

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112816.D
 Acq On : 4 Mar 2019 11:32
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/5/2019 11:00:29 AM

Quant Time: Mar 05 00:53:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	203712	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	807928	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	383112	20.00	ng	0.01
64) Phenanthrene-d10	11.26	188	755574	20.00	ng	0.01
76) Chrysene-d12	13.89	240	466518	20.00	ng	0.01
87) Perylene-d12	15.29	264	420012	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1004880	76.73	ng	0.00
7) Phenol-d6	6.38	99	1266611	76.99	ng	0.01
23) Nitrobenzene-d5	7.31	82	1136315	84.16	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	376773	92.64	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1931431	83.01	ng	0.00
79) Terphenyl-d14	12.84	244	1965740	81.68	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	231410	35.252	ng	99
3) Pyridine	3.15	79	646785	36.828	ng	100
4) n-Nitrosodimethylamine	3.08	42	281388	36.626	ng	100
6) Aniline	6.41	93	851128	37.587	ng	99
8) 2-Chlorophenol	6.53	128	575472	39.475	ng	94
9) Benzaldehyde	6.29	77	412607	34.809	ng	98
10) Phenol	6.40	94	734795	38.277	ng	86
11) bis(2-Chloroethyl)ether	6.49	93	553209	37.545	ng	95
12) 1,3-Dichlorobenzene	6.69	146	596606	39.617	ng	99
13) 1,4-Dichlorobenzene	6.76	146	600017	39.730	ng	100
14) 1,2-Dichlorobenzene	6.92	146	553789	40.000	ng	98
15) Benzyl Alcohol	6.89	79	495296	39.484	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	901479	36.661	ng	98
17) 2-Methylphenol	7.00	107	457360	38.673	ng	98
18) Hexachloroethane	7.26	117	229625	39.692	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	384873	36.940	ng	97
20) 3+4-Methylphenols	7.16	107	518597	38.841	ng	90
22) Acetophenone	7.16	105	760225	40.242	ng	99
24) Nitrobenzene	7.33	77	604407	40.220	ng	99
25) Isophorone	7.57	82	1084659	37.289	ng	100
26) 2-Nitrophenol	7.65	139	305687	48.865	ng	98
27) 2,4-Dimethylphenol	7.69	122	446606	38.375	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	695980	38.270	ng	99
29) 2,4-Dichlorophenol	7.89	162	470692	41.706	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	503687	41.535	ng	98
31) Naphthalene	8.05	128	1567325	39.074	ng	100
32) Benzoic acid	7.82	122	295103	36.178	ng	92
33) 4-Chloroaniline	8.10	127	683719	40.244	ng	99
34) Hexachlorobutadiene	8.17	225	297336	43.476	ng	98
35) Caprolactam	8.47	113	160050m	40.264	ng	
36) 4-Chloro-3-methylphenol	8.58	107	498913	39.945	ng	98
37) 2-Methylnaphthalene	8.74	142	1037681	40.059	ng	100
38) 1-Methylnaphthalene	8.84	142	999150	39.819	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	474068	42.434	ng	99

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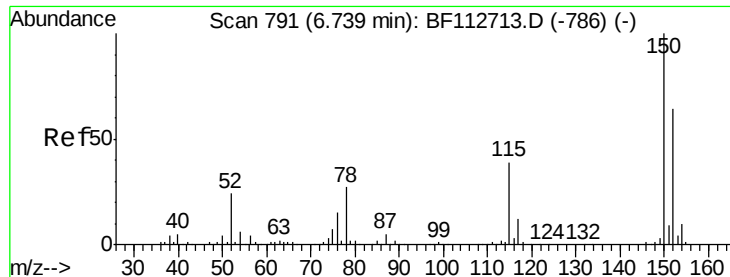
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	262683	42.938	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	329569	42.863	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	358147	43.095	nq	99
46) 1,1'-Biphenyl	9.20	154	1275560	40.820	nq	99
47) 2-Chloronaphthalene	9.23	162	972110	39.840	nq	100
48) 2-Nitroaniline	9.32	65	330408	44.550	nq	99
49) Acenaphthylene	9.64	152	1621236	39.139	nq	100
50) Dimethylphthalate	9.51	163	1148136	40.644	nq	98
51) 2,6-Dinitrotoluene	9.56	165	260153	44.225	nq	86
52) Acenaphthene	9.81	154	963231	39.764	nq	99
53) 3-Nitroaniline	9.73	138	308765	43.076	nq	91
54) 2,4-Dinitrophenol	9.83	184	121726	52.961	nq	94
55) Dibenzofuran	9.99	168	1386686	39.387	nq	96
56) 4-Nitrophenol	9.89	139	249174	42.773	nq	96
57) 2,4-Dinitrotoluene	9.96	165	349143	47.748	nq	91
58) Fluorene	10.33	166	998885	39.974	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	307308	44.383	nq	96
60) Diethylphthalate	10.20	149	1133143	37.980	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	489416	42.096	nq	98
62) 4-Nitroaniline	10.34	138	292678	44.187	nq	97
63) Azobenzene	10.48	77	1119469	36.633	nq	93
65) 4,6-Dinitro-2-methylphenol	10.37	198	146191	47.177	nq	# 76
66) n-Nitrosodiphenylamine	10.43	169	943167	38.922	nq	100
67) 4-Bromophenyl-phenylether	10.80	248	337358	42.390	nq	97
68) Hexachlorobenzene	10.87	284	381367	42.510	nq	94
69) Atrazine	10.96	200	300853	40.538	nq	99
70) Pentachlorophenol	11.06	266	238189	45.109	nq	99
71) Phenanthrene	11.28	178	1515581	40.316	nq	100
72) Anthracene	11.33	178	1527402	38.814	nq	99
73) Carbazole	11.48	167	1481835	38.602	nq	100
74) Di-n-butylphthalate	11.82	149	1738958	37.780	nq	99
75) Fluoranthene	12.46	202	1611799	40.019	nq	98
77) Benzidine	12.58	184	840261	34.716	nq	99
78) Pyrene	12.69	202	1617359	41.124	nq	99
80) Butylbenzylphthalate	13.31	149	680897	39.222	nq	98
81) Benzo(a)anthracene	13.87	228	1192974	36.897	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	490774	40.134	nq	# 98
83) Chrysene	13.91	228	1190878	37.602	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	744008	36.539	nq	98
85) Di-n-octyl phthalate	14.49	149	1265055	36.181	nq	97
86) Indeno(1,2,3-cd)pyrene	16.66	276	1174621	43.504	nq	95
88) Benzo(b)fluoranthene	14.89	252	1055403	38.848	nq	97
89) Benzo(k)fluoranthene	14.92	252	975182	39.628	nq	97
90) Benzo(a)pyrene	15.23	252	949407	39.509	nq	98
91) Dibenzo(a,h)anthracene	16.68	278	947896	46.227	nq	97
92) Benzo(g,h,i)perylene	17.07	276	983208	47.751	nq	96

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



#1

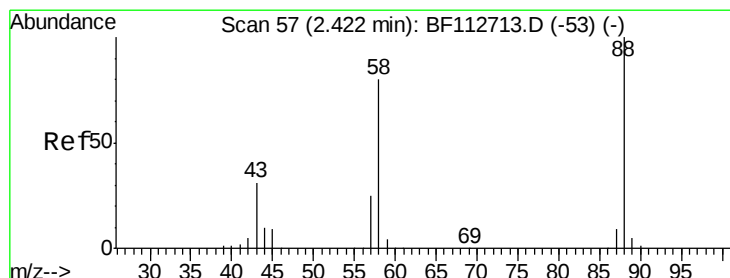
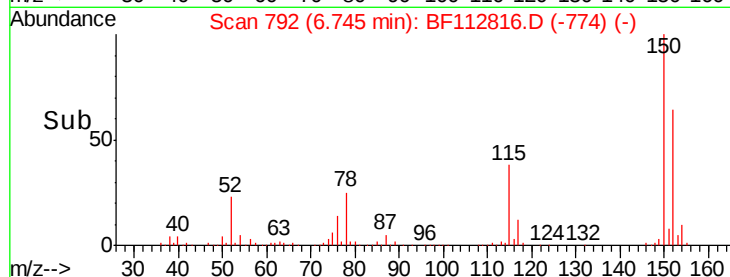
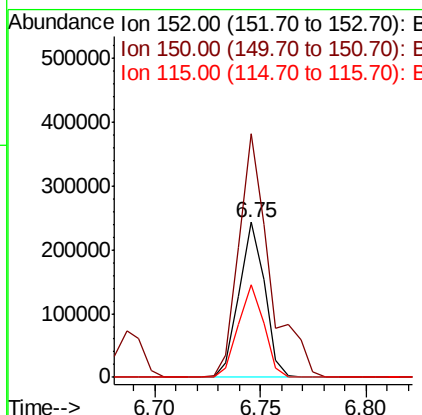
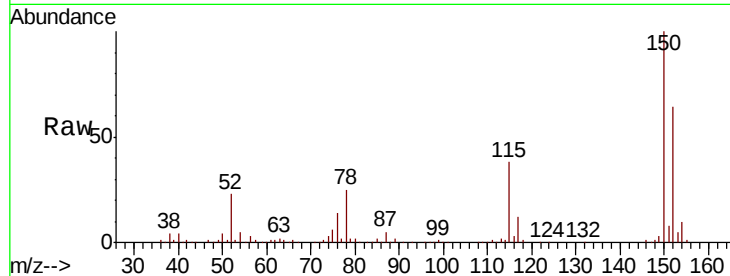
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.2	186.2
115	59.9	48.2	72.4

Manual Integrations
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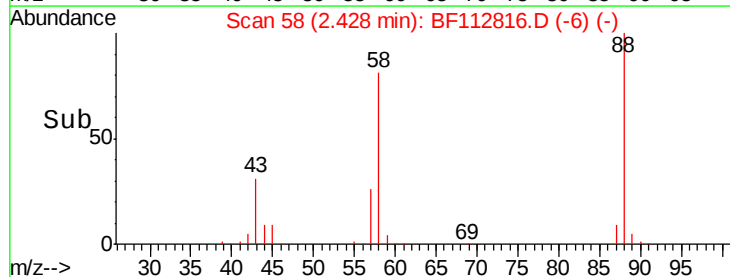
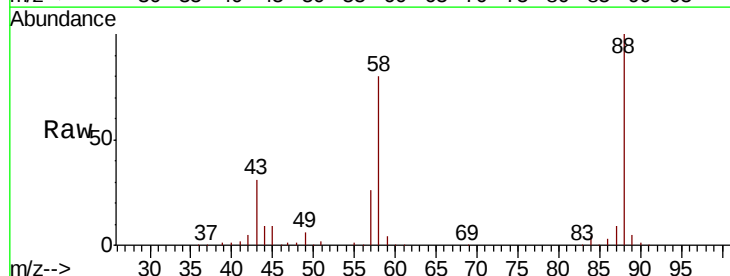
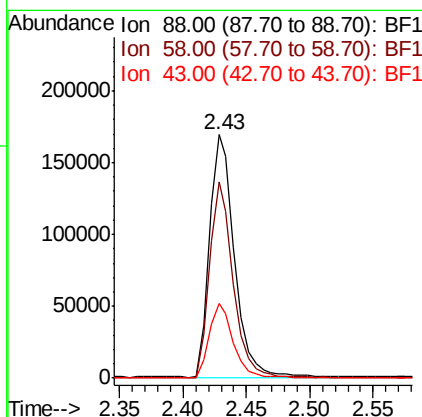
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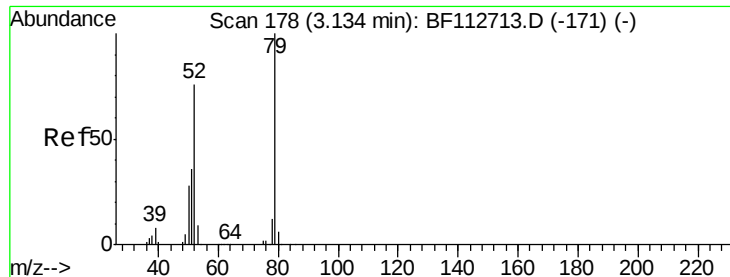


#2

1,4-Dioxane
Concen: 35.252 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	63.1	94.7
43	30.3	24.3	36.5





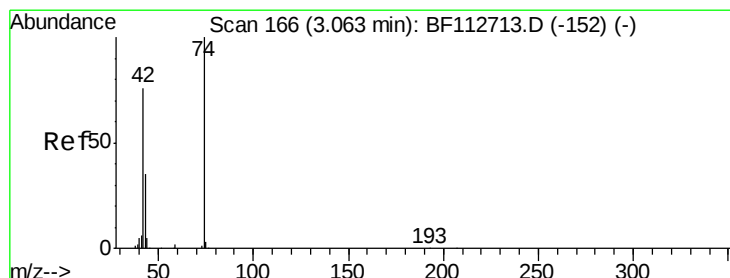
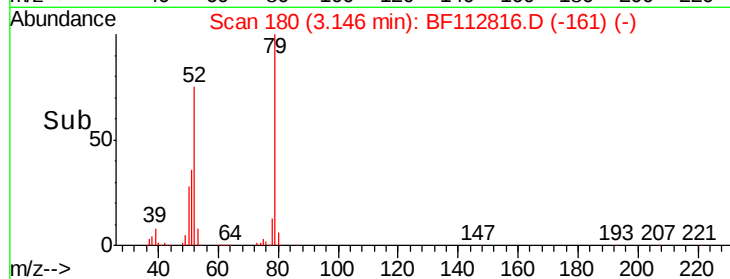
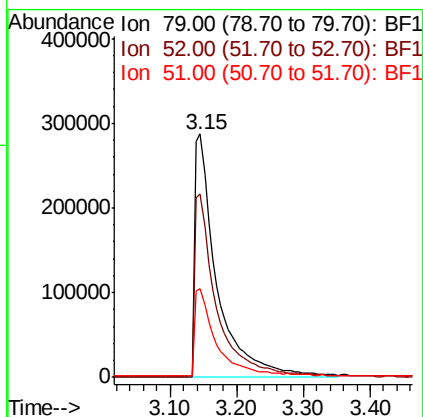
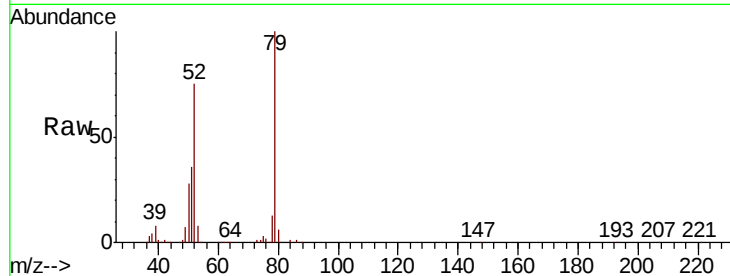
#3
 Pvridine
 Concen: 36.828 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100	646785		
52	75.4		60.5	90.7
51	36.4		28.8	43.2

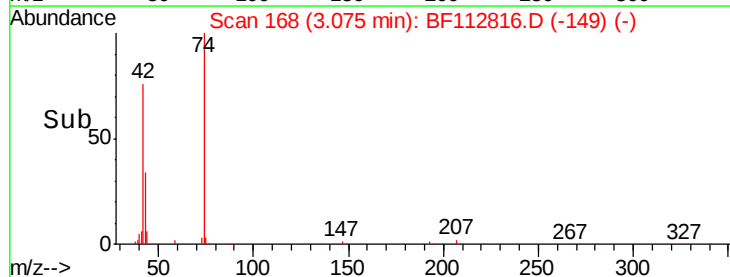
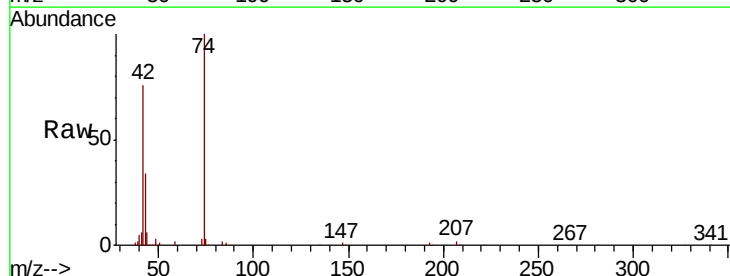
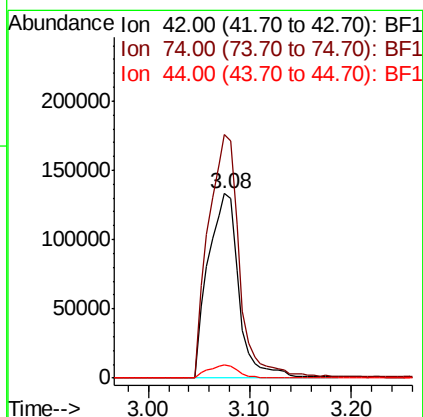
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#4
 n-Nitrosodimethylamine
 Concen: 36.626 ng
 RT: 3.08 min Scan# 168
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	281388		
74	132.1		105.8	158.8
44	7.3		6.2	9.2





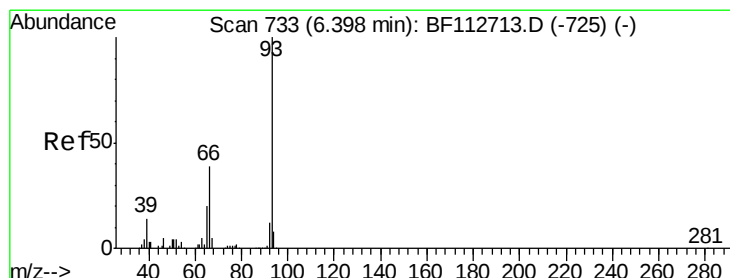
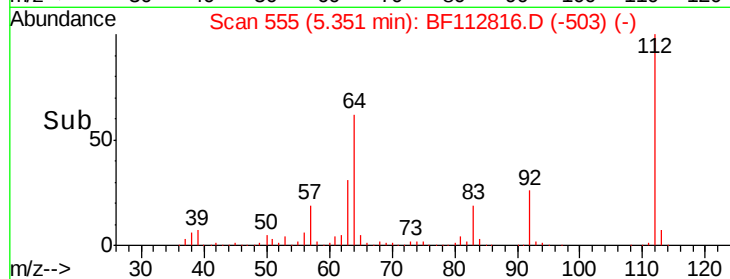
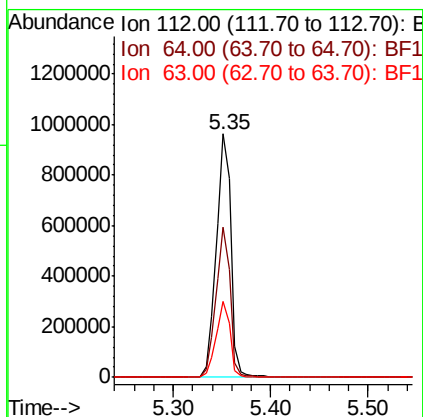
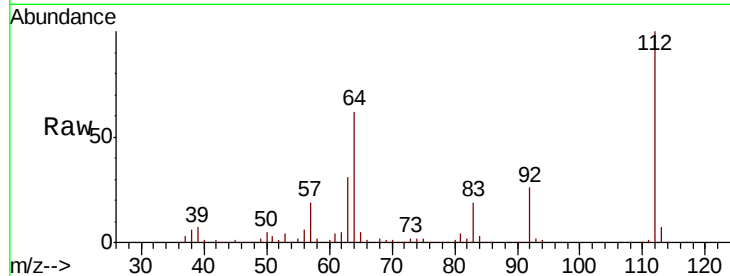
#5
2-Fluorophenol
Concen: 76.733 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.6	71.4
63	31.3	24.4	36.6

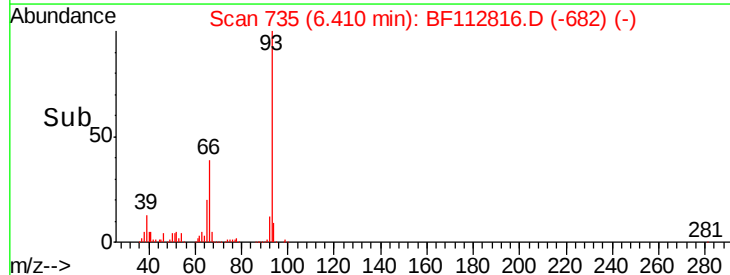
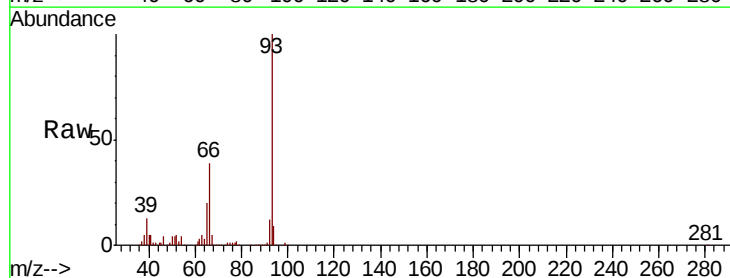
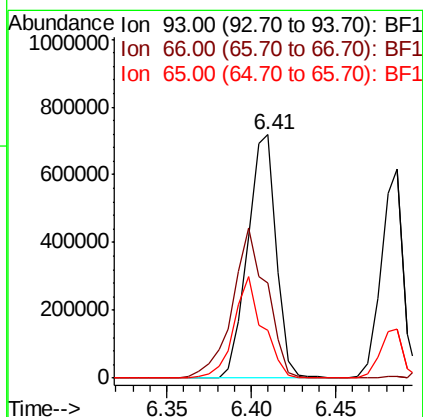
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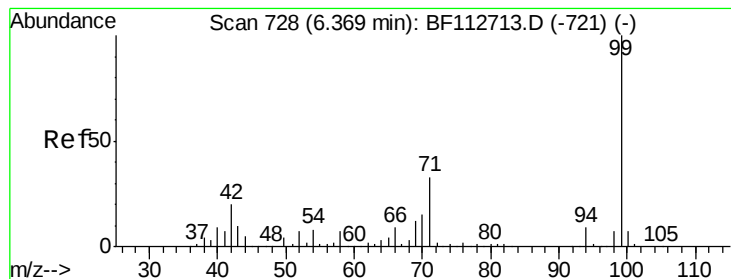
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#6
Aniline
Concen: 37.587 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.2	48.2
65	19.7	16.2	24.4





#7

Phenol-d6

Concen: 76.995 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

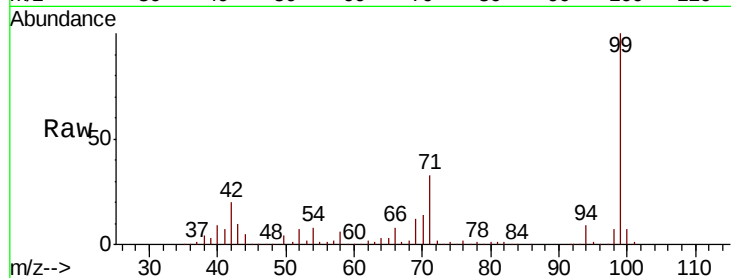
ClientSampleId :

SSTDCCC040

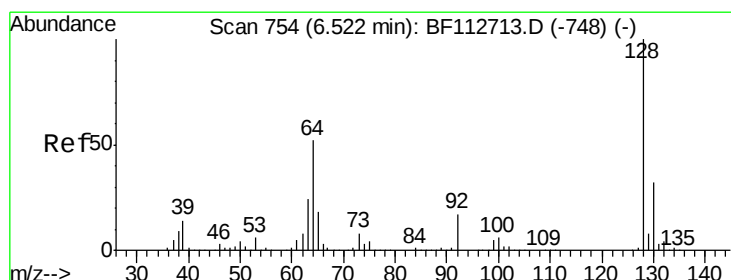
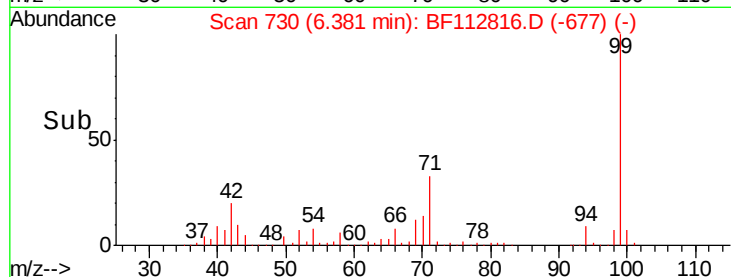
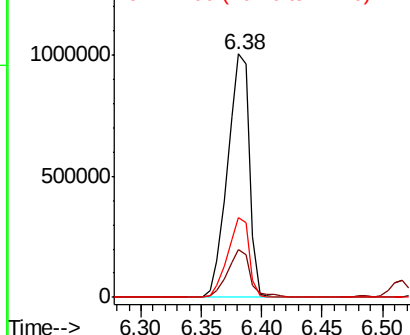
Tot Ion:	99	Resp:	1266611
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.3	24.5
71	32.6	26.2	39.4

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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: 39.475 ng

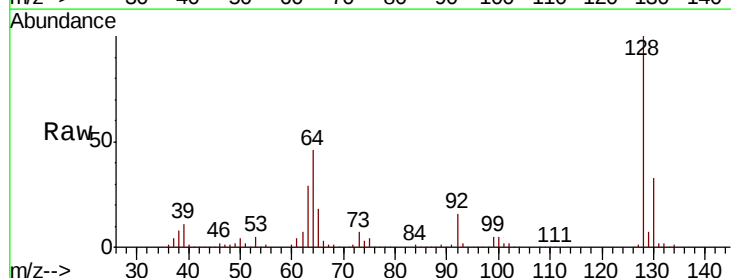
RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

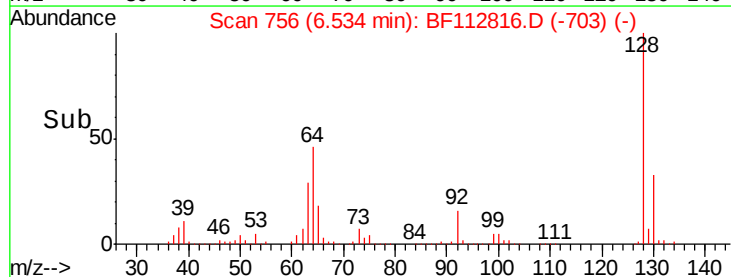
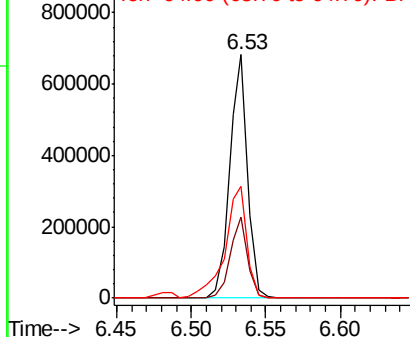
Lab File: BF112816.D

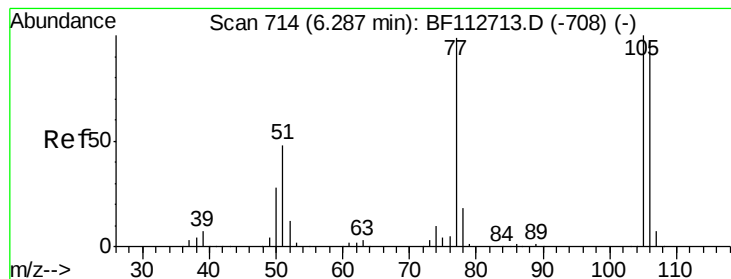
Acq: 4 Mar 2019 11:32

Tgt Ion:	128	Resp:	575472
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.4	52.4
64	46.0	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: 34.809 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

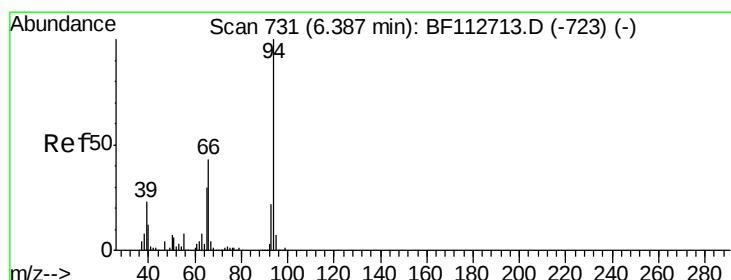
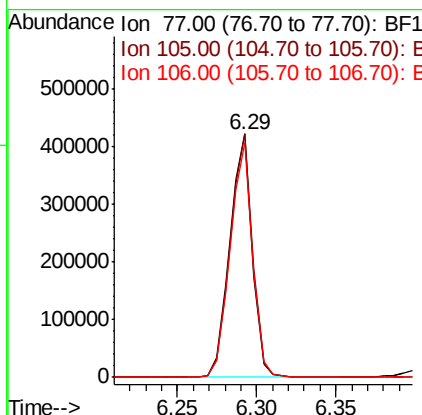
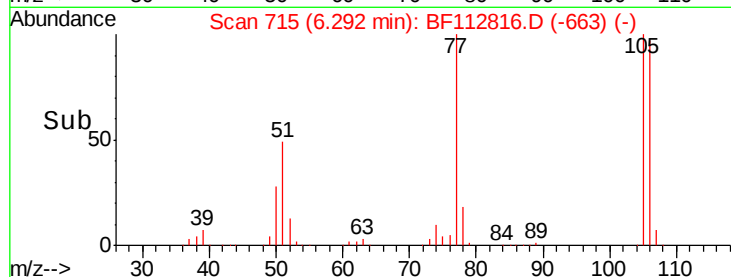
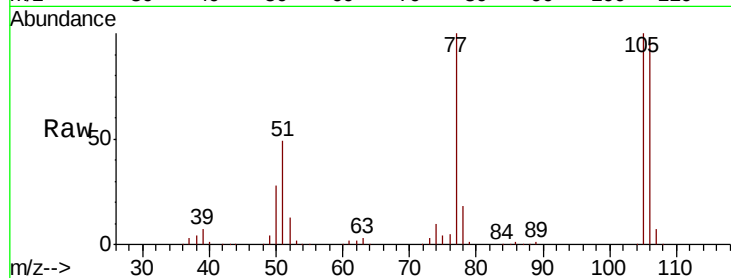
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	412607
Ion Ratio	Lower	Upper	
77	100		
105	100.0	81.4	121.4
106	96.6	78.3	118.3

Manual Integrations
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3/5/2019 11:00:29 AM



#10

Phenol

Concen: 38.277 ng

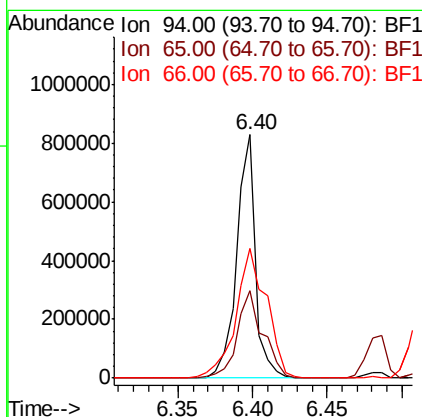
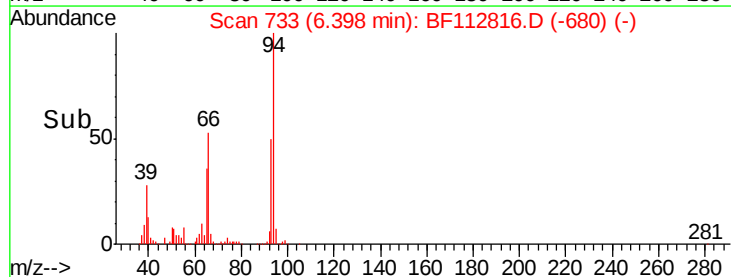
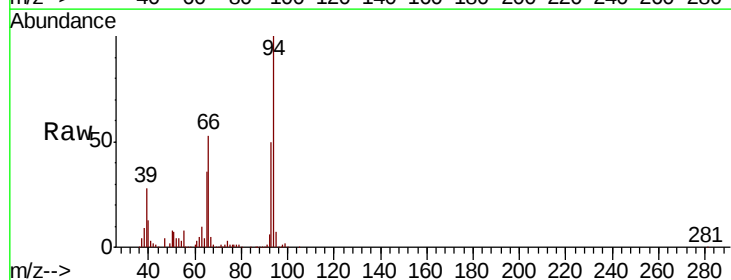
RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Tgt Ion:	94	Resp:	734795
Ion Ratio	Lower	Upper	
94	100		
65	36.1	10.5	50.5
66	53.5	22.6	62.6





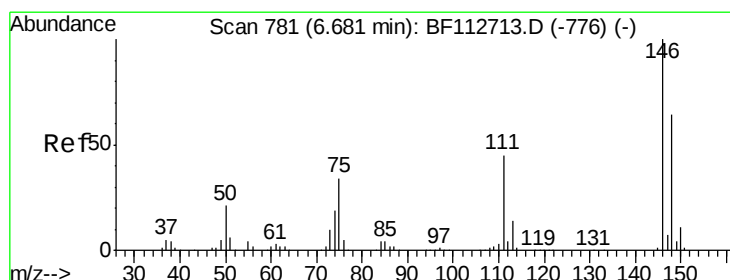
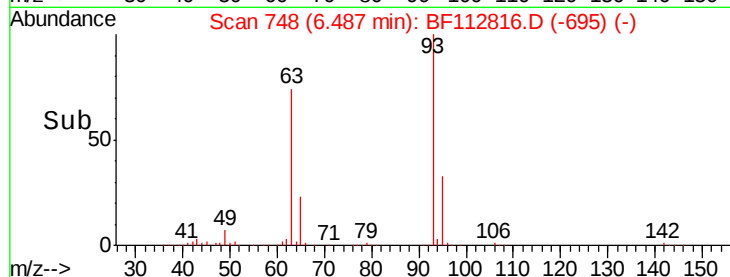
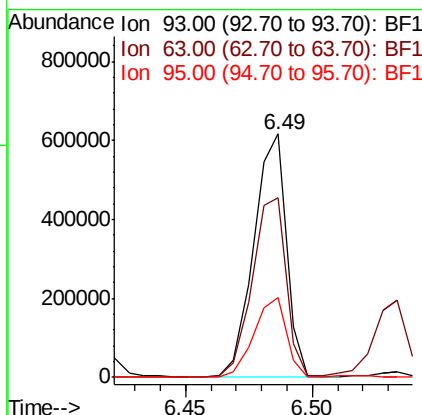
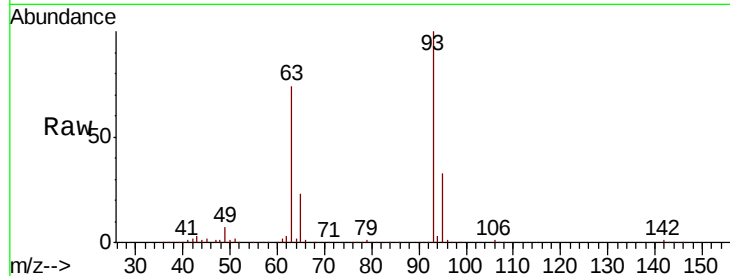
#11
bis(2-Chloroethyl)ether
Concen: 37.545 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	60.5	100.5
95	32.5	12.1	52.1

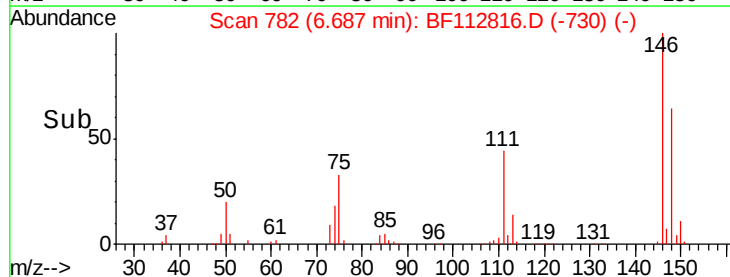
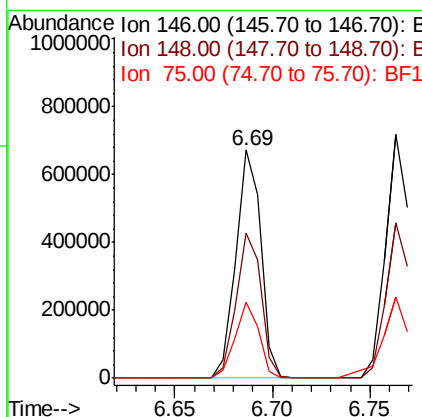
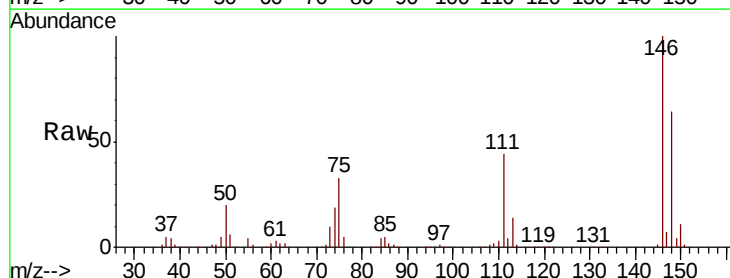
Manual Integrations
APPROVED

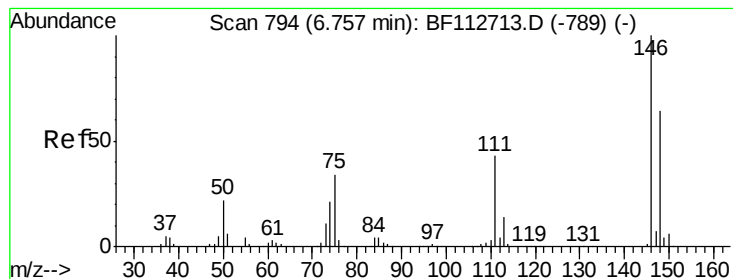
Sohil
3/5/2019 11:00:29 AM



#12
1,3-Dichlorobenzene
Concen: 39.617 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.9	76.3
75	33.0	26.9	40.3





#13

1,4-Dichlorobenzene

Concen: 39.730 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

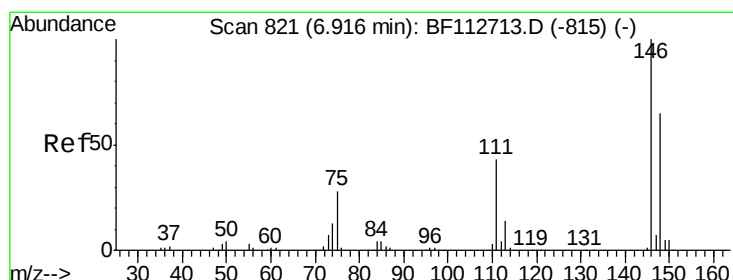
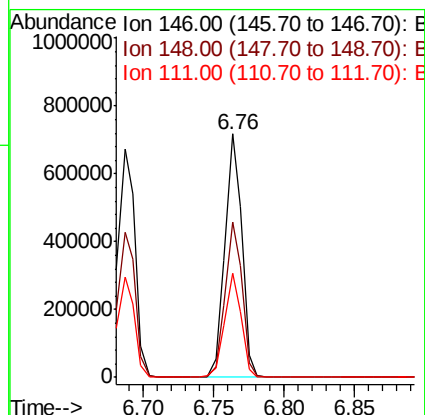
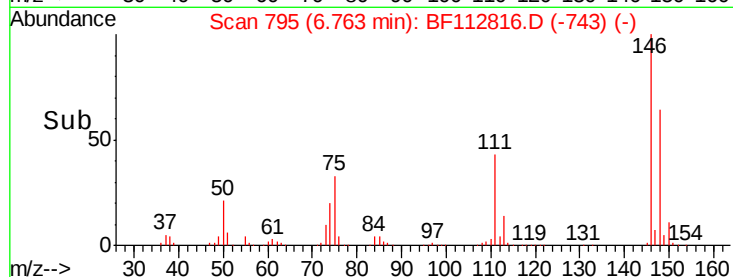
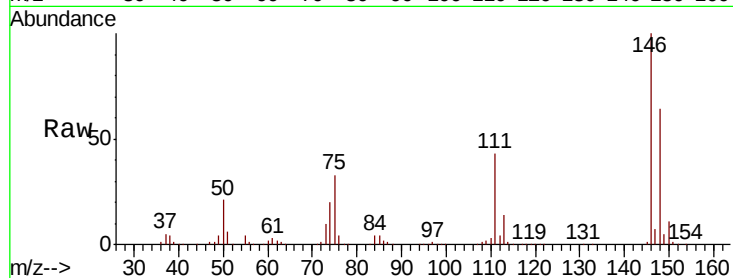
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	600017
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.0	76.4
111	42.6	34.5	51.7

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.000 ng

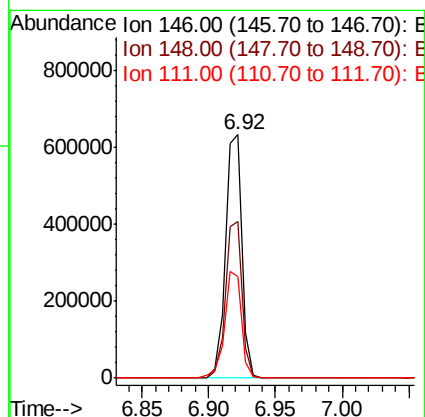
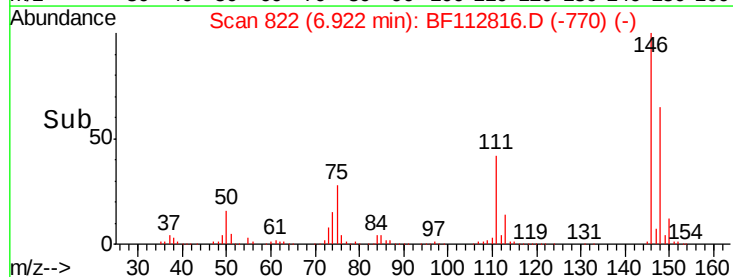
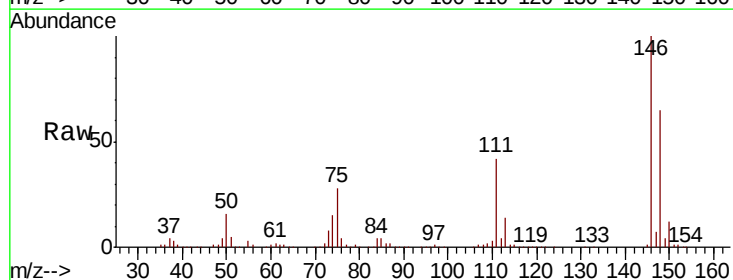
RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Tgt Ion:	146	Resp:	553789
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.0	78.0
111	41.6	34.8	52.2





#15

Benzyl Alcohol

Concen: 39.484 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

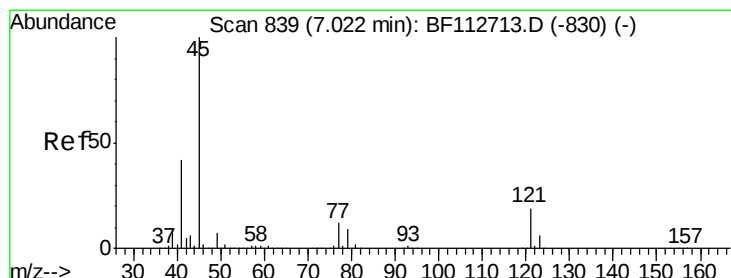
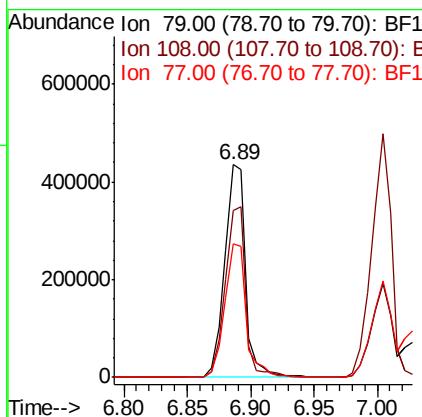
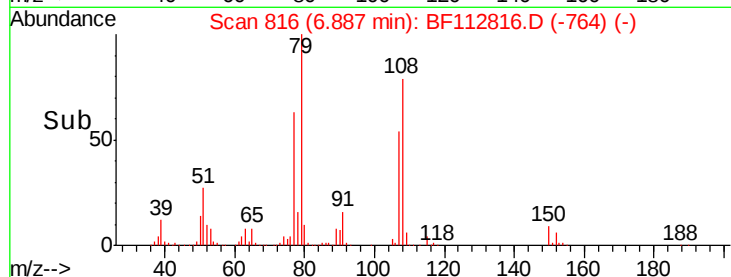
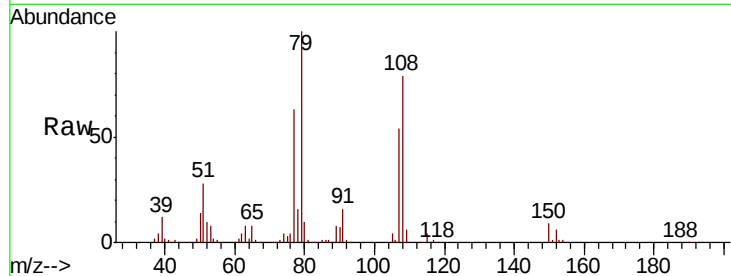
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	495296
Ion Ratio	Lower	Upper	
79	100		
108	78.6	64.2	96.4
77	62.7	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.661 ng

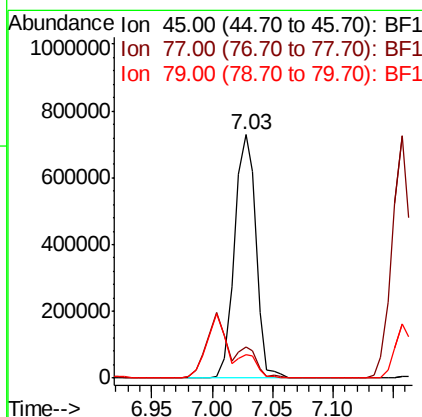
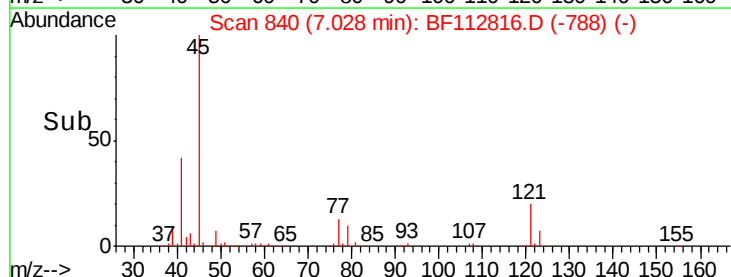
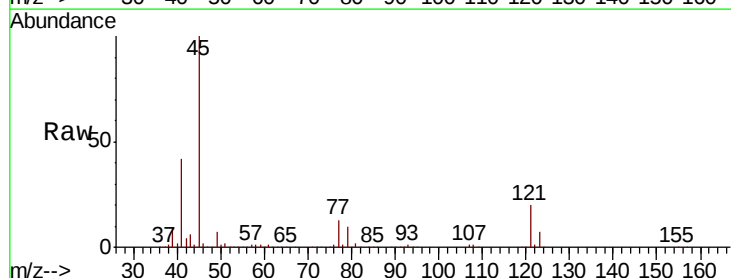
RT: 7.03 min Scan# 840

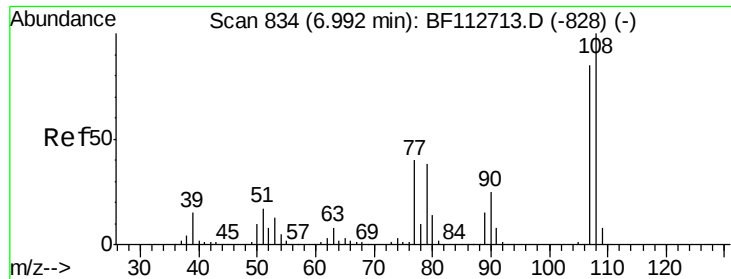
Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Tgt Ion:	45	Resp:	901479
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	32.1
79	9.8	0.0	29.4





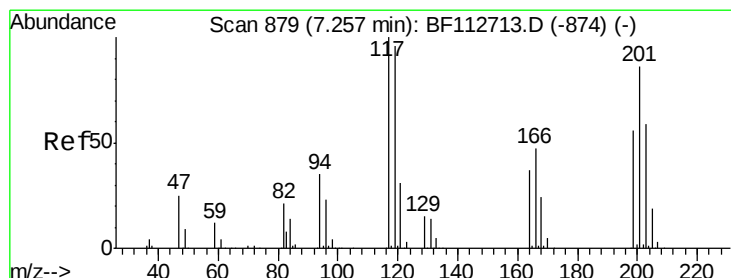
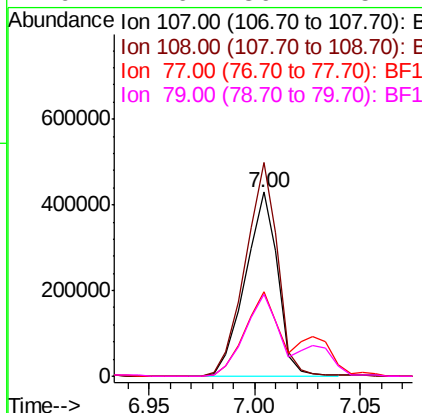
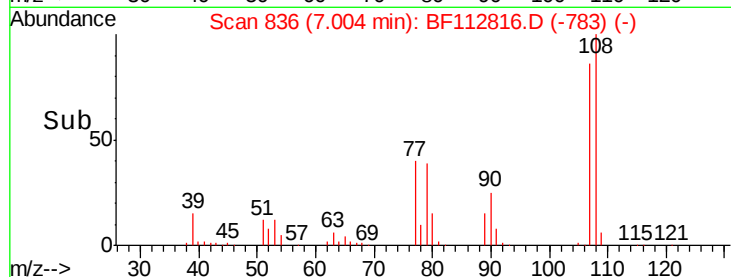
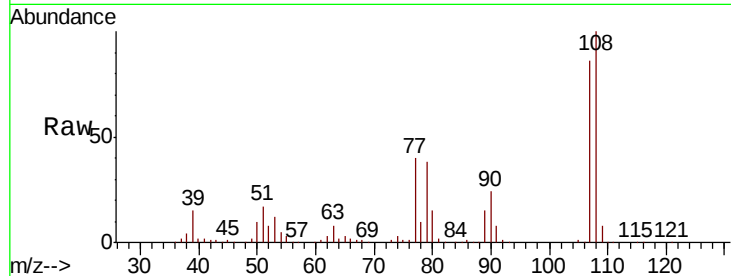
#17
2-Methylphenol
Concen: 38.673 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	94.6	142.0
77	45.9	37.8	56.8
79	44.6	36.2	54.2

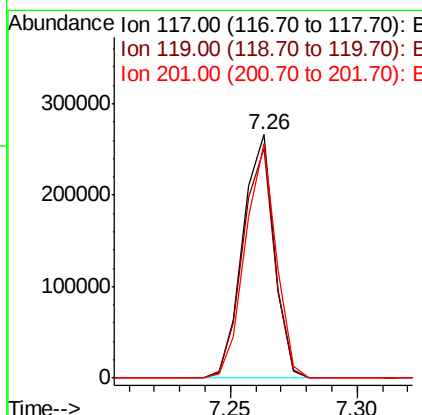
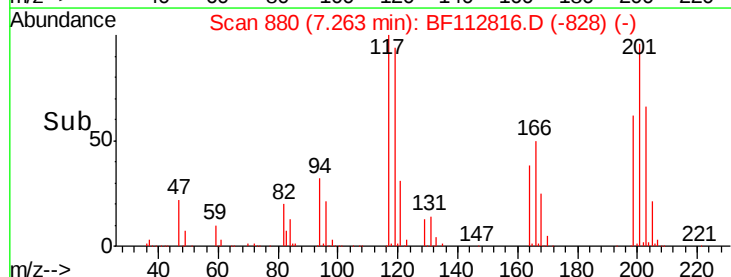
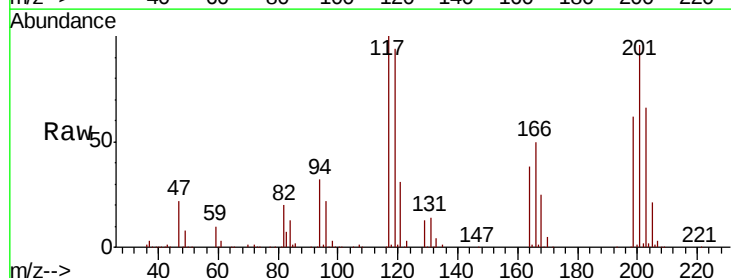
Manual Integrations
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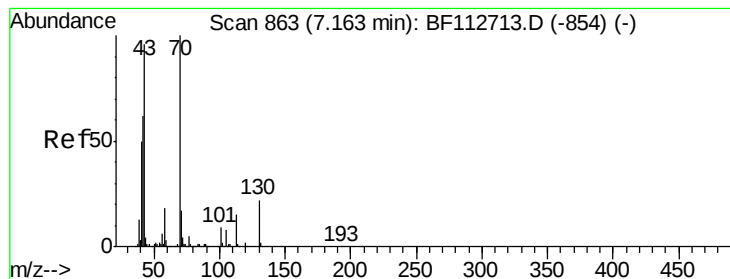
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#18
Hexachloroethane
Concen: 39.692 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.6	115.0
201	96.4	68.9	103.3





#19

n-Nitroso-di-n-propylamine

Concen: 36.940 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 384873

Ion Ratio Lower Upper

70 100

42 60.2 49.9 74.9

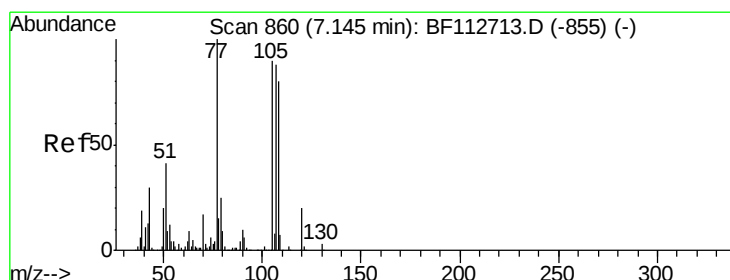
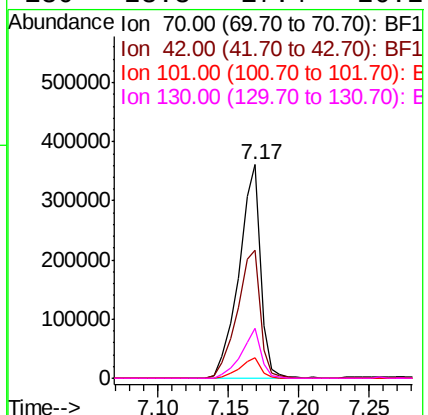
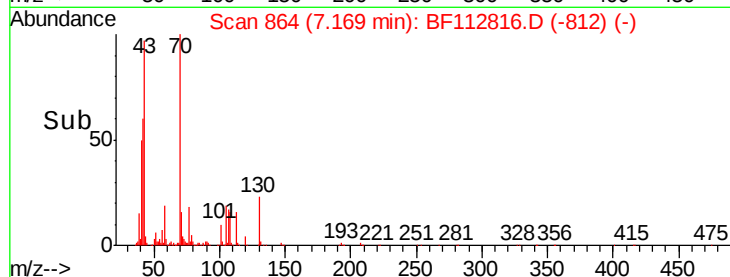
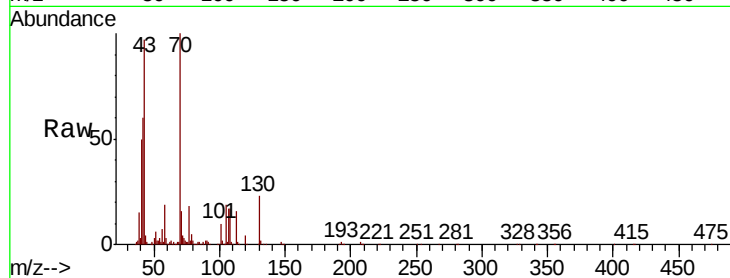
101 9.8 7.4 11.2

130 23.3 17.4 26.2

Manual Integrations
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#20

3+4-Methylphenols

Concen: 38.841 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Tgt Ion: 107 Resp: 518597

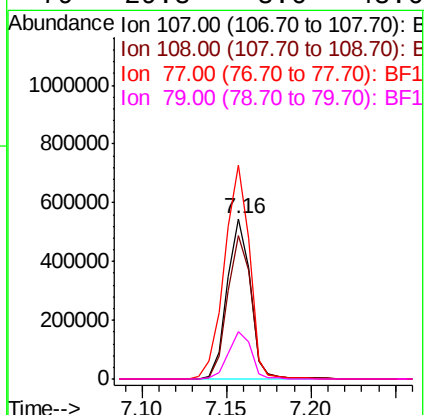
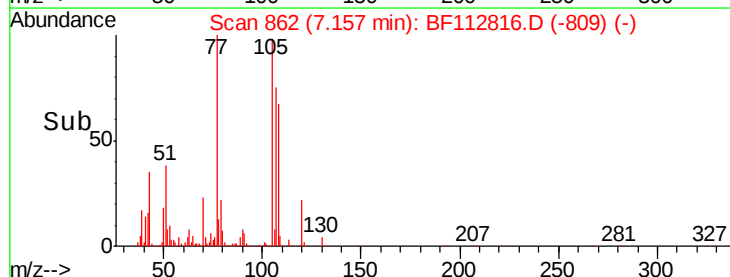
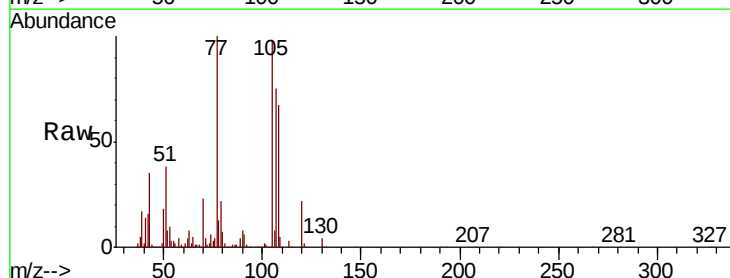
Ion Ratio Lower Upper

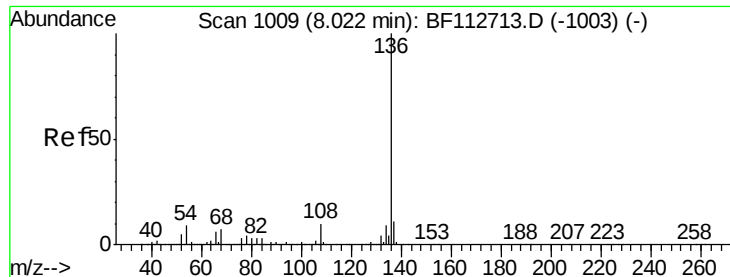
107 100

108 89.8 71.4 111.4

77 133.2 94.1 134.1

79 29.8 8.6 48.6





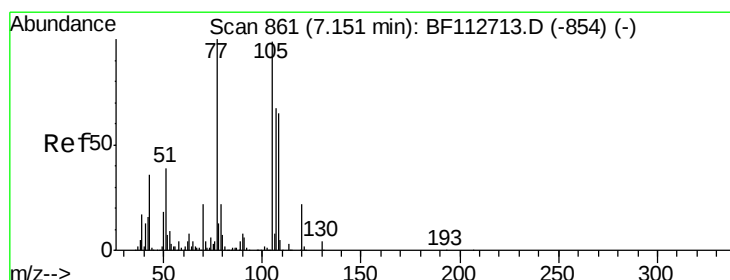
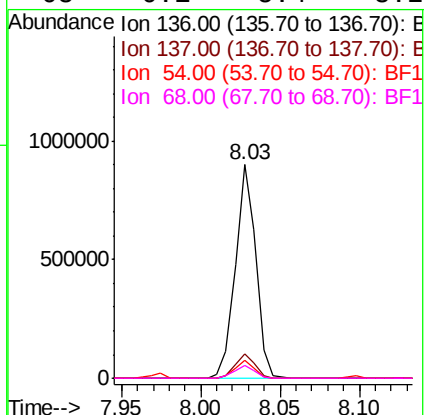
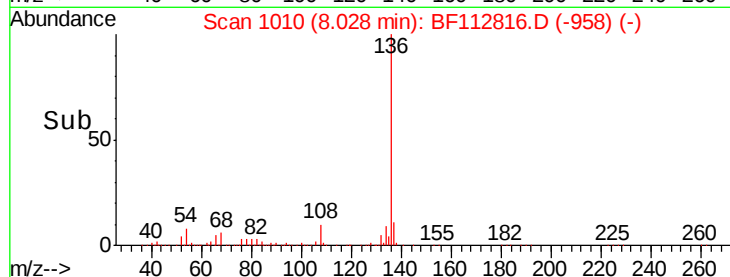
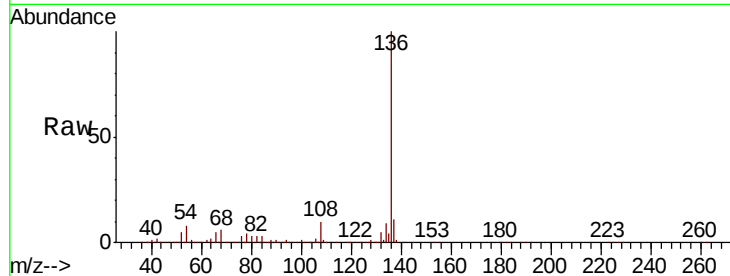
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	807928		
137	11.2		8.9	13.3
54	8.4		7.3	10.9
68	6.1		5.4	8.2

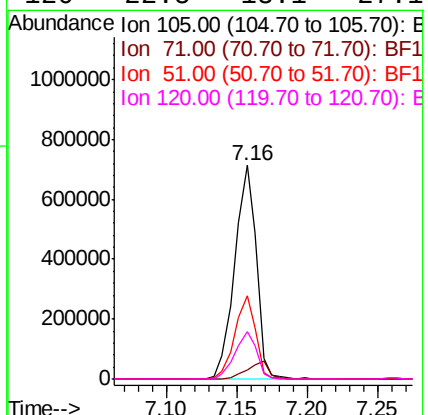
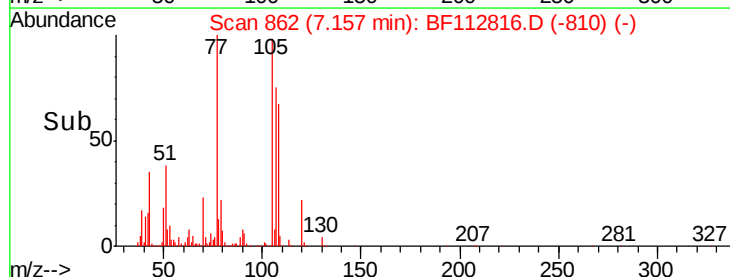
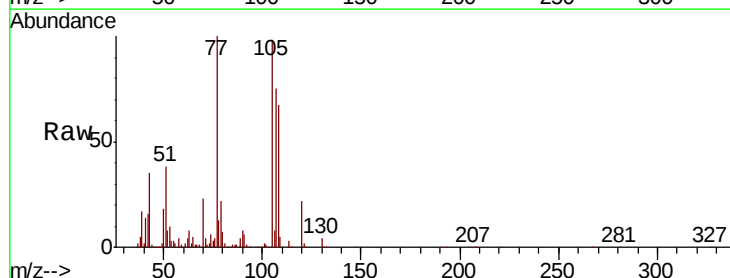
Manual Integrations
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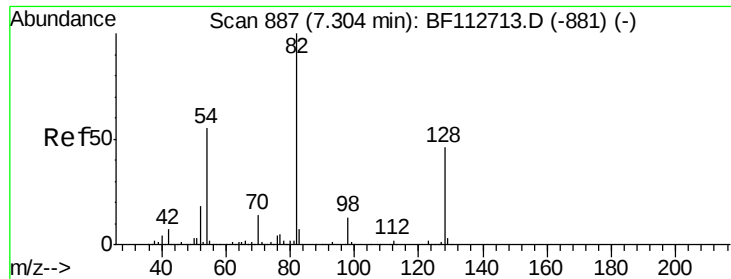
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#22
Acetophenone
Concen: 40.242 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	760225		
71	4.0		3.0	4.4
51	38.9		31.5	47.3
120	22.5		18.1	27.1





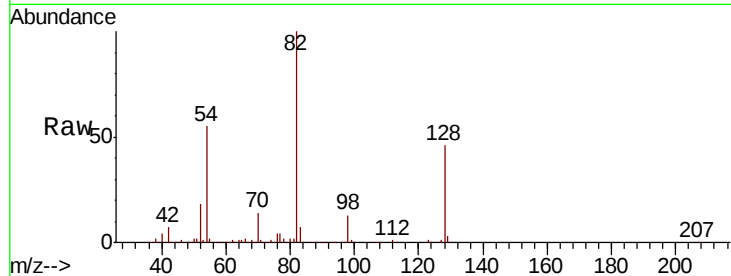
#23
Nitrobenzene-d5
Concen: 84.159 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

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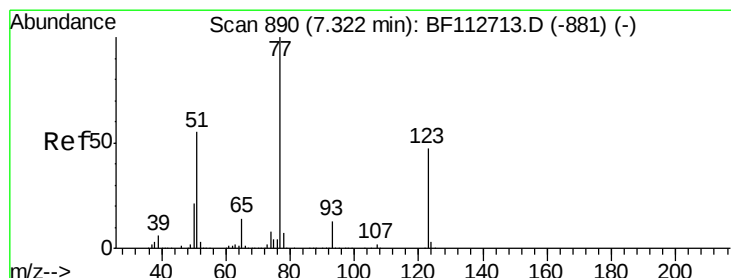
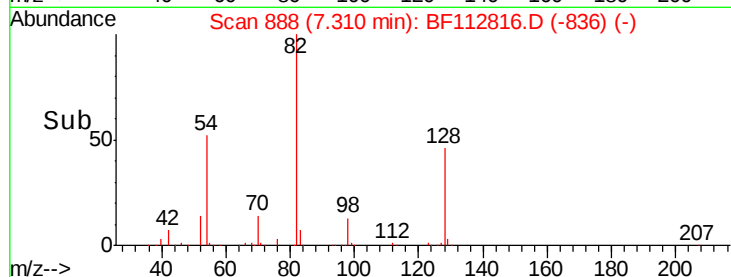
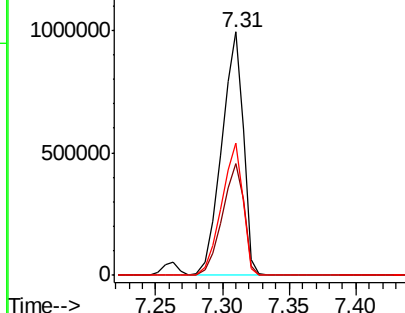


Abundance

Ion 82.00 (81.70 to 82.70): BF1

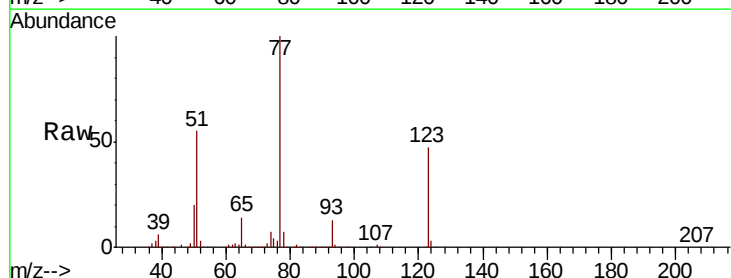
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 40.220 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.8	56.6
65	14.4	11.1	16.7

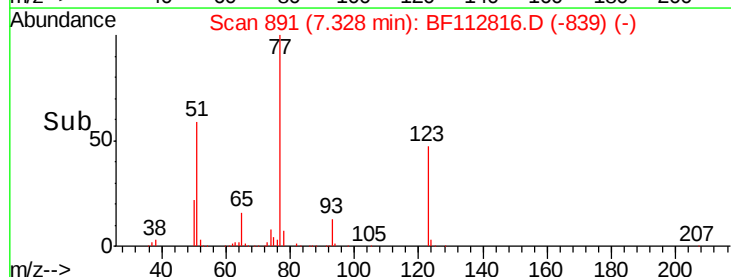
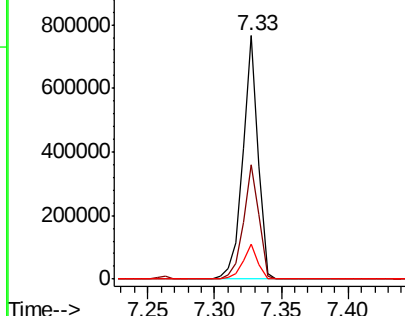


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.289 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1084659

Ion Ratio Lower Upper

82 100

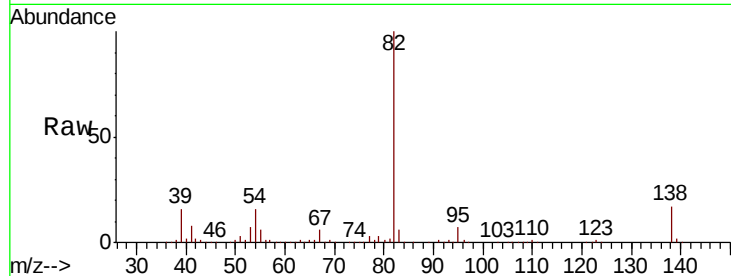
95 6.6 5.2 7.8

138 17.5 13.8 20.8

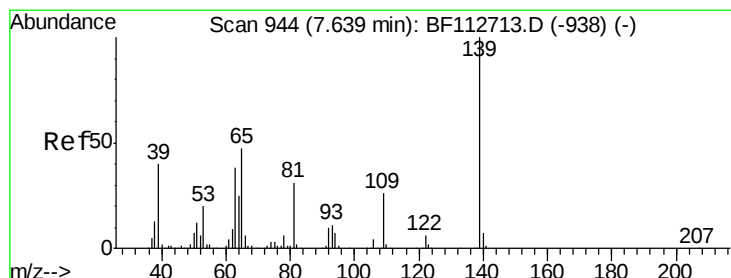
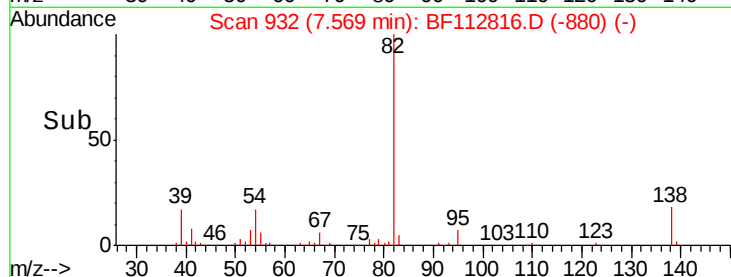
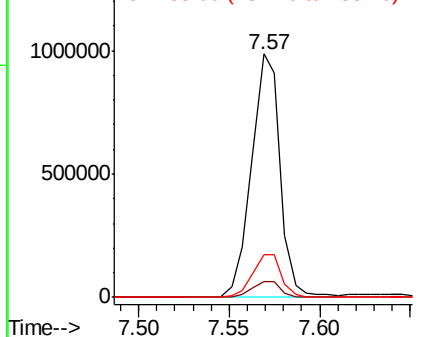
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.865 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

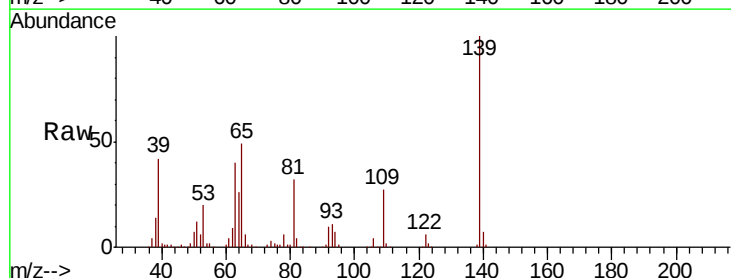
Tgt Ion: 139 Resp: 305687

Ion Ratio Lower Upper

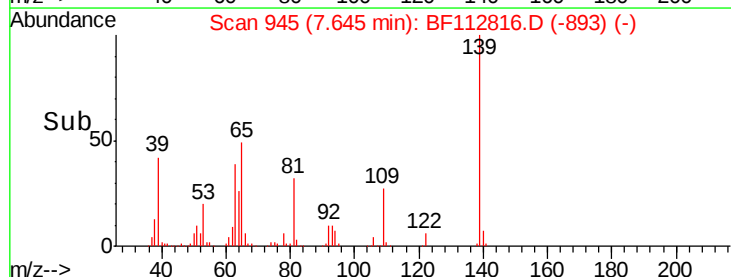
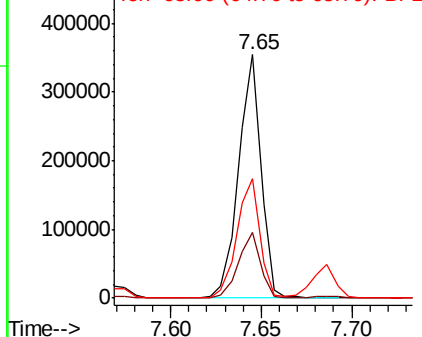
139 100

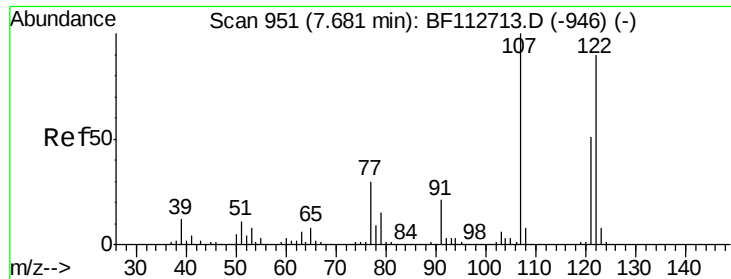
109 26.8 20.6 31.0

65 49.2 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 38.375 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

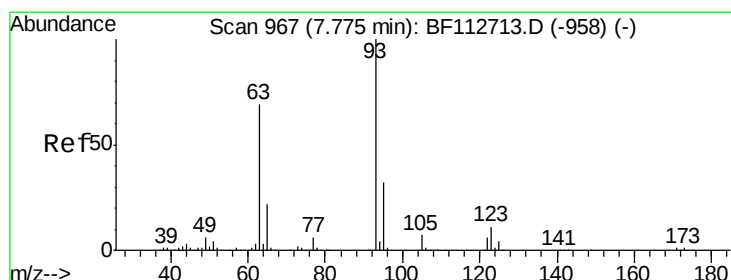
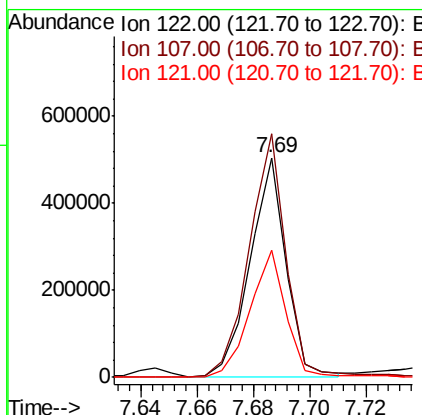
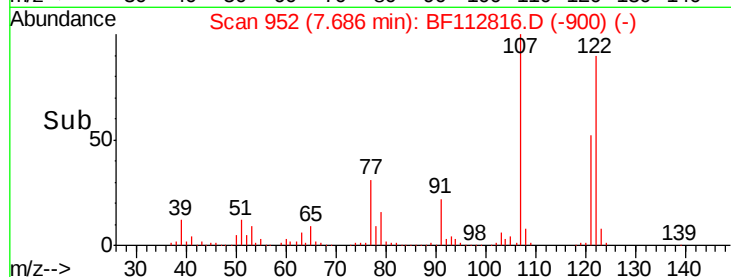
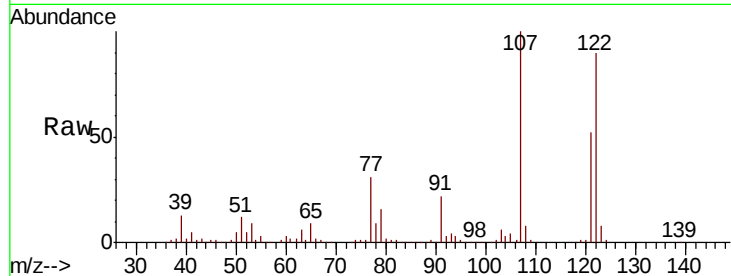
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	446606
Ion Ratio	Lower	Upper	
122	100		
107	110.8	89.4	134.0
121	57.7	45.5	68.3

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#28

bis(2-Chloroethoxy)methane

Concen: 38.270 ng

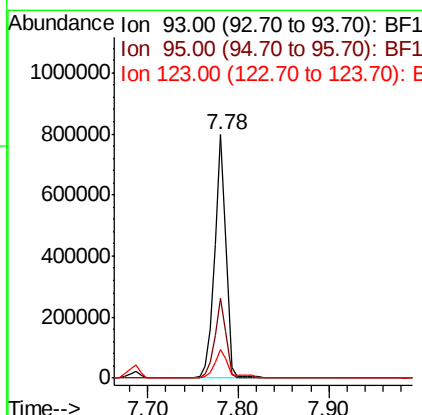
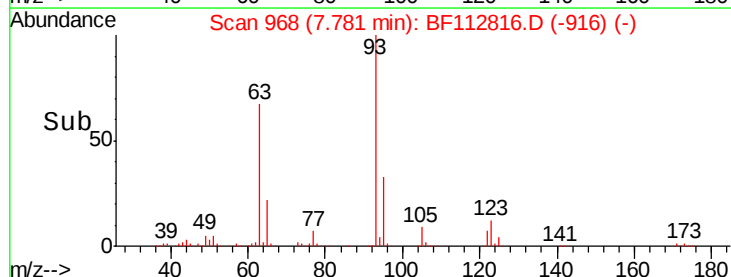
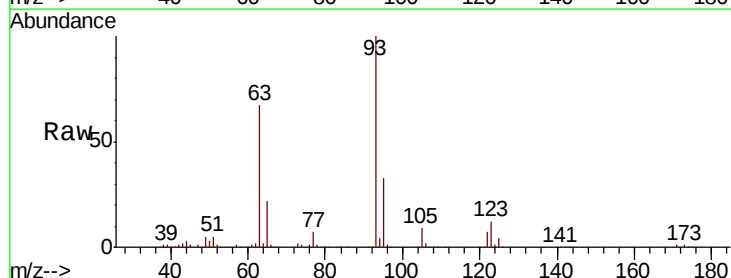
RT: 7.78 min Scan# 968

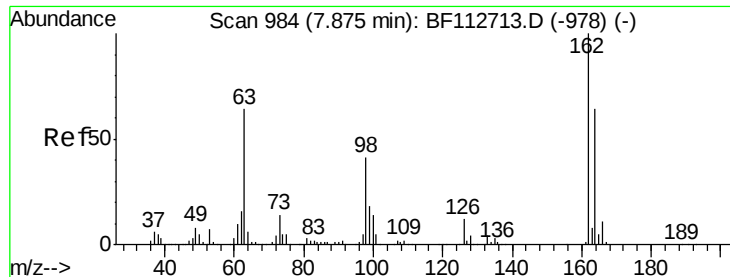
Delta R.T. 0.01 min

Lab File: BF112816.D

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Tgt Ion:	93	Resp:	695980
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.0	39.0
123	11.8	9.3	13.9





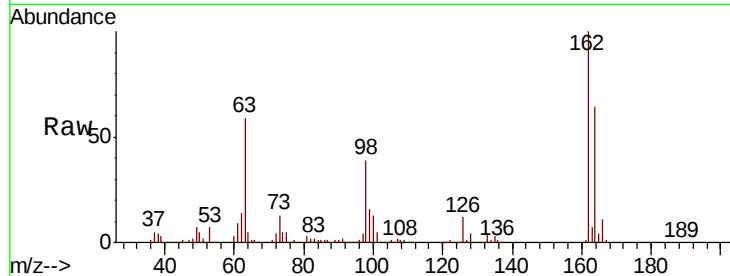
#29
2,4-Dichlorophenol
Concen: 41.706 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

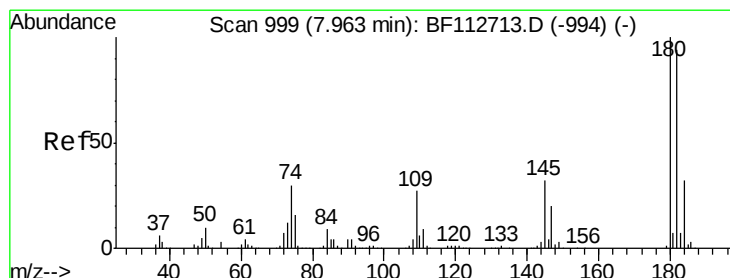
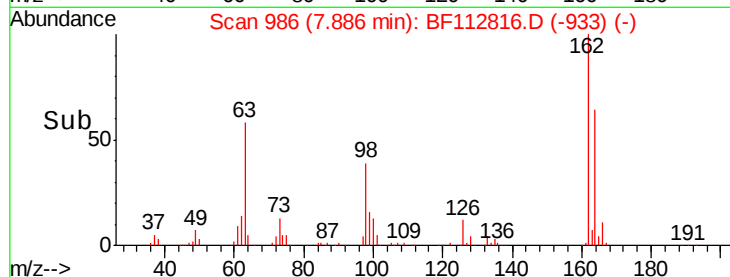
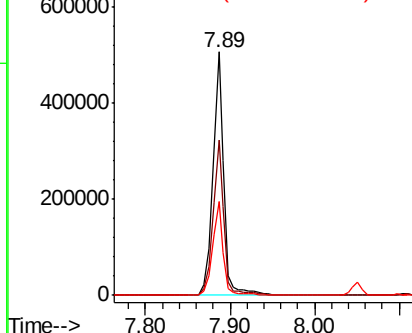
Tot Ion	Ratio	Resp	Lower	Upper
162	100	470692		
164	63.9	44.0	84.0	
98	38.6	20.7	60.7	

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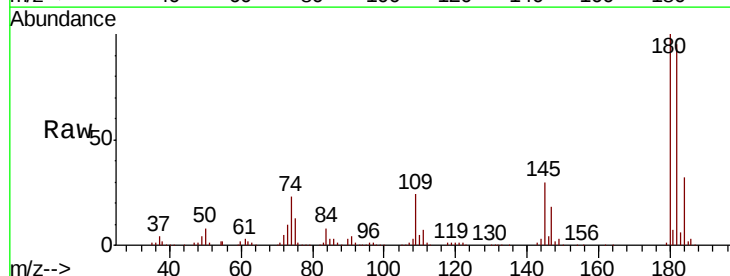


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

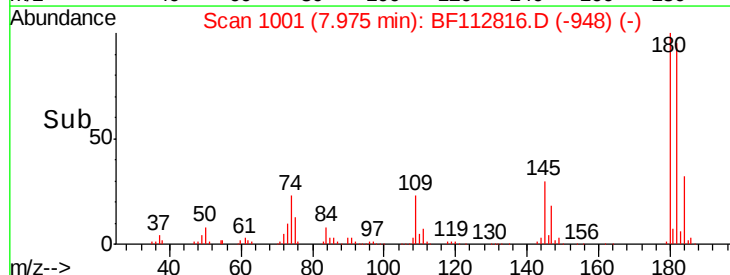
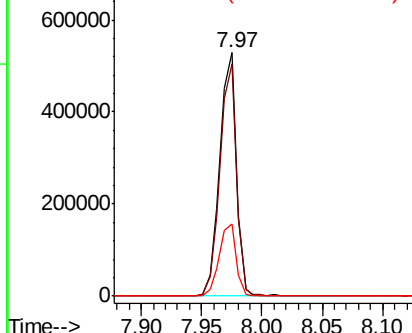


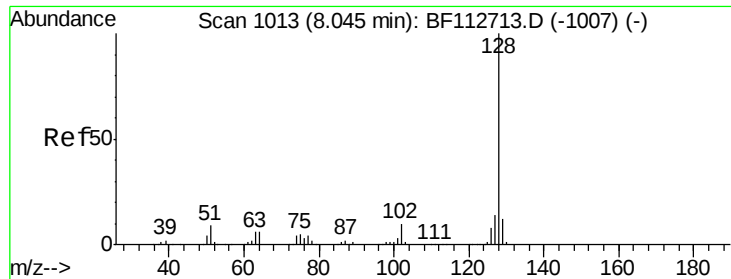
#30
1,2,4-Trichlorobenzene
Concen: 41.535 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	503687		
182	95.1	75.2	112.8	
145	29.9	25.4	38.0	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





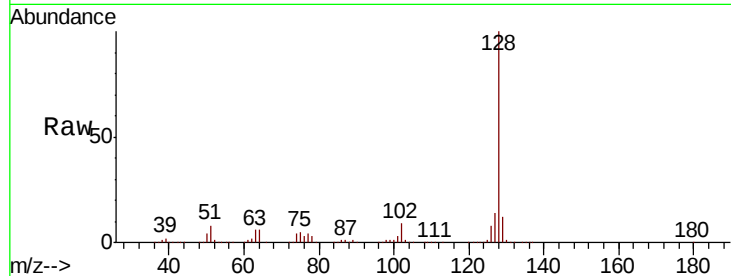
#31
Naphthalene
Concen: 39.074 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.7	10.9	16.3

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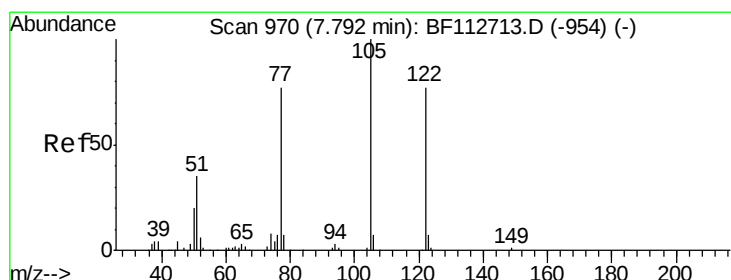
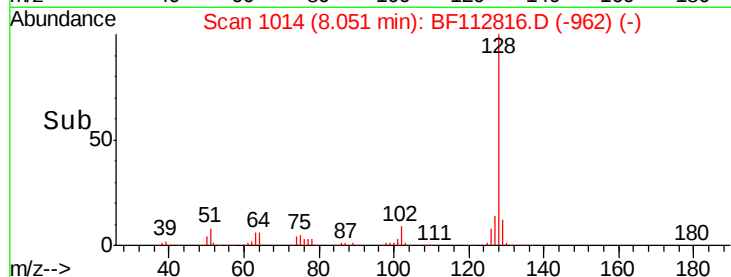
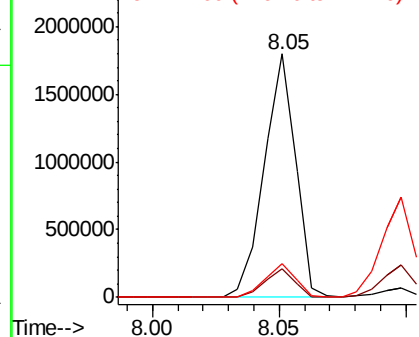


Abundance

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: 36.178 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

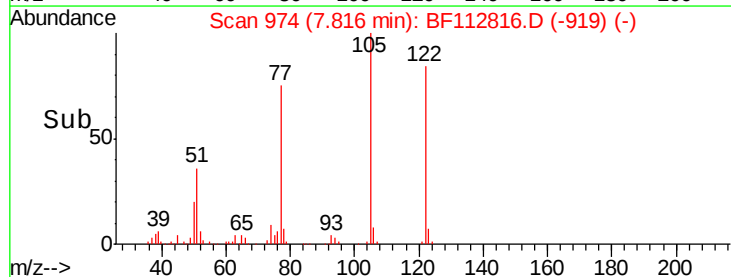
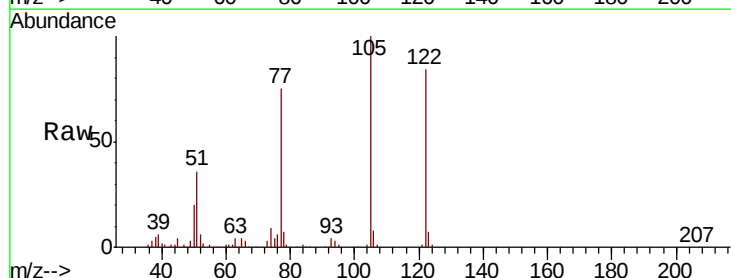
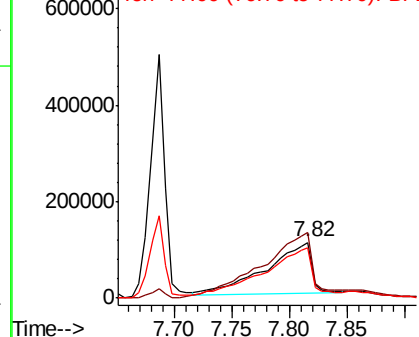
Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	106.8	146.8
77	89.7	79.4	119.4

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





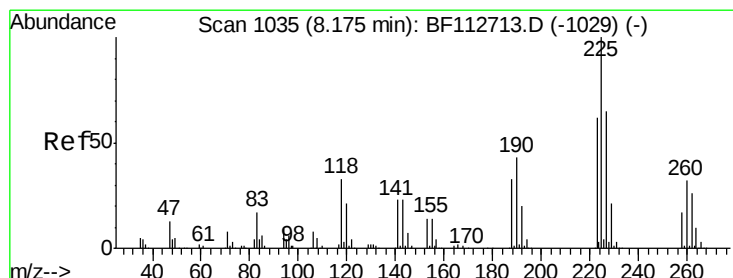
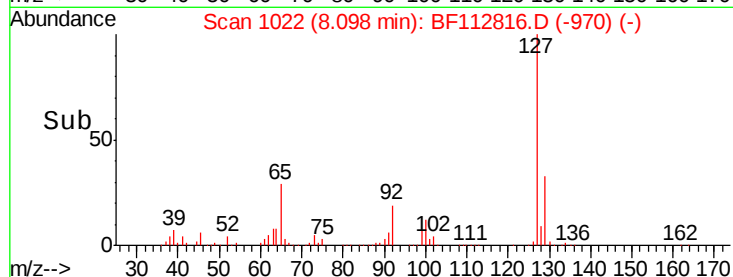
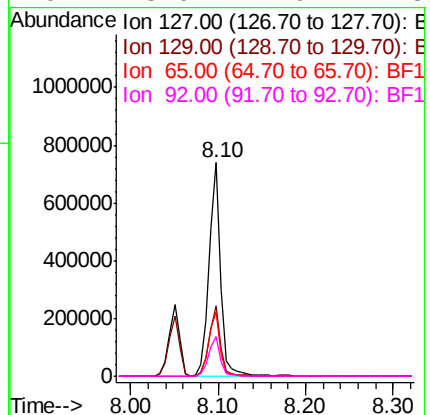
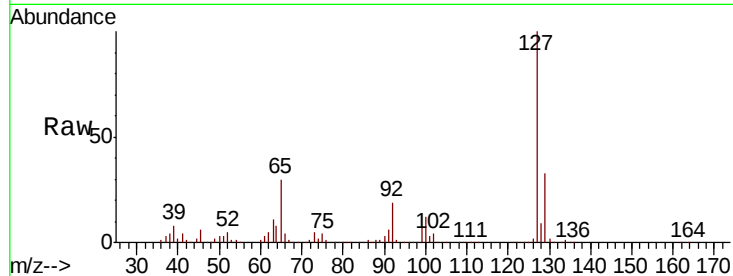
#33
4-Chloroaniline
Concen: 40.244 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		683719		
129	32.9	26.4	39.6		
65	30.1	23.1	34.7		
92	18.9	14.9	22.3		

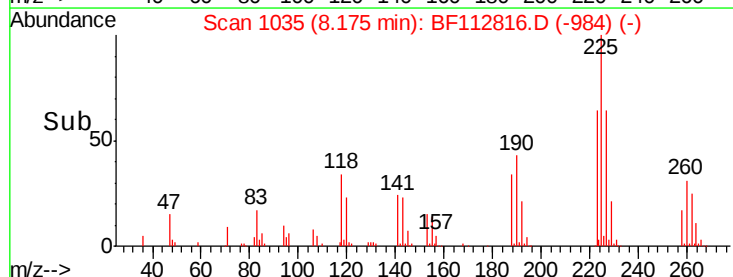
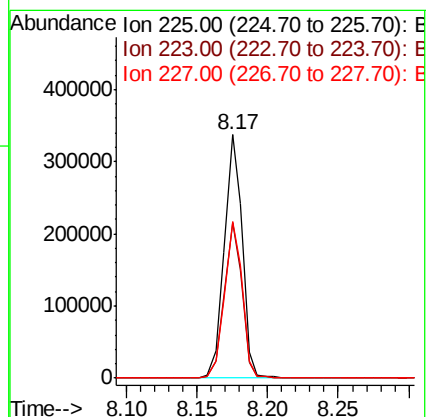
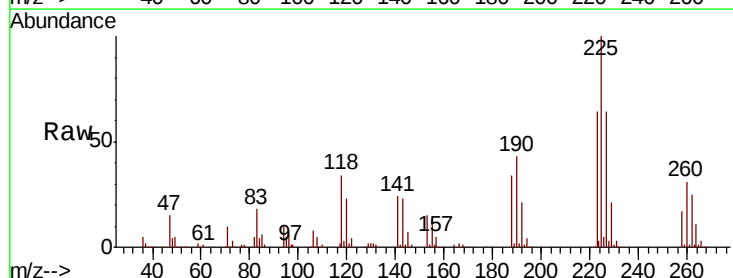
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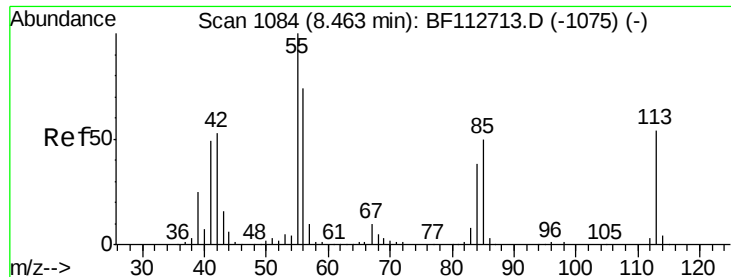
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#34
Hexachlorobutadiene
Concen: 43.476 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		297336		
223	63.7	49.7	74.5		
227	64.3	52.1	78.1		





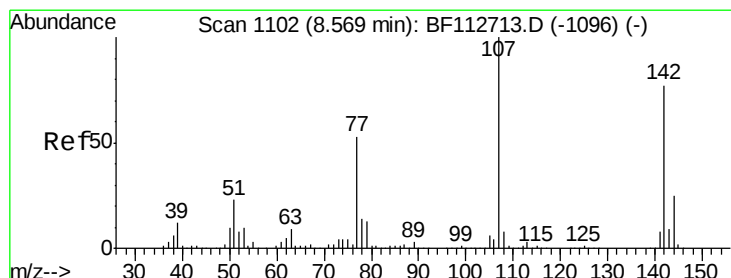
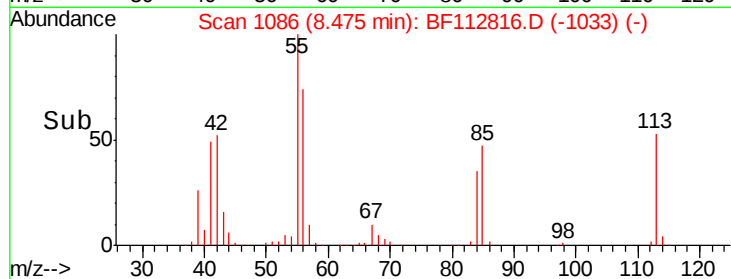
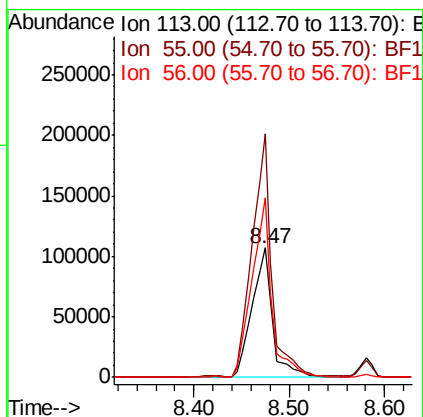
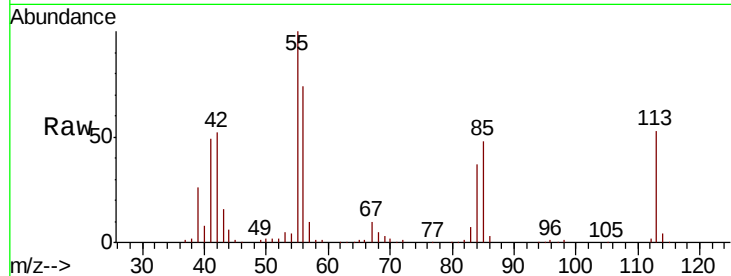
#35
Caprolactam
Concen: 40.264 ng/ml
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.4	163.5	203.5
56	138.7	115.3	155.3

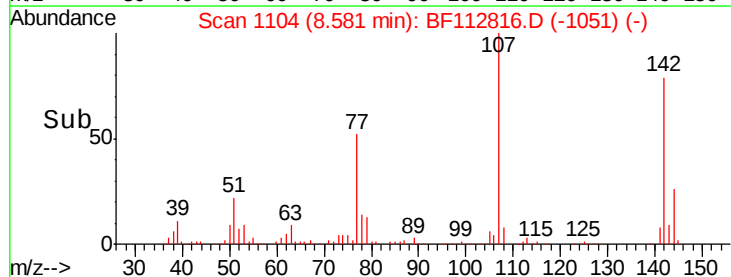
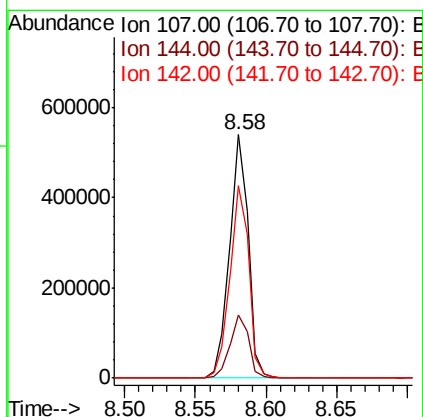
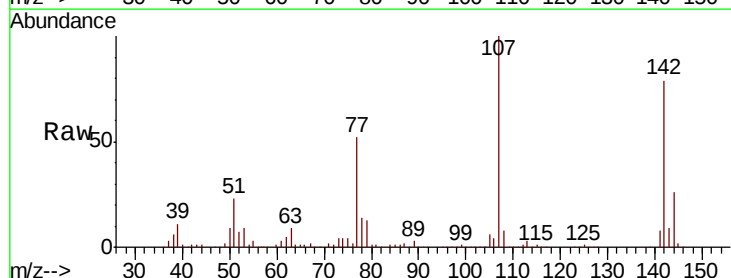
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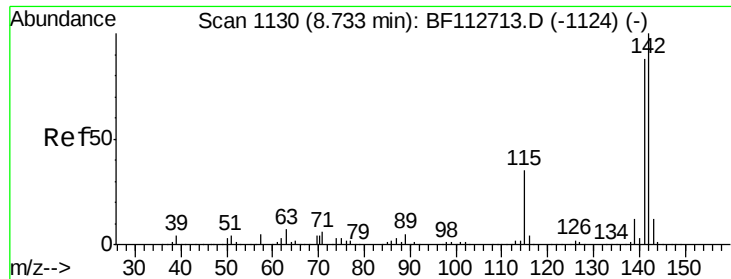
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#36
4-Chloro-3-methylphenol
Concen: 39.945 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.1	30.1
142	79.3	61.9	92.9





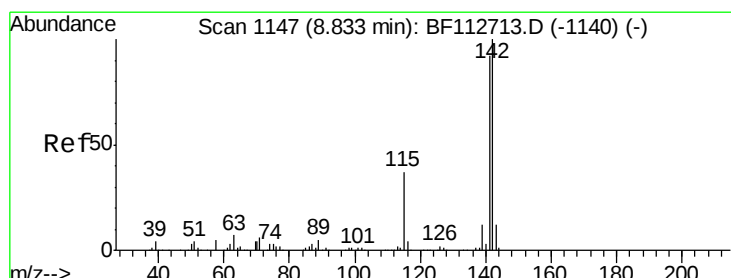
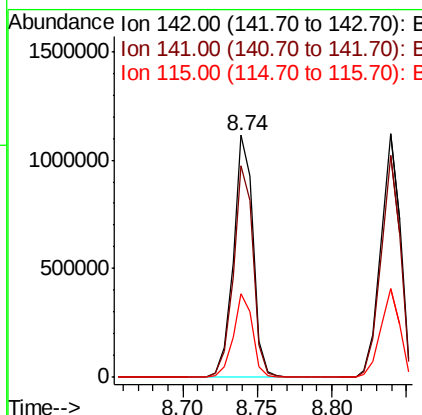
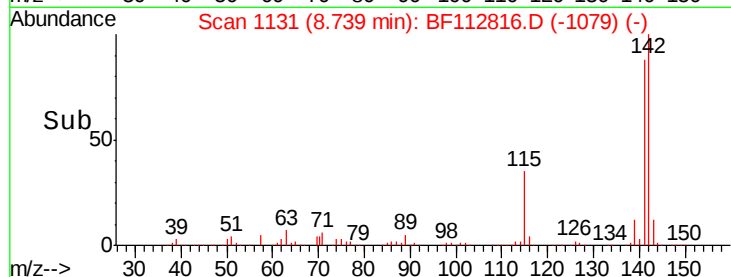
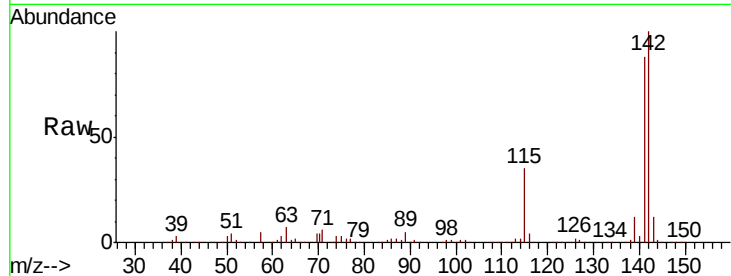
#37
2-Methylnaphthalene
Concen: 40.059 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	34.7	27.8	41.6

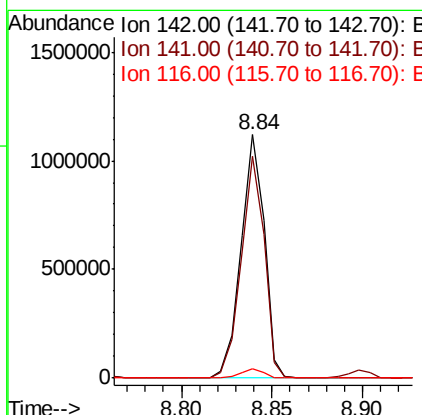
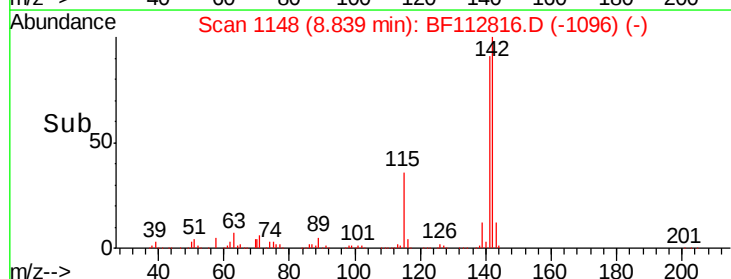
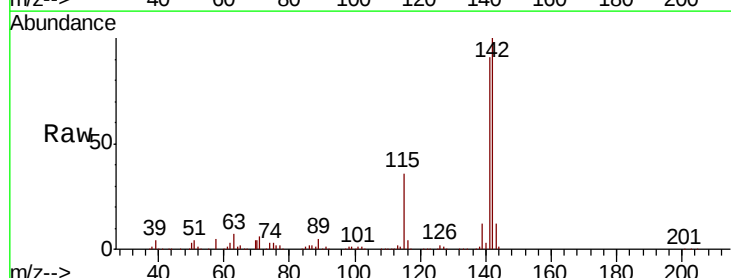
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#38
1-Methylnaphthalene
Concen: 39.819 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5
116	3.8	3.1	4.7





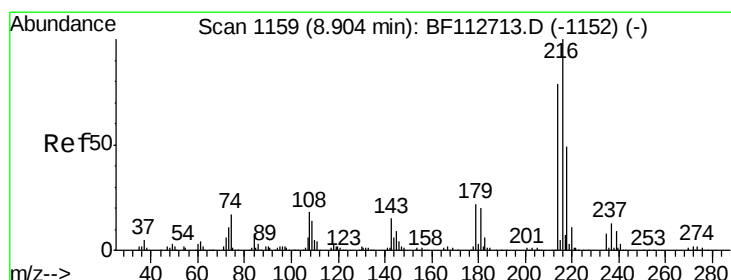
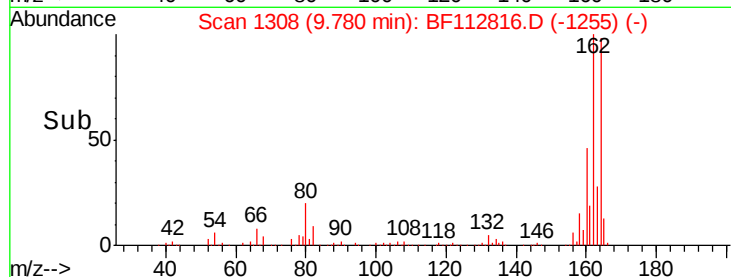
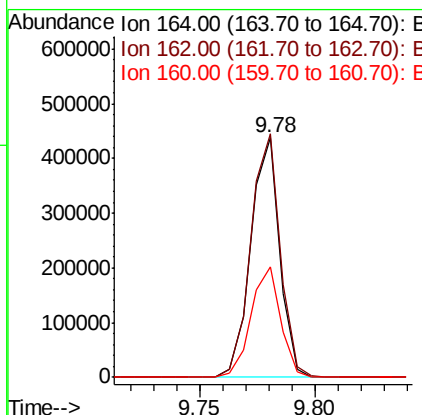
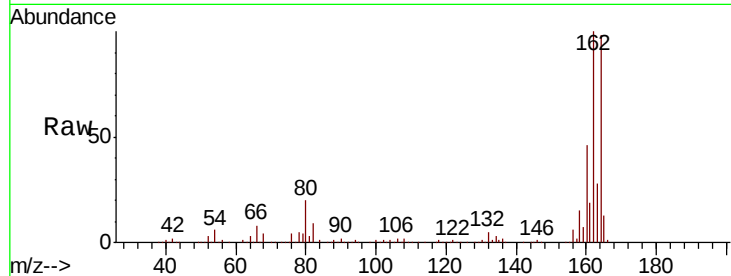
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.3	36.0	54.0

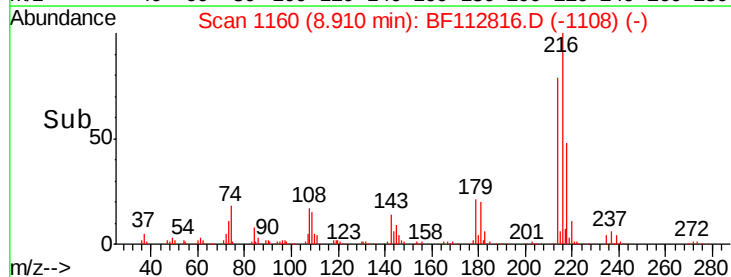
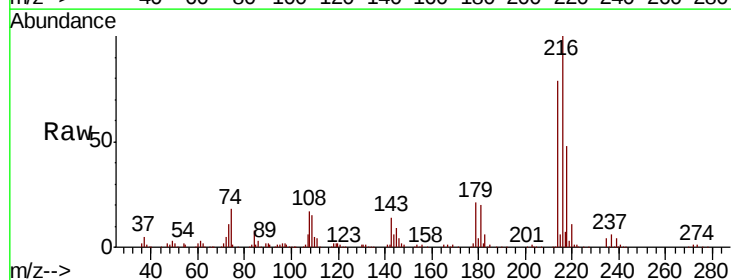
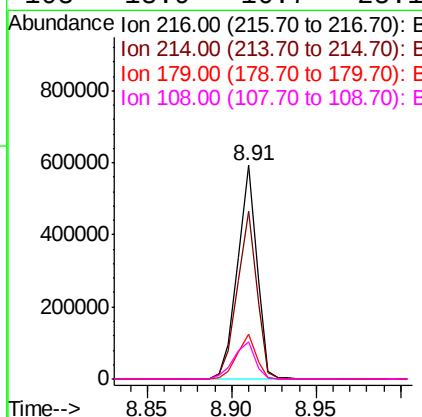
Manual Integrations
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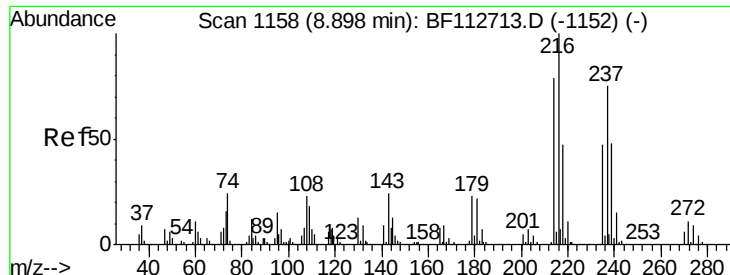
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.434 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	20.6	17.5	26.3
108	18.9	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 42.938 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

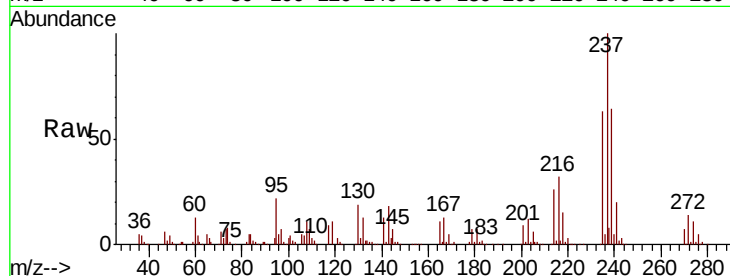
ClientSampleId :

SSTDCCC040

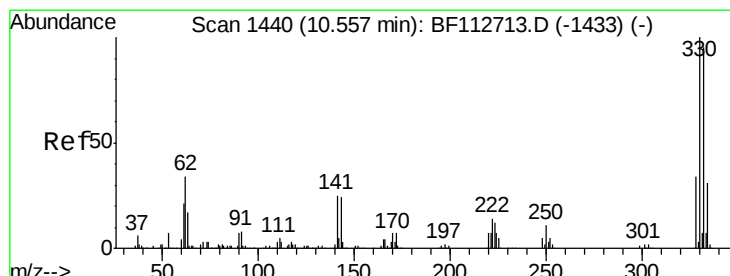
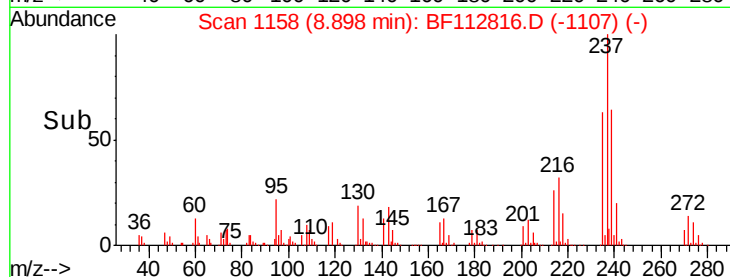
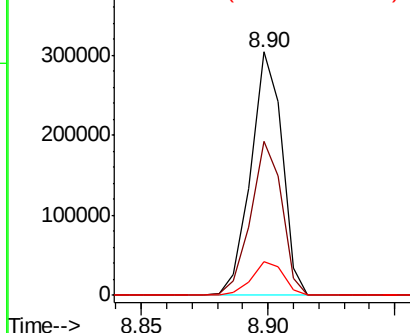
Tot Ion:	237	Resp:	262683
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.2	82.2
272	13.6	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 92.637 ng

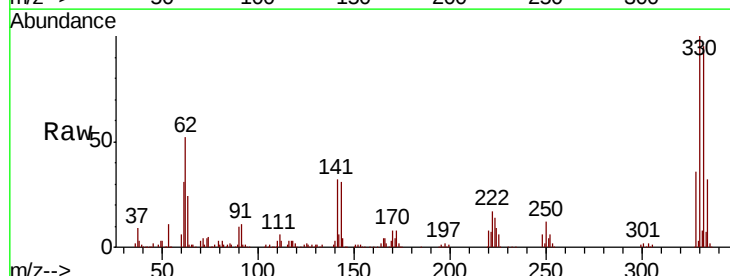
RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

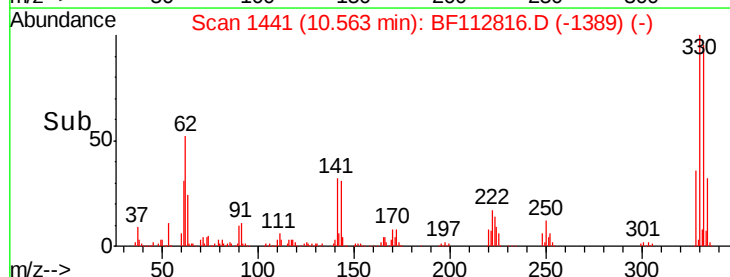
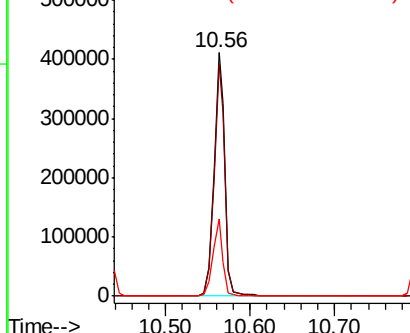
Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Tgt Ion:	330	Resp:	376773
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.2	114.4
141	29.2	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





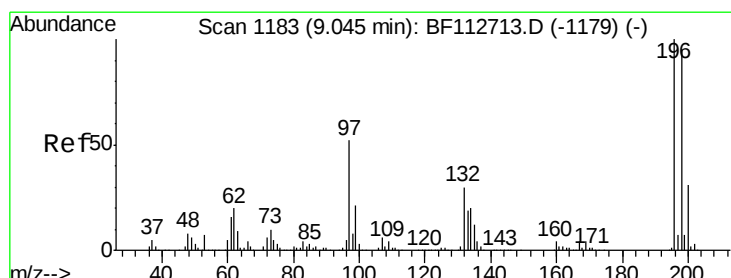
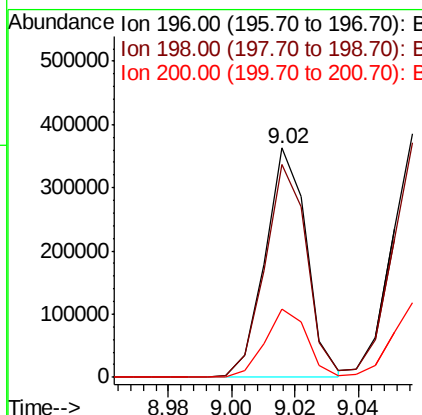
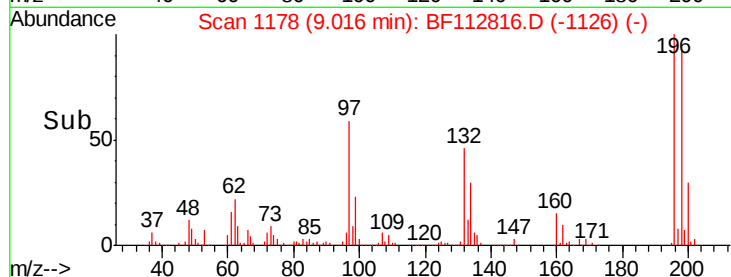
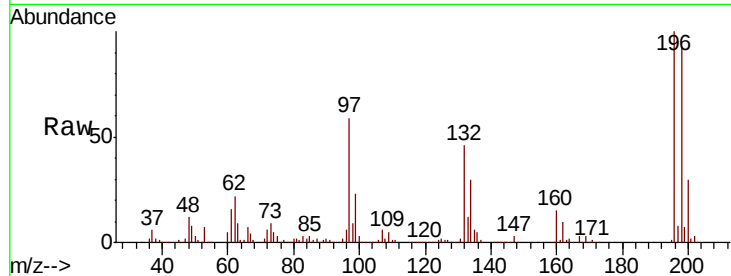
#43
 2,4,6-Trichlorophenol
 Concen: 42.863 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	329569		
198	93.0	75.8	113.8	
200	29.6	24.3	36.5	

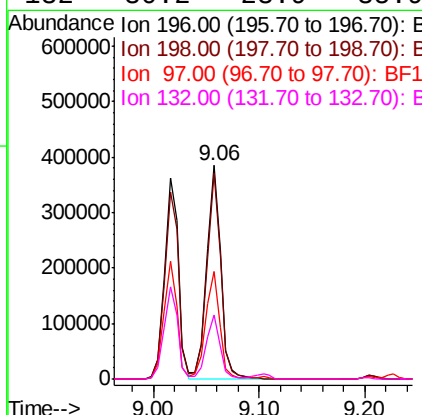
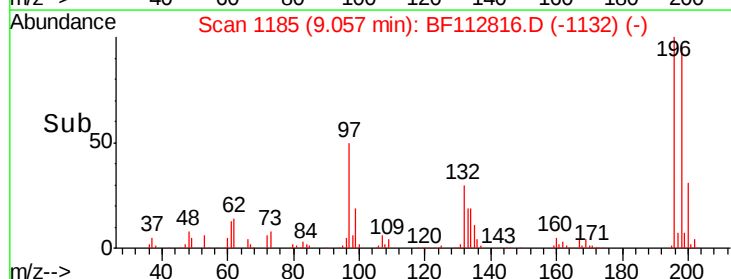
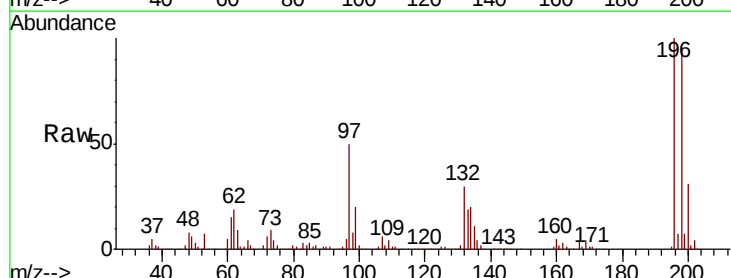
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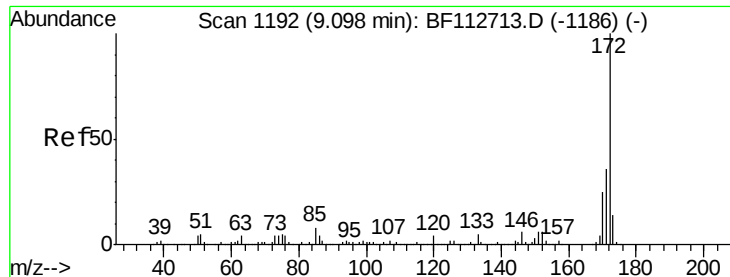
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#44
 2,4,5-Trichlorophenol
 Concen: 43.095 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	358147		
198	96.4	76.2	114.2	
97	50.5	41.5	62.3	
132	30.2	23.9	35.9	





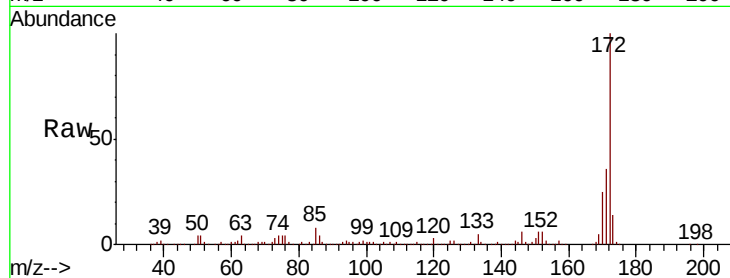
#45
2-Fluorobiphenyl
Concen: 83.013 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.7	20.0	30.0

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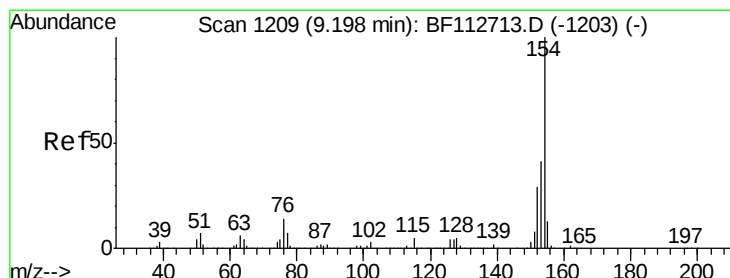
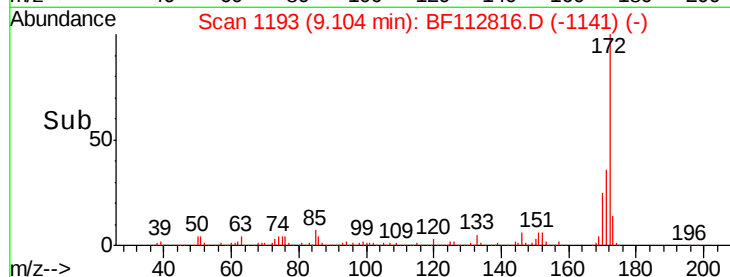
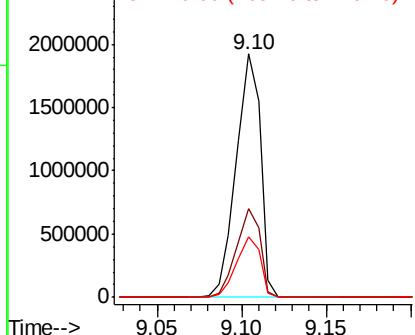


Abundance

Ion 172.00 (171.70 to 172.70): E

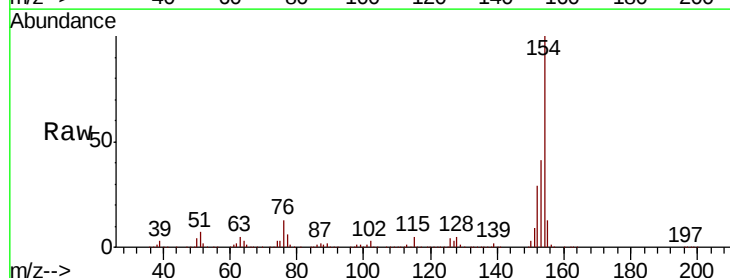
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.820 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.8	60.8
76	12.8	0.0	33.8

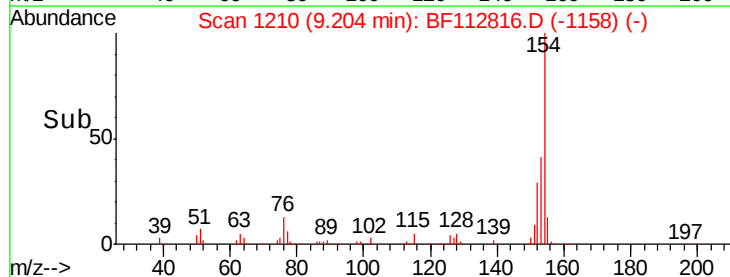
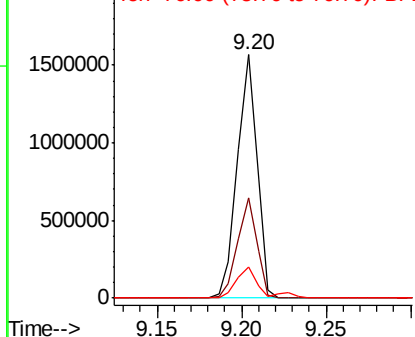


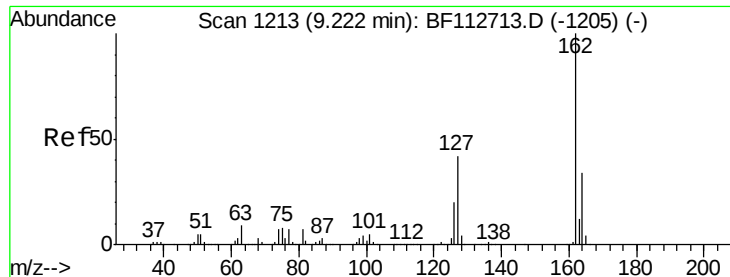
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





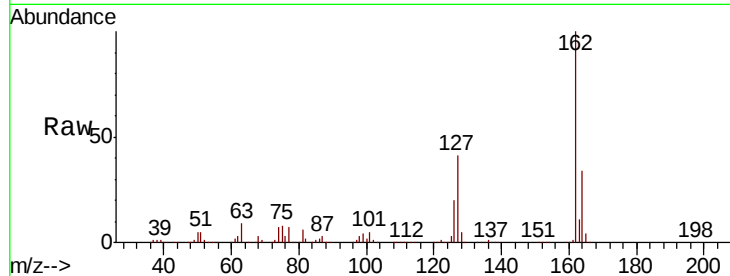
#47
 2-Chloronaphthalene
 Concen: 39.840 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

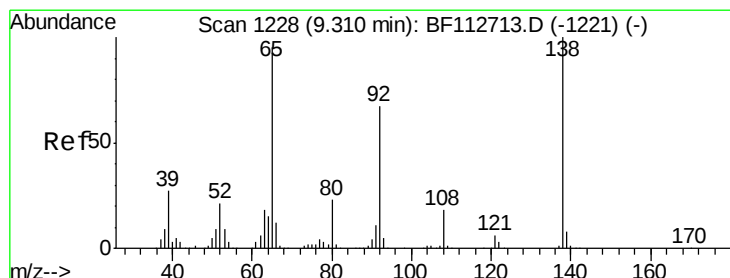
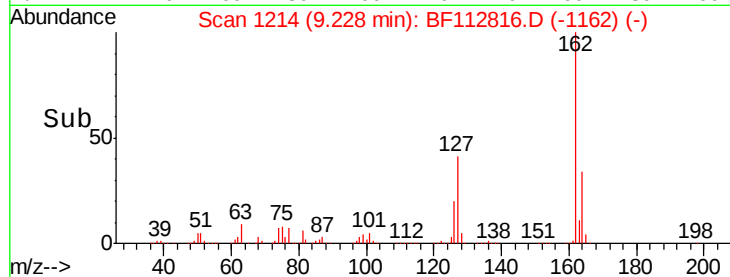
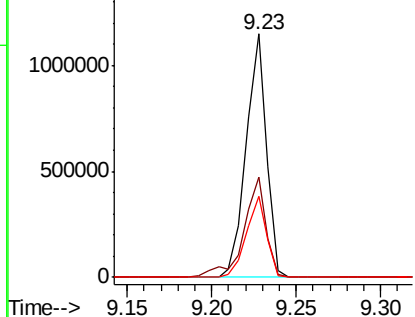
Tot Ion:	162	Resp:	972110
Ion Ratio		Lower	Upper
162	100		
127	41.4	33.4	50.2
164	33.5	26.9	40.3

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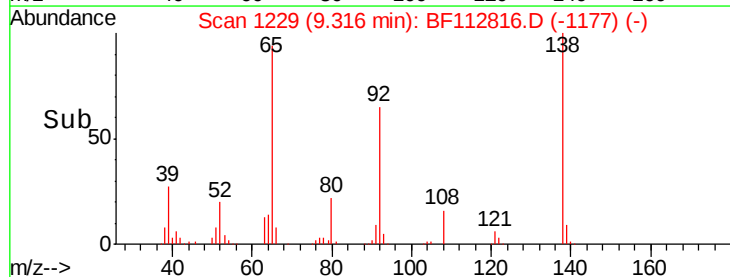
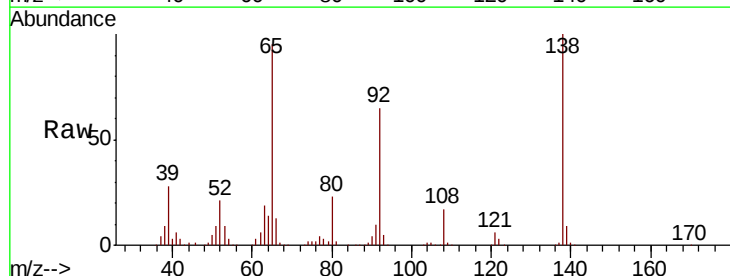
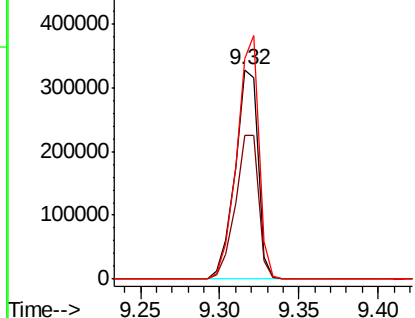
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

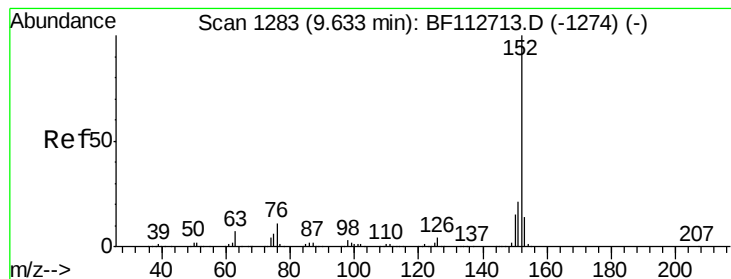


#48
 2-Nitroaniline
 Concen: 44.550 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion:	65	Resp:	330408
Ion Ratio		Lower	Upper
65	100		
92	68.4	56.4	84.6
138	105.5	84.6	126.8

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.139 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

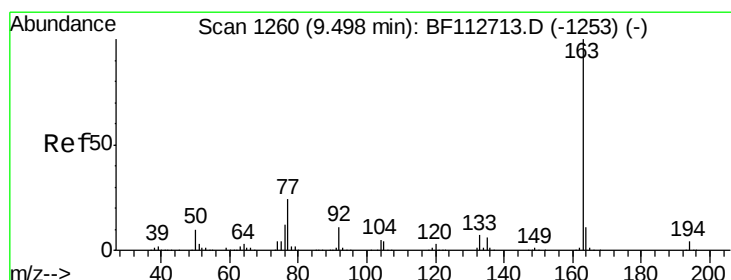
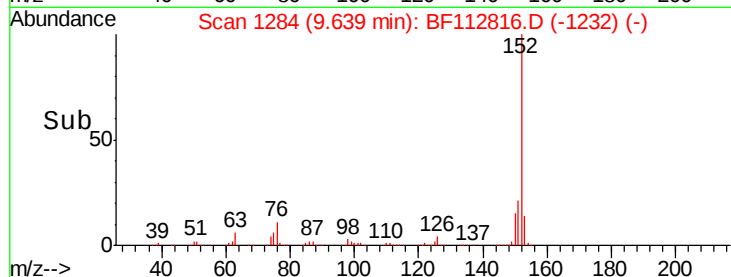
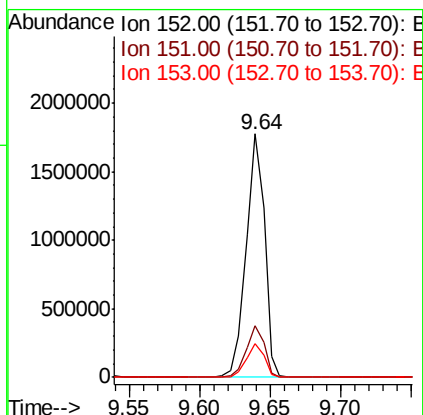
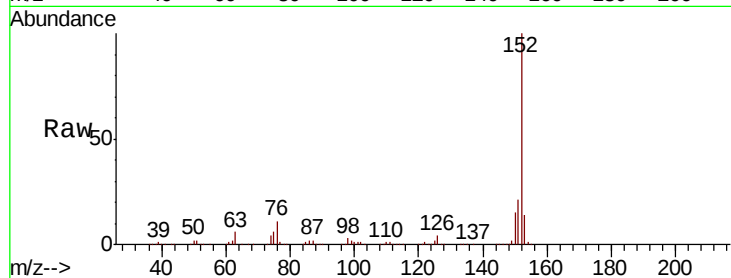
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	1621236
Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	13.8	11.0	16.6

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#50

Dimethylphthalate

Concen: 40.644 ng

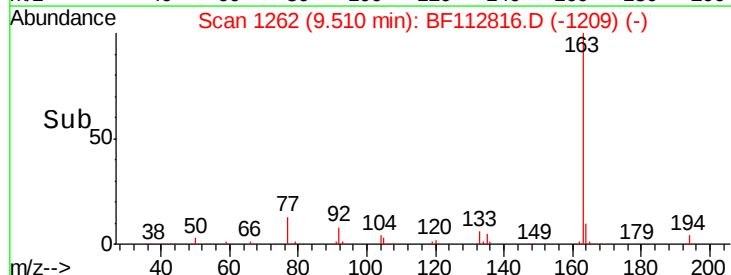
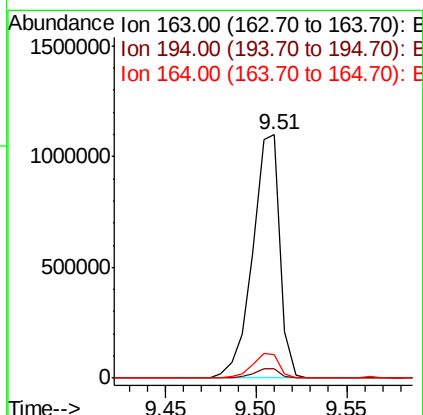
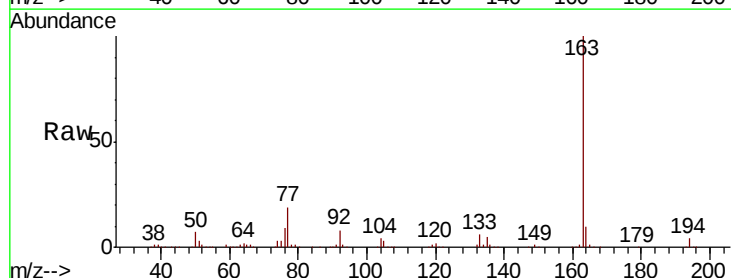
RT: 9.51 min Scan# 1262

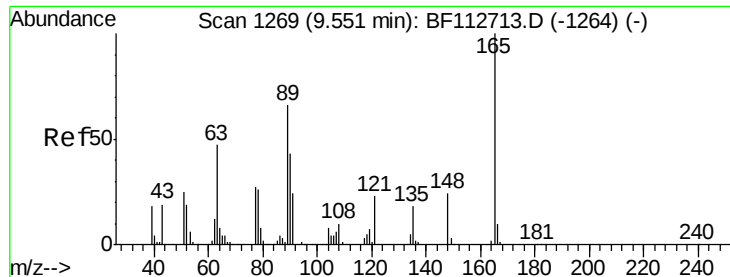
Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Tgt Ion:	163	Resp:	1148136
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.8	8.4	12.6





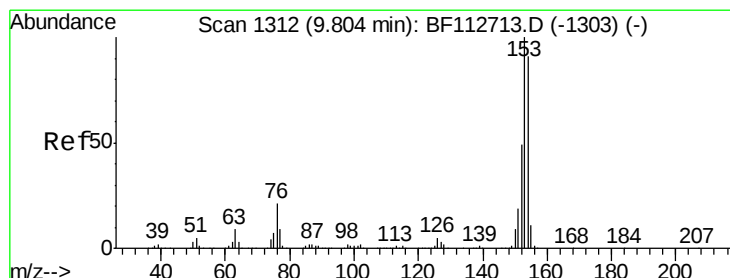
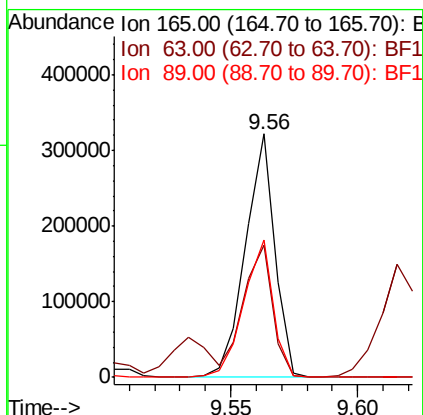
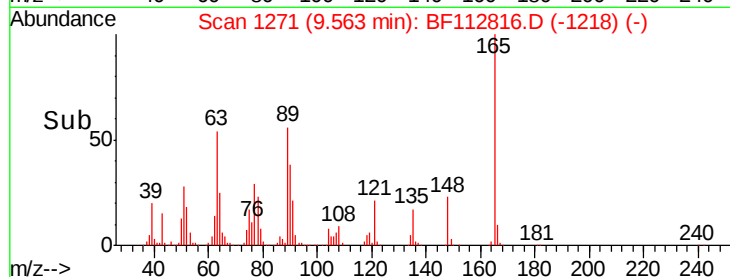
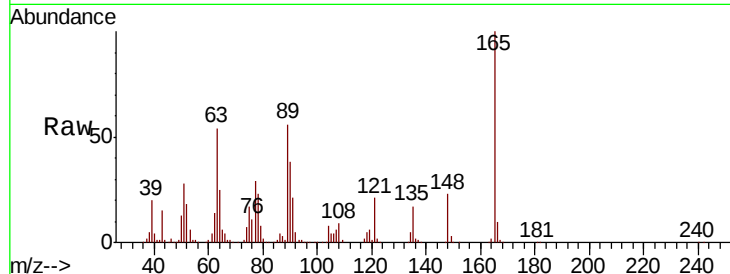
#51
2,6-Dinitrotoluene
Concen: 44.225 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	260153		
63	54.5		54.1	81.1
89	56.3		52.8	79.2

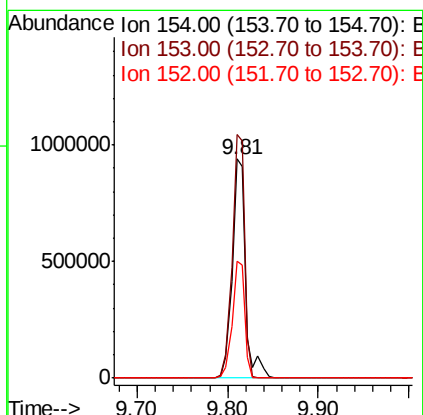
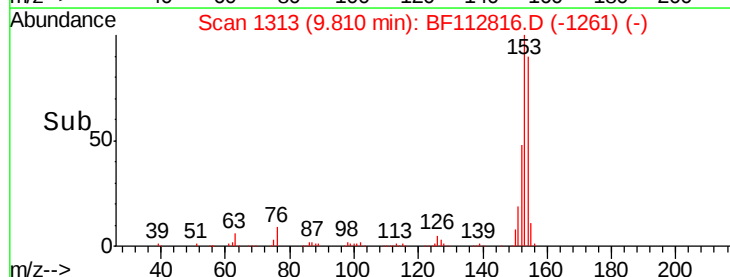
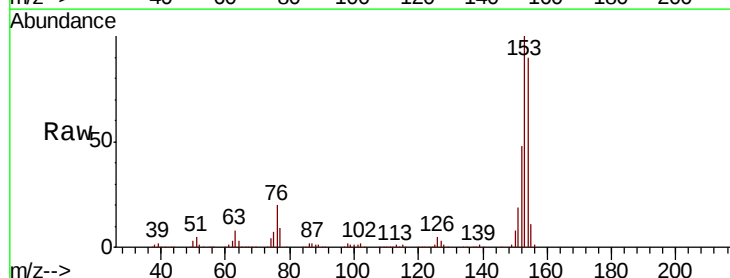
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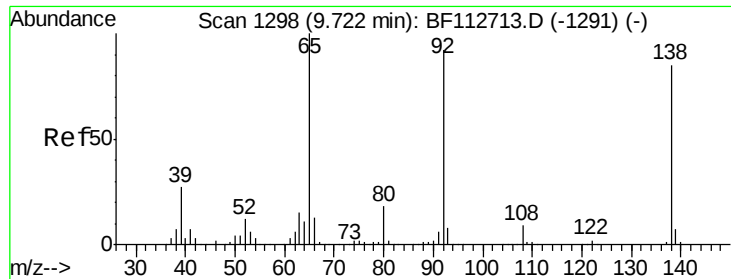
Sohil
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#52
Acenaphthene
Concen: 39.764 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	963231		
153	111.2		87.8	131.8
152	53.3		43.0	64.6





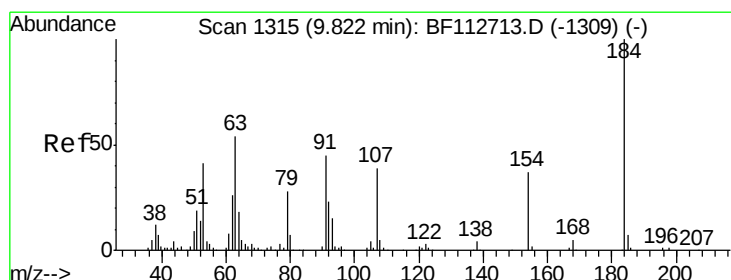
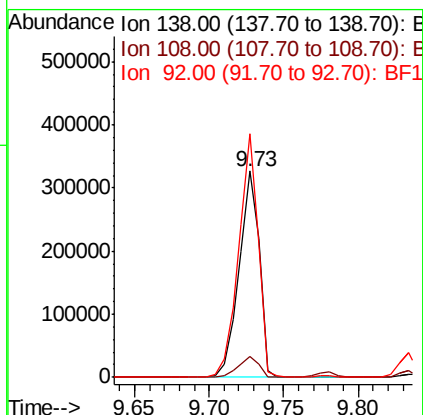
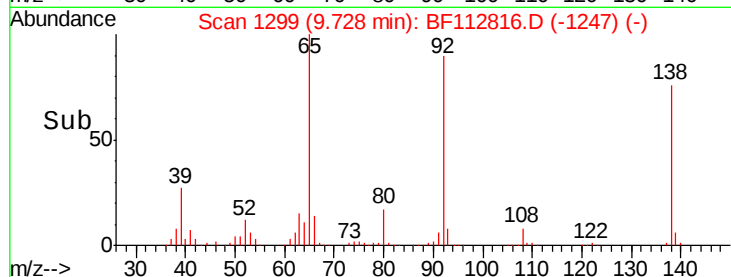
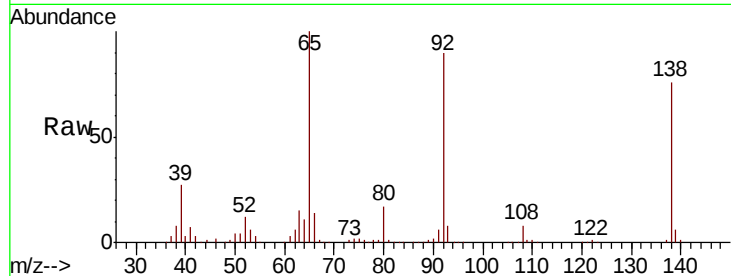
#53
3-Nitroaniline
Concen: 43.076 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	118.2	86.6	129.8

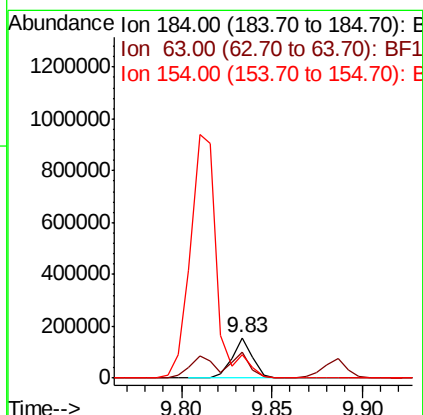
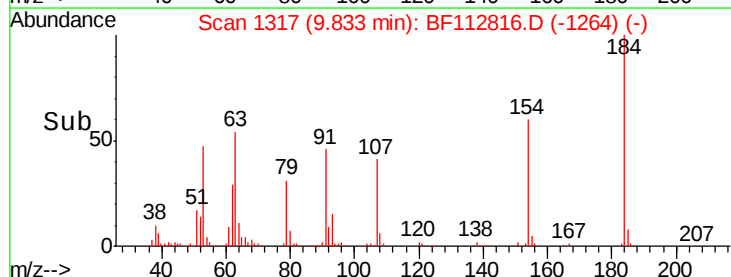
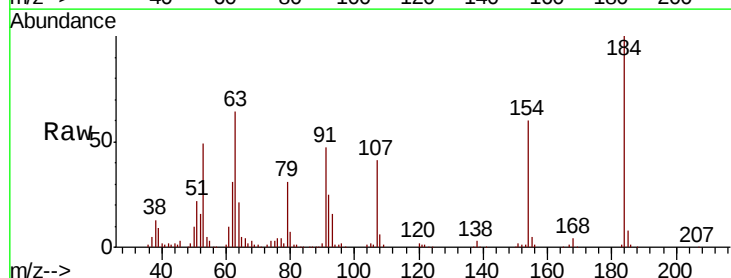
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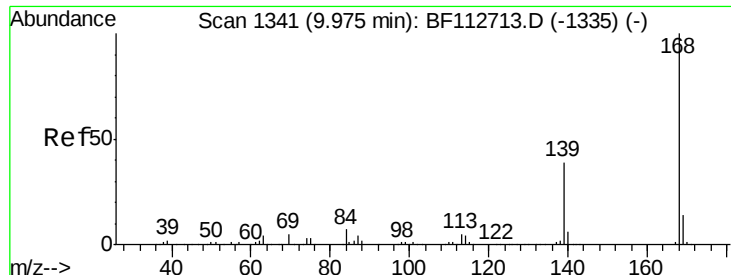
Sohil
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#54
2,4-Dinitrophenol
Concen: 52.961 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.6	45.3	67.9
154	59.5	46.0	69.0





#55

Dibenzenofuran

Concen: 39.387 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1386686

Ion Ratio Lower Upper

168 100

139 36.1 31.3 46.9

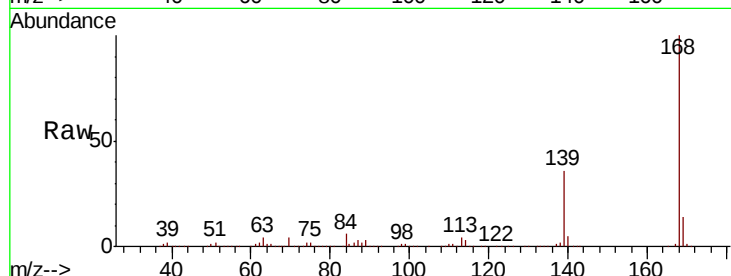
169 13.6 11.3 16.9

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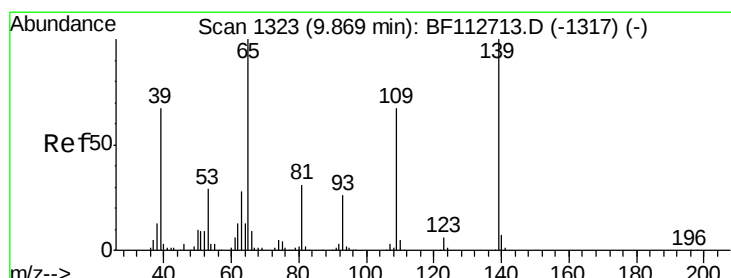
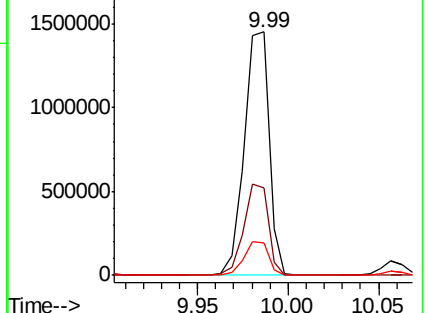
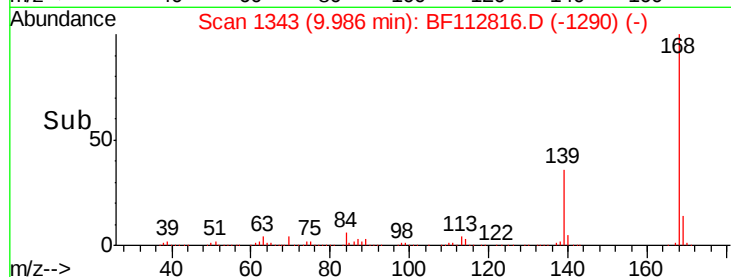
3/5/2019 11:00:29 AM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.773 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.02 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

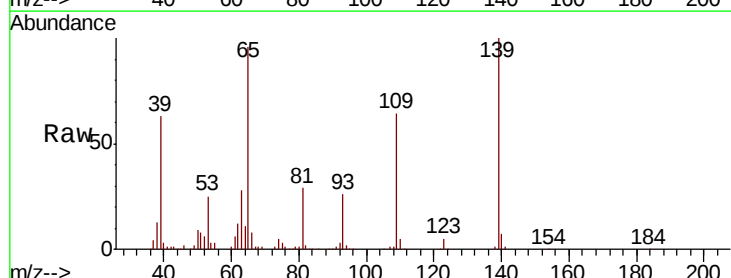
Tgt Ion:139 Resp: 249174

Ion Ratio Lower Upper

139 100

109 63.8 46.8 86.8

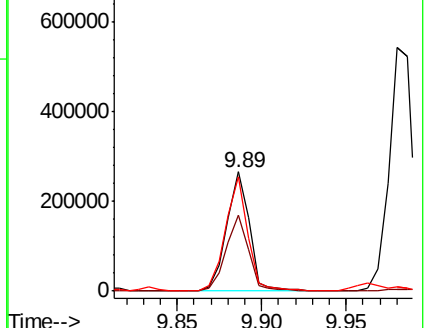
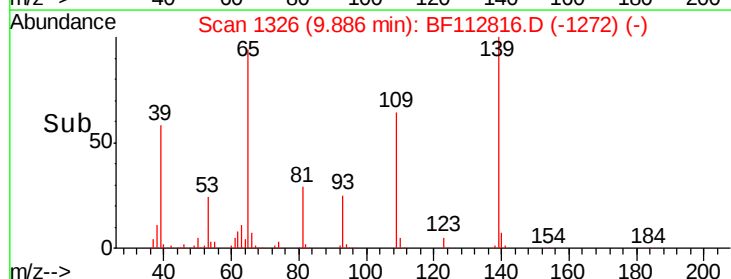
65 95.8 80.7 120.7

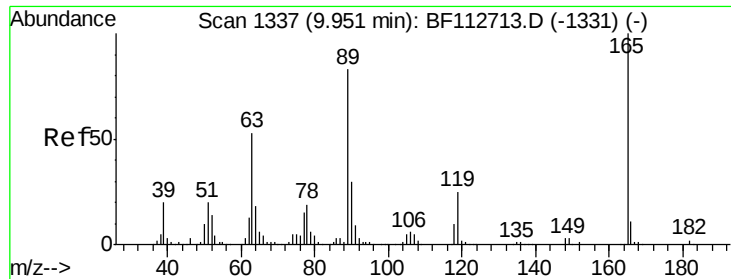


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





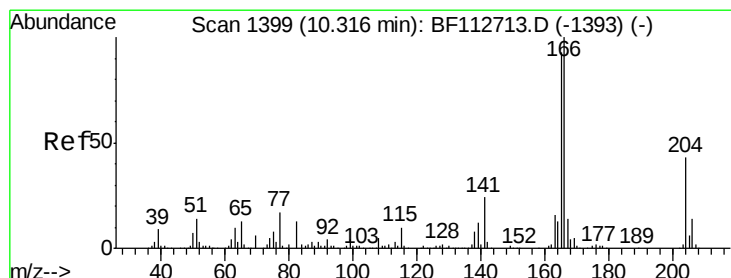
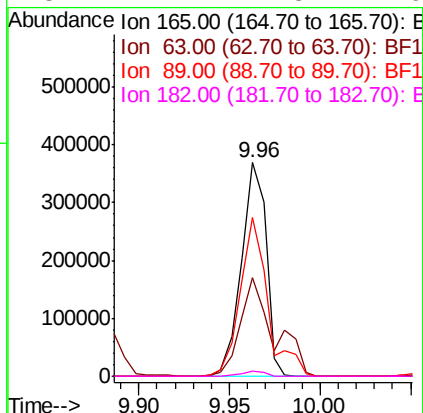
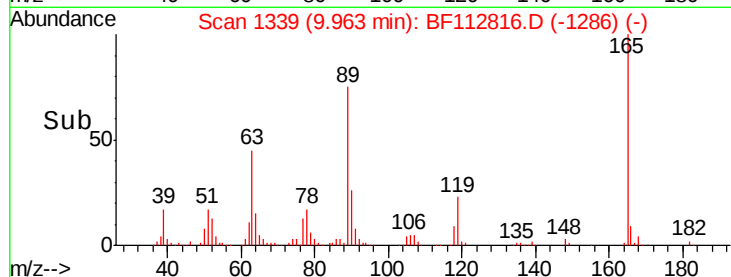
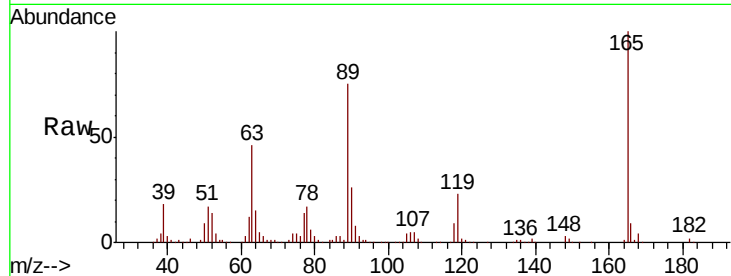
#57
2,4-Dinitrotoluene
Concen: 47.748 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		349143		
63	46.1		42.2	63.2	
89	74.6		66.2	99.4	
182	2.4		1.8	2.6	

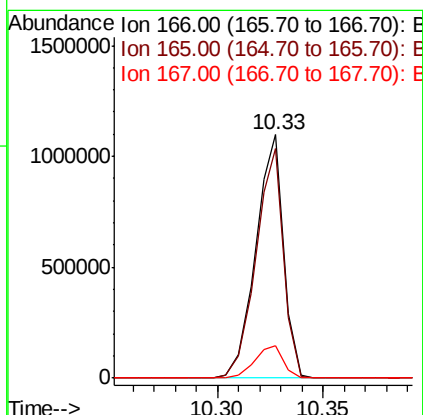
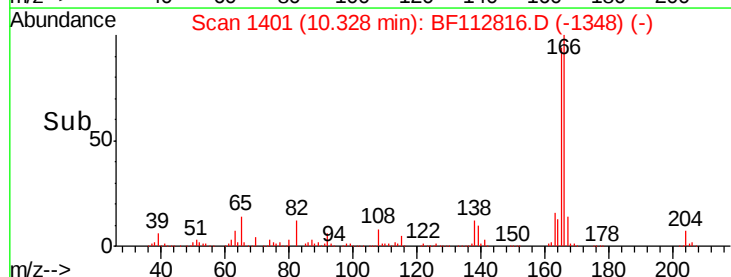
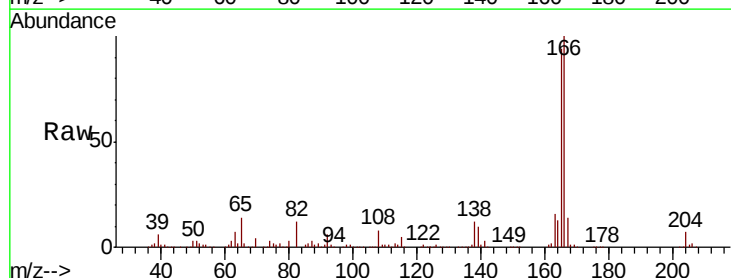
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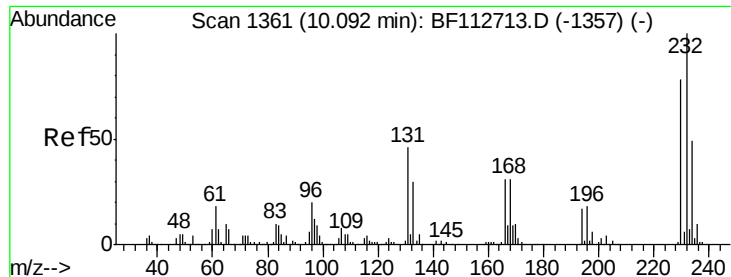
Sohil
3/5/2019 11:00:29 AM



#58
Fluorene
Concen: 39.974 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		998885		
165	94.1		74.7	112.1	
167	13.6		11.0	16.6	





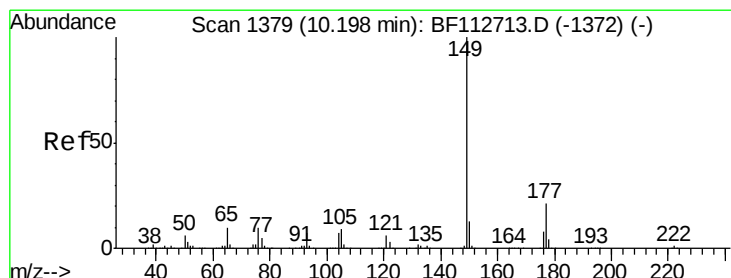
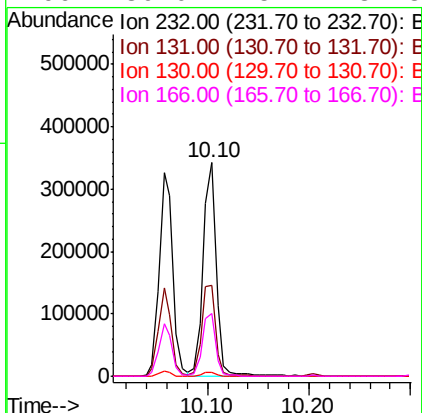
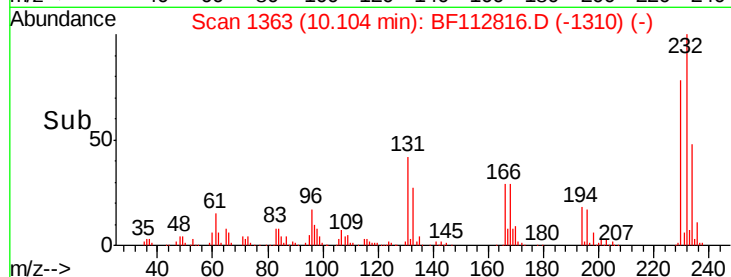
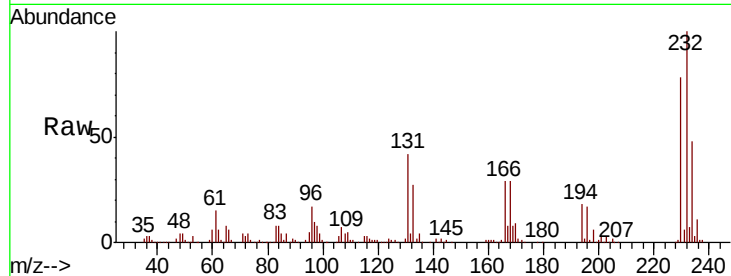
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.383 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	38.7	58.1
130	2.1	1.9	2.9
166	30.0	25.2	37.8

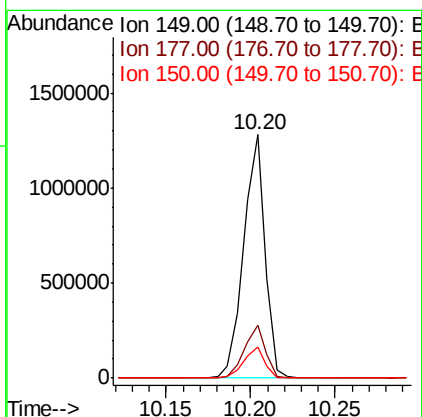
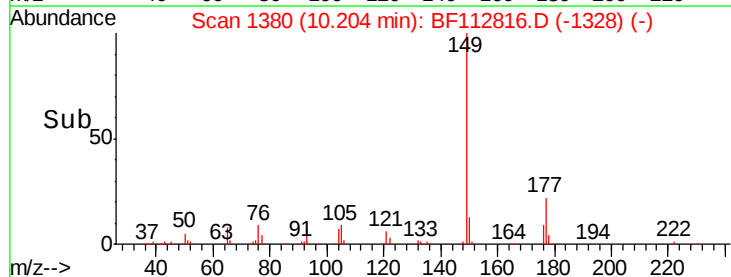
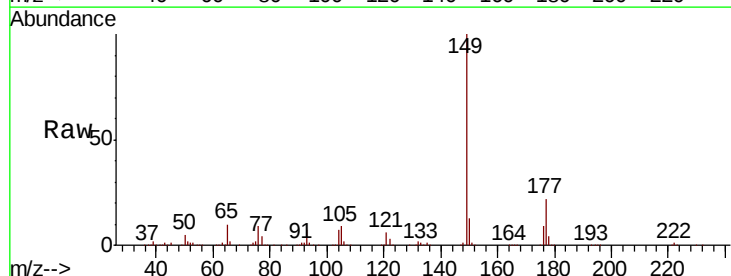
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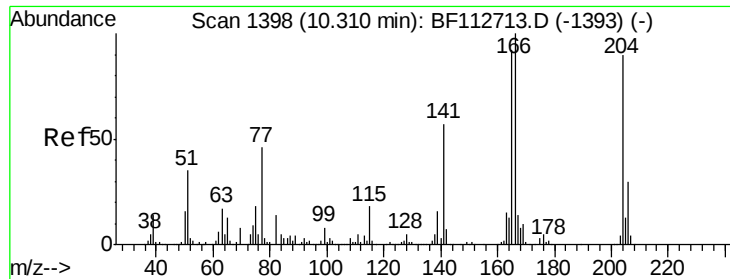
Sohil
3/5/2019 11:00:29 AM



#60
Diethylphthalate
Concen: 37.980 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.6
150	12.9	10.0	15.0





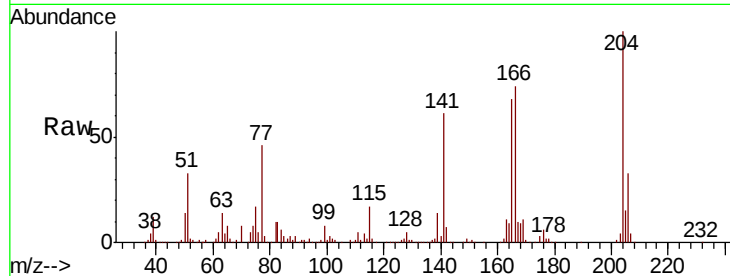
#61
4-Chlorophenyl-phenylether
Concen: 42.096 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

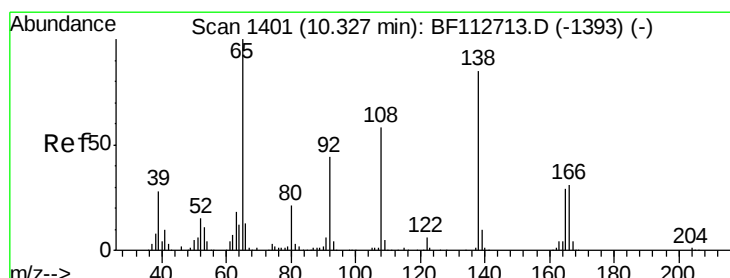
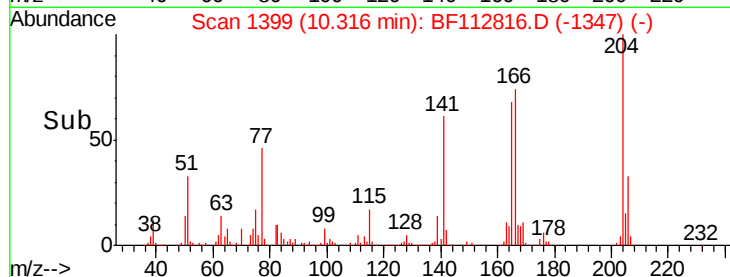
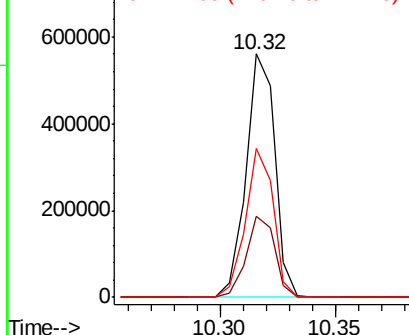
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	60.9	50.8	76.2

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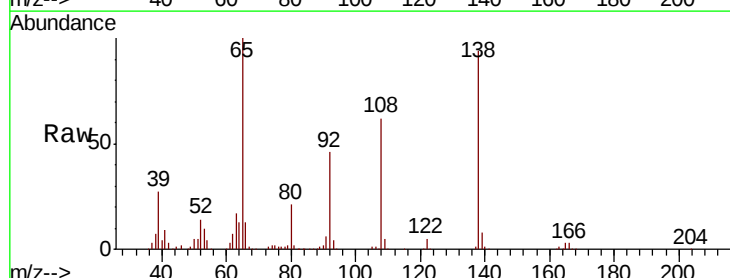


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

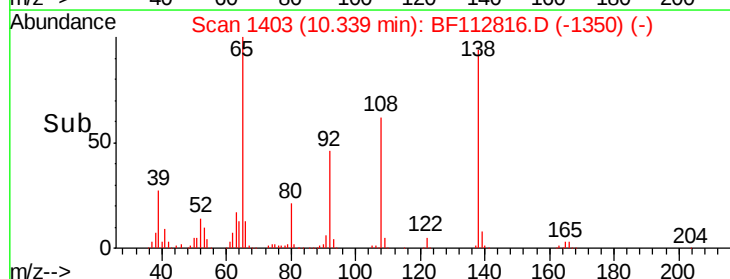
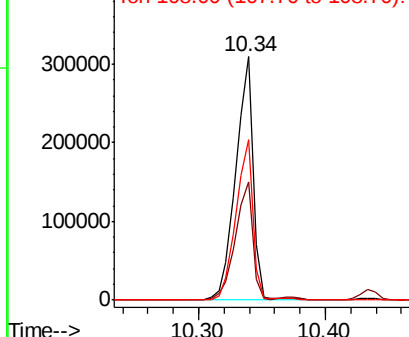


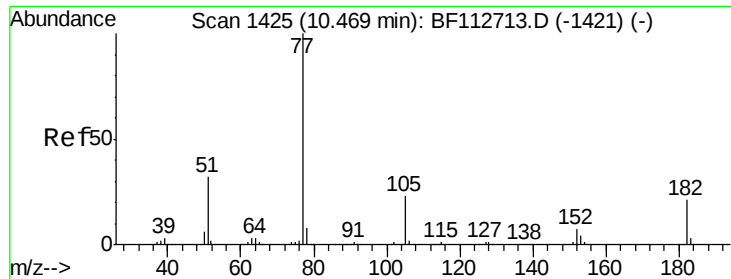
#62
4-Nitroaniline
Concen: 44.187 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	31.3	71.3
108	65.8	48.1	88.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





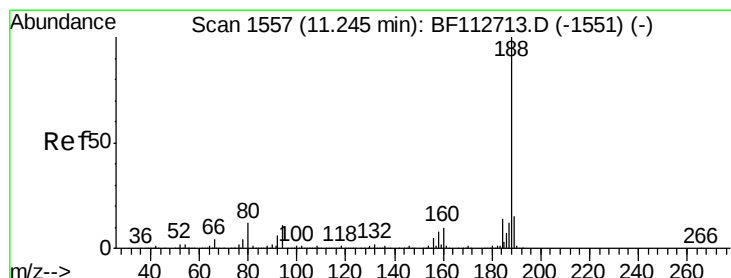
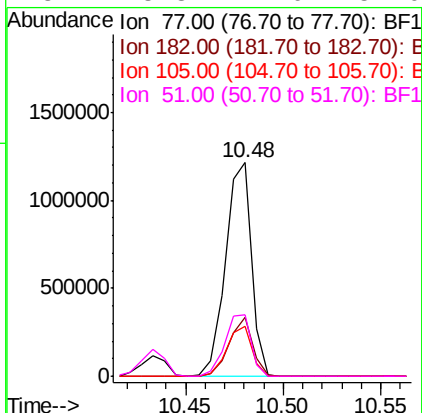
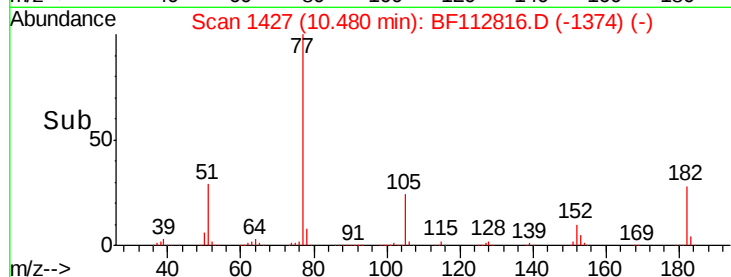
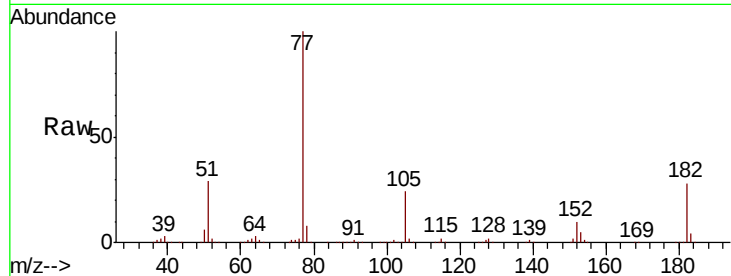
#63
Azobenzene
Concen: 36.633 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.6	1.4	41.4	
105	23.5	2.6	42.6	
51	28.8	12.0	52.0	

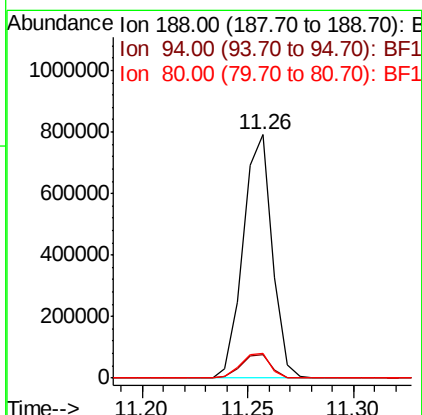
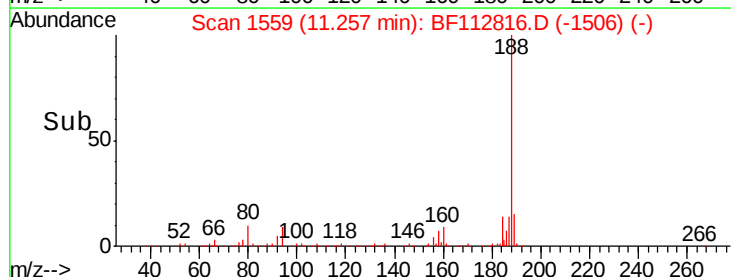
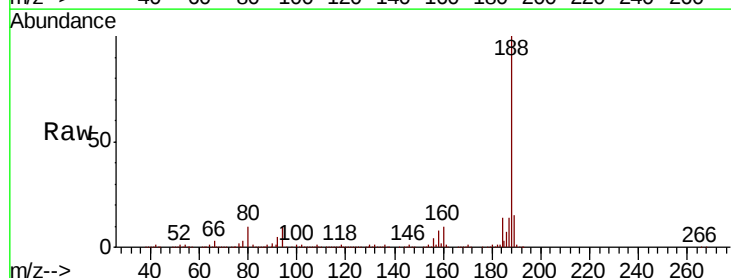
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	9.0	13.4	
80	10.0	9.2	13.8	





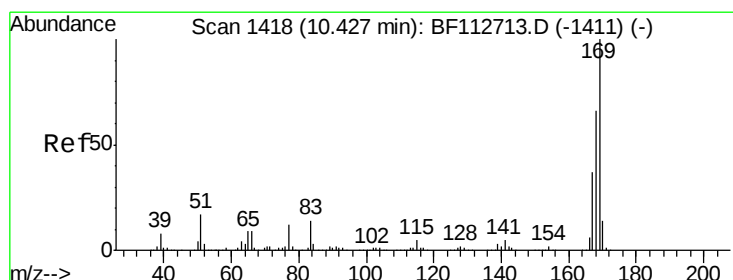
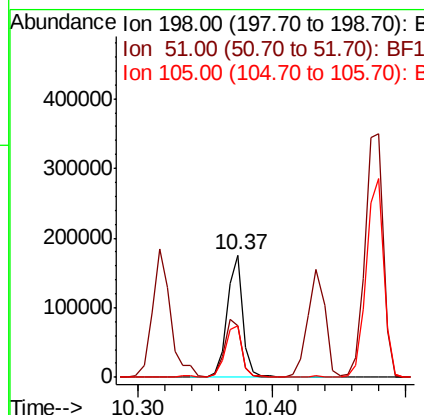
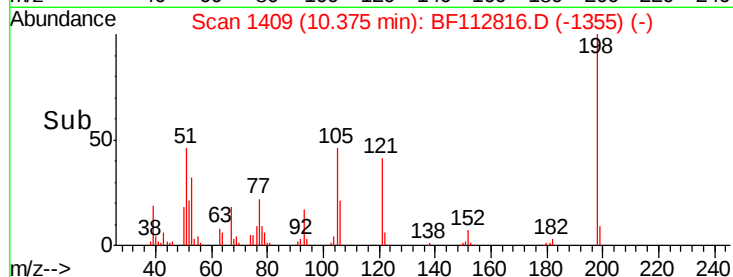
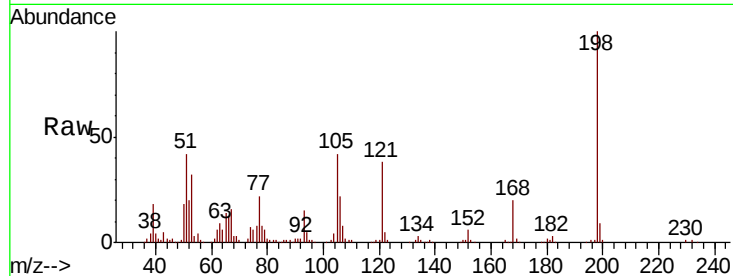
#65
4,6-Dinitro-2-methylphenol
Concen: 47.177 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.02 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	146191		
51	42.2	43.8	83.8#	
105	42.0	36.5	76.5	

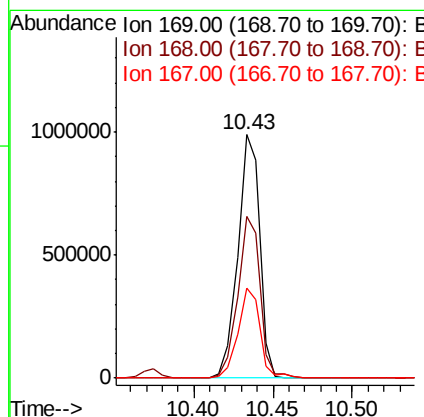
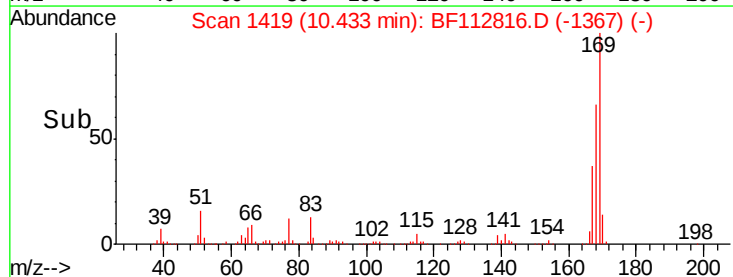
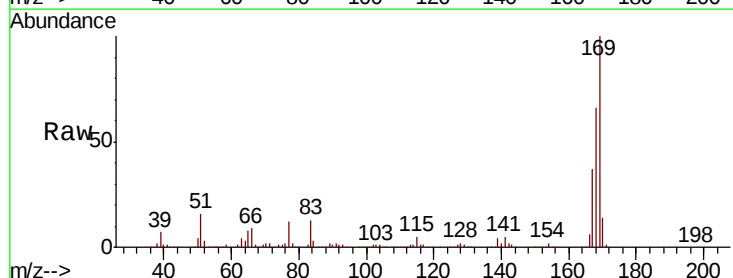
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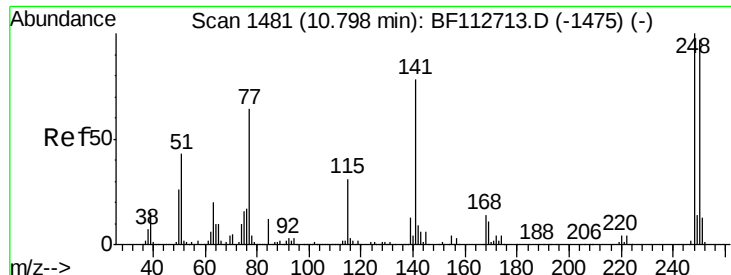
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#66
n-Nitrosodiphenylamine
Concen: 38.922 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	943167		
168	66.3	53.0	79.6	
167	36.7	29.3	43.9	





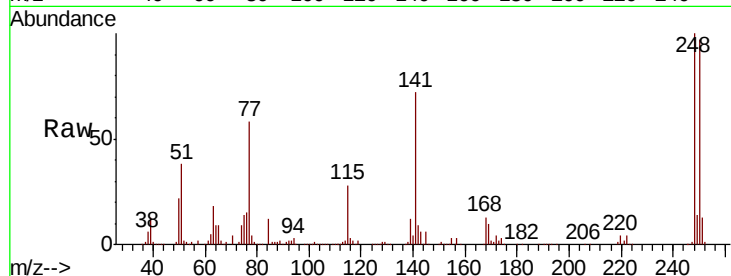
#67
4-Bromophenyl-phenylether
Concen: 42.390 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.5	116.3
141	72.3	62.4	93.6

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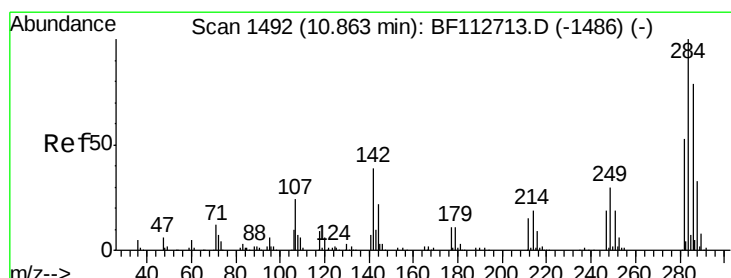
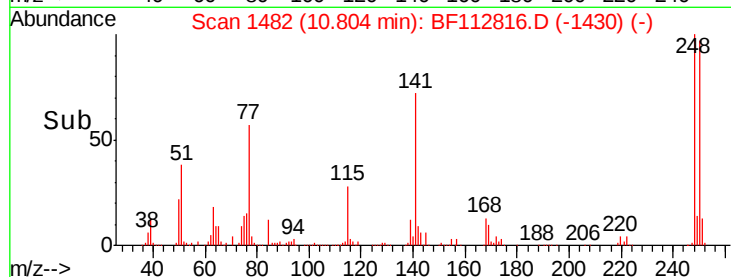
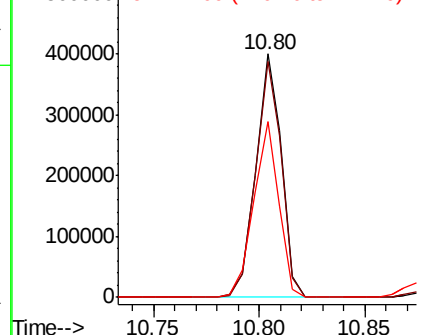


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.510 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

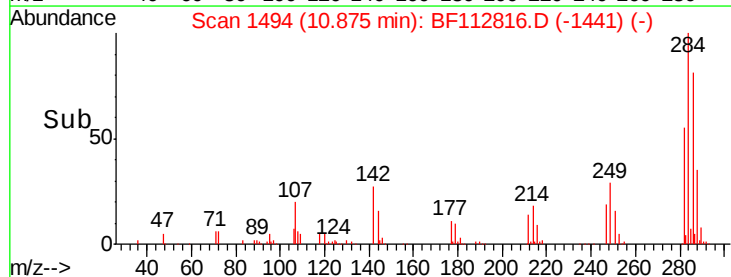
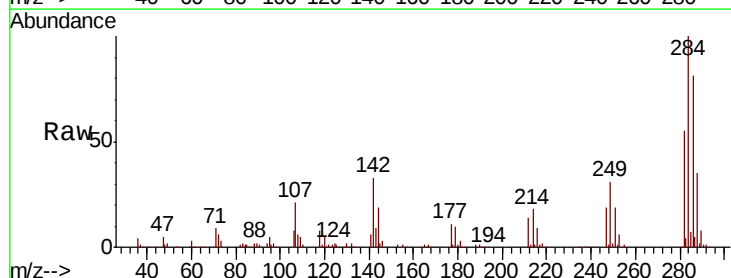
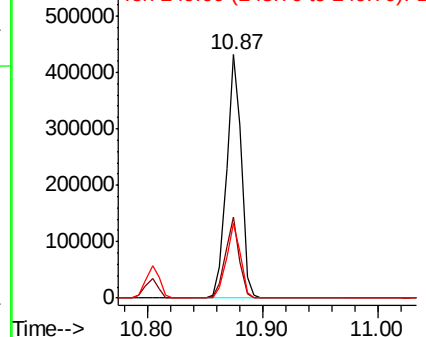
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	31.0	46.6
249	30.7	23.6	35.4

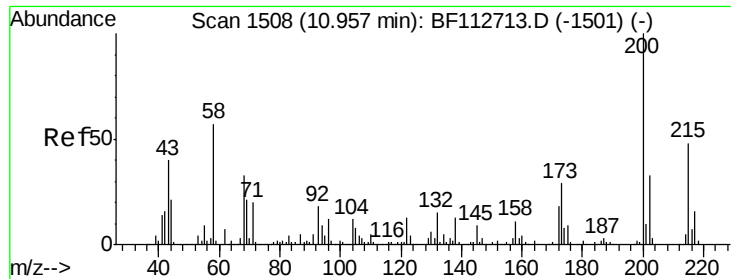
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





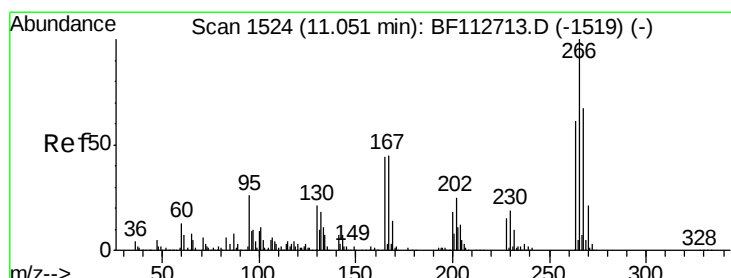
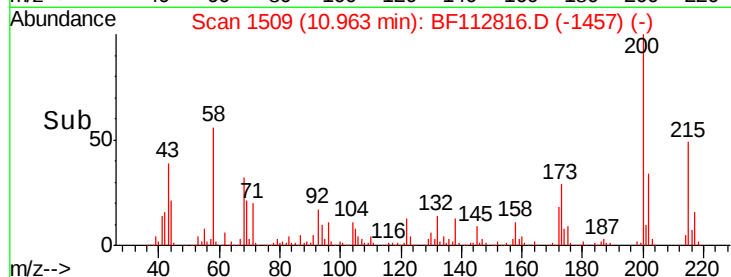
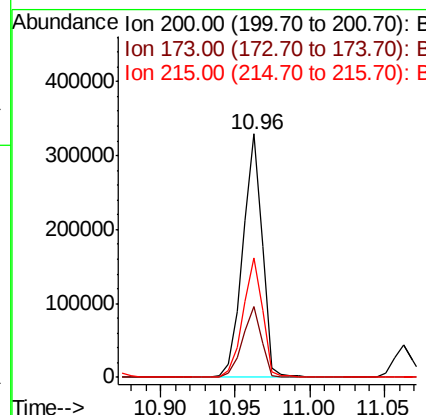
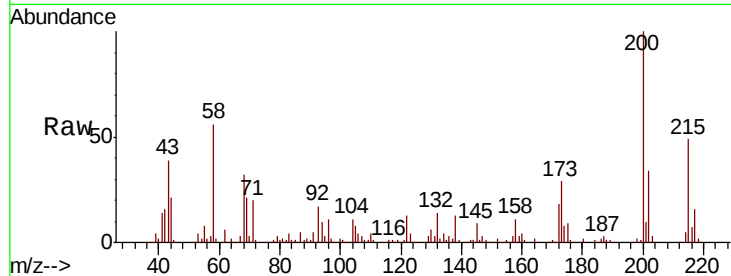
#69
Atrazine
Concen: 40.538 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.3	9.1	49.1
215	49.1	28.2	68.2

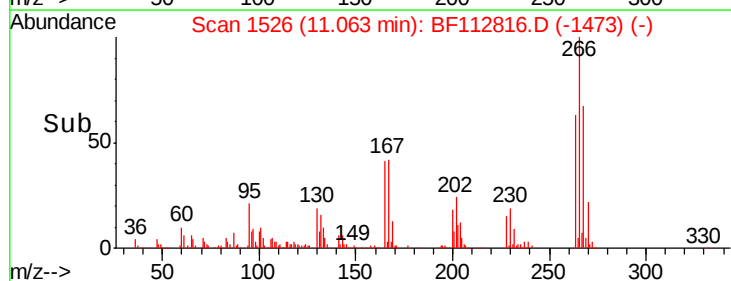
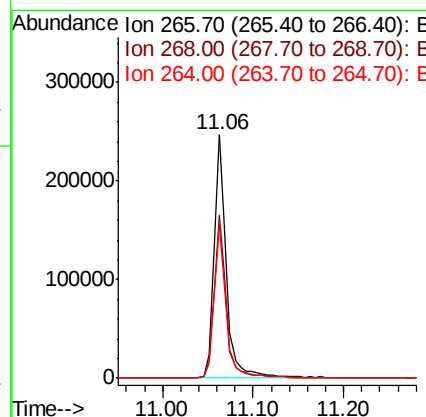
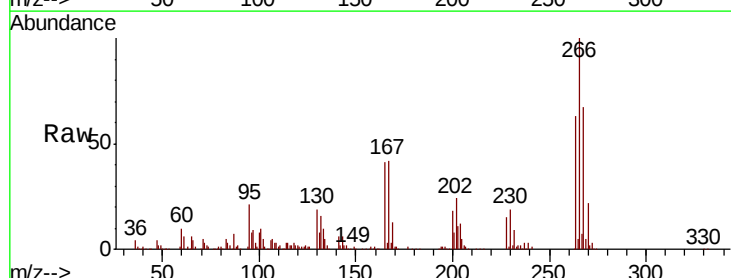
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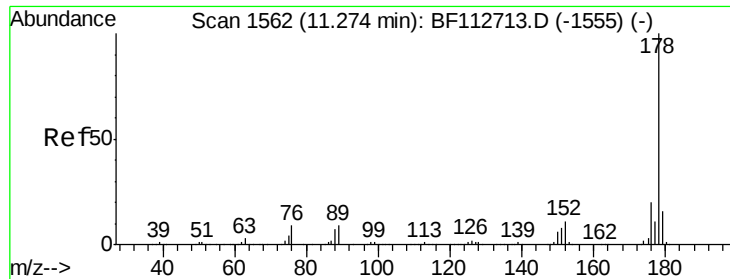
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#70
Pentachlorophenol
Concen: 45.109 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.1	53.3	79.9
264	62.7	48.9	73.3





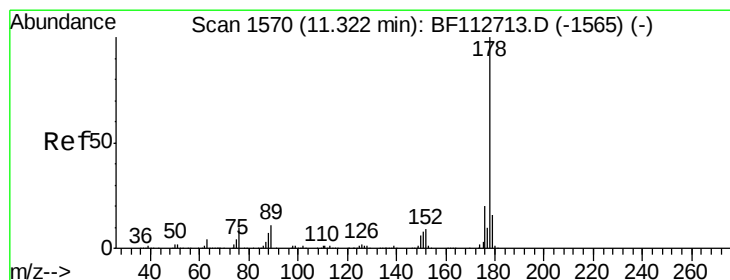
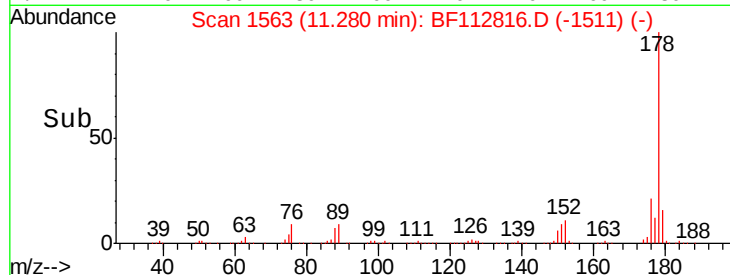
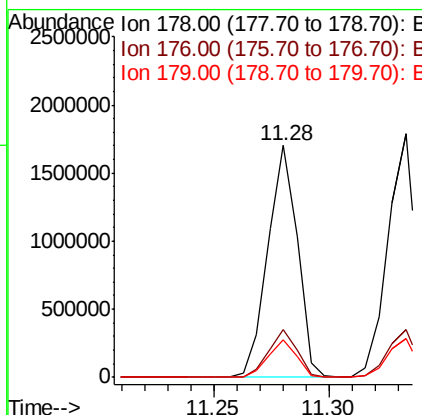
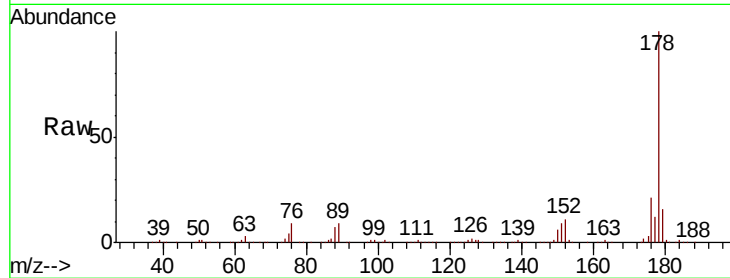
#71
Phenanthrene
Concen: 40.316 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.5	16.3	24.5	
179	16.1	12.7	19.1	

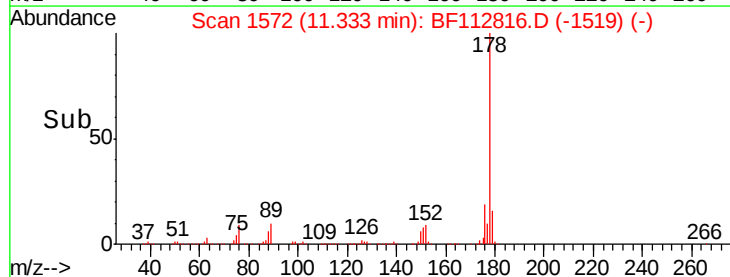
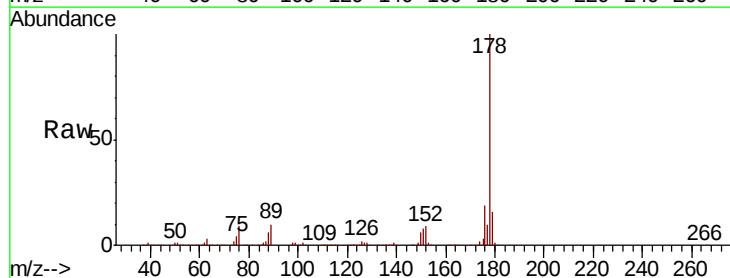
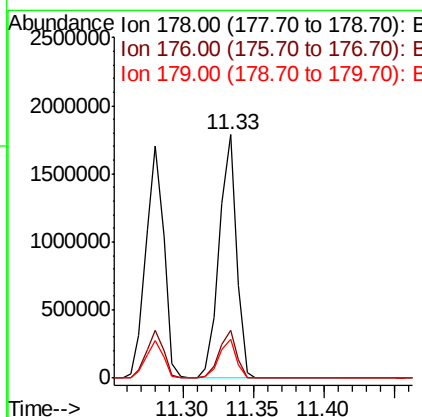
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#72
Anthracene
Concen: 38.814 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

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





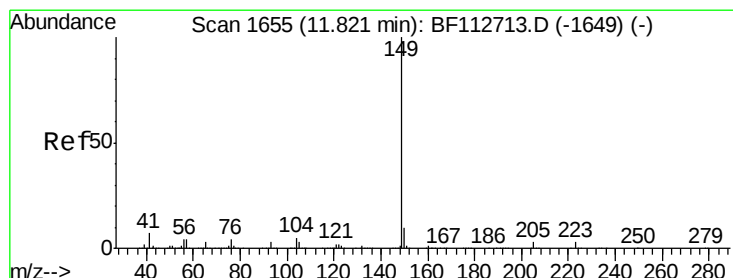
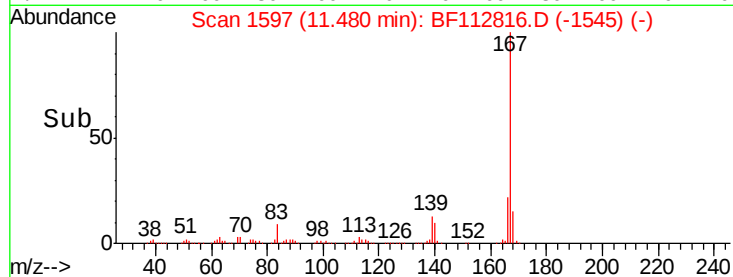
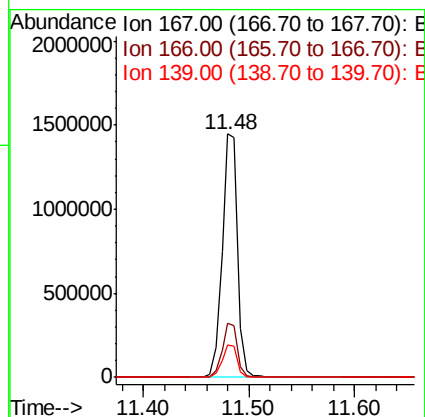
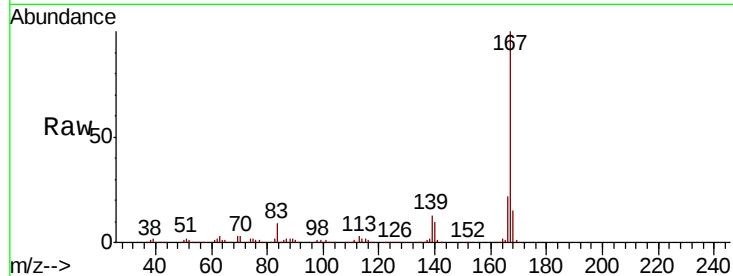
#73
 Carbazole
 Concen: 38.602 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1481835
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.4 10.8 16.2

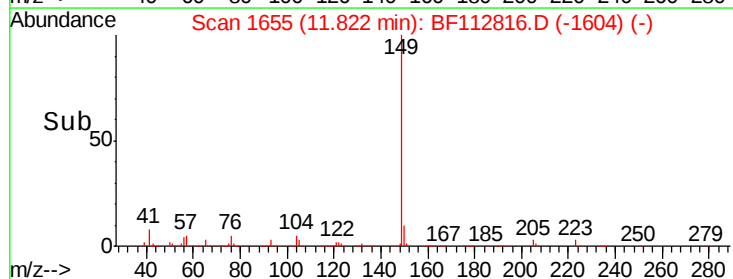
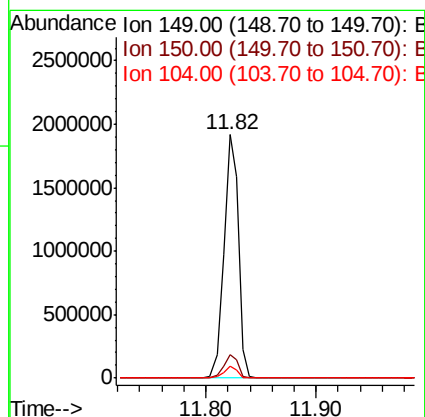
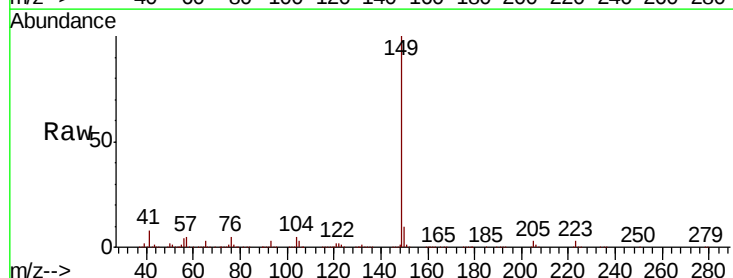
Manual Integrations
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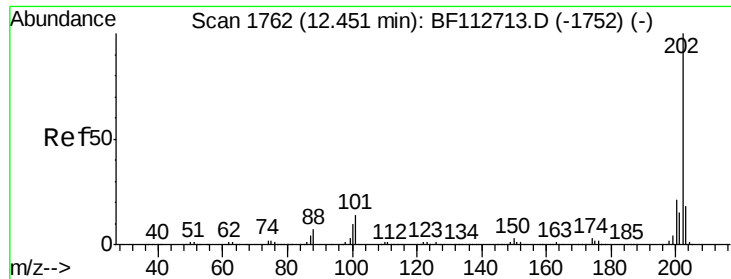
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#74
 Di-n-butylphthalate
 Concen: 37.780 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion:149 Resp: 1738958
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 5.0 3.7 5.5





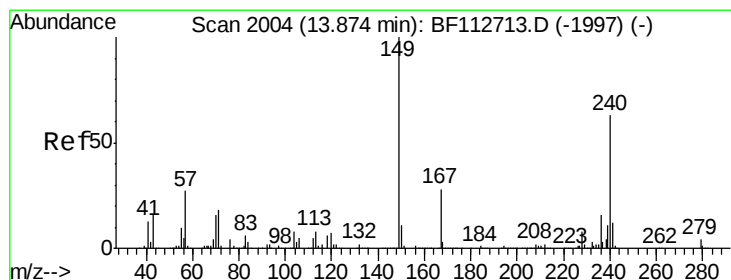
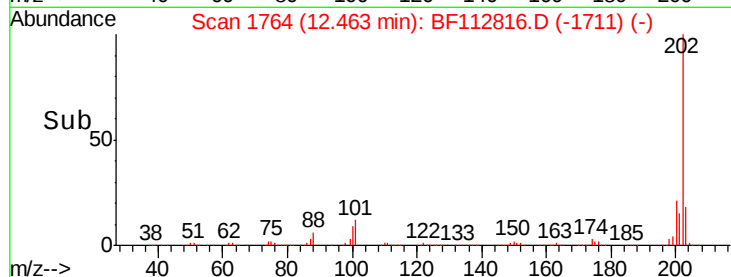
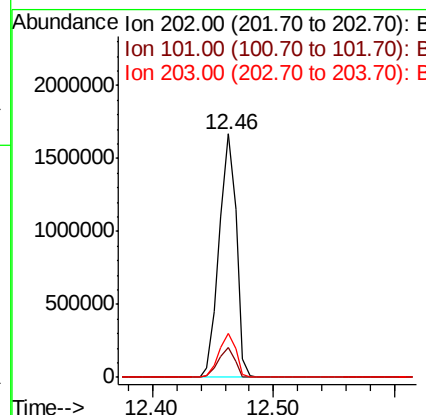
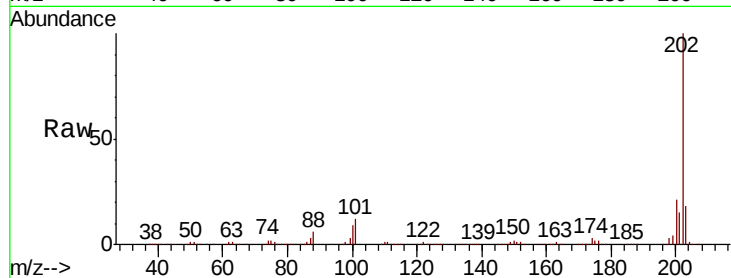
#75
Fluoranthene
Concen: 40.019 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.8
203	18.1	0.0	38.4

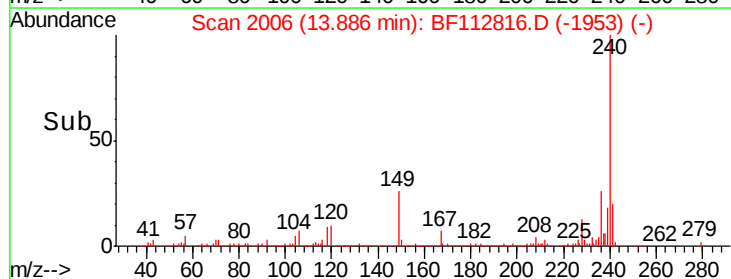
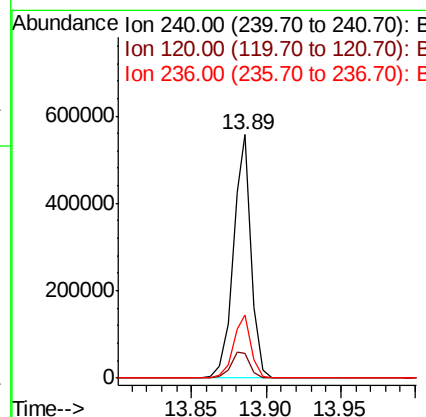
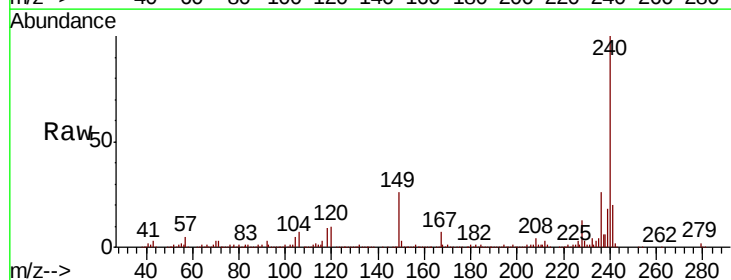
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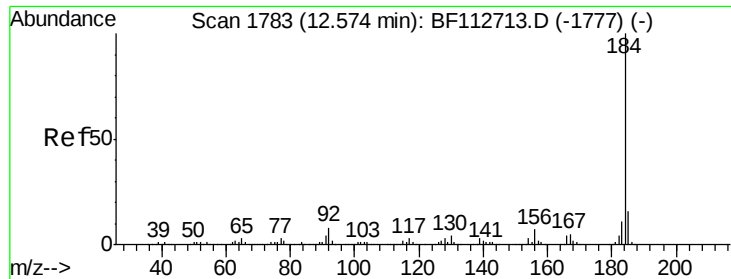
Sohil
3/5/2019 11:00:29 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	26.1	20.7	31.1





#77

Benzidine

Concen: 34.716 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

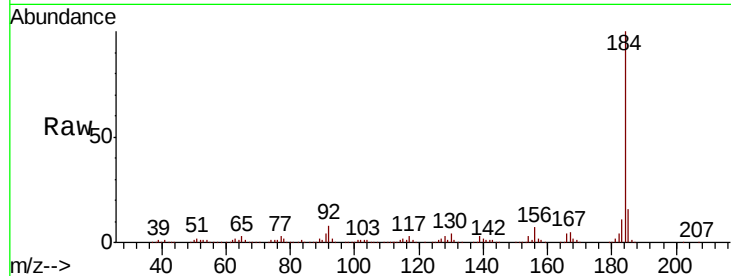
ClientSampleId :

SSTDCCC040

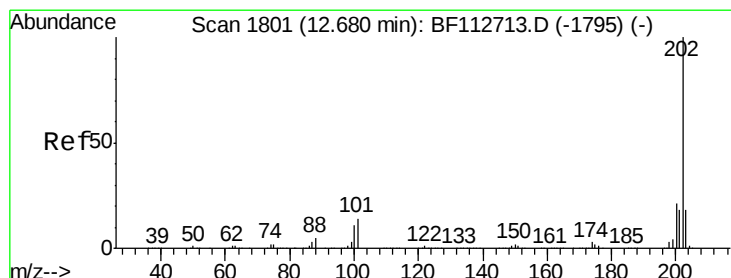
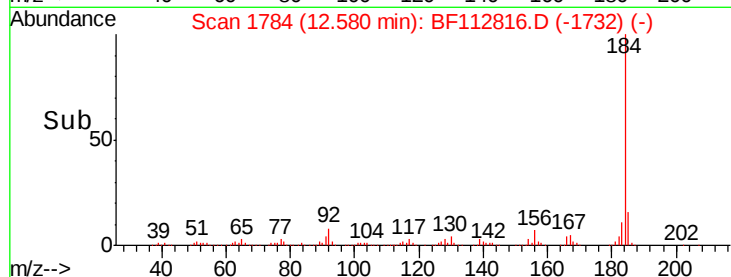
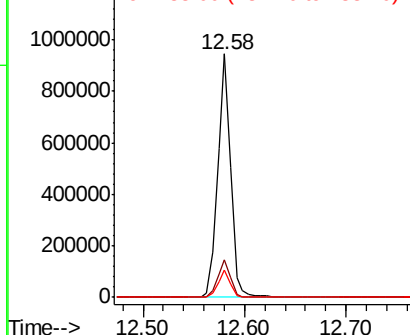
Tot Ion:	184	Resp:	840261
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	11.1	8.6	12.8

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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: 41.124 ng

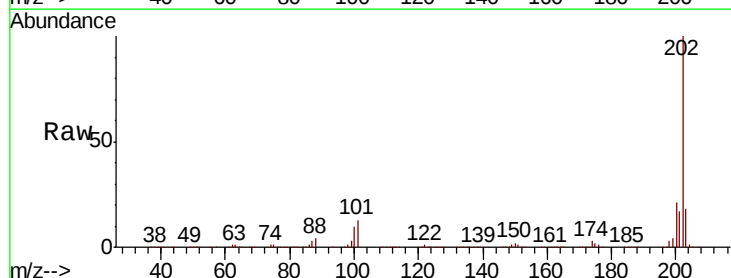
RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

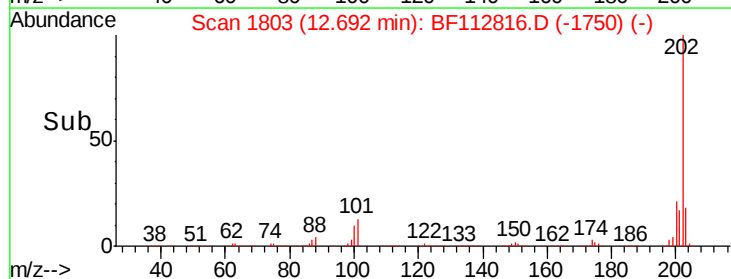
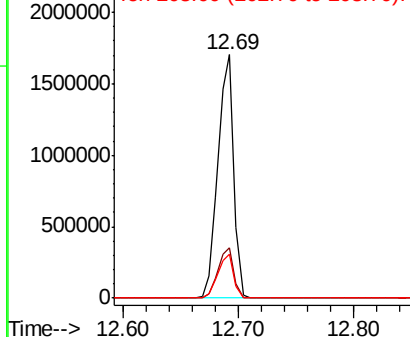
Lab File: BF112816.D

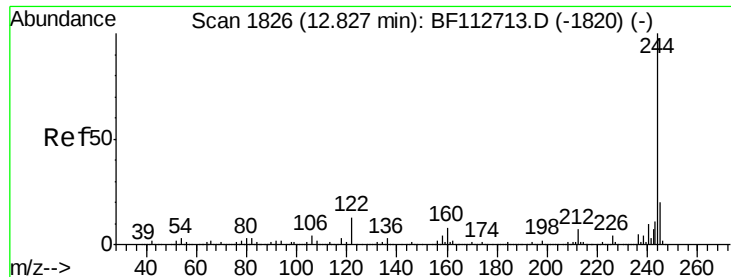
Acq: 4 Mar 2019 11:32

Tgt Ion:	202	Resp:	1617359
Ion Ratio	Lower	Upper	
202	100		
200	20.6	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





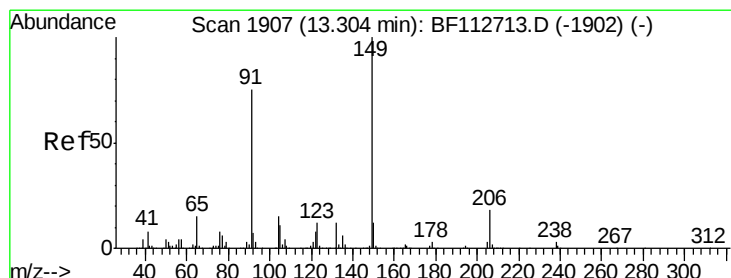
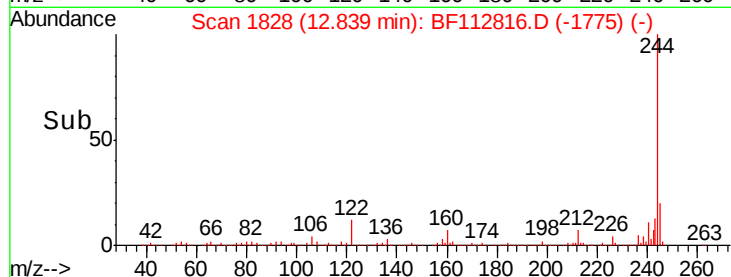
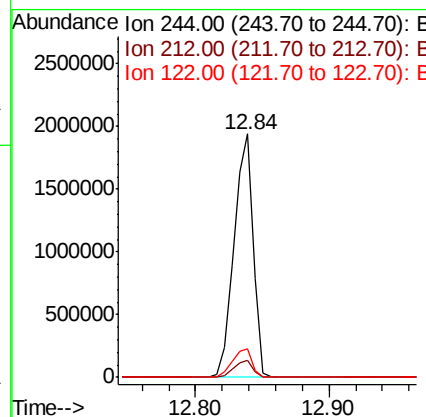
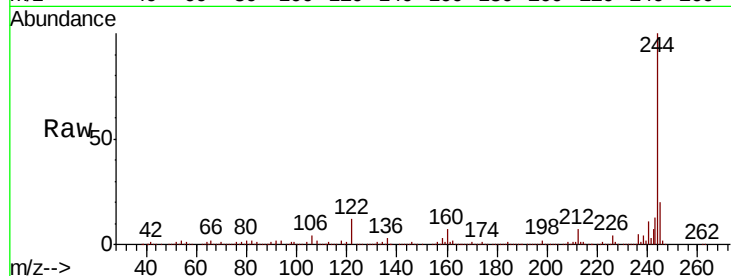
#79
 Terphenyl-d14
 Concen: 81.681 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.7	10.5	15.7

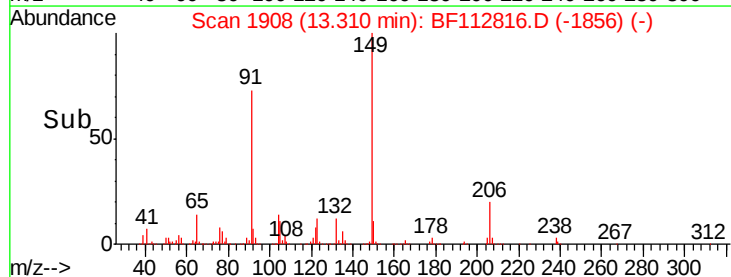
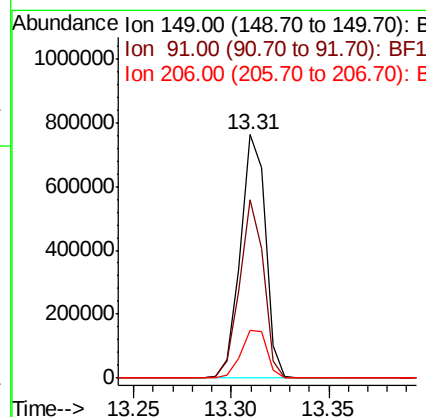
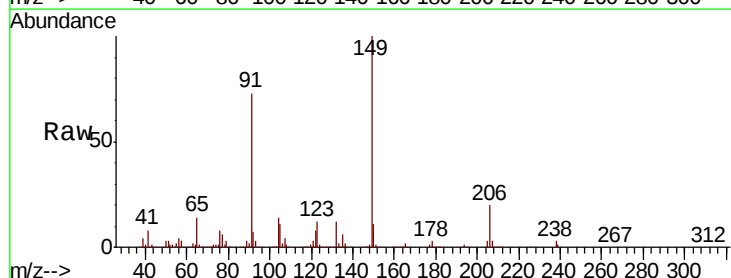
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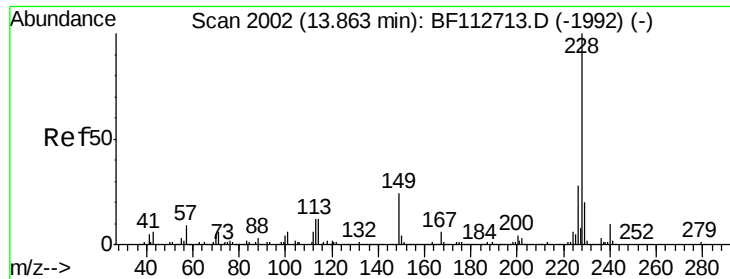
Sohil
 3/5/2019 11:00:29 AM



#80
 Butylbenzylphthalate
 Concen: 39.222 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.1	59.9	89.9
206	19.8	14.7	22.1





#81

Benzo(a)anthracene

Concen: 36.897 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

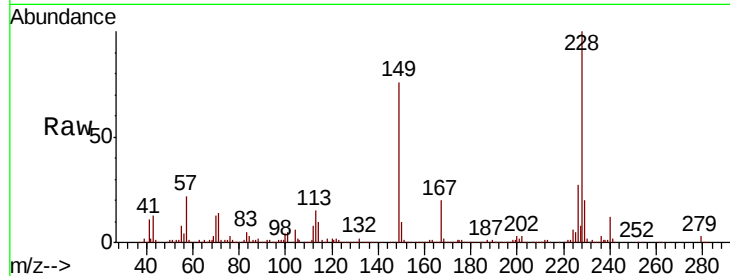
ClientSampleId :

SSTDCCC040

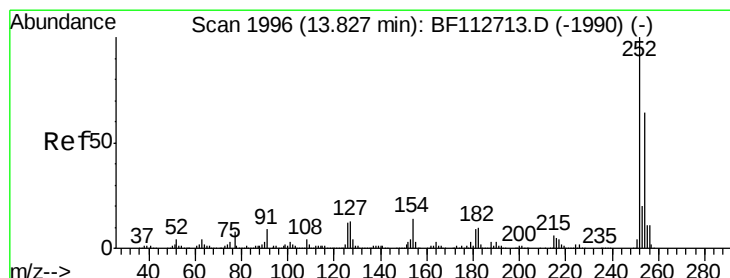
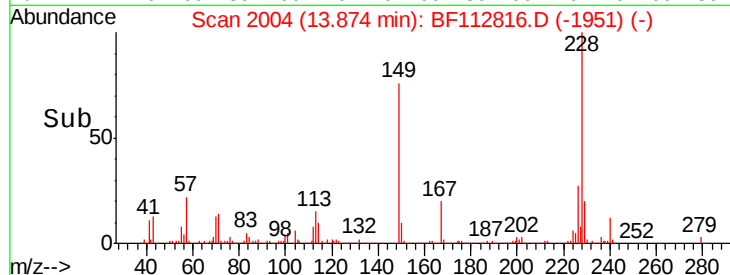
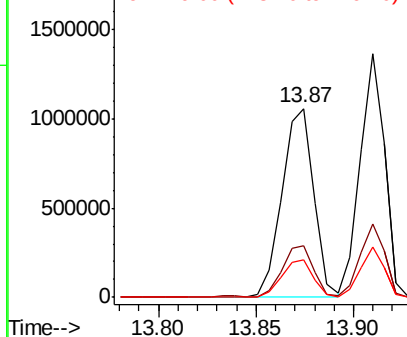
Tot Ion:	228	Resp:	1192974
Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.4
229	20.1	16.0	24.0

Manual Integrations
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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: 40.134 ng

RT: 13.84 min Scan# 1998

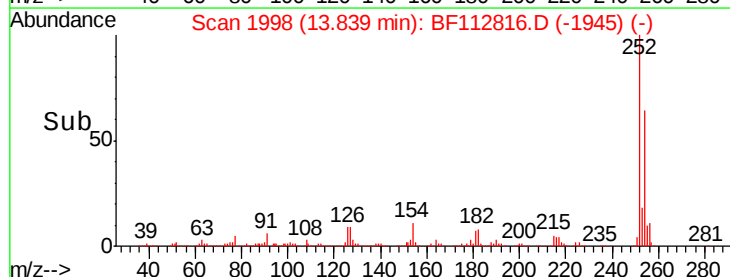
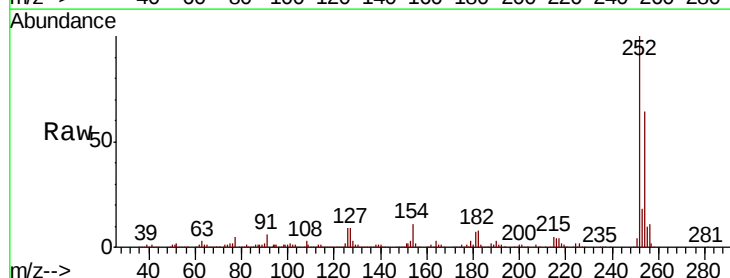
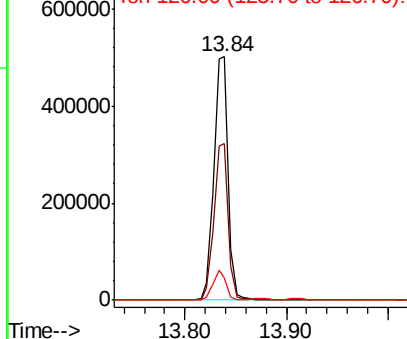
Delta R.T. 0.01 min

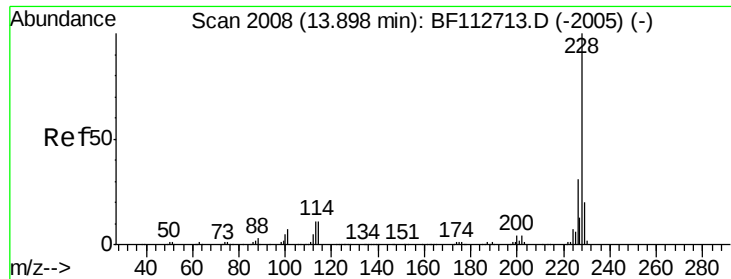
Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Tgt Ion:	252	Resp:	490774
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.1	76.7
126	9.4	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





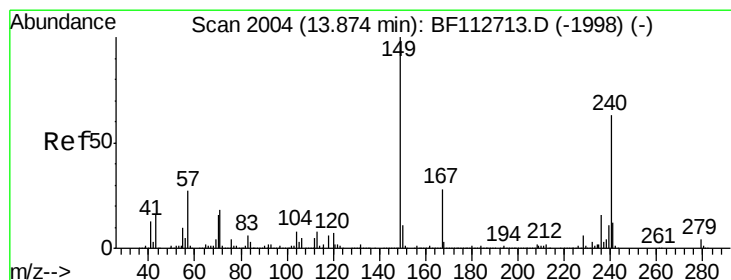
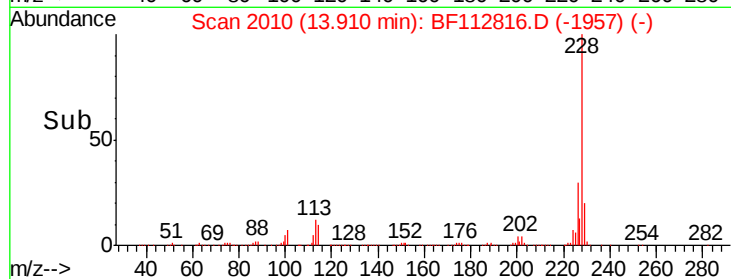
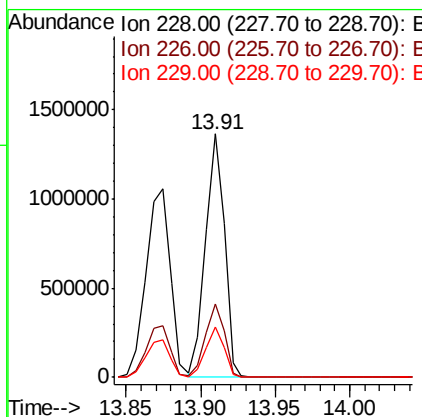
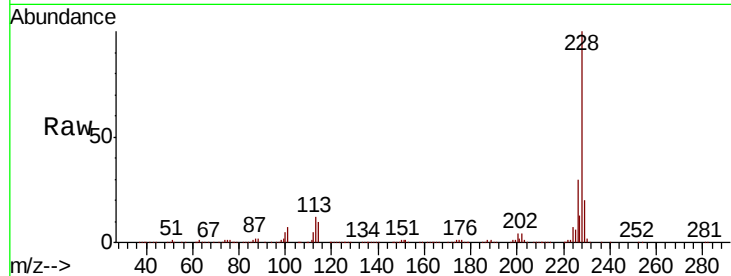
#83
 Chrysene
 Concen: 37.602 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.4	16.3	24.5

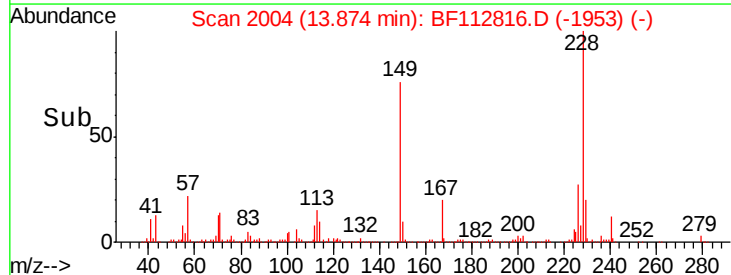
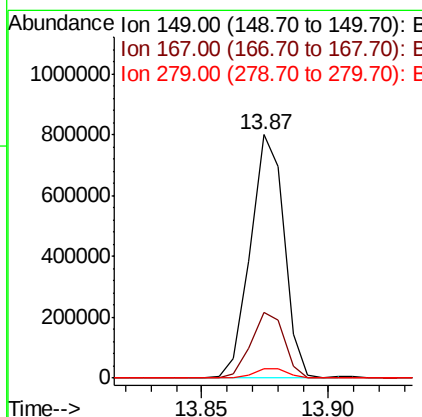
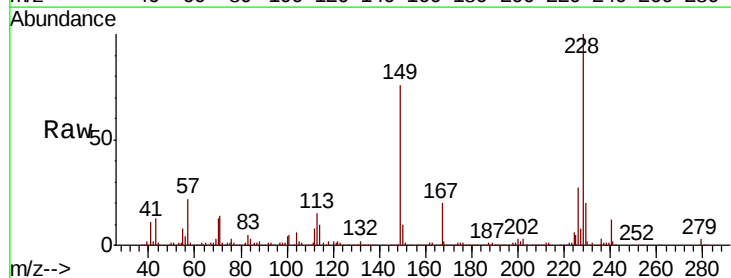
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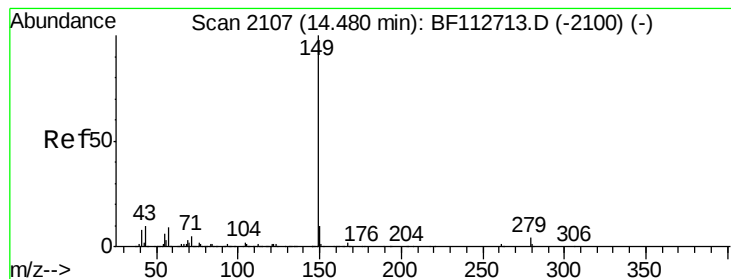
Sohil
 3/5/2019 11:00:29 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.539 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF112816.D
 Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.4	33.6
279	3.7	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 36.181 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1265055

Ion Ratio Lower Upper

149 100

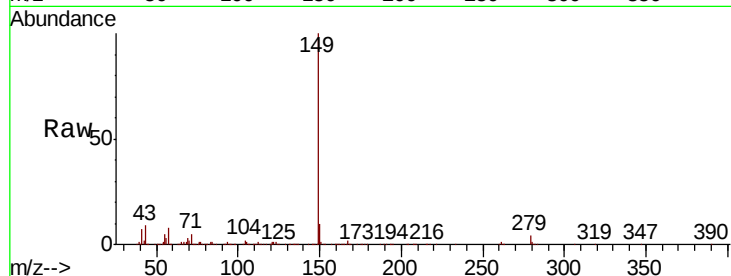
167 1.5 1.2 1.8

43 10.1 9.0 13.4

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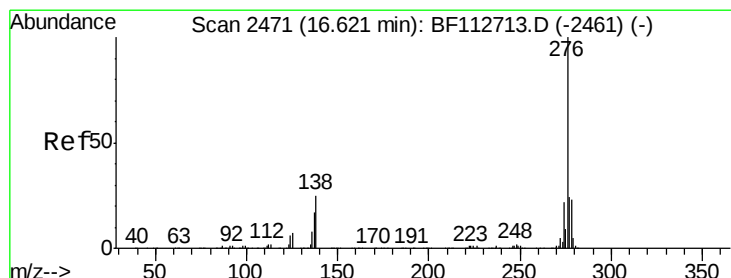
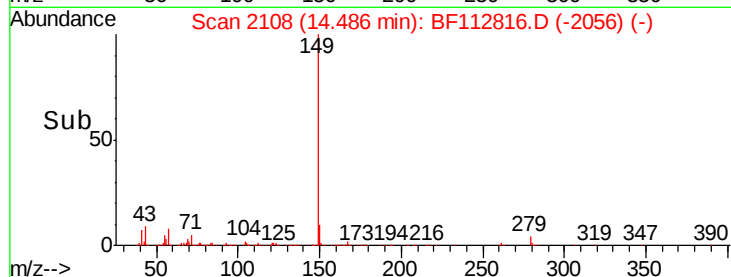
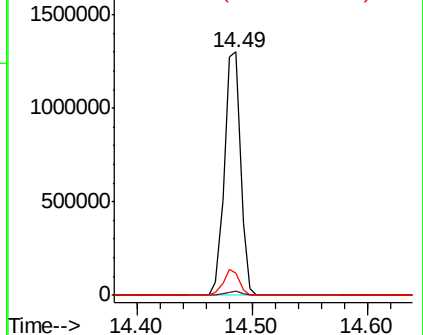
3/5/2019 11:00:29 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.504 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.04 min

Lab File: BF112816.D

Acq: 4 Mar 2019 11:32

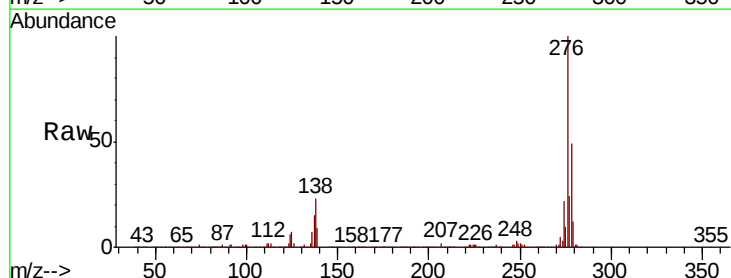
Tgt Ion:276 Resp: 1174621

Ion Ratio Lower Upper

276 100

138 24.2 23.2 34.8

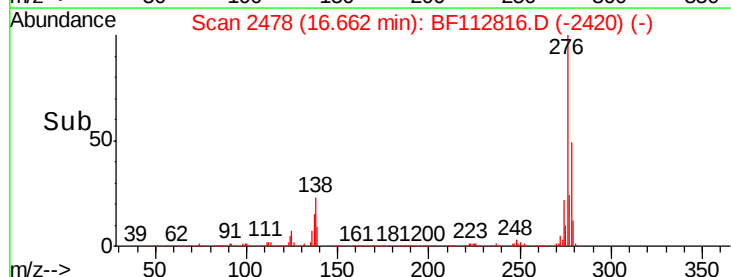
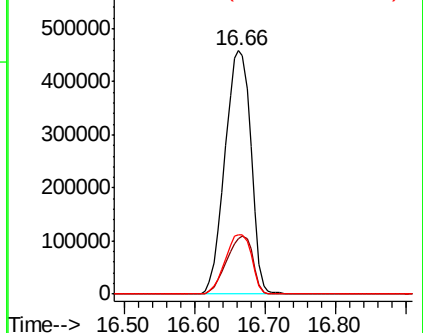
277 24.9 19.9 29.9

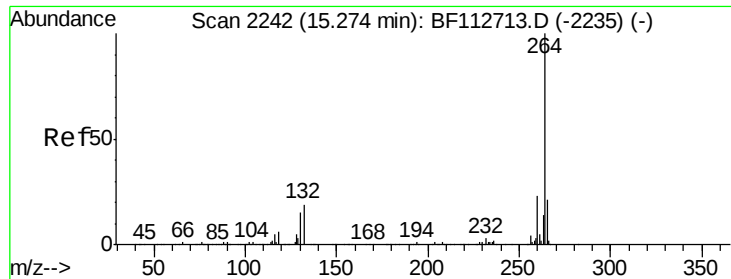


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





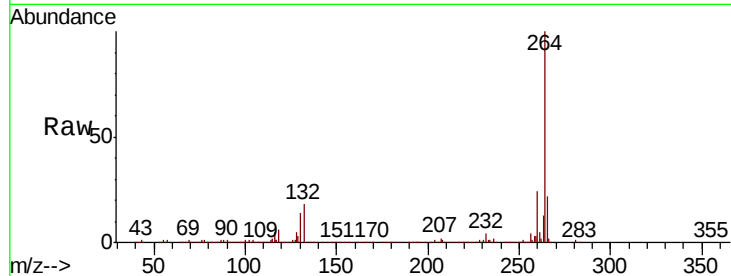
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.7	17.2	25.8

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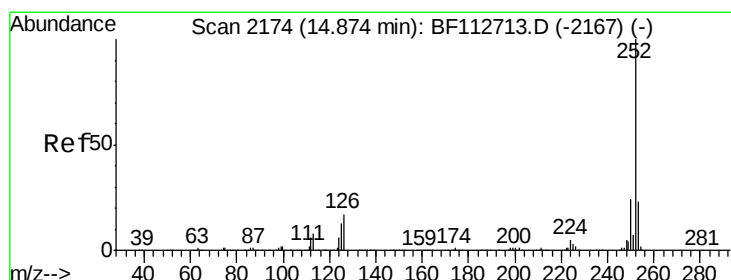
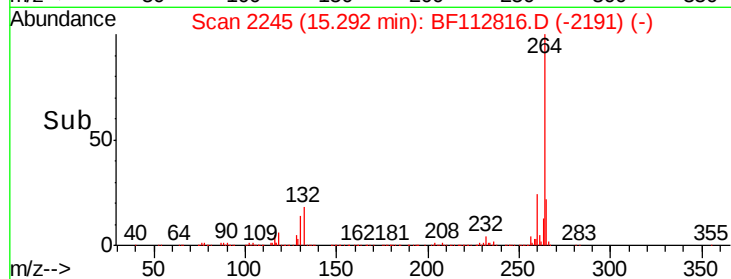
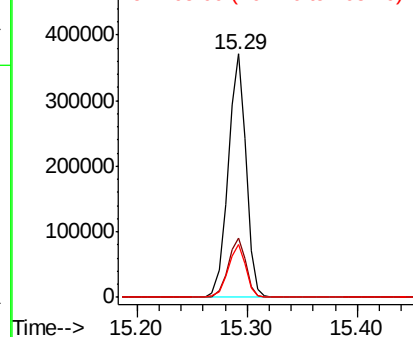


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 38.848 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

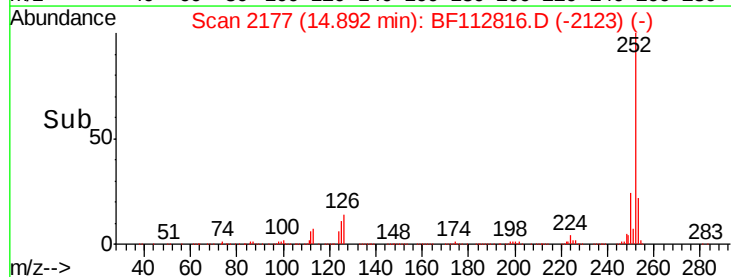
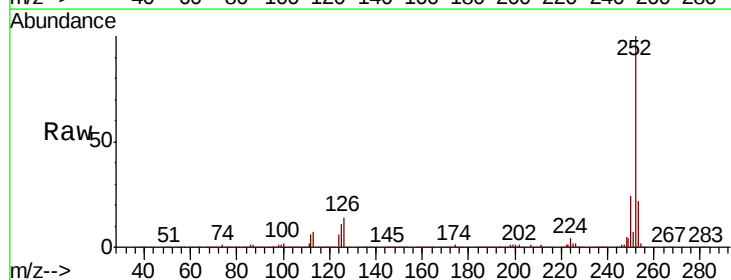
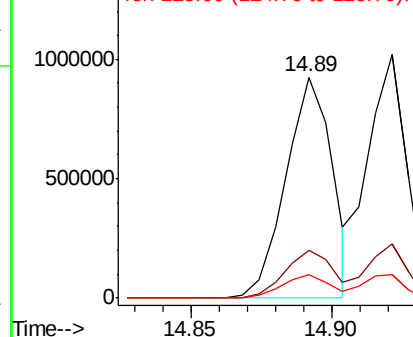
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.7	10.2	15.2

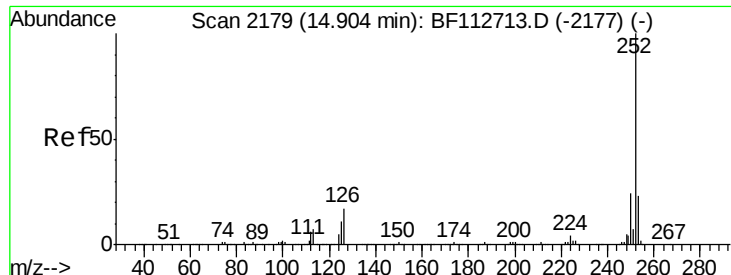
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





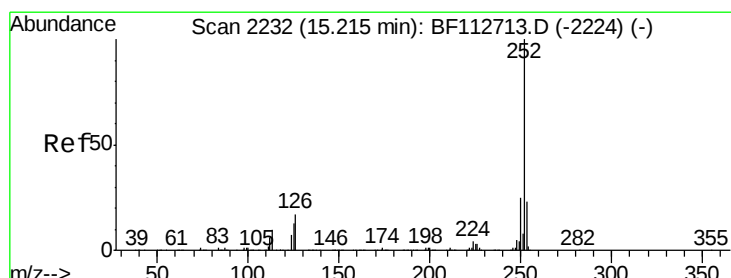
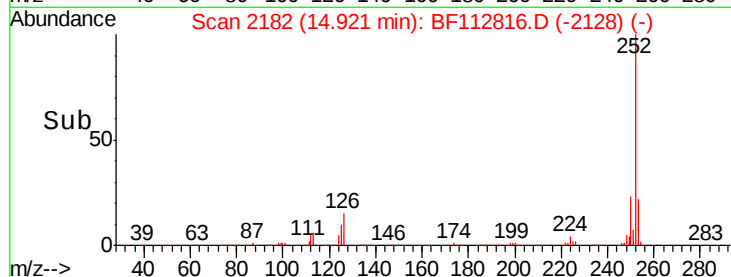
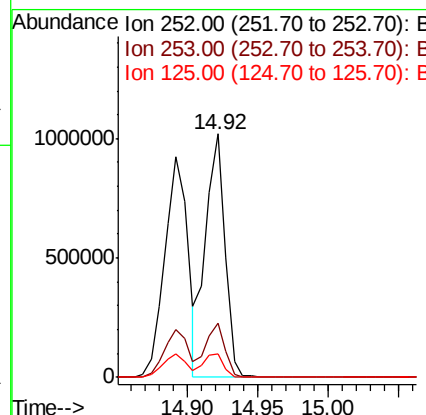
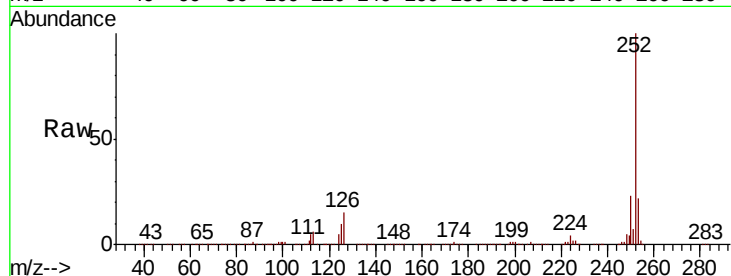
#89
Benzo(k)fluoranthene
Concen: 39.628 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.8	9.8	14.6

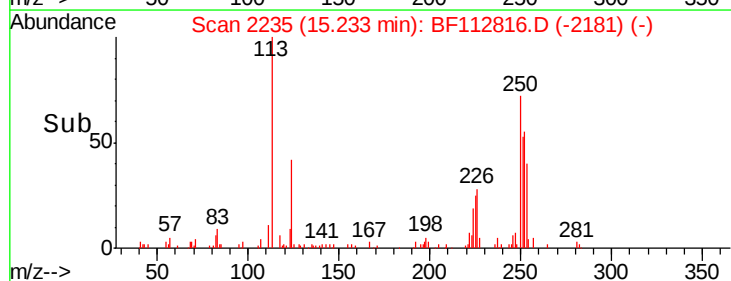
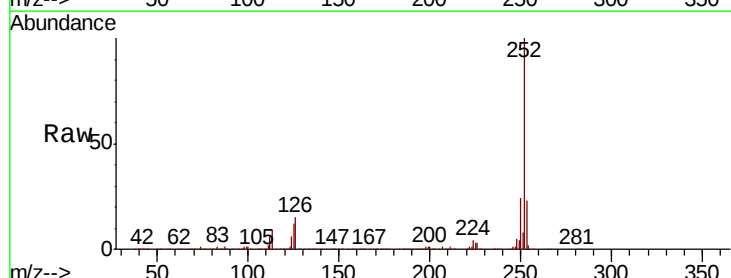
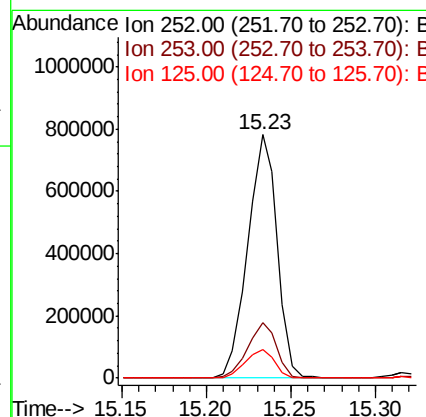
Manual Integrations
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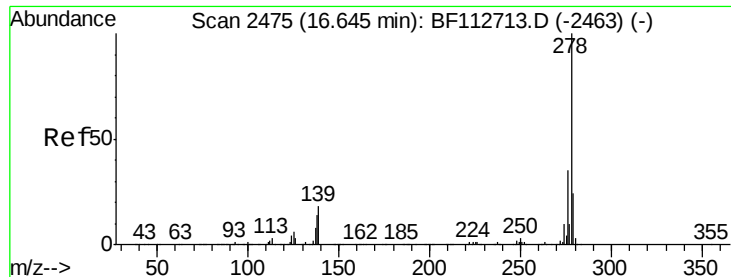
Sohil
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#90
Benzo(a)pyrene
Concen: 39.509 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.7	10.7	16.1





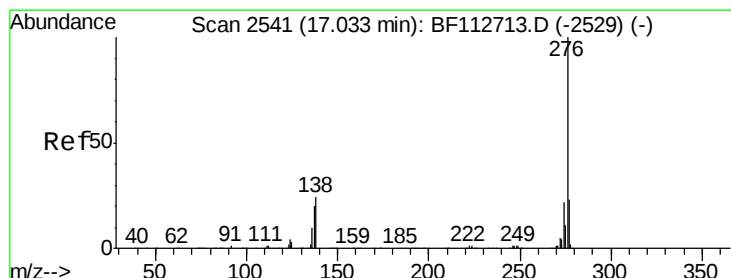
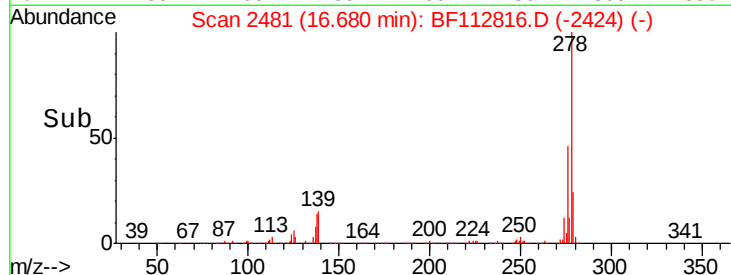
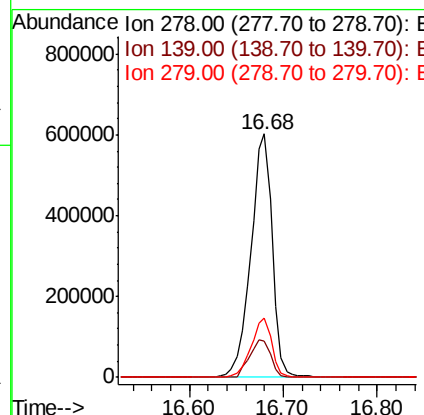
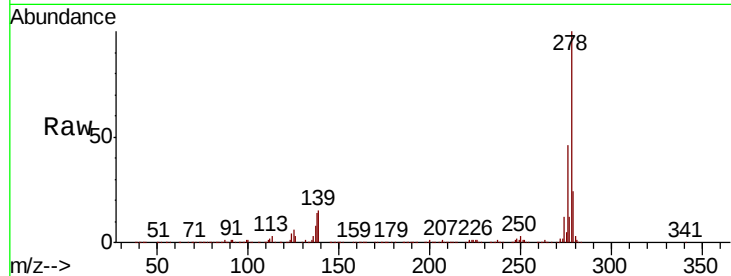
#91
Dibenzo(a,h)anthracene
Concen: 46.227 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.04 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	14.3	21.5
279	24.1	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/5/2019 11:00:29 AM



#92
Benzo(g,h,i)perylene
Concen: 47.751 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.04 min
Lab File: BF112816.D
Acq: 4 Mar 2019 11:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	21.2	19.4	29.0

