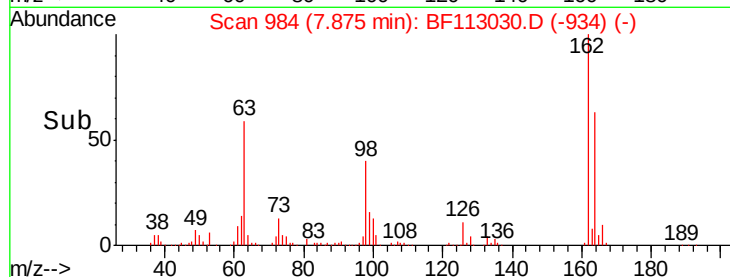
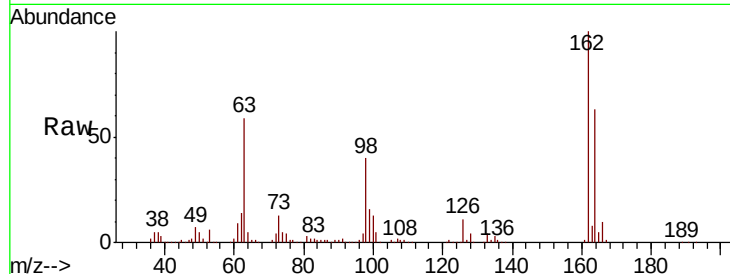
#29
2,4-Dichlorophenol
Concen: 41.454 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.0	84.0
98	39.7	20.7	60.7

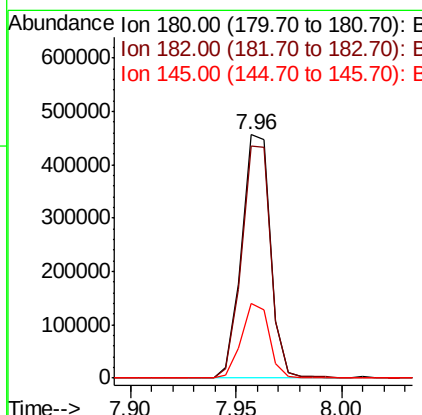
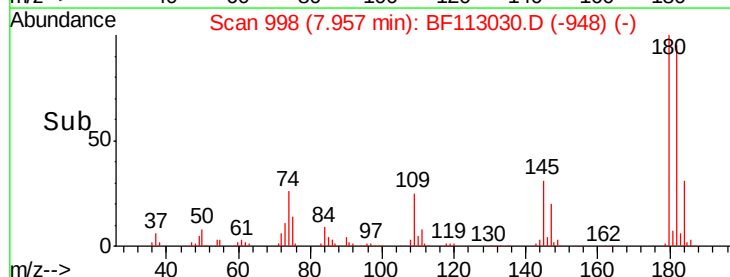
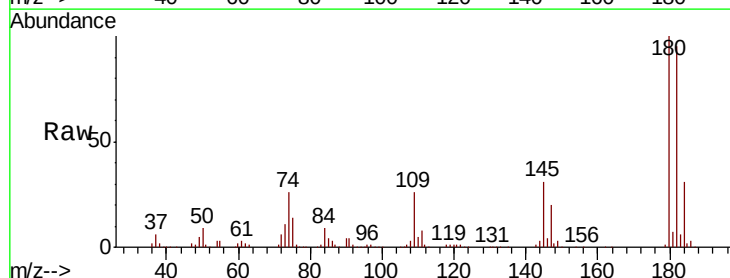
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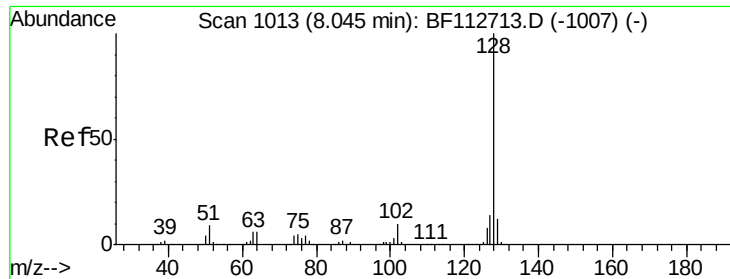
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#30
1,2,4-Trichlorobenzene
Concen: 41.027 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.2	112.8
145	30.9	25.4	38.0





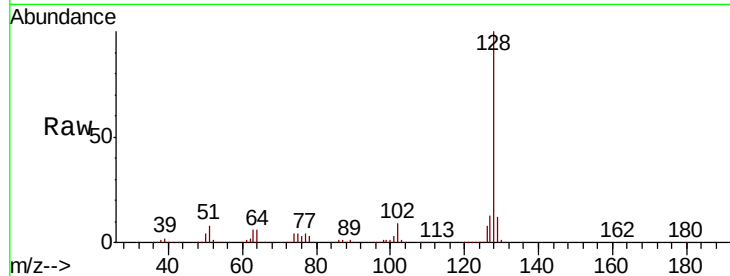
#31
Naphthalene
Concen: 38.435 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.4	10.9	16.3

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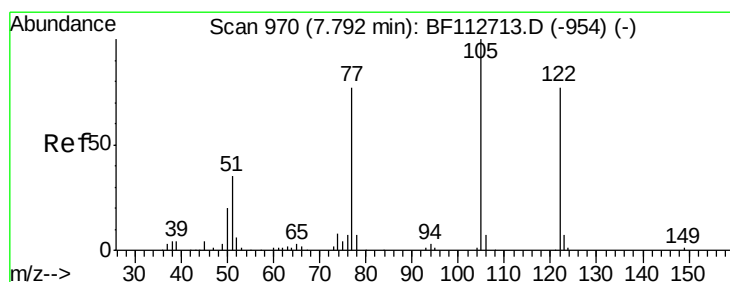
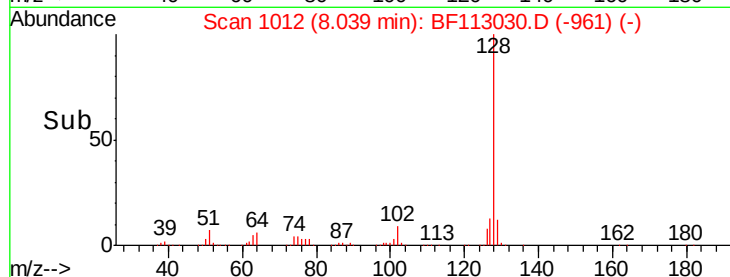
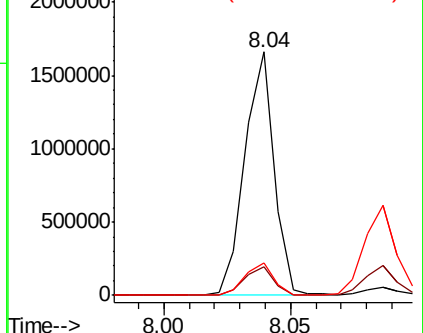


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.858 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

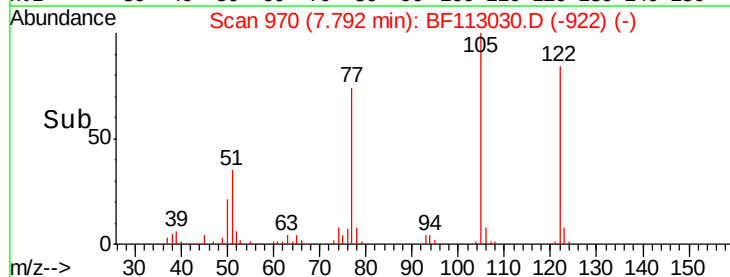
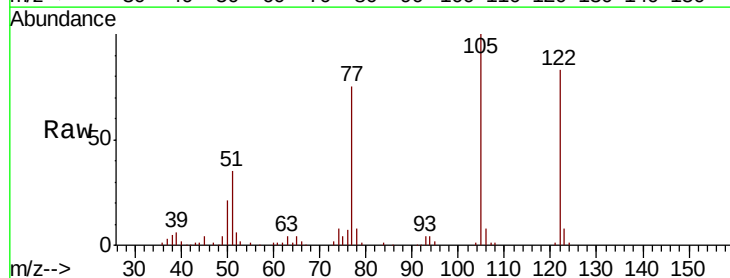
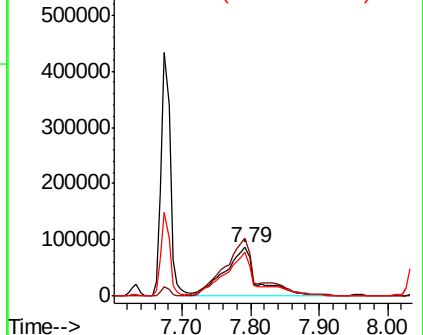
Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	106.8	146.8
77	89.7	79.4	119.4

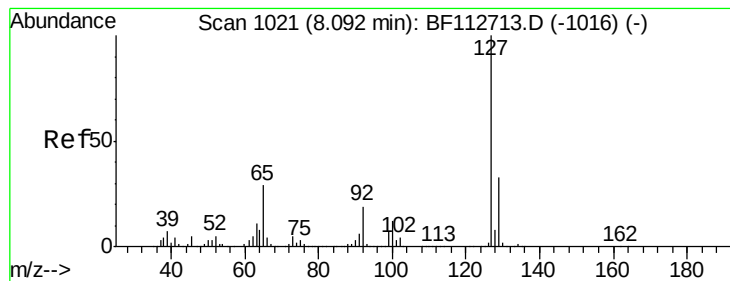
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 38.672 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

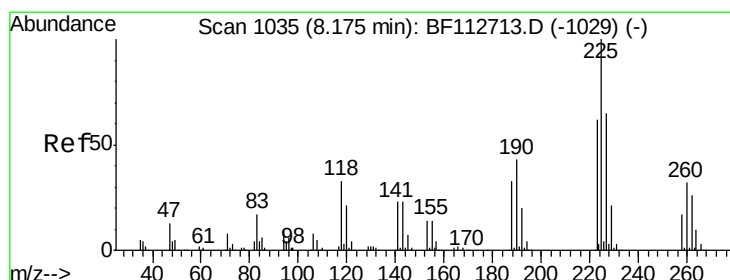
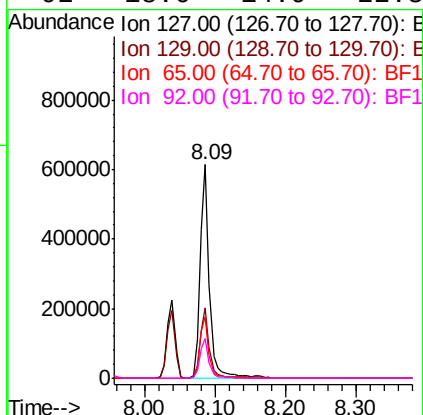
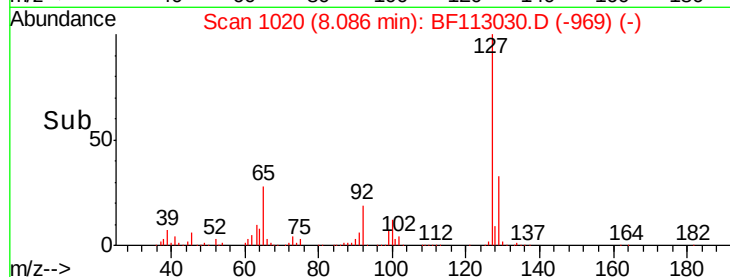
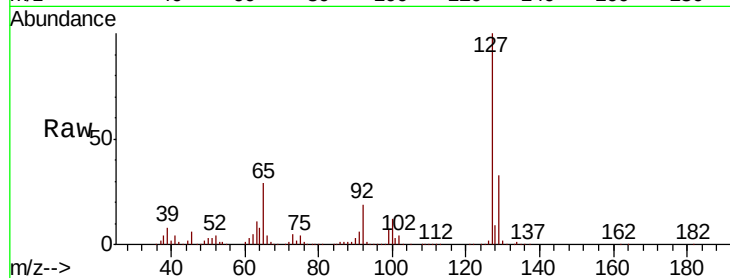
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.4	39.6
65	28.9	23.1	34.7
92	18.6	14.9	22.3

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#34

Hexachlorobutadiene

Concen: 44.965 ng

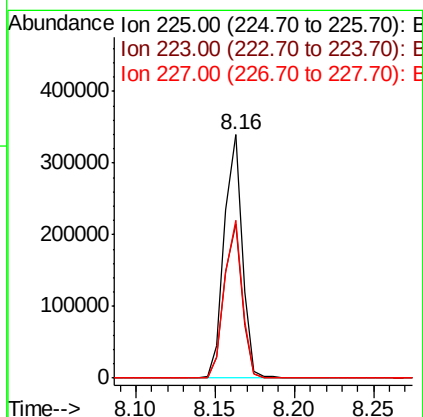
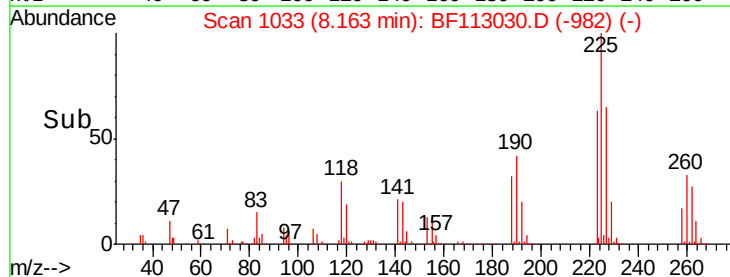
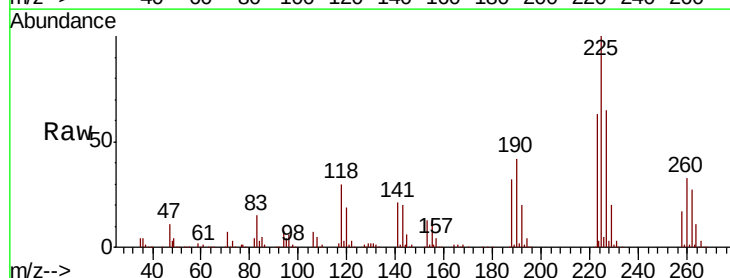
RT: 8.16 min Scan# 1033

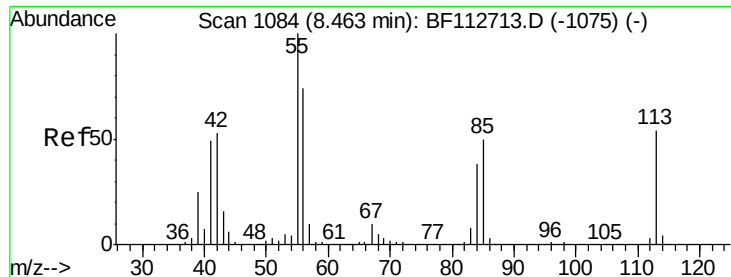
Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	65.0	52.1	78.1





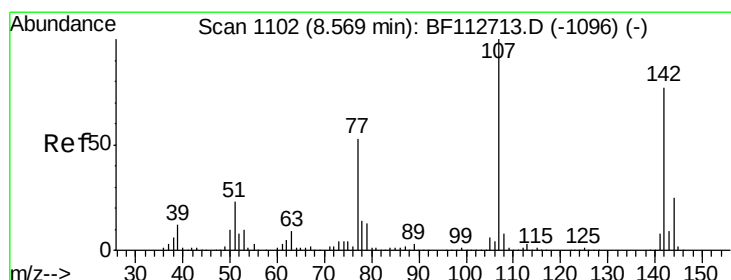
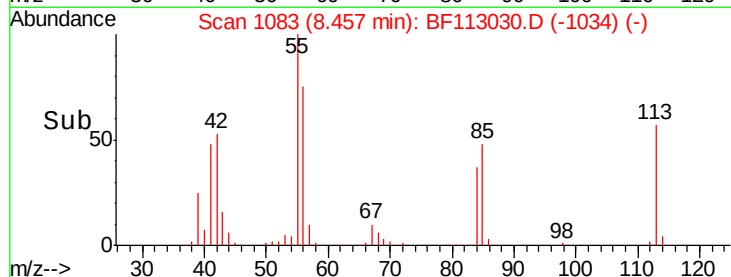
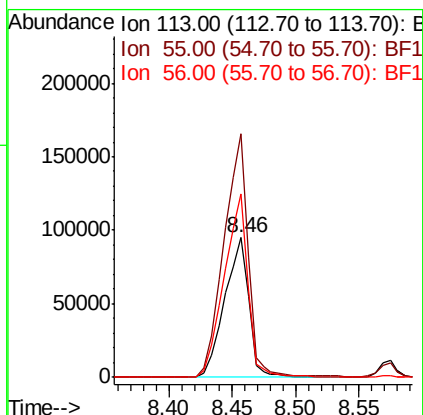
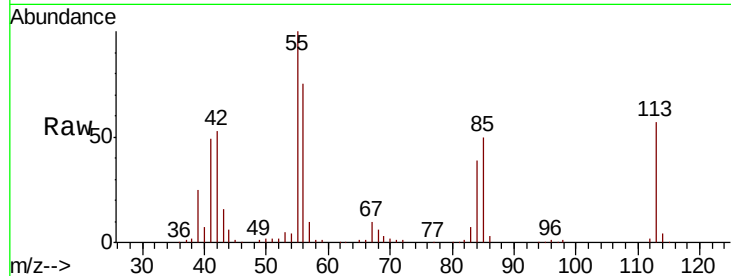
#35
Caprolactam
Concen: 36.273 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.6	163.5	203.5
56	131.7	115.3	155.3

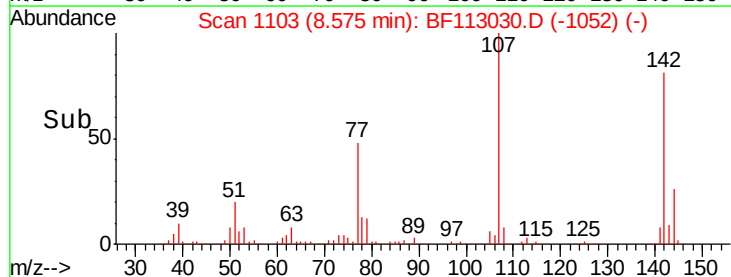
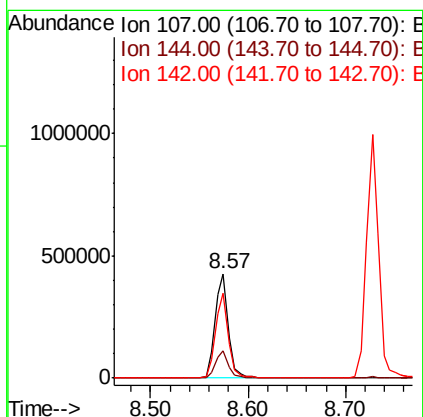
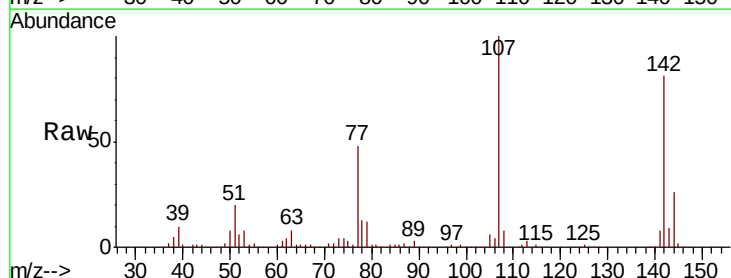
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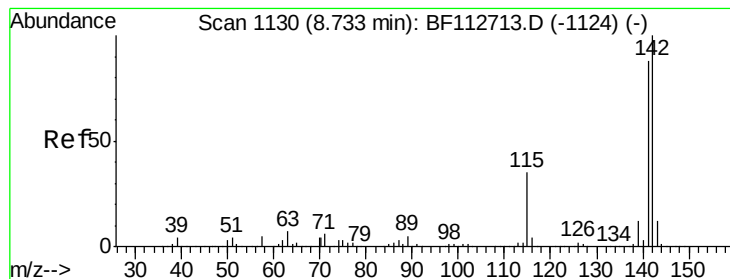
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#36
4-Chloro-3-methylphenol
Concen: 36.781 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.1	30.1
142	80.7	61.9	92.9





#37

2-Methylnaphthalene

Concen: 38.263 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

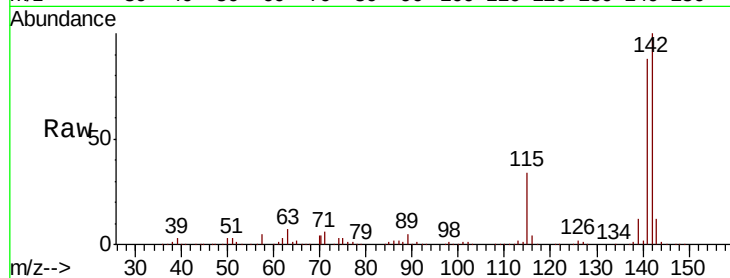
ClientSampleID :

SSTDCCC040EC

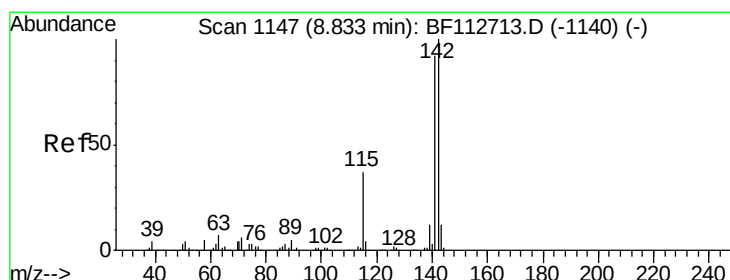
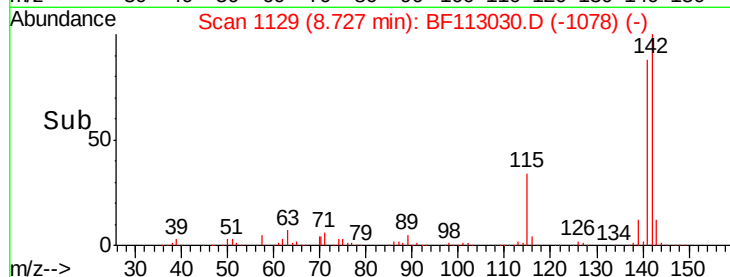
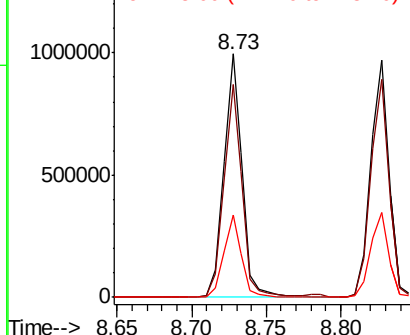
Tot Ion:	142	Resp:	863731
Ion Ratio	Lower	Upper	
142	100		
141	87.6	70.3	105.5
115	33.8	27.8	41.6

Manual Integrations
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.222 ng

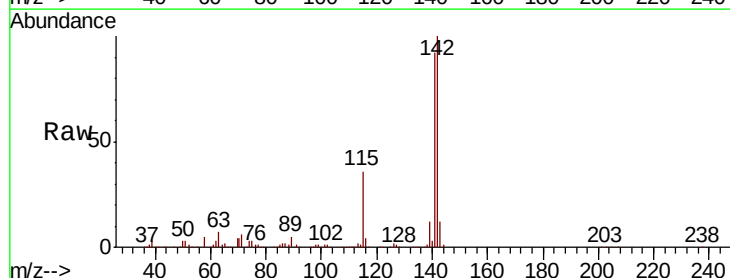
RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

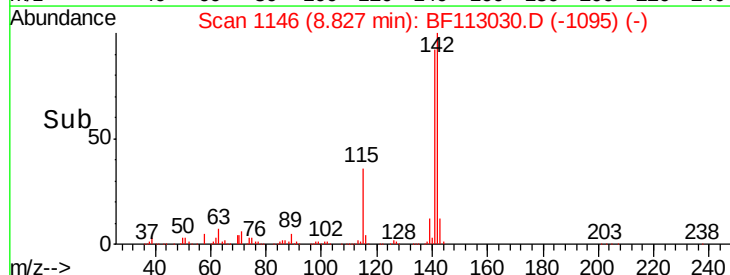
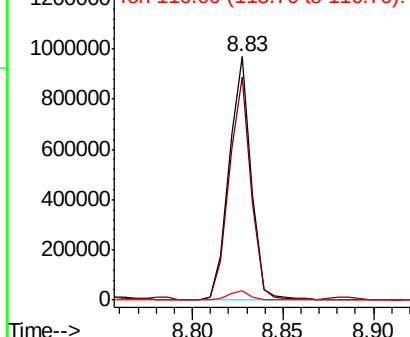
Lab File: BF113030.D

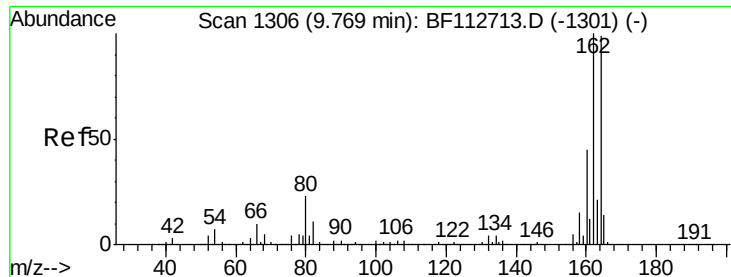
Acq: 13 Mar 2019 10:46

Tgt Ion:	142	Resp:	813931
Ion Ratio	Lower	Upper	
142	100		
141	91.8	73.7	110.5
116	3.7	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





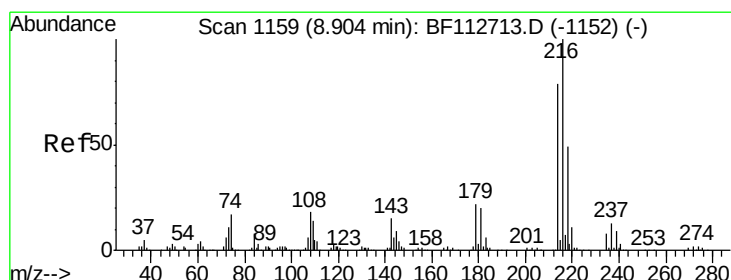
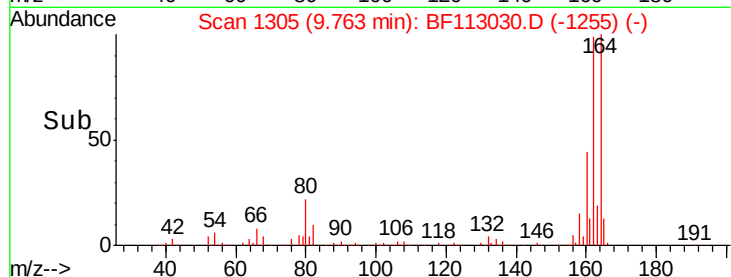
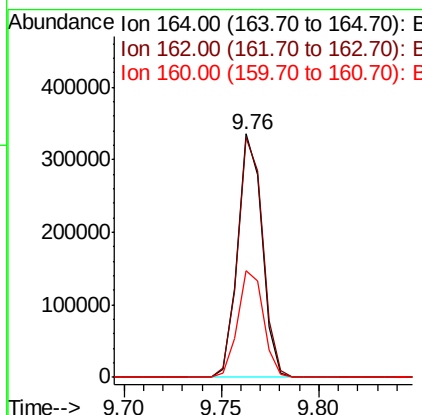
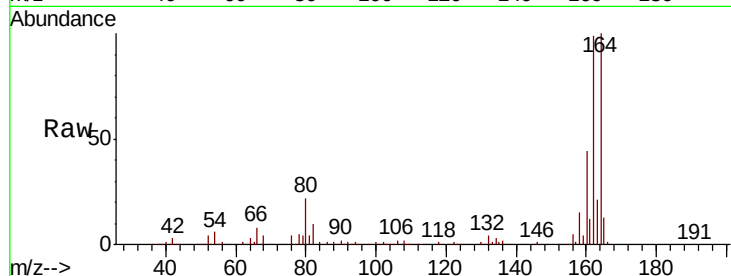
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.6	120.8
160	44.0	36.0	54.0

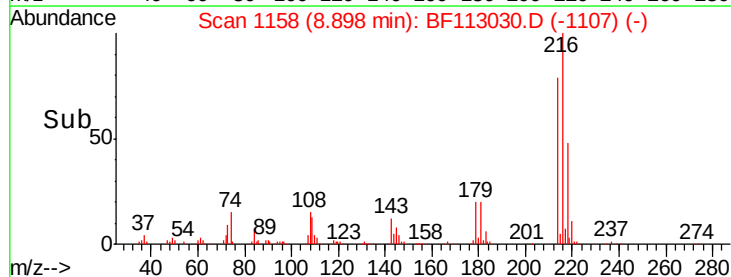
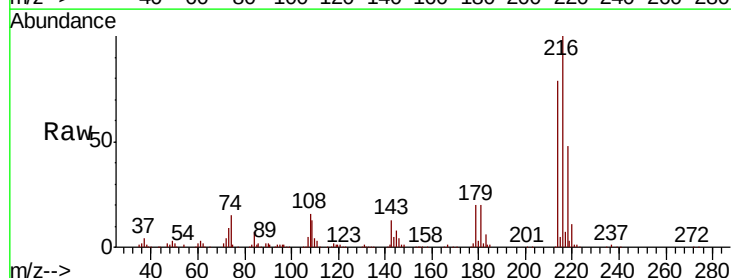
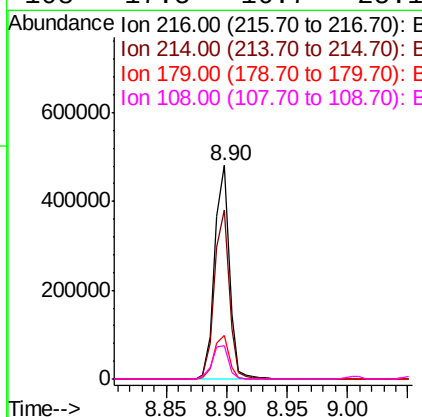
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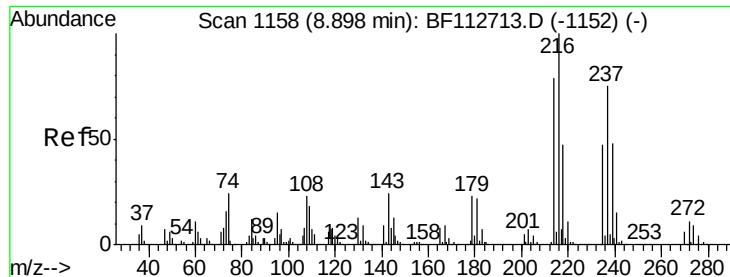
Sohil
3/13/2019 4:33:45 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.337 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.2	94.8
179	20.6	17.5	26.3
108	17.5	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 17.995 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

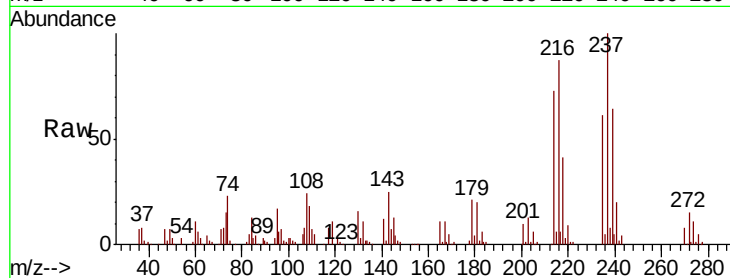
ClientSampleId :

SSTDCCC040EC

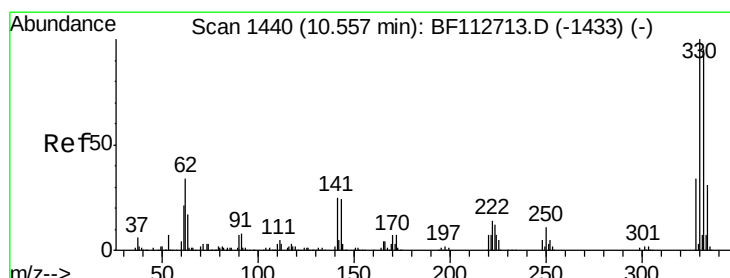
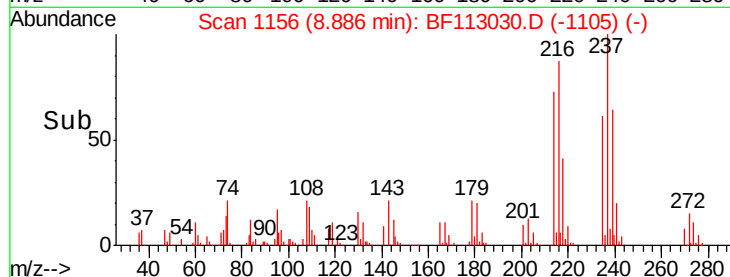
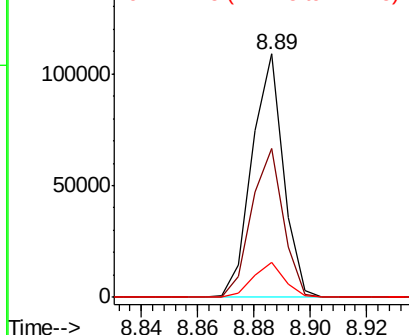
Tot Ion:	237	Resp:	83708
Ion Ratio	Lower	Upper	
237	100		
235	61.1	42.2	82.2
272	14.5	0.0	34.0

Manual Integrations
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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: 84.713 ng

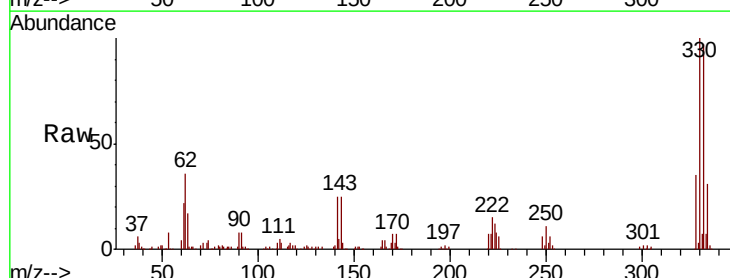
RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

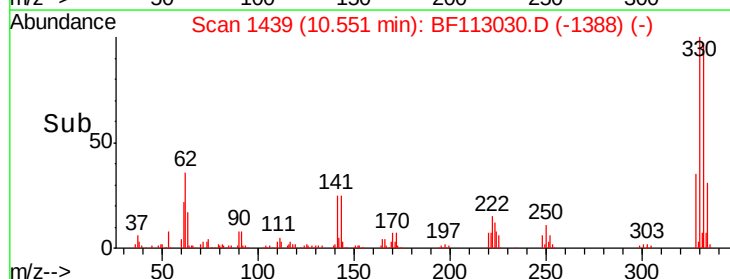
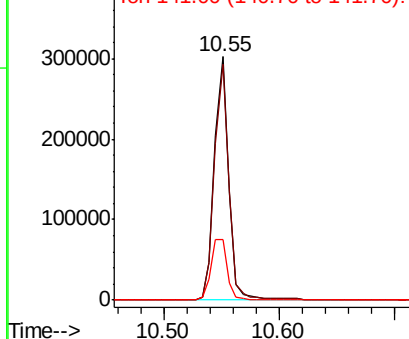
Lab File: BF113030.D

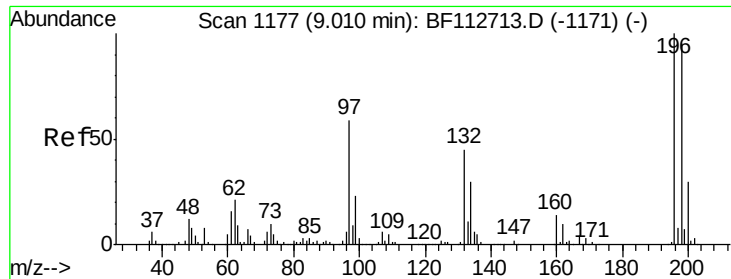
Acq: 13 Mar 2019 10:46

Tgt Ion:	330	Resp:	261985
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.2	114.4
141	28.5	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





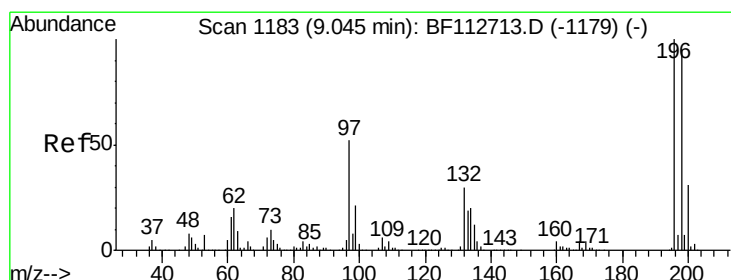
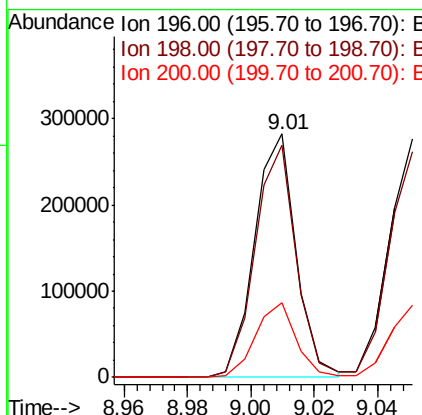
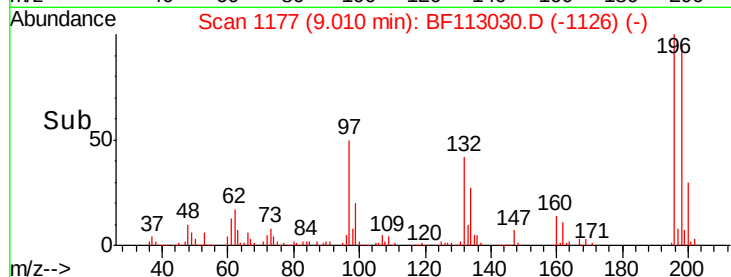
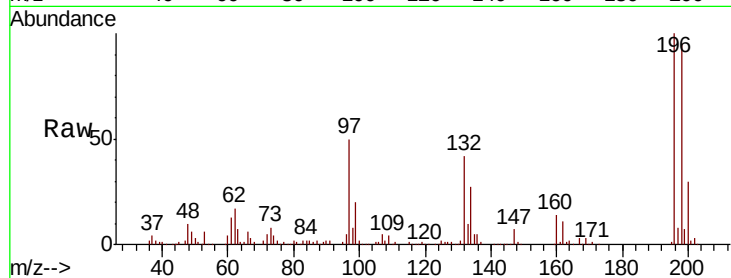
#43
 2,4,6-Trichlorophenol
 Concen: 43.846 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	256341
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.8	113.8
200	30.5	24.3	36.5

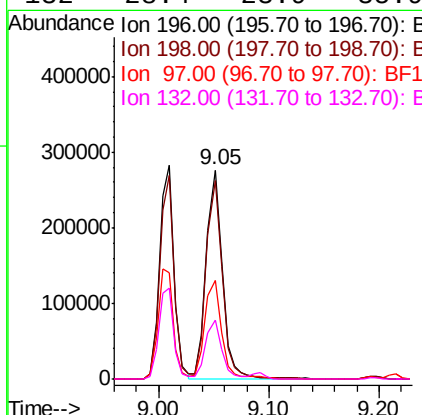
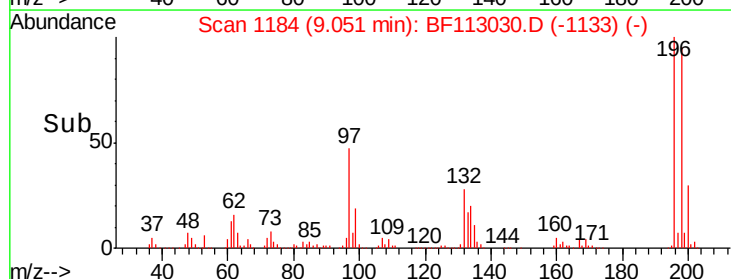
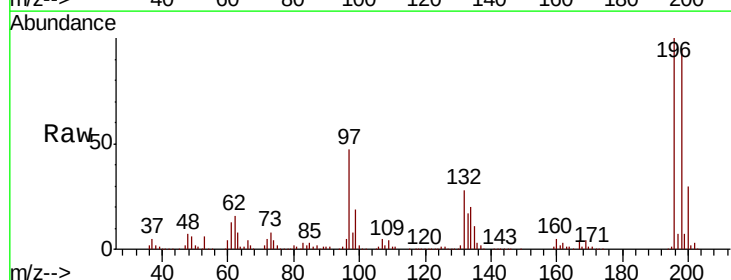
Manual Integrations
 APPROVED

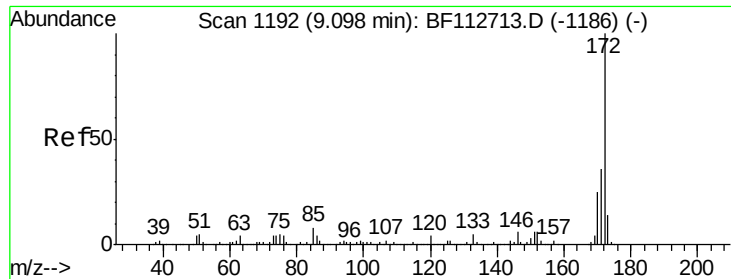
Sohil
 3/13/2019 4:33:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.644 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion:	196	Resp:	275798
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.2	114.2
97	47.0	41.5	62.3
132	28.4	23.9	35.9





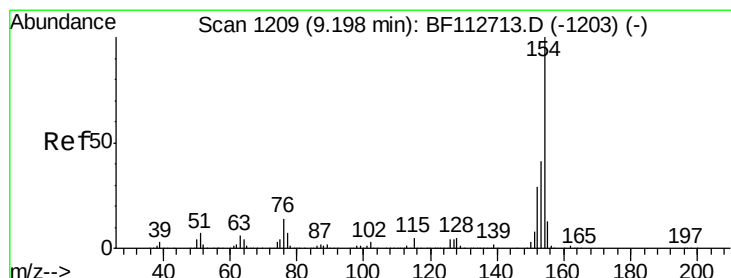
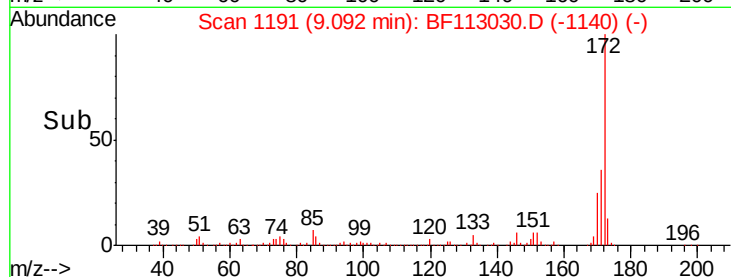
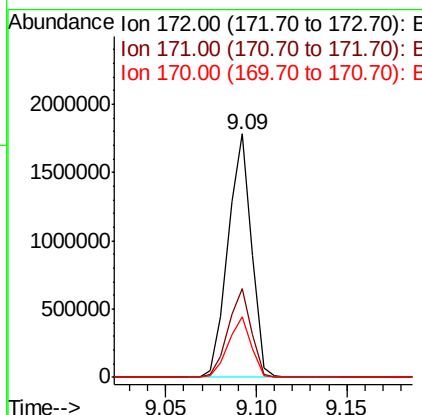
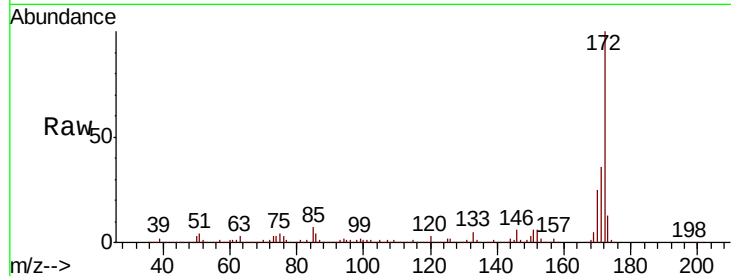
#45
2-Fluorobiphenyl
Concen: 94.282 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	29.0	43.4	
170	25.0	20.0	30.0	

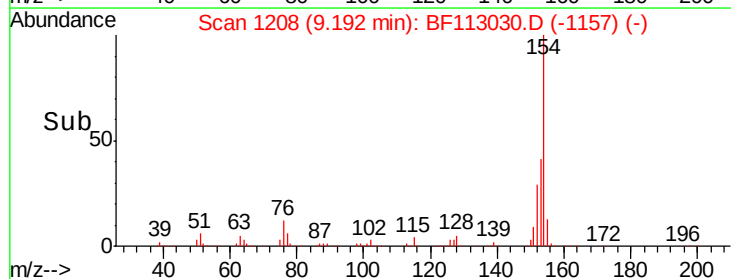
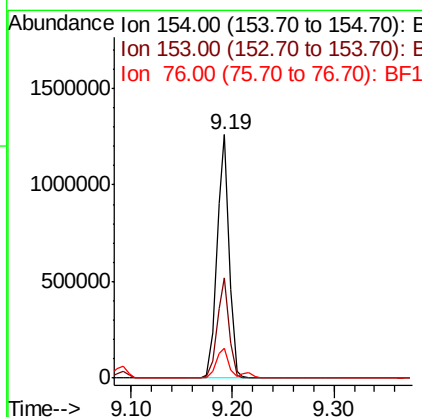
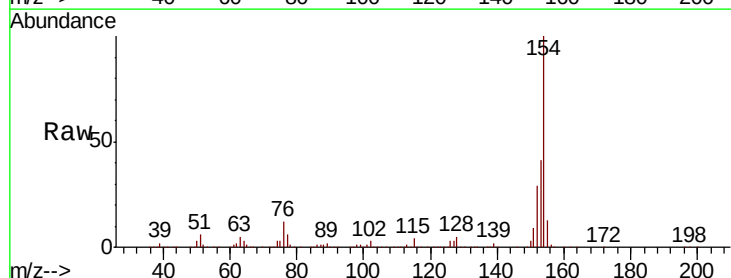
Manual Integrations
APPROVED

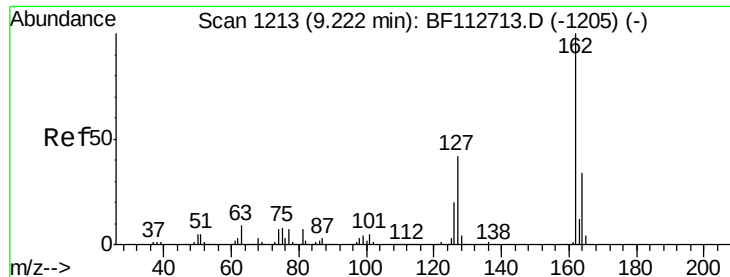
Sohil
3/13/2019 4:33:45 PM



#46
1,1'-Biphenyl
Concen: 43.639 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.0	20.8	60.8	
76	12.2	0.0	33.8	





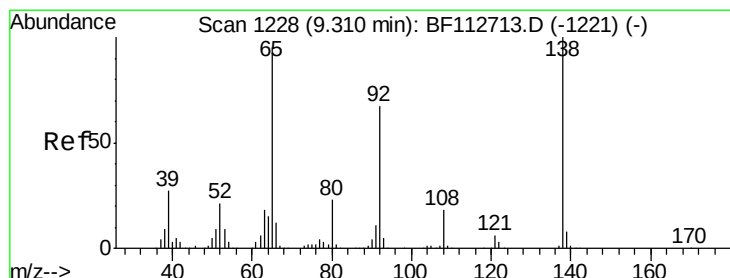
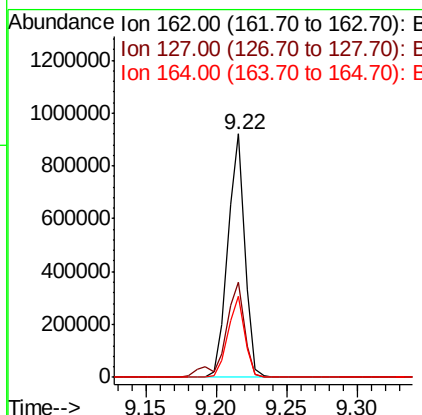
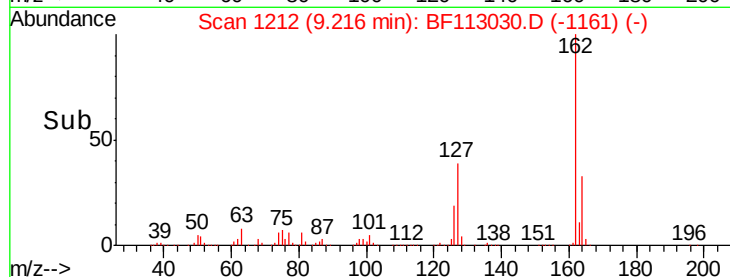
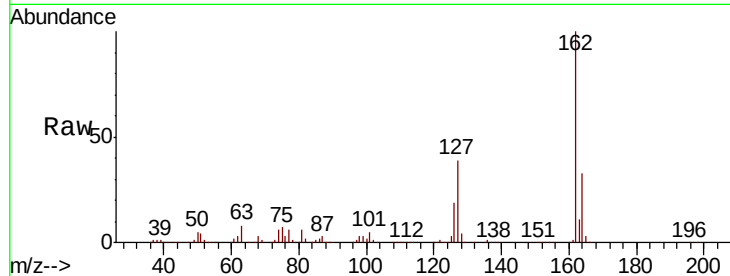
#47
2-Chloronaphthalene
Concen: 41.378 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	767697		
127	39.3		33.4	50.2
164	33.3		26.9	40.3

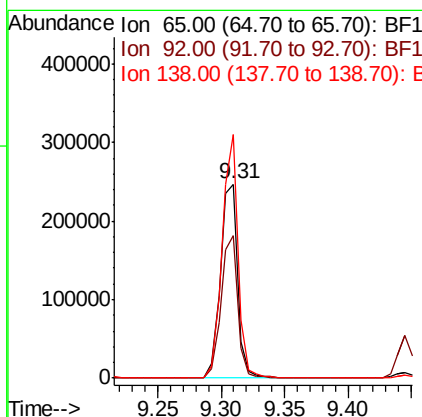
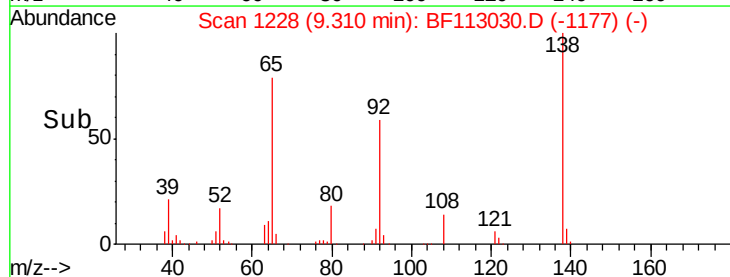
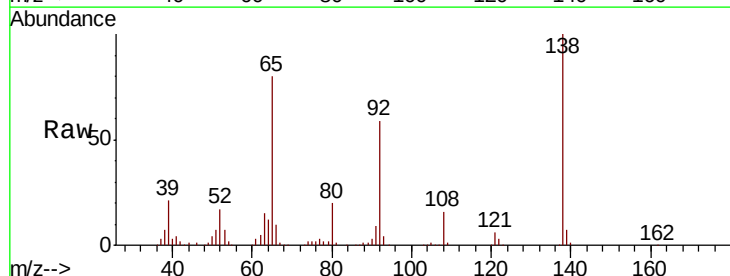
Manual Integrations
APPROVED

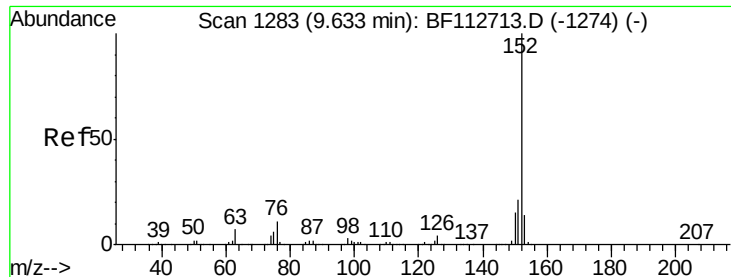
Sohil
3/13/2019 4:33:45 PM



#48
2-Nitroaniline
Concen: 42.117 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	237513		
92	73.5		56.4	84.6
138	125.6		84.6	126.8





#49

Acenaphthylene

Concen: 38.747 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 1220408

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

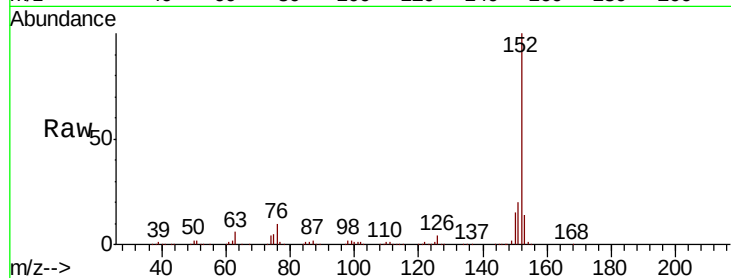
153 13.6 11.0 16.6

Manual Integrations

APPROVED

Sohil

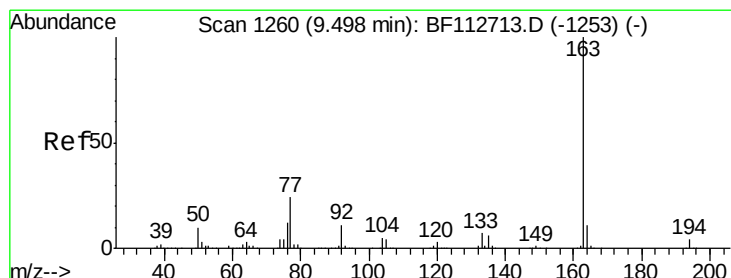
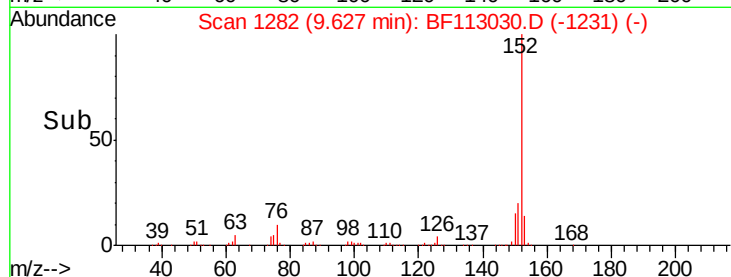
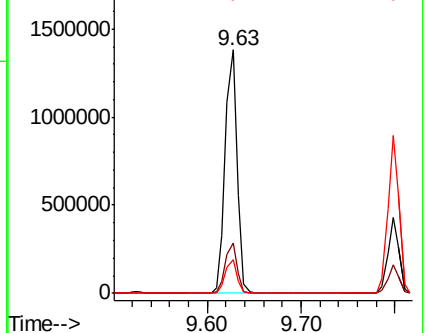
3/13/2019 4:33:45 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.542 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

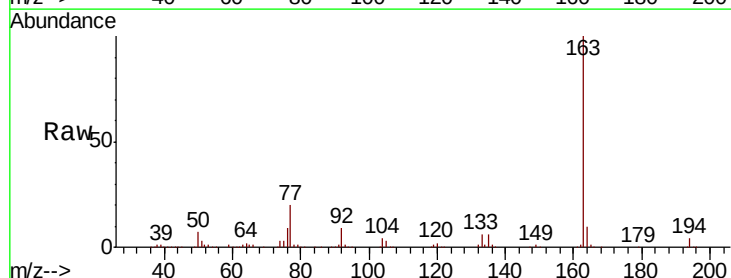
Tgt Ion:163 Resp: 913786

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

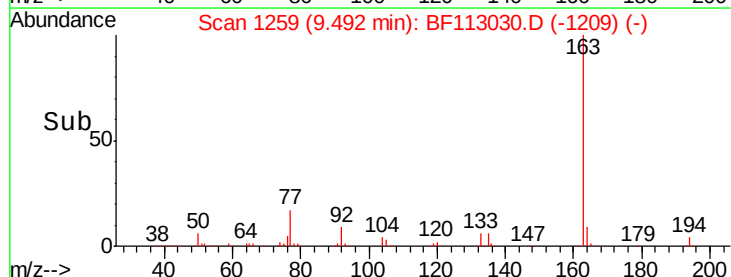
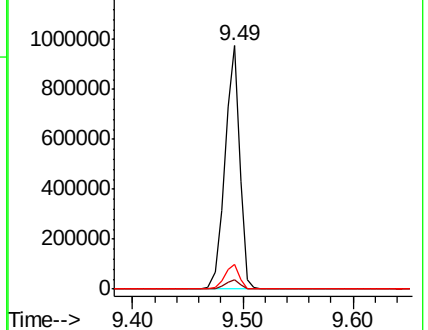
164 9.9 8.4 12.6

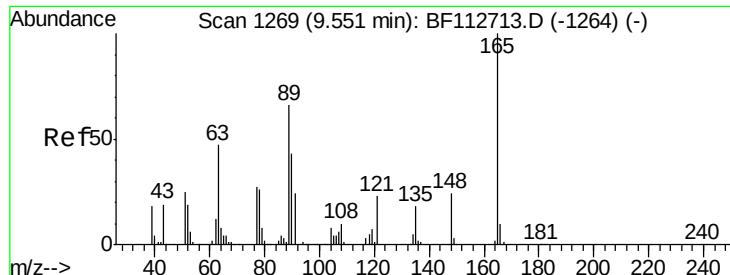


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





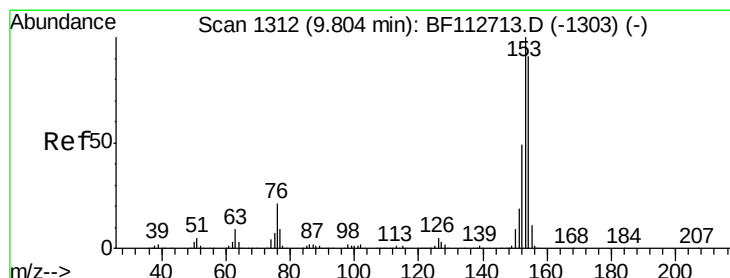
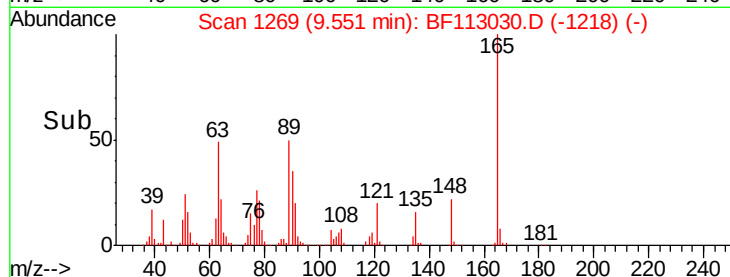
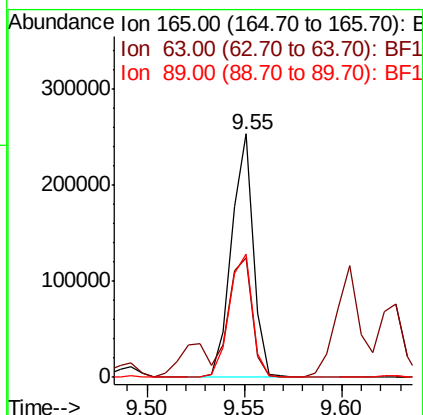
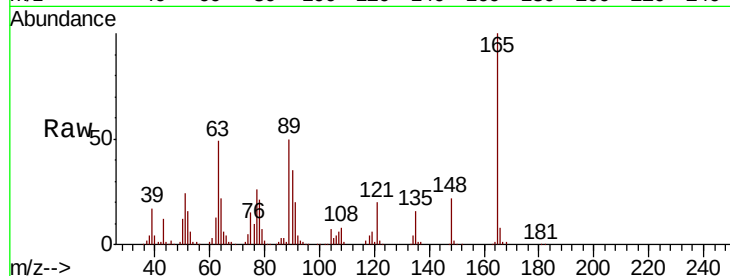
#51
 2,6-Dinitrotoluene
 Concen: 43.831 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	196053		
63	48.9	54.1	81.1#	
89	50.5	52.8	79.2#	

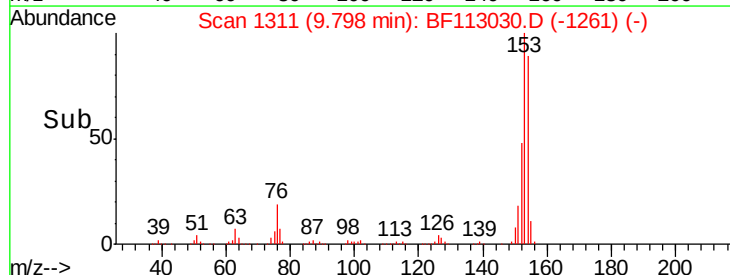
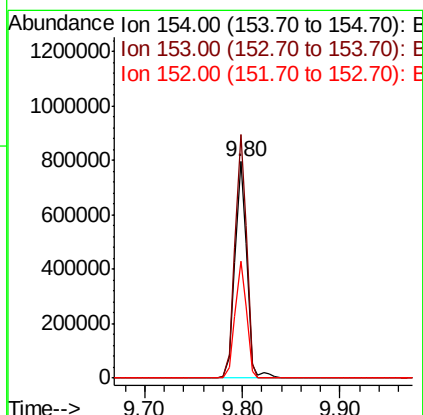
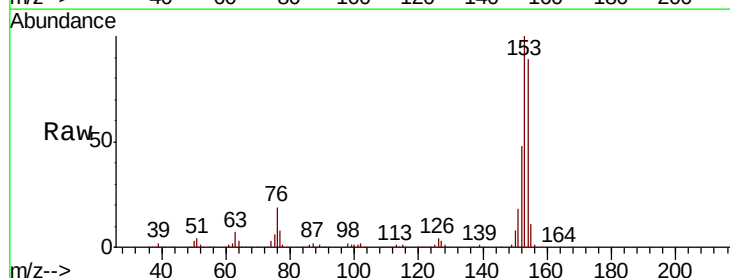
Manual Integrations
 APPROVED

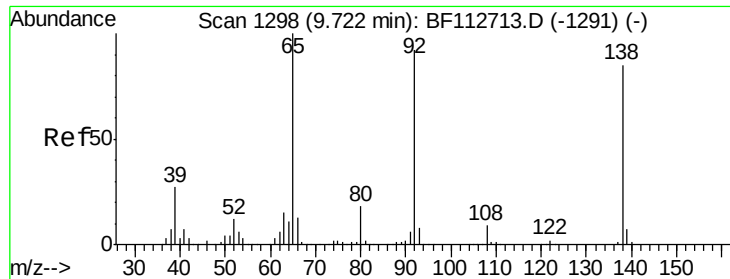
Sohil
 3/13/2019 4:33:45 PM



#52
 Acenaphthene
 Concen: 36.734 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	676611		
153	112.5	87.8	131.8	
152	54.0	43.0	64.6	





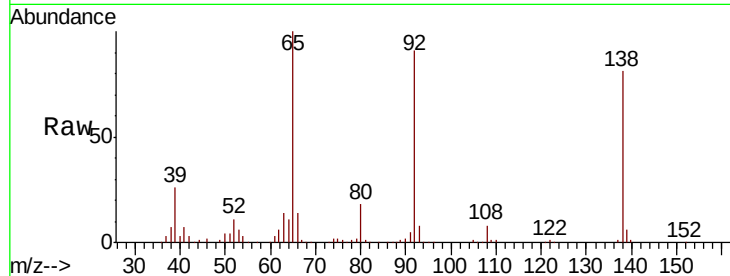
#53
3-Nitroaniline
Concen: 39.831 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	112.1	86.6	129.8

Manual Integrations
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Sohil
3/13/2019 4:33:45 PM

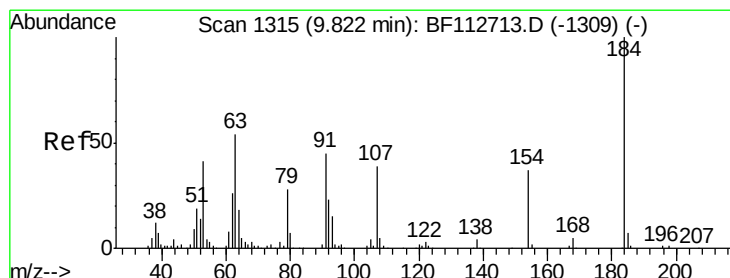
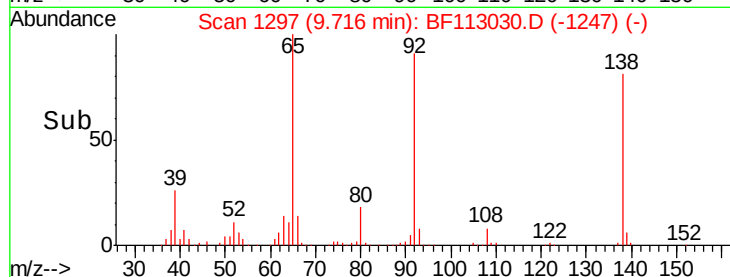
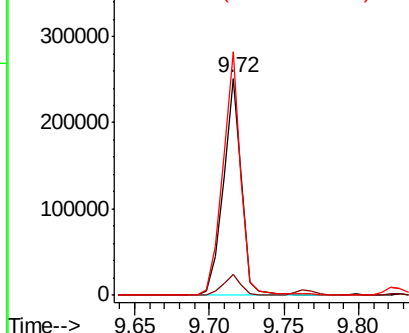


Abundance

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: 24.281 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

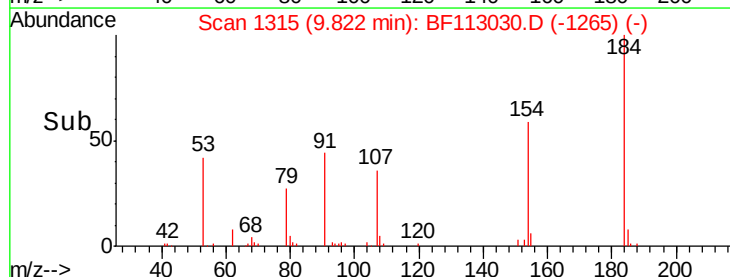
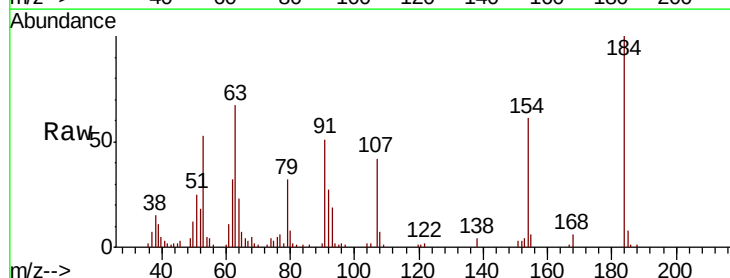
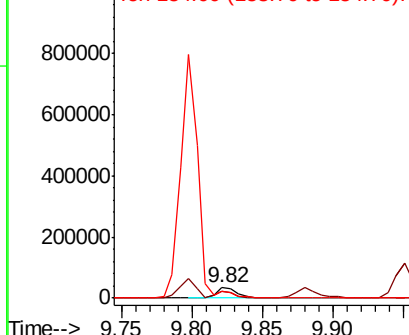
Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.5	45.3	67.9
154	60.7	46.0	69.0

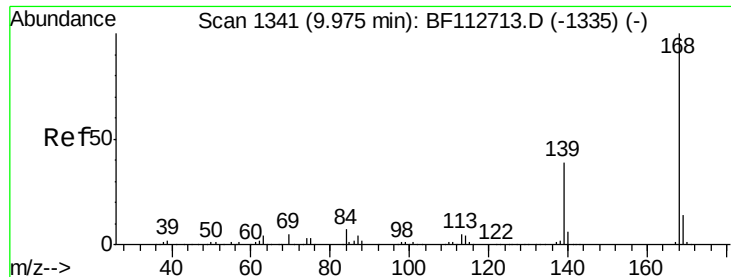
Abundance

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





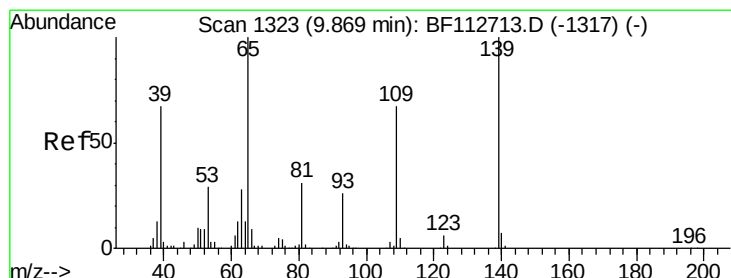
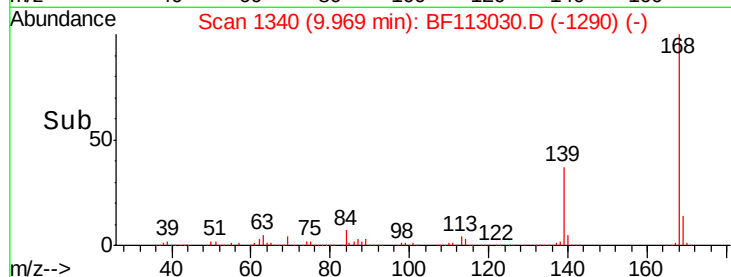
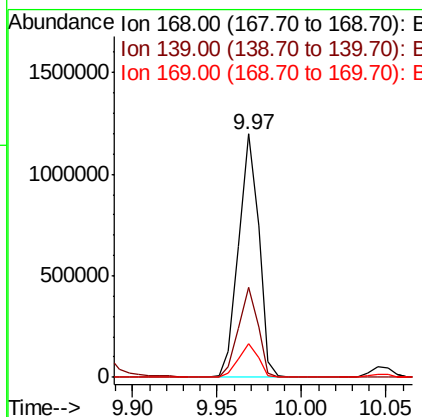
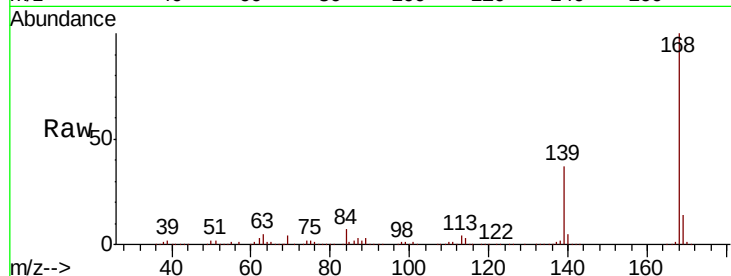
#55
Dibenzofuran
Concen: 37.292 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.3	46.9
169	13.9	11.3	16.9

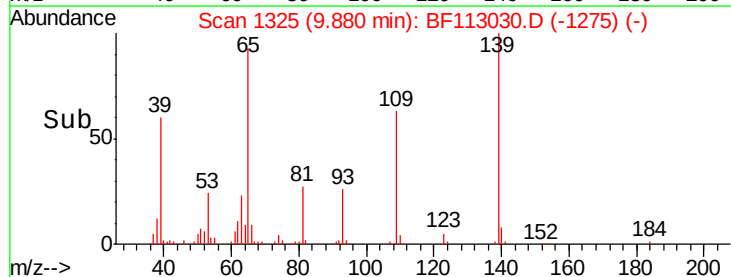
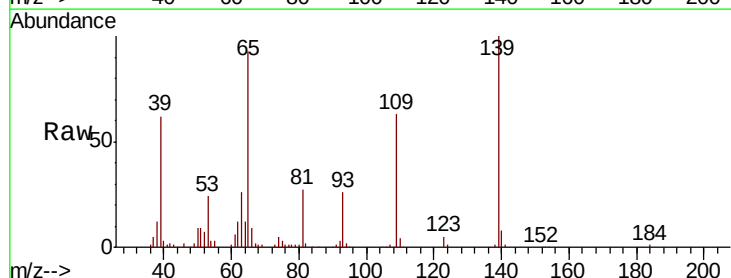
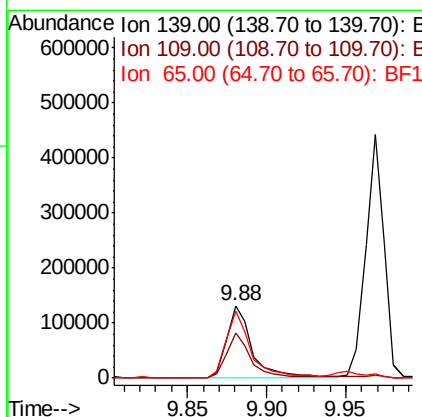
Manual Integrations
APPROVED

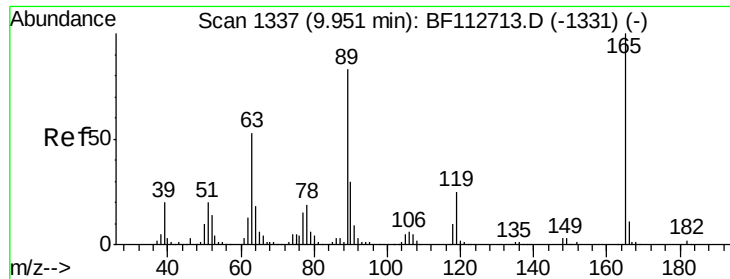
Sohil
3/13/2019 4:33:45 PM



#56
4-Nitrophenol
Concen: 33.275 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.9	46.8	86.8
65	93.3	80.7	120.7





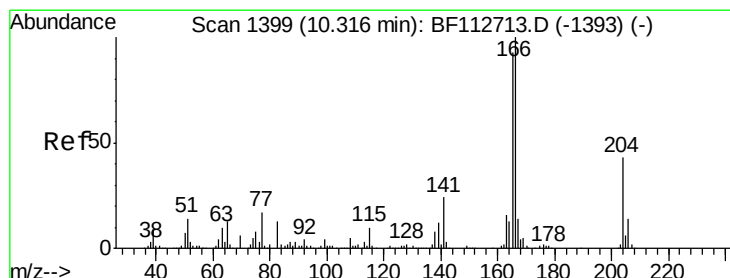
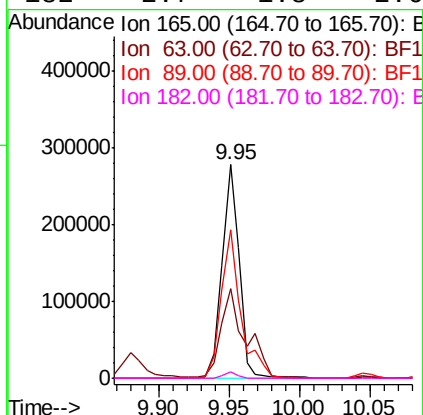
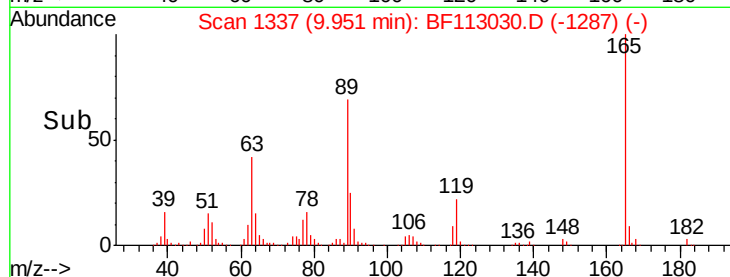
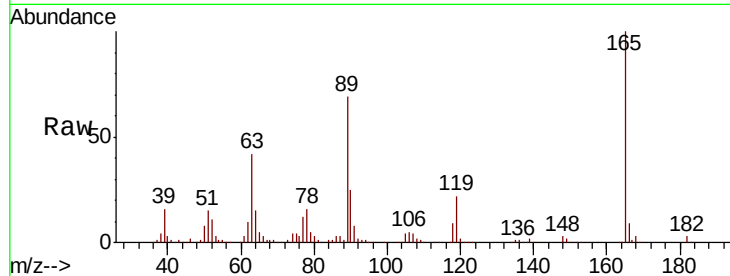
#57
2,4-Dinitrotoluene
Concen: 42.201 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	42.2	63.2#
89	69.3	66.2	99.4
182	2.7	1.8	2.6#

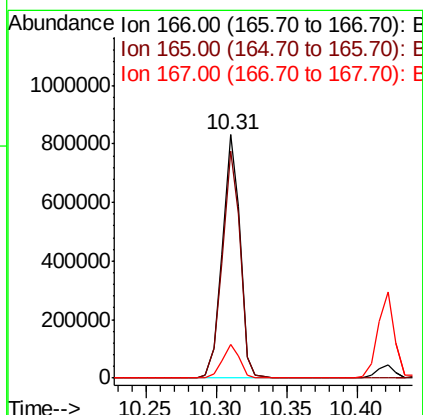
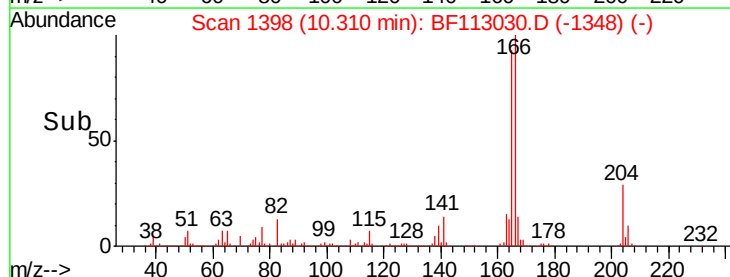
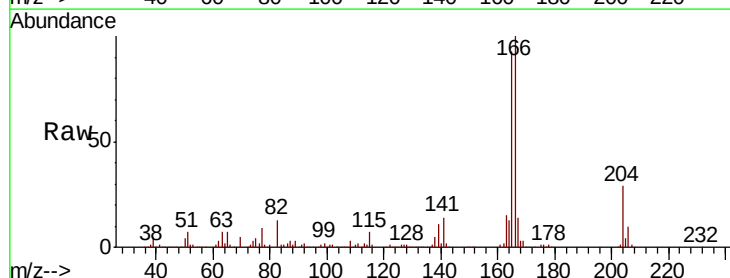
Manual Integrations
APPROVED

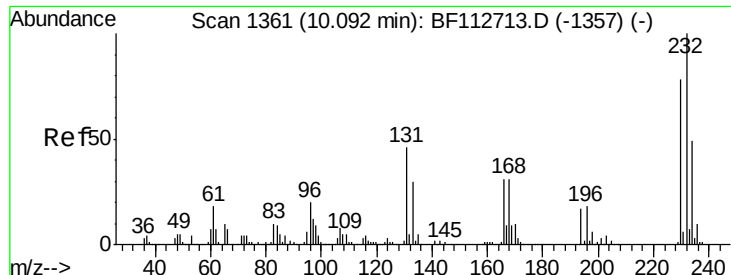
Sohil
3/13/2019 4:33:45 PM



#58
Fluorene
Concen: 38.061 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	74.7	112.1
167	13.9	11.0	16.6





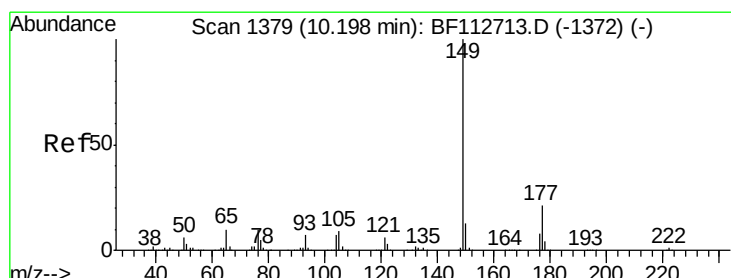
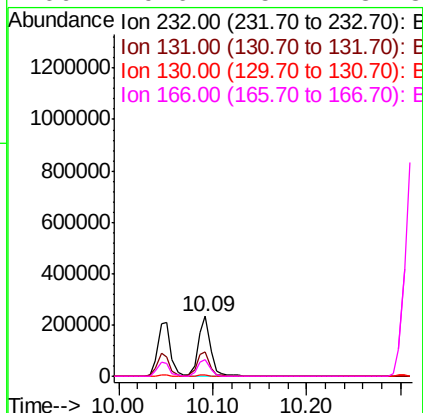
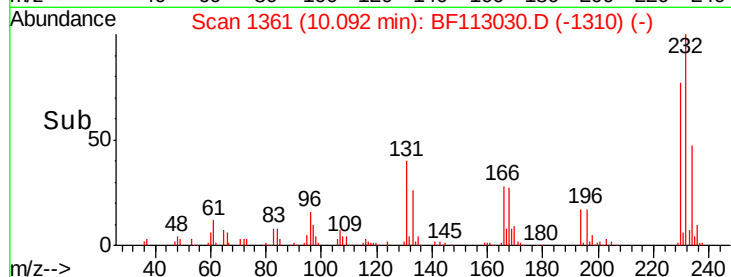
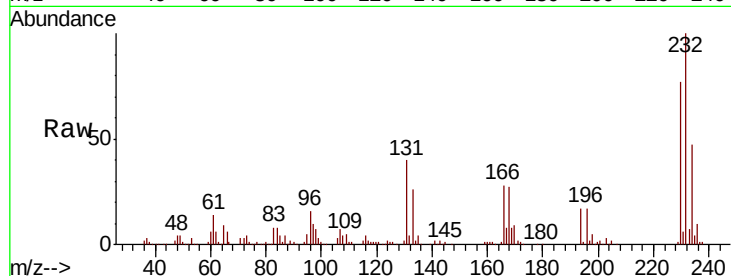
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.549 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	38.7	58.1
130	2.0	1.9	2.9
166	29.6	25.2	37.8

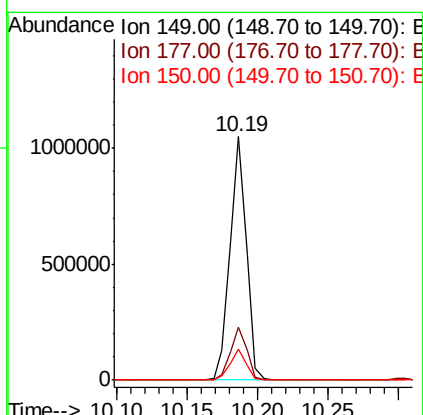
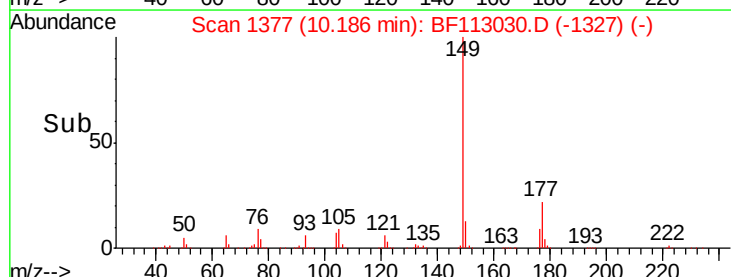
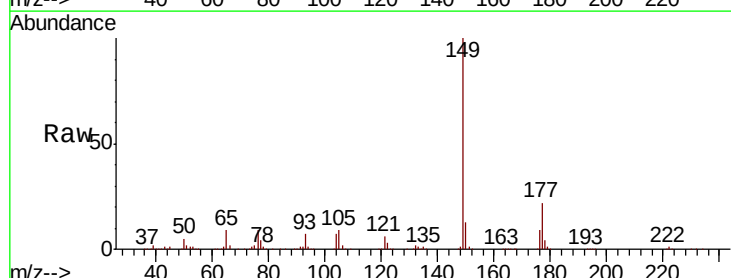
Manual Integrations
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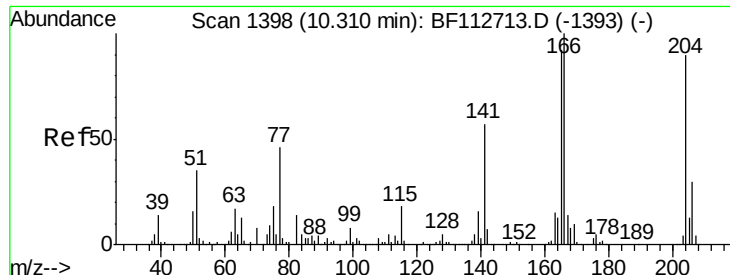
Sohil
3/13/2019 4:33:45 PM



#60
Diethylphthalate
Concen: 37.372 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.6
150	12.5	10.0	15.0





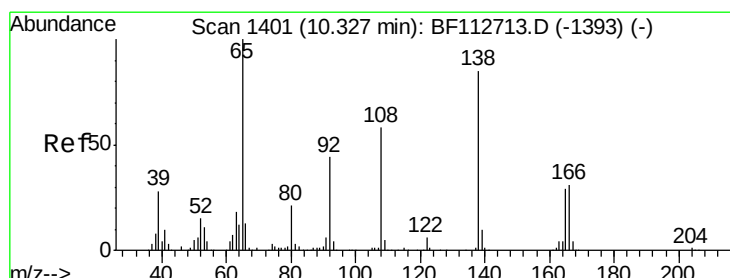
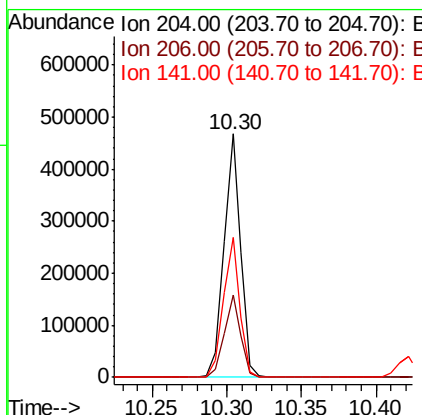
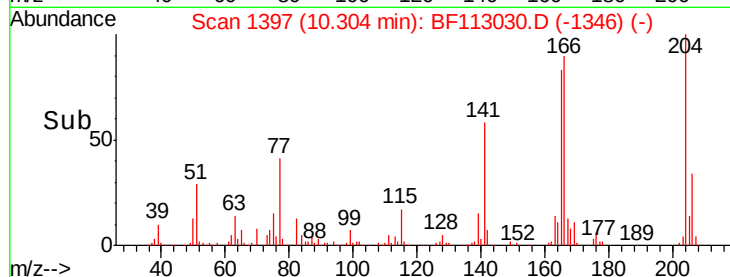
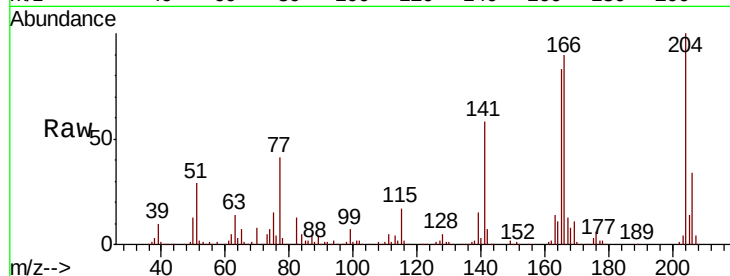
#61
4-Chlorophenyl-phenylether
Concen: 41.911 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	40.0
141	57.5	50.8	76.2

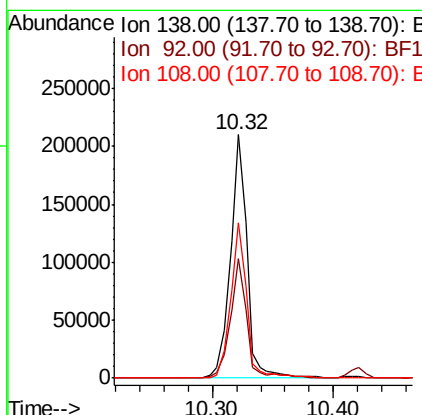
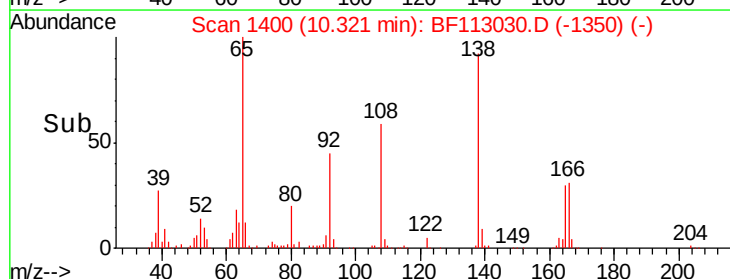
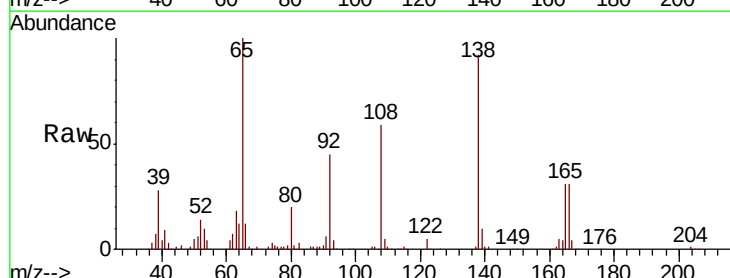
Manual Integrations
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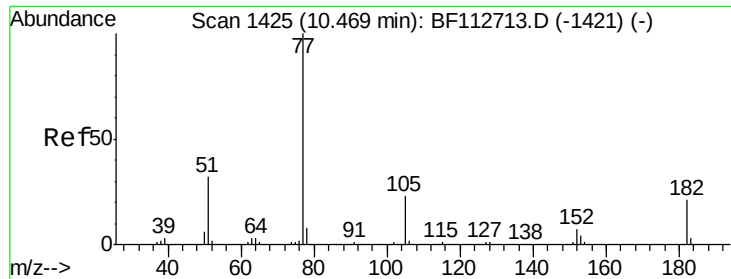
Sohil
3/13/2019 4:33:45 PM



#62
4-Nitroaniline
Concen: 40.157 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.3	71.3
108	64.0	48.1	88.1





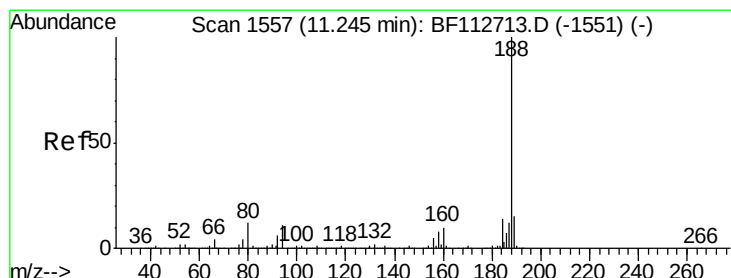
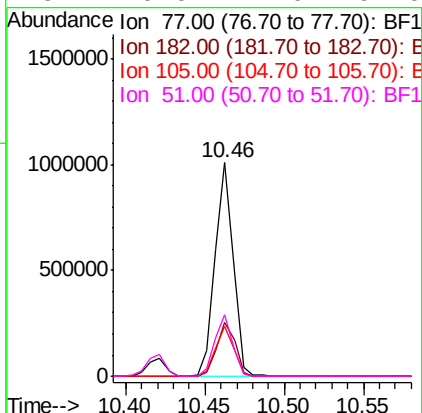
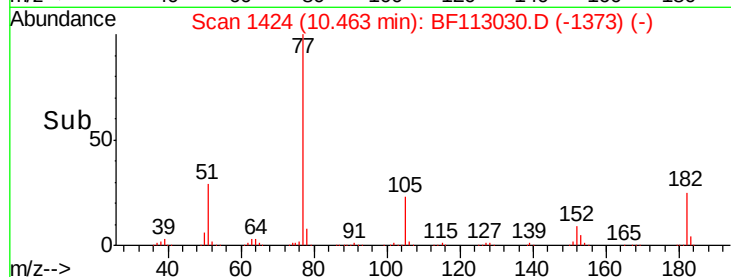
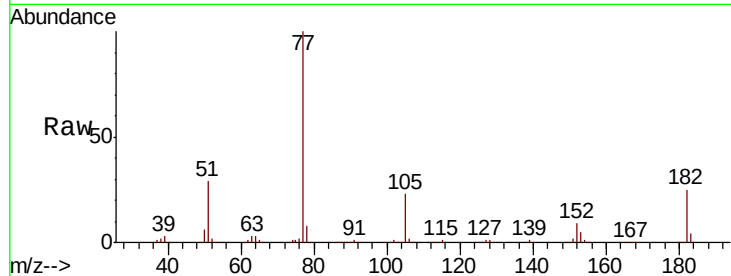
#63
Azobenzene
Concen: 34.398 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		799277		
182	25.2	1.4	41.4		
105	23.2	2.6	42.6		
51	29.0	12.0	52.0		

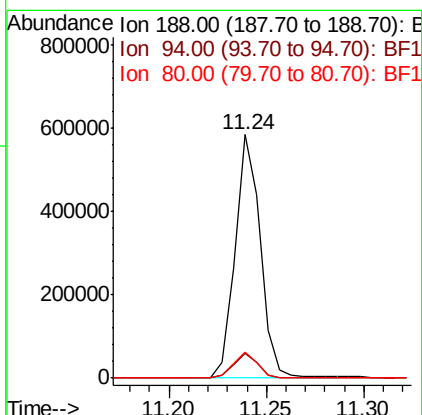
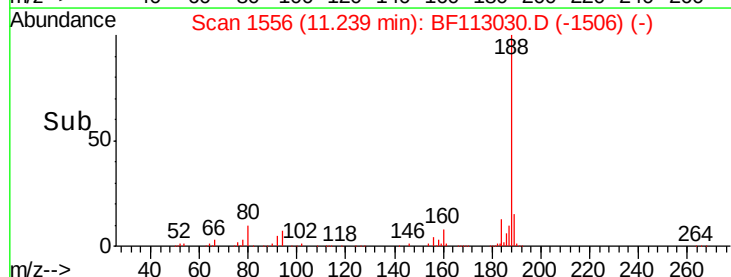
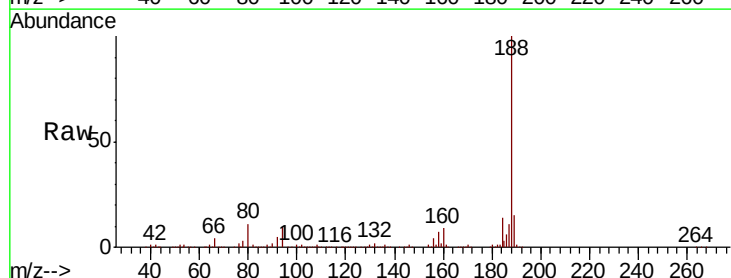
Manual Integrations
APPROVED

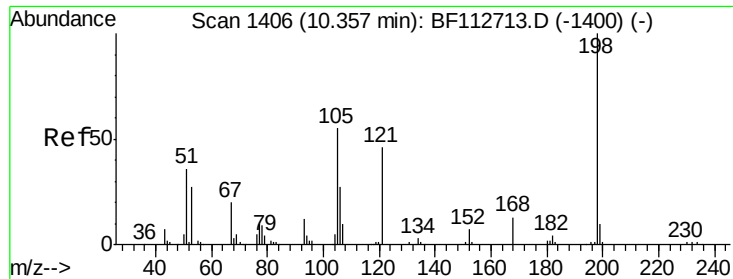
Sohil
3/13/2019 4:33:45 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		522276		
94	10.2	9.0	13.4		
80	10.8	9.2	13.8		





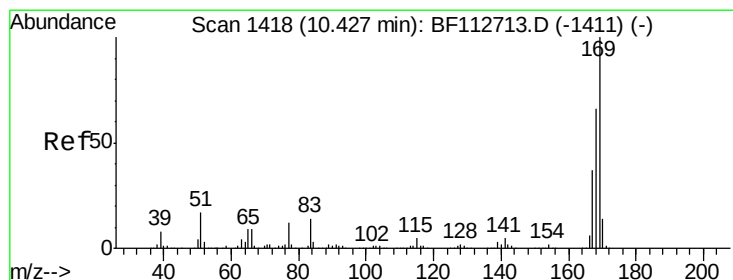
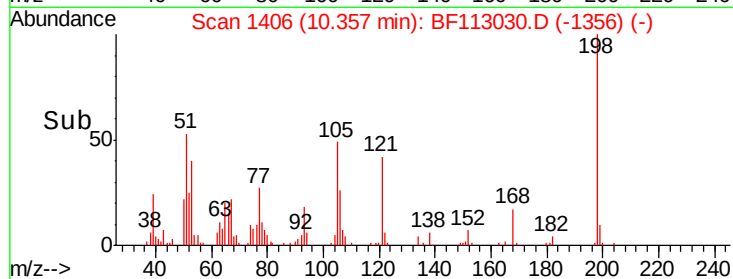
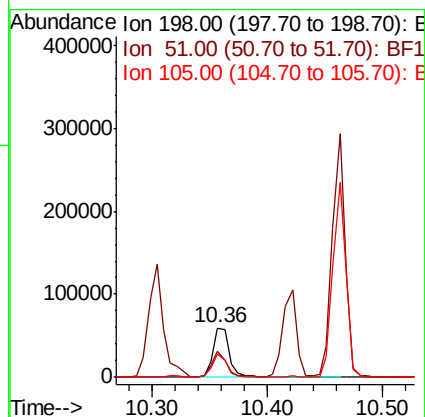
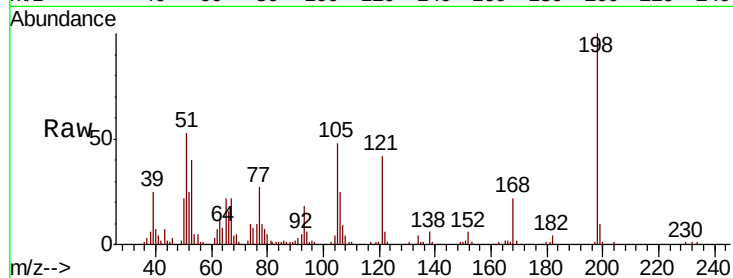
#65
4,6-Dinitro-2-methylphenol
Concen: 29.625 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	53.2	43.8	83.8
105	48.0	36.5	76.5

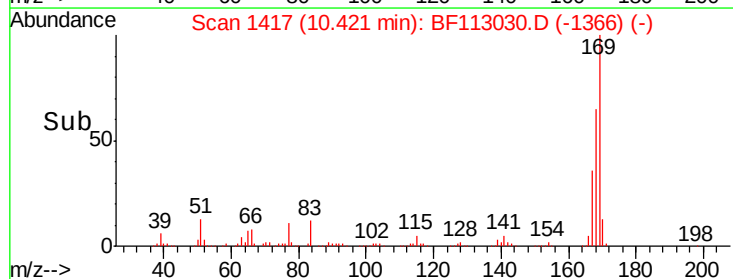
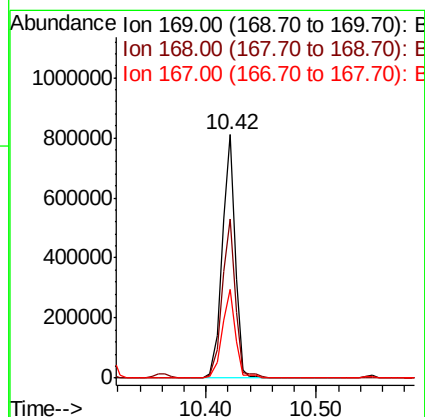
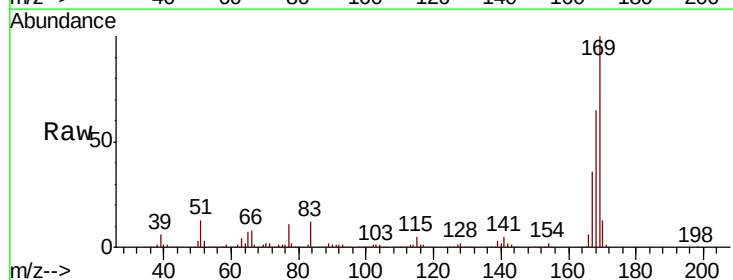
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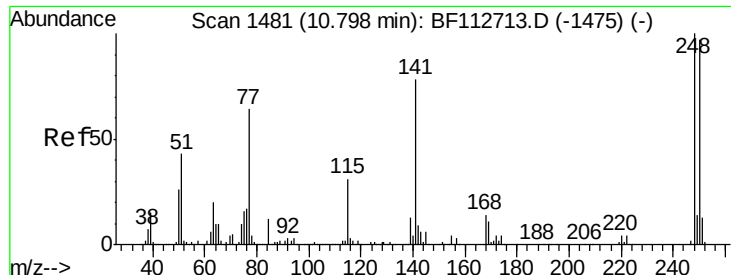
Sohil
3/13/2019 4:33:45 PM



#66
n-Nitrosodiphenylamine
Concen: 39.515 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.0	79.6
167	36.3	29.3	43.9





#67

4-Bromophenyl-phenylether

Concen: 42.356 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

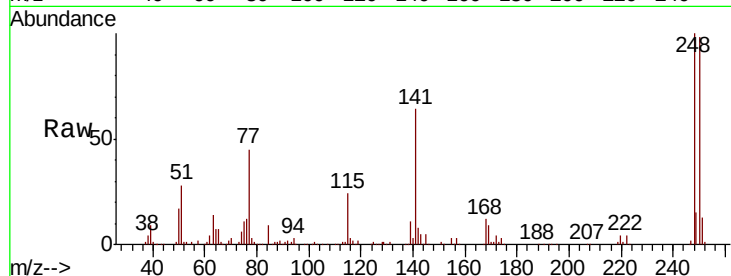
ClientSampleId :

SSTDCCC040EC

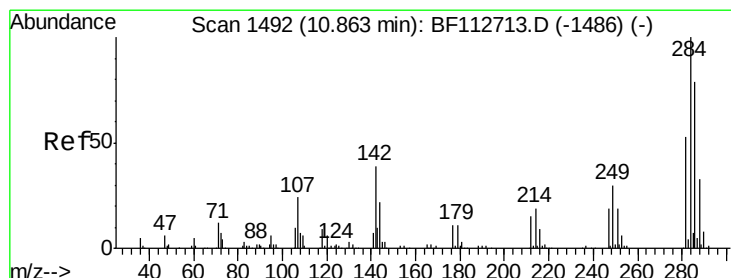
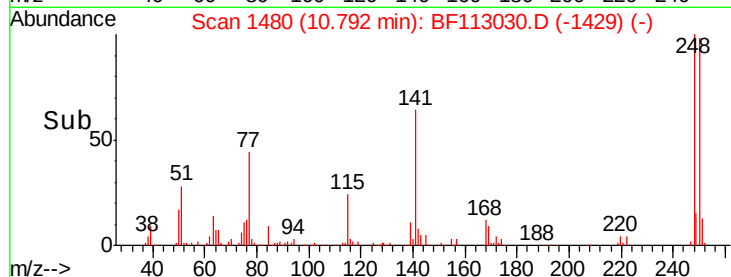
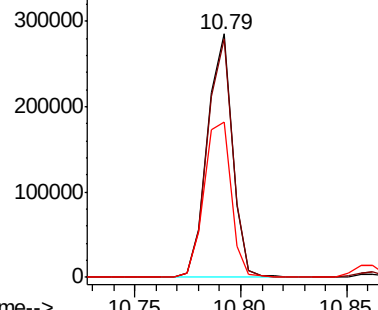
Tot Ion:	248	Resp:	233008
Ion Ratio	Lower	Upper	
248	100		
250	97.8	77.5	116.3
141	63.7	62.4	93.6

Manual Integrations
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3/13/2019 4:33:45 PM



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: 41.904 ng

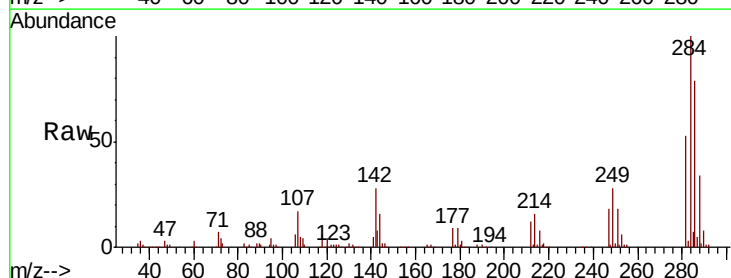
RT: 10.86 min Scan# 1492

Delta R.T. -0.00 min

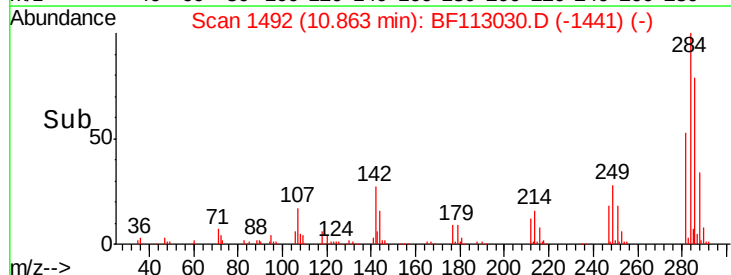
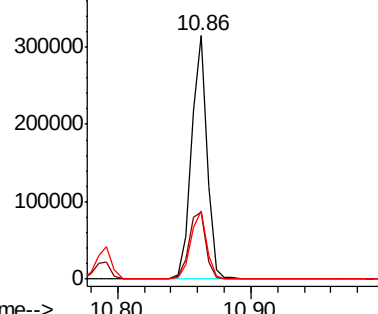
Lab File: BF113030.D

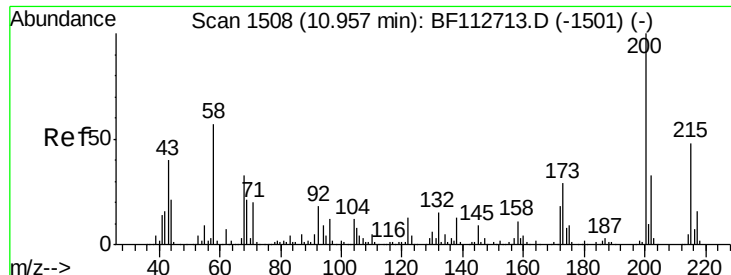
Acq: 13 Mar 2019 10:46

Tgt Ion:	284	Resp:	259854
Ion Ratio	Lower	Upper	
284	100		
142	27.7	31.0	46.6#
249	27.8	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





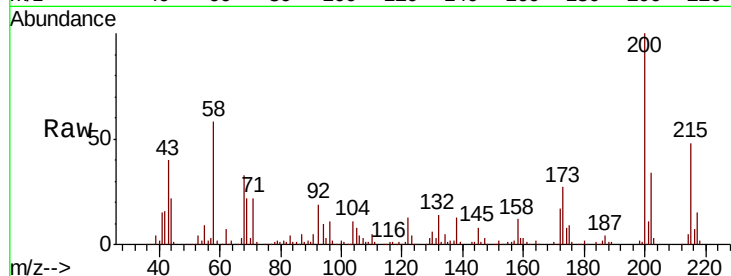
#69
Atrazine
Concen: 39.931 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	9.1	49.1
215	47.7	28.2	68.2

Manual Integrations
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Sohil
3/13/2019 4:33:45 PM

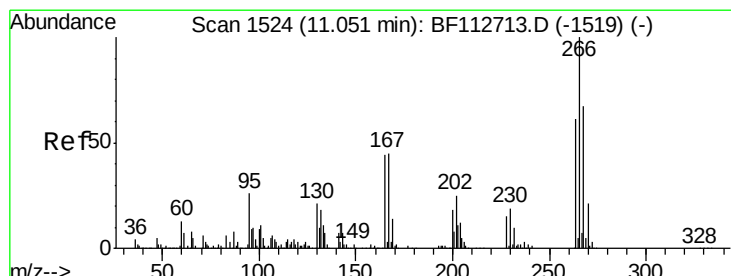
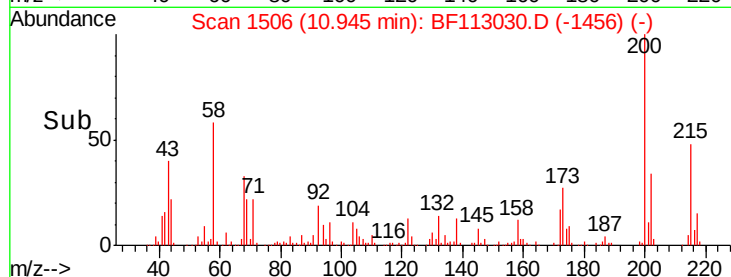
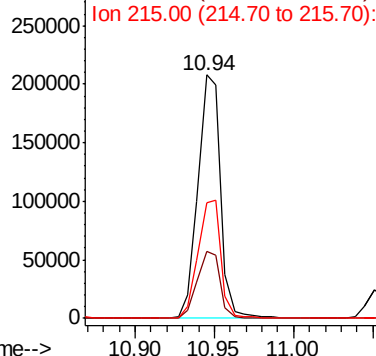


Abundance

Ion 200.00 (199.70 to 200.70): E

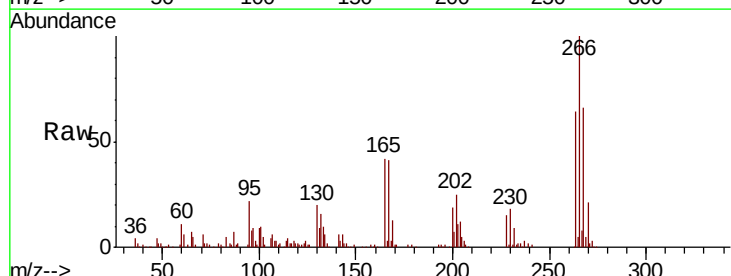
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 41.095 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	53.3	79.9
264	64.1	48.9	73.3

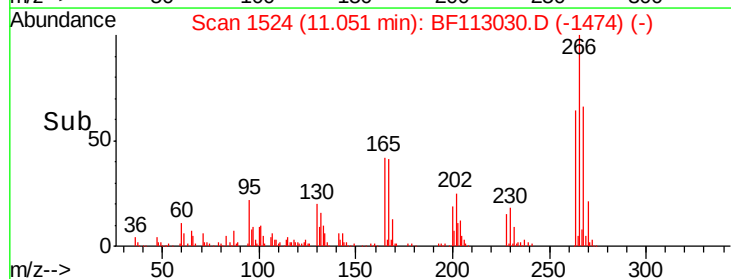
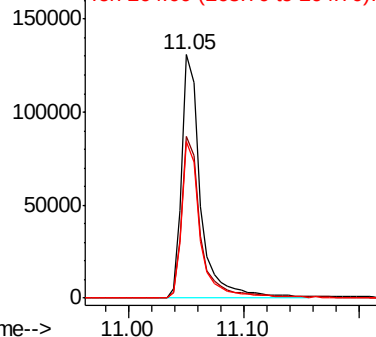


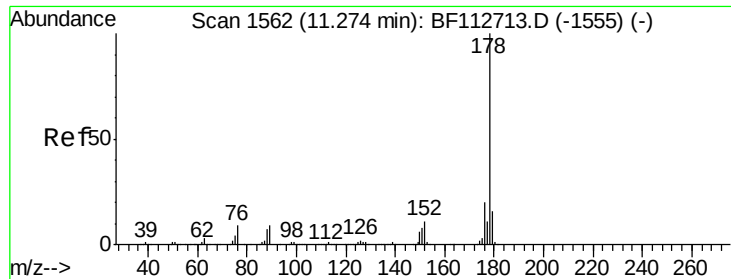
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





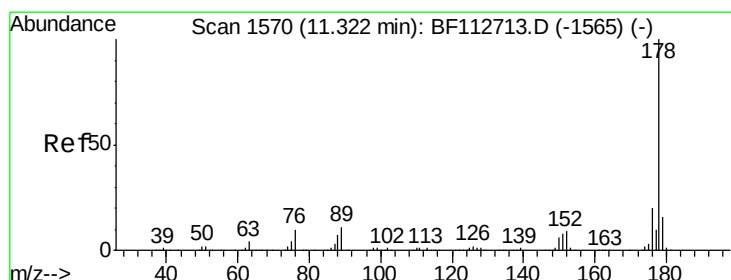
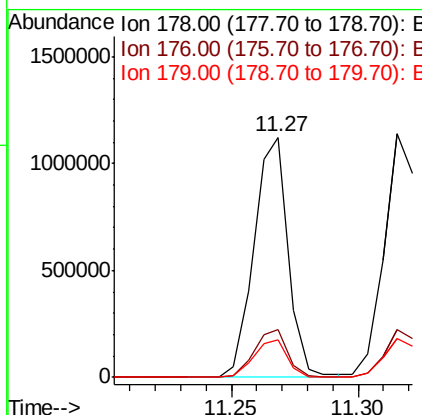
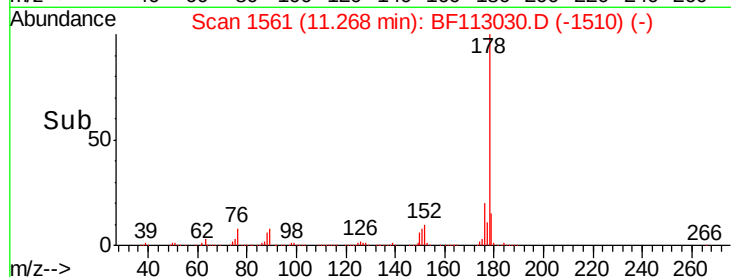
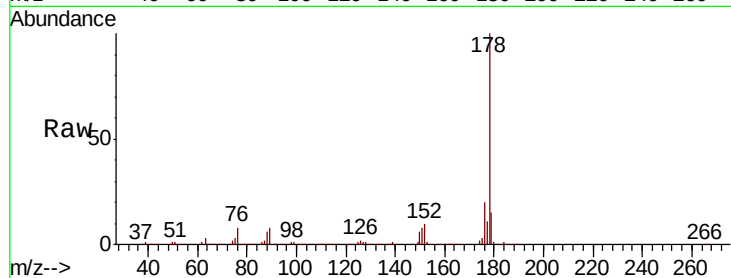
#71
Phenanthrene
Concen: 40.357 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 1048691
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.4 12.7 19.1

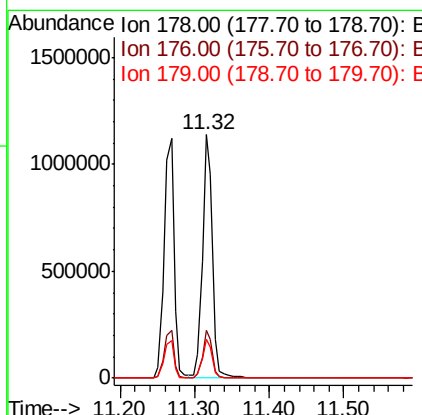
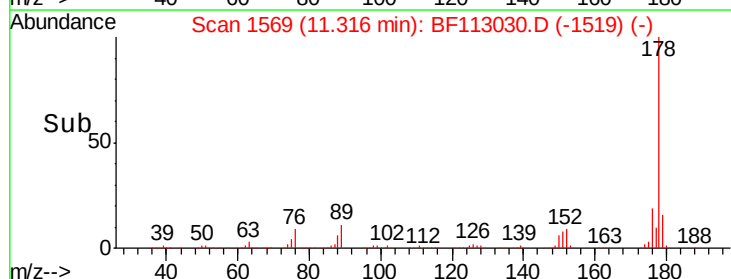
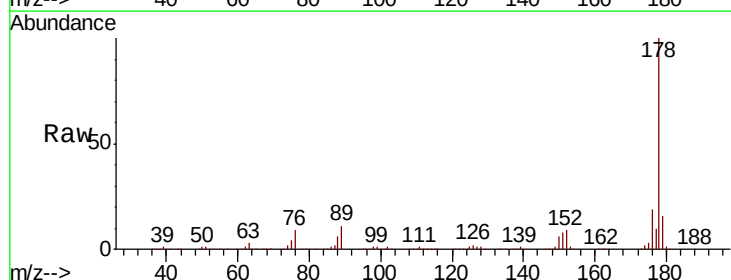
Manual Integrations
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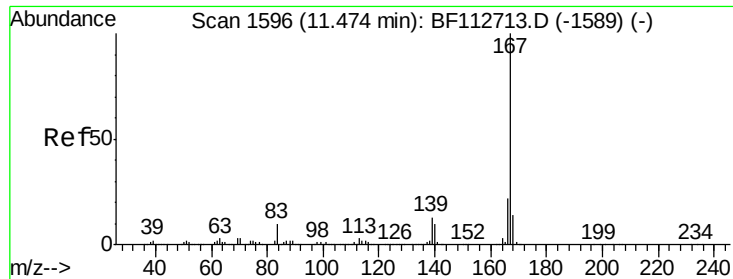
Sohil
3/13/2019 4:33:45 PM



#72
Anthracene
Concen: 39.721 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:178 Resp: 1080443
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.1 13.0 19.6





#73
 Carbazole
 Concen: 39.191 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

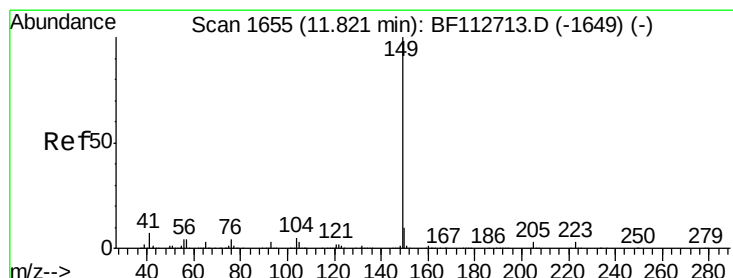
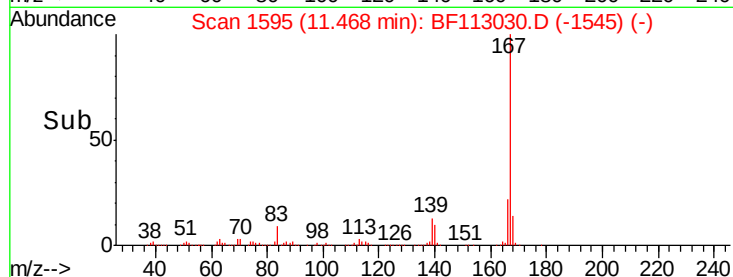
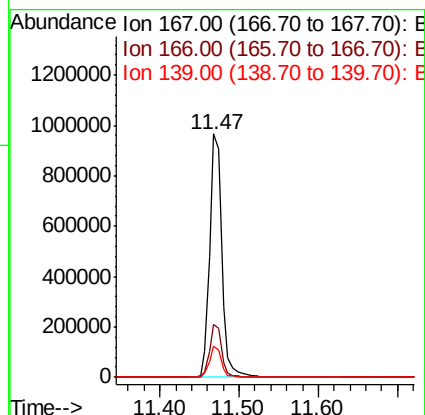
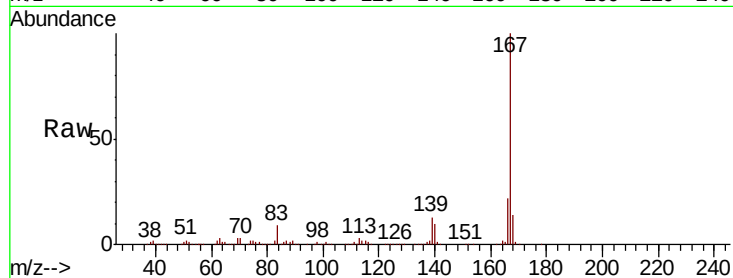
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 1039933

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	12.8	10.8	16.2

Manual Integrations
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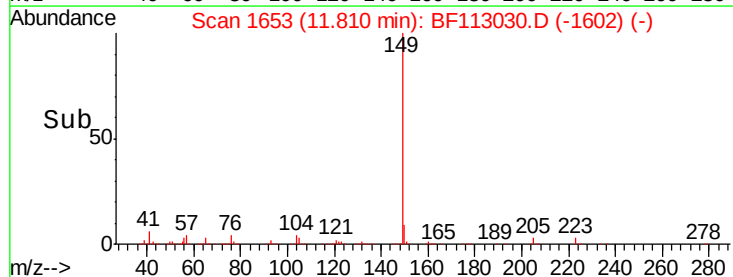
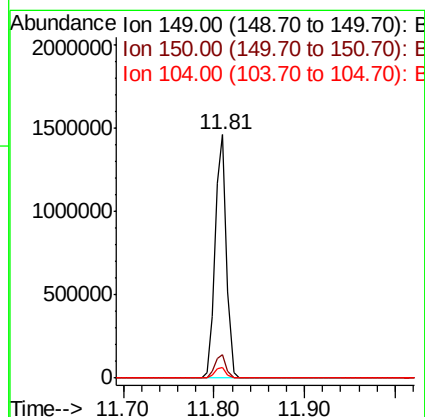
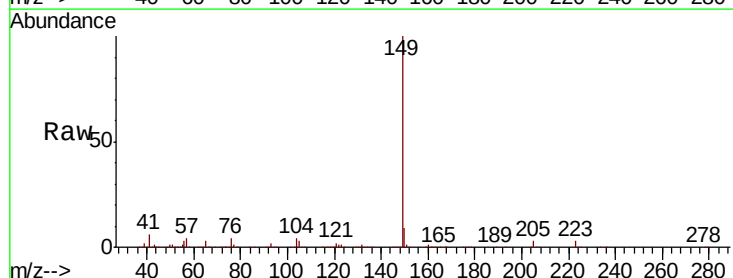
Sohil
 3/13/2019 4:33:45 PM

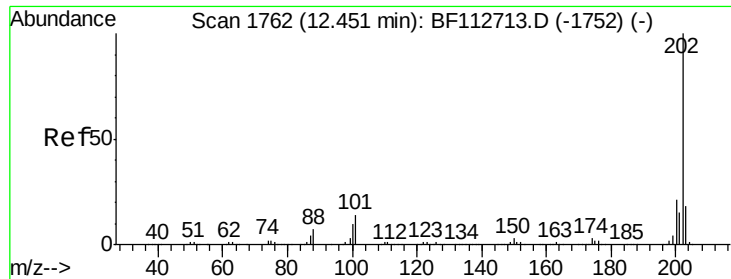


#74
 Di-n-butylphthalate
 Concen: 40.130 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion:149 Resp: 1276806

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.4	3.7	5.5





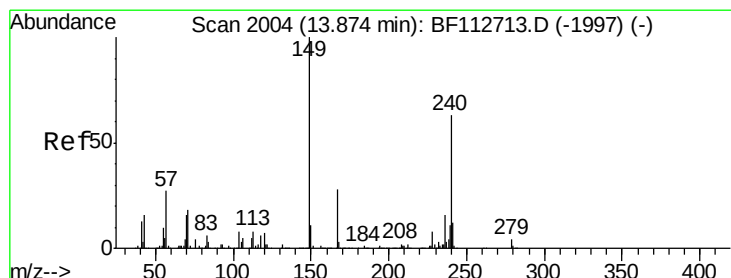
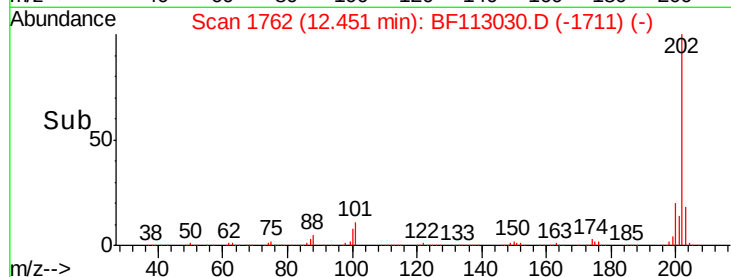
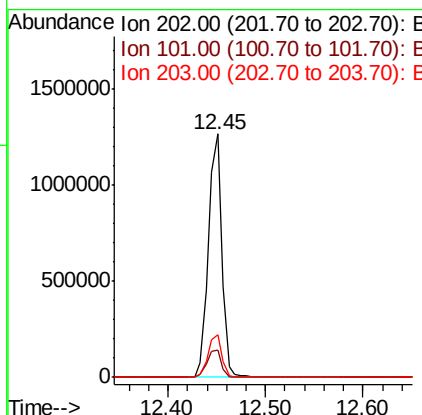
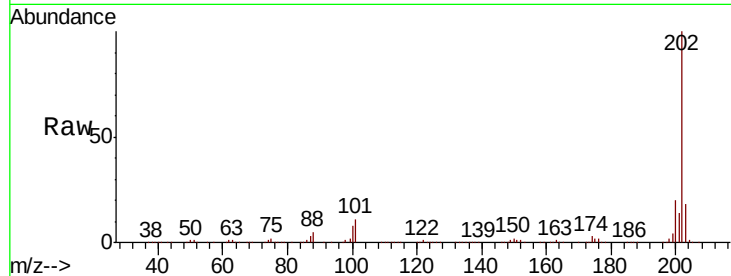
#75
 Fluoranthene
 Concen: 43.843 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.8
203	17.6	0.0	38.4

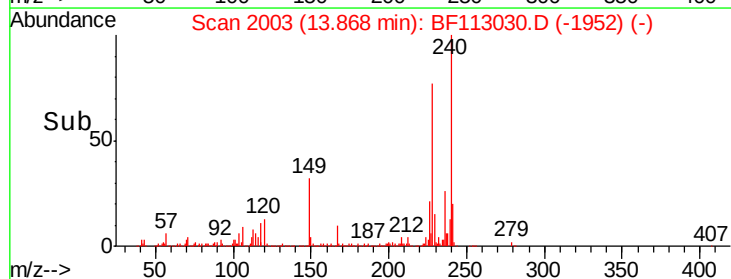
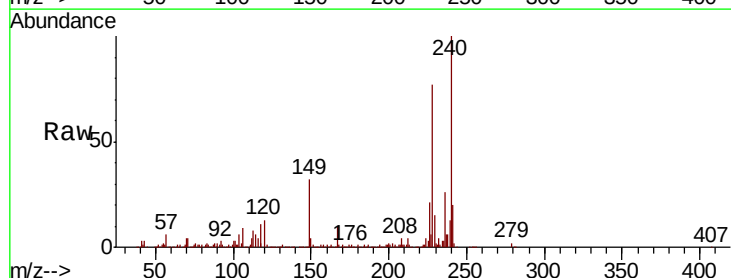
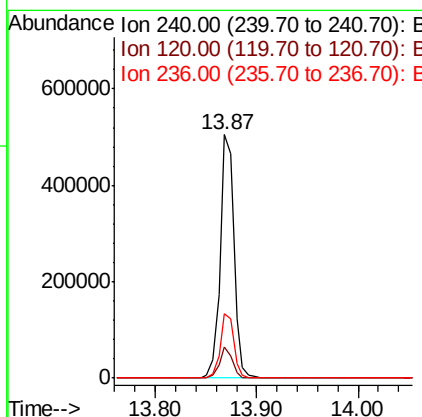
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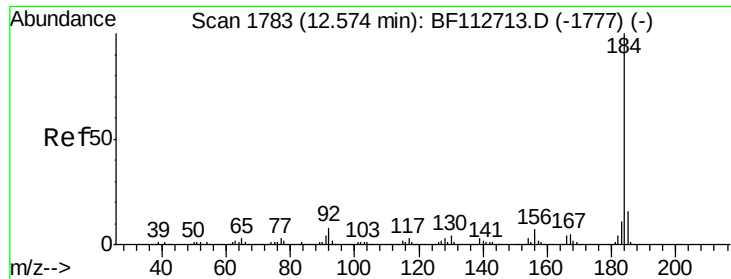
Sohil
 3/13/2019 4:33:45 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.9	13.3
236	26.4	20.7	31.1





#77

Benzidine

Concen: 25.521 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

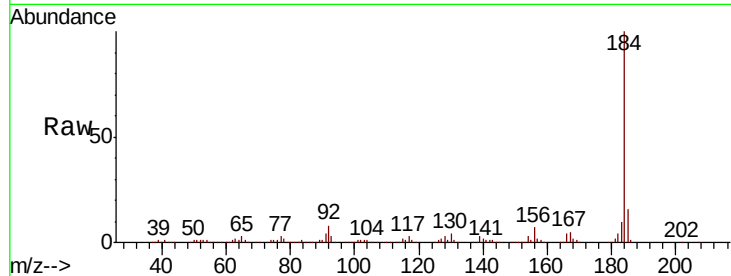
ClientSampleId :

SSTDCCC040EC

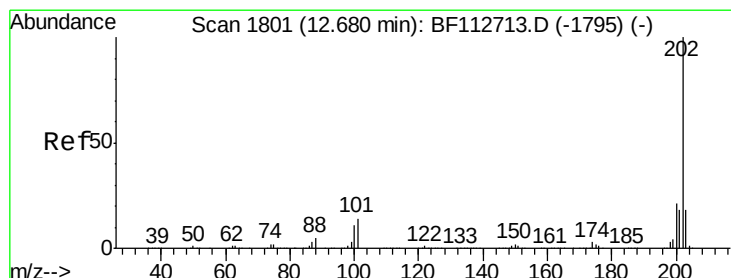
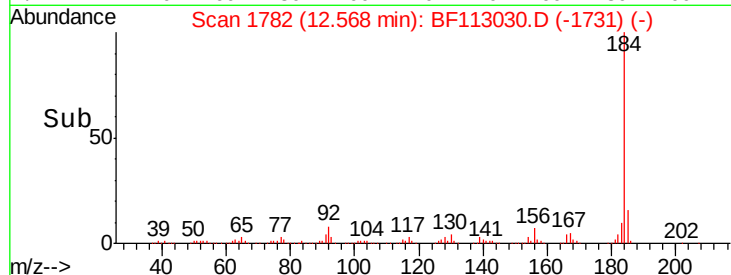
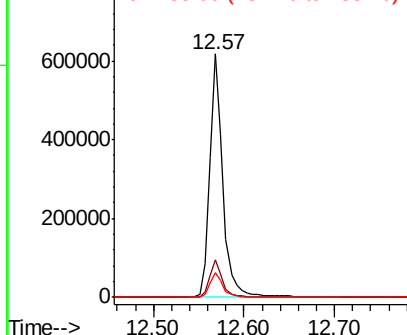
Tot Ion:	184	Resp:	632189
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	18.8
183	10.4	8.6	12.8

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



#78

Pyrene

Concen: 31.274 ng

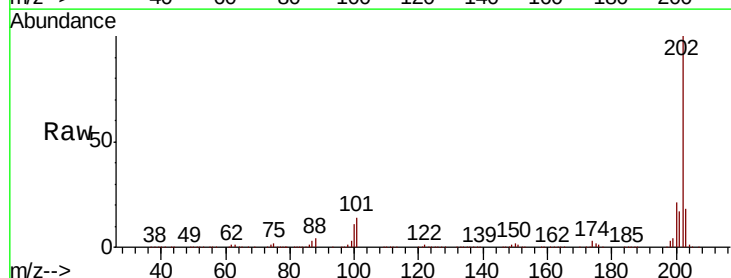
RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

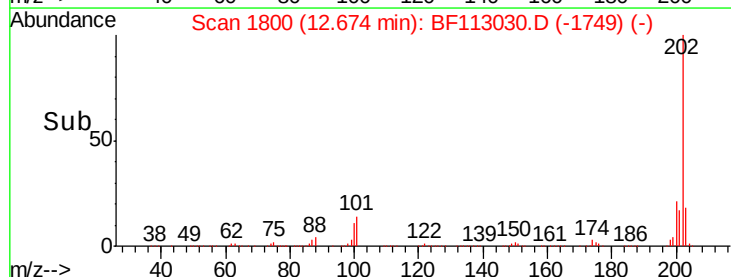
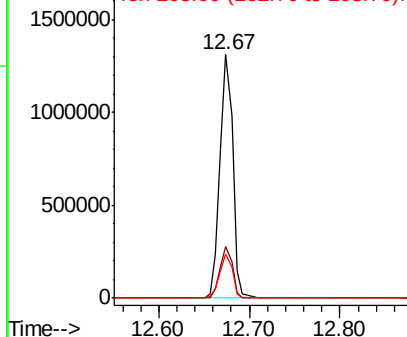
Lab File: BF113030.D

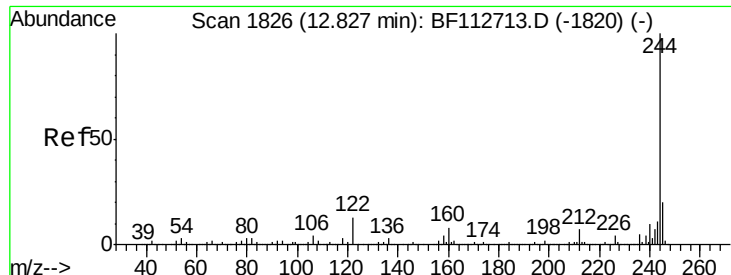
Acq: 13 Mar 2019 10:46

Tgt Ion:	202	Resp:	1258800
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	17.9	14.4	21.6



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





#79

Terphenyl-d14

Concen: 65.134 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1604256

Ion Ratio Lower Upper

244 100

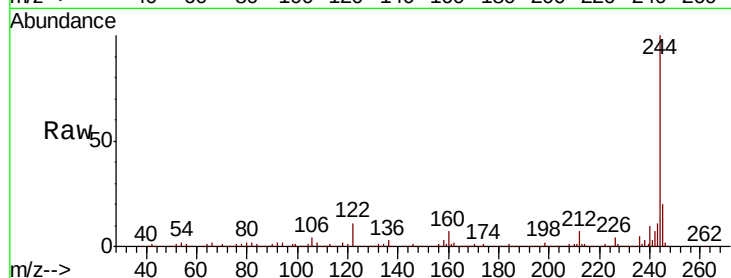
212 6.8 5.6 8.4

122 11.5 10.5 15.7

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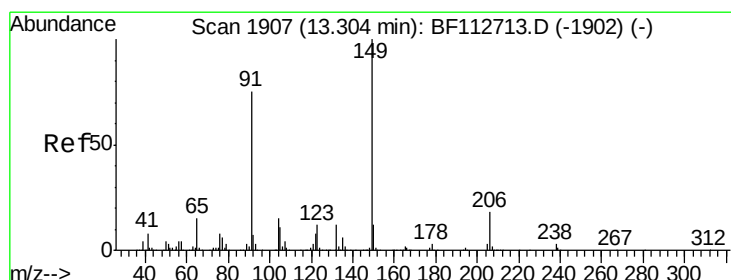
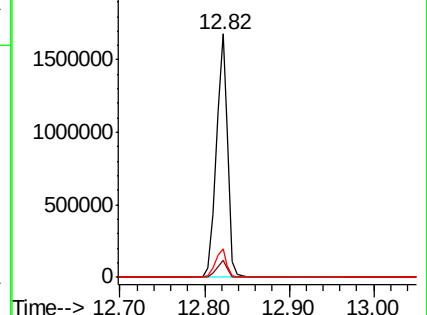
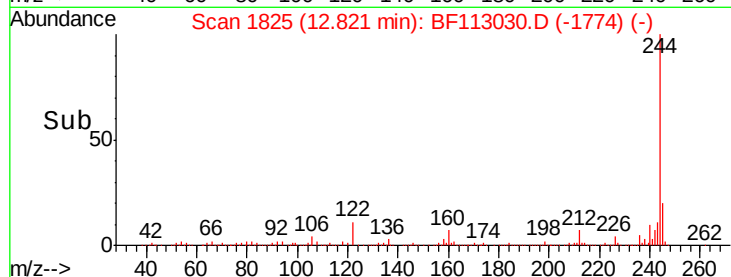
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.476 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

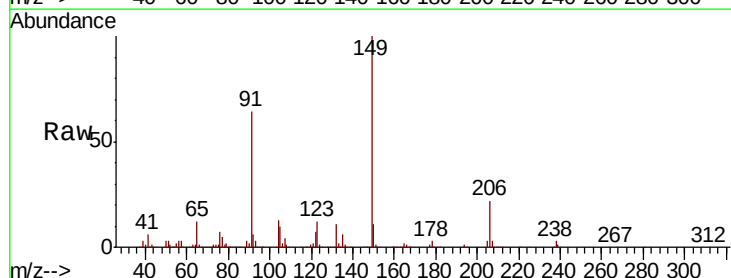
Tgt Ion:149 Resp: 576985

Ion Ratio Lower Upper

149 100

91 64.4 59.9 89.9

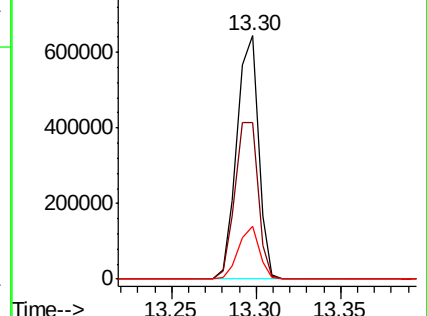
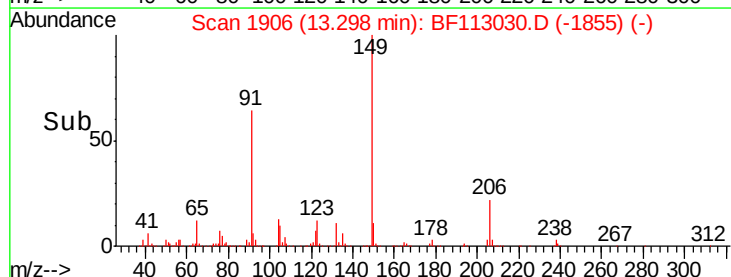
206 21.7 14.7 22.1

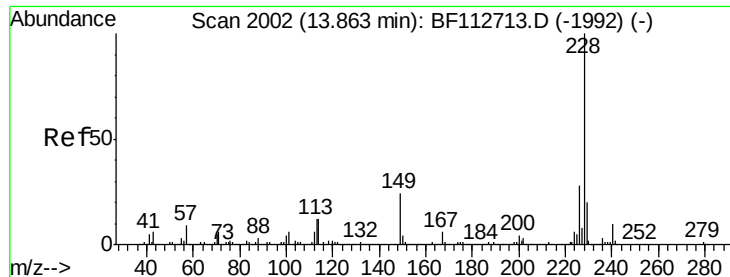


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.618 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1112446

Ion Ratio Lower Upper

228 100

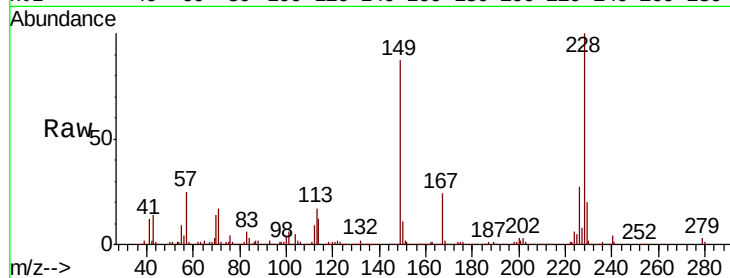
226 27.4 22.2 33.4

229 20.4 16.0 24.0

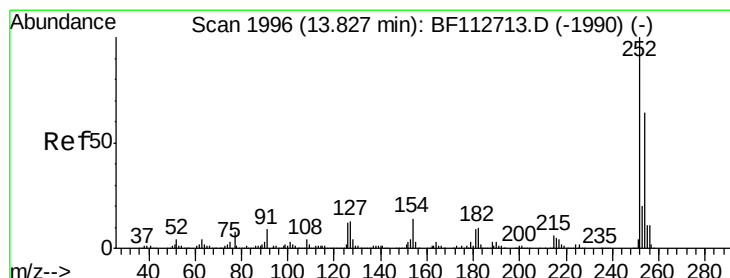
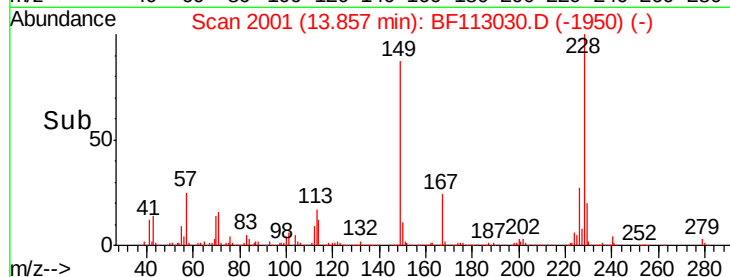
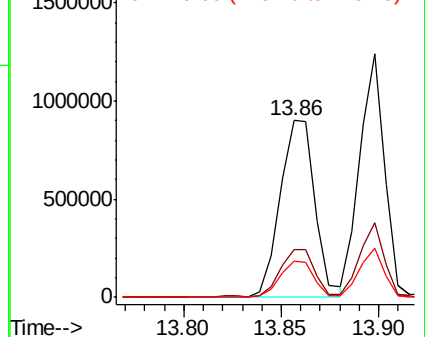
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.192 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

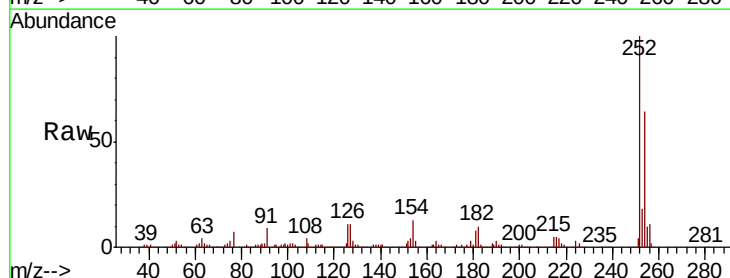
Tgt Ion:252 Resp: 465458

Ion Ratio Lower Upper

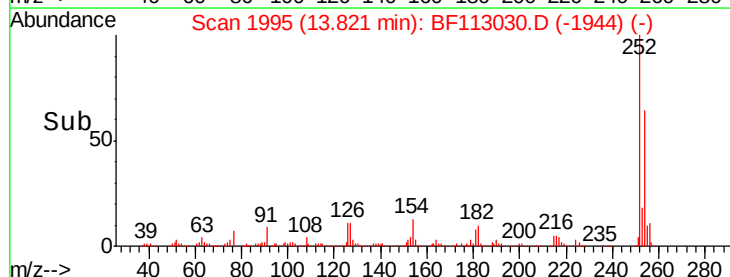
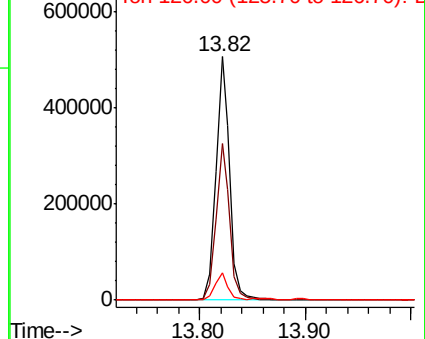
252 100

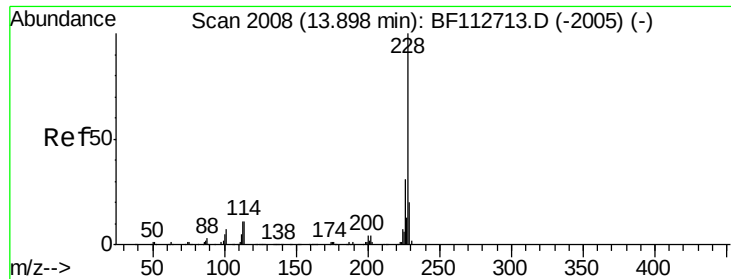
254 64.4 51.1 76.7

126 11.4 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





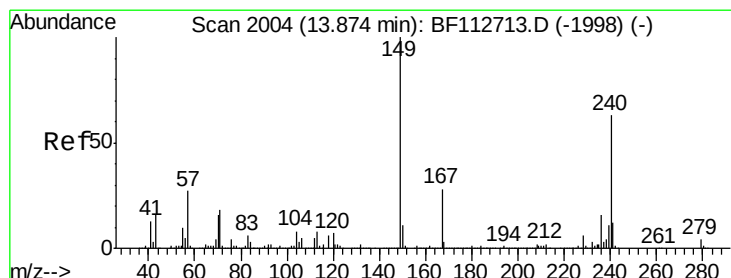
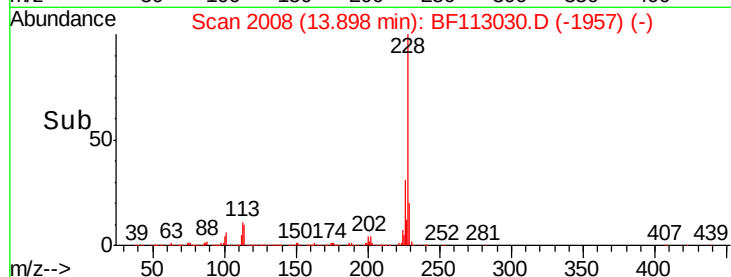
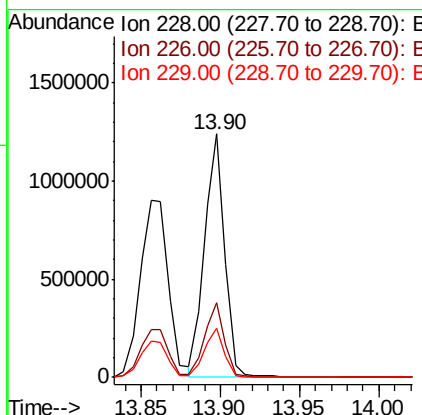
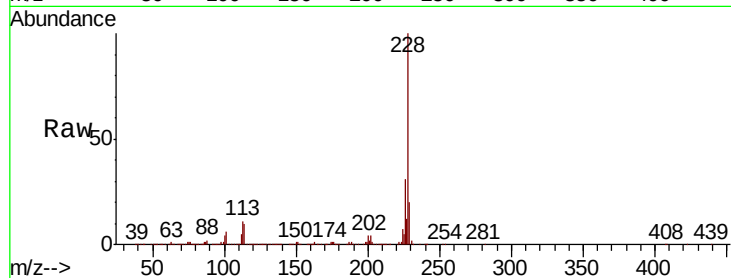
#83
Chrysene
Concen: 34.152 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.0	16.3	24.5

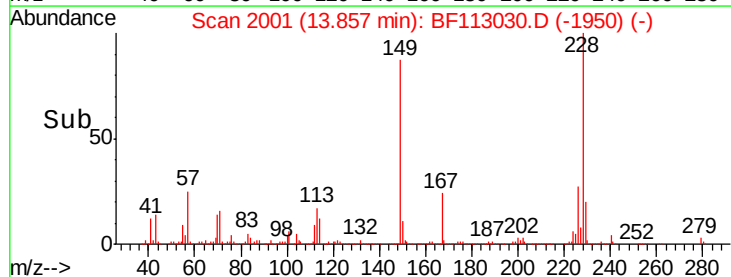
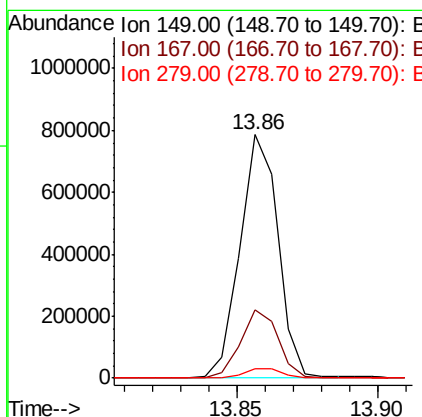
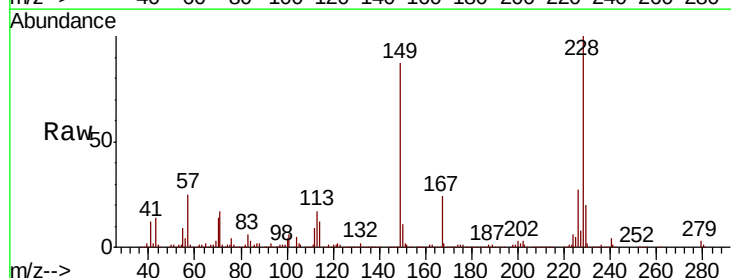
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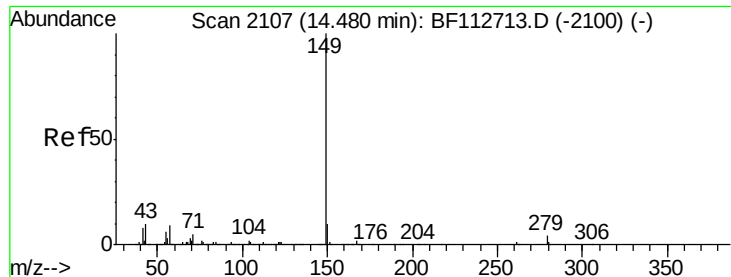
Sohil
3/13/2019 4:33:45 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.285 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	3.9	3.3	4.9





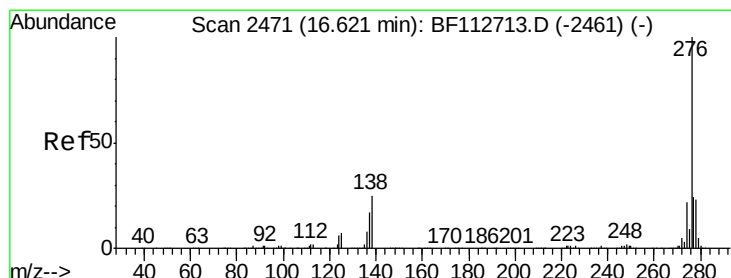
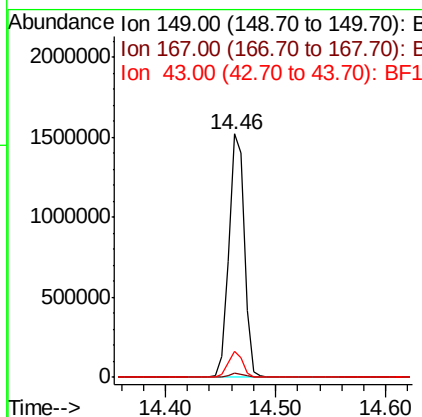
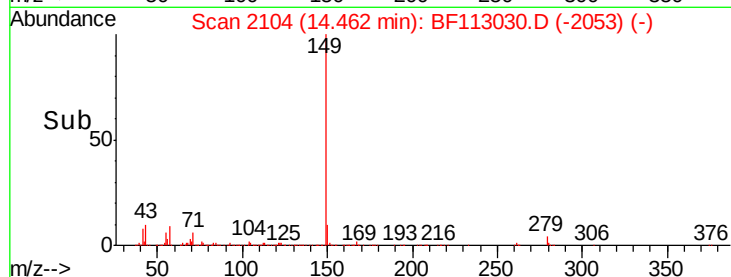
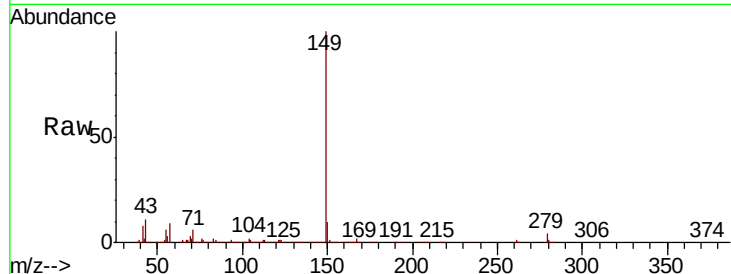
#85
Di-n-octyl phthalate
Concen: 42.046 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.8	9.0	13.4

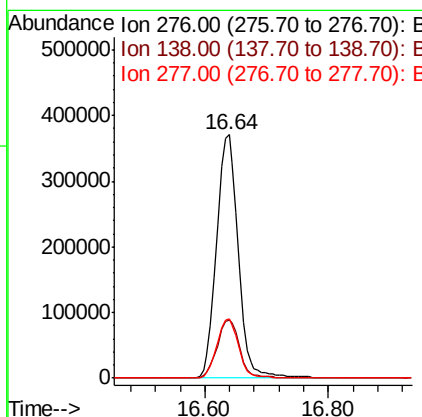
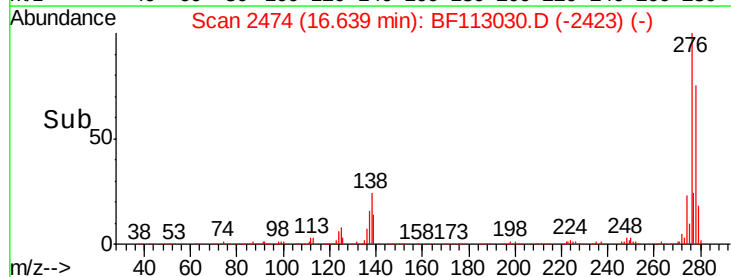
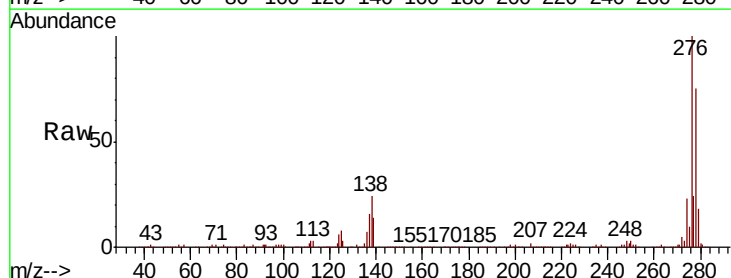
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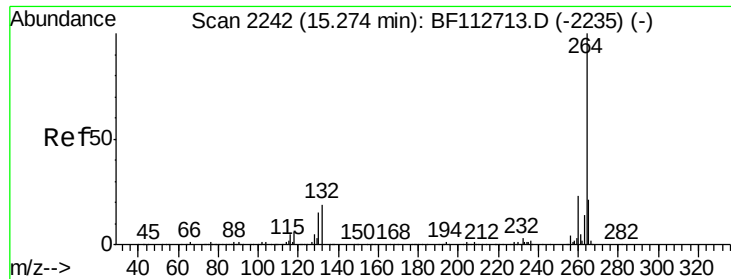
Sohil
3/13/2019 4:33:45 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.827 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	23.2	34.8
277	24.5	19.9	29.9





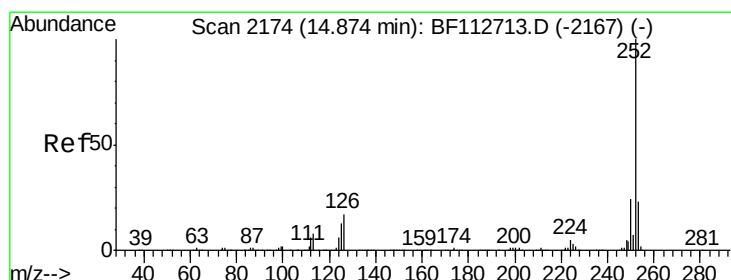
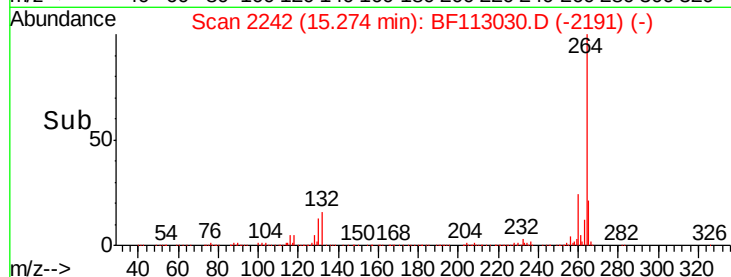
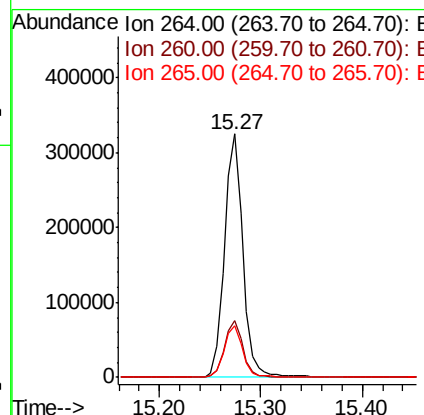
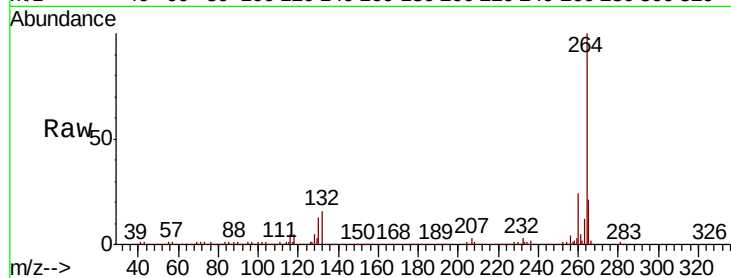
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.3	17.2	25.8

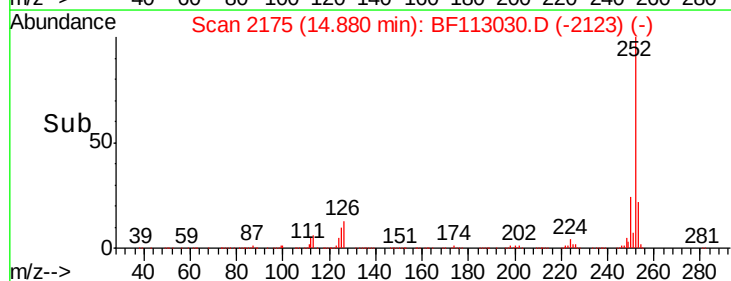
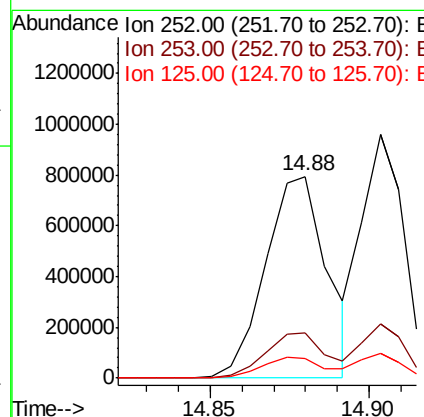
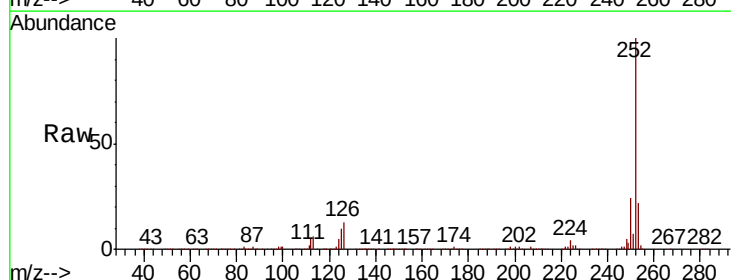
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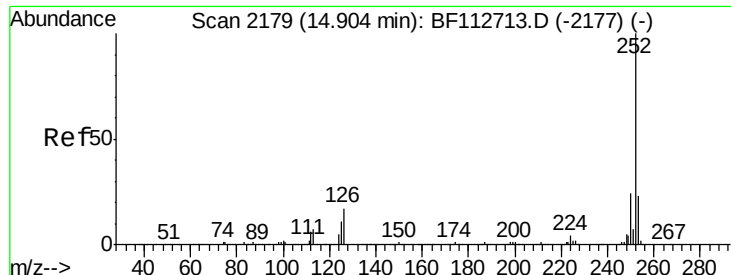
Sohil
3/13/2019 4:33:45 PM



#88
Benzo(b)fluoranthene
Concen: 40.757 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.7	10.2	15.2#





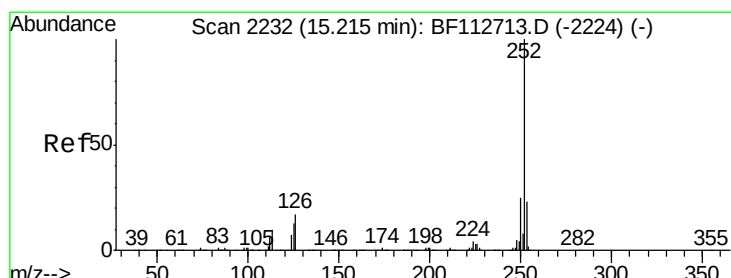
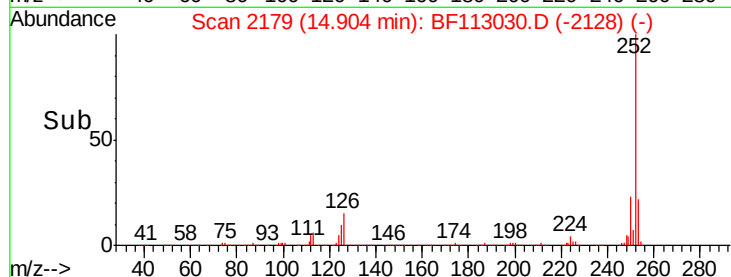
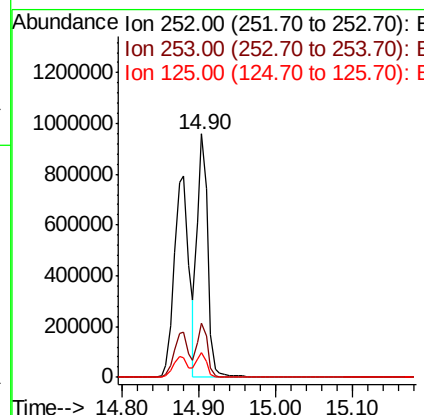
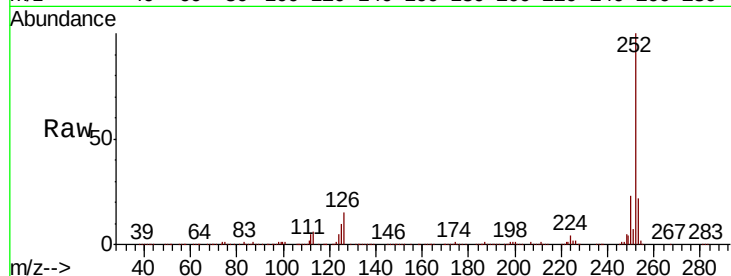
#89
Benzo(k)fluoranthene
Concen: 38.244 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.3	9.8	14.6

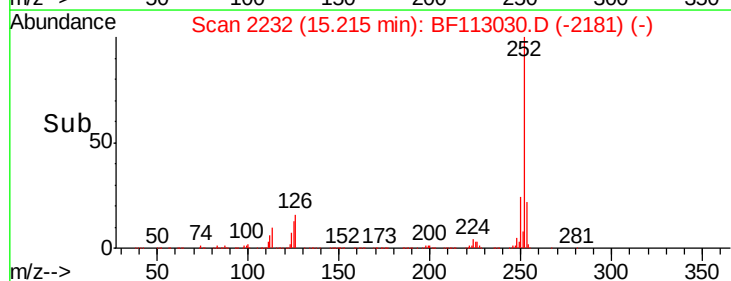
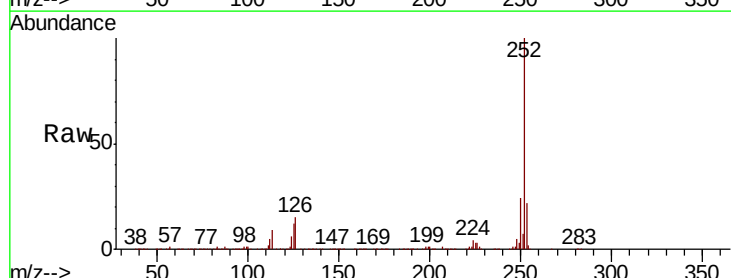
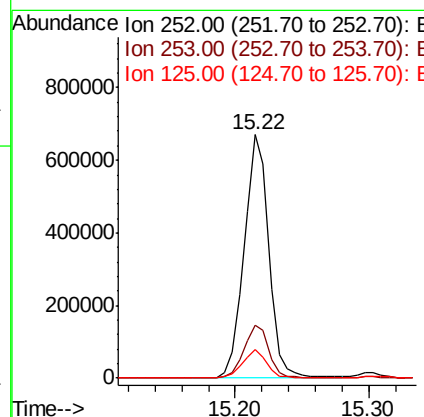
Manual Integrations
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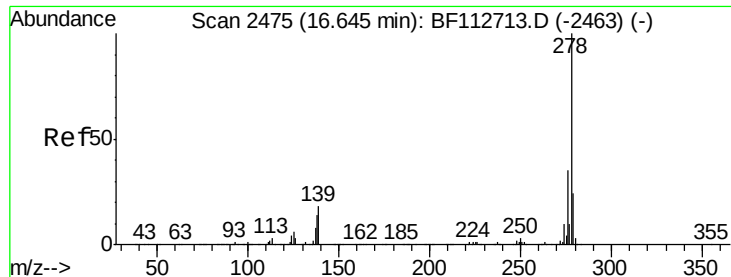
Sohil
3/13/2019 4:33:45 PM



#90
Benzo(a)pyrene
Concen: 36.462 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.8	10.7	16.1





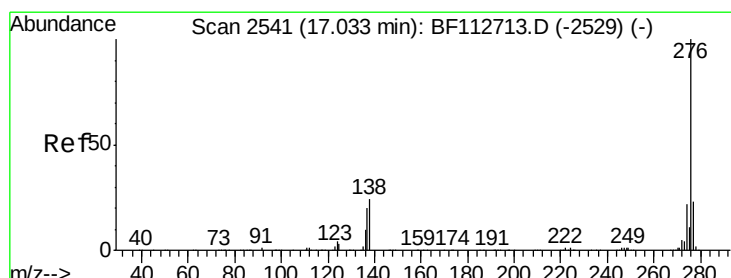
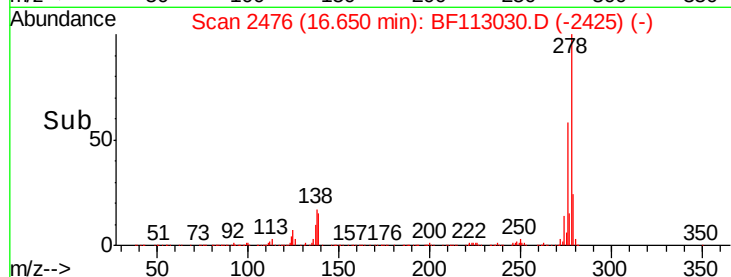
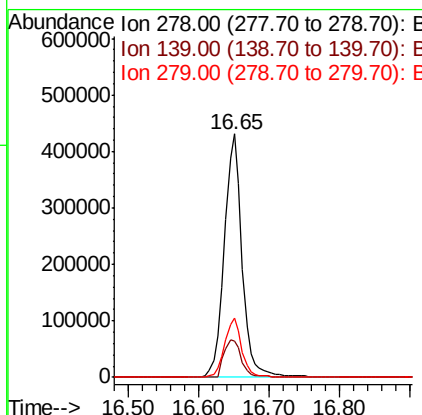
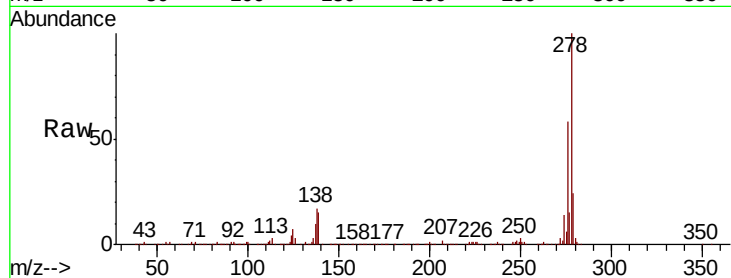
#91
Dibenzo(a,h)anthracene
Concen: 37.985 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.3	21.5
279	24.2	19.4	29.0

Manual Integrations
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3/13/2019 4:33:45 PM



#92
Benzo(g,h,i)perylene
Concen: 36.061 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	21.4	19.4	29.0

