

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111349.D
 Acq On : 13 Dec 2018 4:24
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:07:18 PM

Quant Time: Dec 13 04:59:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	236111	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	877547	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	359745	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	581908	20.00	ng	0.00
76) Chrysene-d12	13.96	240	351213	20.00	ng	0.00
87) Perylene-d12	15.39	264	331948	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1156931	82.86	ng	0.00
7) Phenol-d6	6.43	99	1506931	80.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	1258447	80.83	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	214755	67.72	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1987036	88.68	ng	0.00
79) Terphenyl-d14	12.90	244	1477114	92.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	275511	39.503	ng	99
3) Pyridine	3.21	79	686201	40.051	ng	99
4) n-Nitrosodimethylamine	3.15	42	300324	37.576	ng	92
6) Aniline	6.46	93	1022921	44.916	ng	99
8) 2-Chlorophenol	6.58	128	680433	39.648	ng	99
9) Benzaldehyde	6.34	77	462562	44.735	ng	99
10) Phenol	6.45	94	860472	40.350	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	688428	41.035	ng	98
12) 1,3-Dichlorobenzene	6.74	146	747988	40.261	ng	99
13) 1,4-Dichlorobenzene	6.82	146	739231	39.306	ng	100
14) 1,2-Dichlorobenzene	6.97	146	695937	39.999	ng	98
15) Benzyl Alcohol	6.93	79	530424	36.796	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1236570	38.046	ng	100
17) 2-Methylphenol	7.05	107	534748	38.561	ng	99
18) Hexachloroethane	7.31	117	177512	25.423	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	455077	36.378	ng	97
20) 3+4-Methylphenols	7.20	107	619672	37.470	ng	# 90
22) Acetophenone	7.20	105	847437	41.573	ng	# 93
24) Nitrobenzene	7.37	77	649337	40.490	ng	99
25) Isophorone	7.62	82	1076416	40.701	ng	99
26) 2-Nitrophenol	7.69	139	120666	15.308	ng	95
27) 2,4-Dimethylphenol	7.73	122	490388	40.981	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	763502	42.060	ng	99
29) 2,4-Dichlorophenol	7.94	162	475896	38.125	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	516398	40.263	ng	98
31) Naphthalene	8.10	128	1655568	40.493	ng	96
32) Benzoic acid	7.86	122	105478	10.604	ng	98
33) 4-Chloroaniline	8.15	127	722781	41.394	ng	98
34) Hexachlorobutadiene	8.23	225	285829	40.171	ng	99
35) Caprolactam	8.52	113	163227	37.319	ng	90
36) 4-Chloro-3-methylphenol	8.63	107	484447	36.420	ng	96
37) 2-Methylnaphthalene	8.79	142	999337	37.811	ng	99
38) 1-Methylnaphthalene	8.89	142	964456	37.809	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	433203	42.840	ng	98

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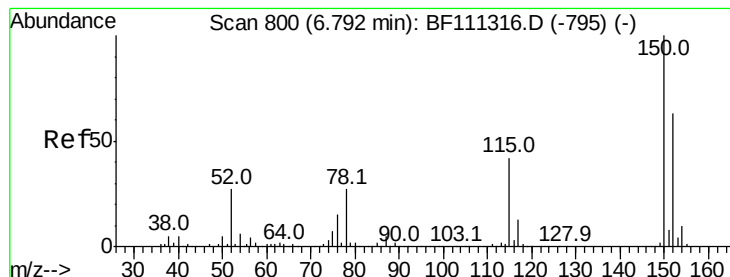
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	15576	2.950	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	279667	38.640	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	282891	36.983	nq	98
46) 1,1'-Biphenyl	9.26	154	1295768	42.215	nq	95
47) 2-Chloronaphthalene	9.28	162	982762	41.808	nq	96
48) 2-Nitroaniline	9.37	65	328961	43.065	nq	95
49) Acenaphthylene	9.69	152	1427473	41.565	nq	95
50) Dimethylphthalate	9.55	163	1113482	43.042	nq	99
51) 2,6-Dinitrotoluene	9.61	165	150946	26.323	nq	91
52) Acenaphthene	9.87	154	830423	38.336	nq	97
53) 3-Nitroaniline	9.78	138	337809	49.011	nq	95
54) 2,4-Dinitrophenol	9.89	184	860	0.382	nq	# 1
55) Dibenzofuran	10.04	168	1287527	41.173	nq	95
56) 4-Nitrophenol	9.94	139	141813	28.571	nq	94
57) 2,4-Dinitrotoluene	10.02	165	163752	22.281	nq	91
58) Fluorene	10.38	166	811697	36.285	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	201387	34.081	nq	99
60) Diethylphthalate	10.26	149	1030542	39.569	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	417221	37.622	nq	96
62) 4-Nitroaniline	10.39	138	291332	43.974	nq	95
63) Azobenzene	10.53	77	965580	36.771	nq	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	2223	0.665	nq	# 75
66) n-Nitrosodiphenylamine	10.49	169	843686	40.759	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	257028	39.677	nq	98
68) Hexachlorobenzene	10.93	284	257821	38.650	nq	97
69) Atrazine	11.02	200	179986	30.064	nq	99
70) Pentachlorophenol	11.12	266	124700m	28.092	nq	
71) Phenanthrene	11.34	178	1250155	41.564	nq	95
72) Anthracene	11.39	178	1288817	42.082	nq	95
73) Carbazole	11.55	167	1334399	42.139	nq	96
74) Di-n-butylphthalate	11.88	149	1551374	43.026	nq	96
75) Fluoranthene	12.53	202	1196218	40.740	nq	99
77) Benzidine	12.65	184	767761	115.837	nq	97
78) Pyrene	12.76	202	1184073	43.684	nq	96
80) Butylbenzylphthalate	13.38	149	614942	47.251	nq	90
81) Benzo(a)anthracene	13.94	228	781890	39.789	nq	97
82) 3,3'-Dichlorobenzidine	13.90	252	364821	49.089	nq	100
83) Chrysene	13.98	228	807906	40.297	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	780057	49.029	nq	98
85) Di-n-octyl phthalate	14.55	149	1232625	47.183	nq	98
86) Indeno(1,2,3-cd)pyrene	16.81	276	662090	42.223	nq	100
88) Benzo(b)fluoranthene	14.98	252	698554	37.008	nq	99
89) Benzo(k)fluoranthene	15.00	252	684537	36.332	nq	99
90) Benzo(a)pyrene	15.33	252	699045	39.775	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	580290	39.685	nq	96
92) Benzo(g,h,i)perylene	17.23	276	500906	34.263	nq	99

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



#1

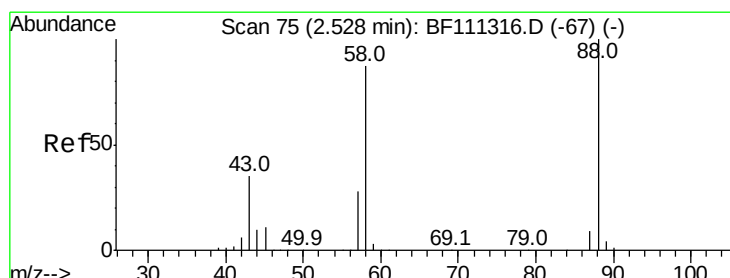
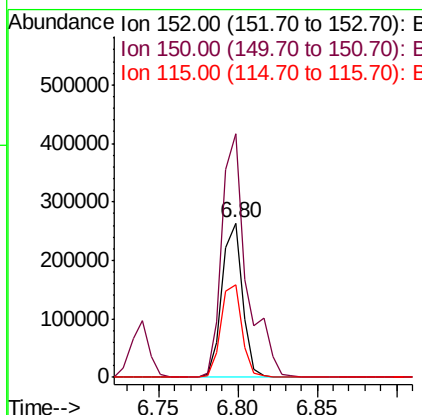
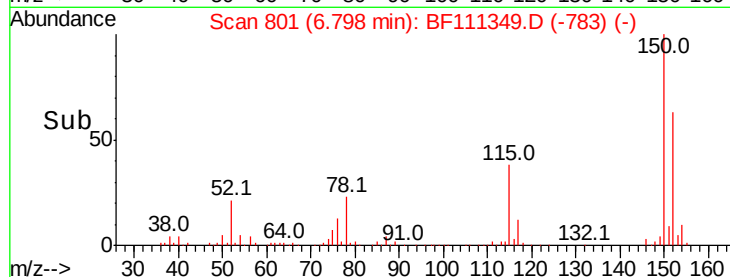
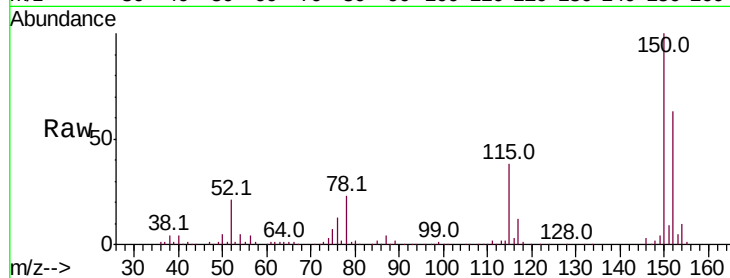
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	59.7	50.7	76.1

Manual Integrations
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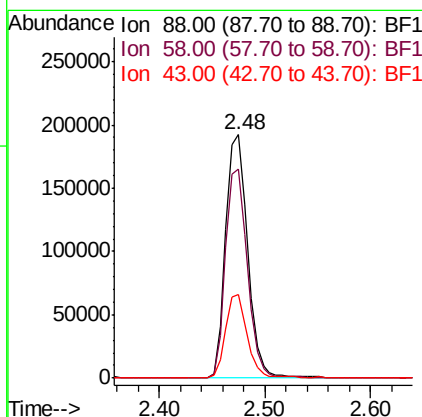
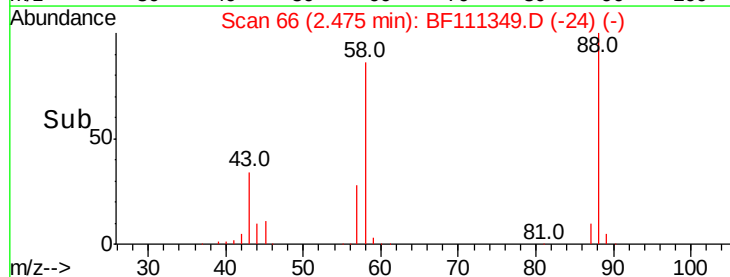
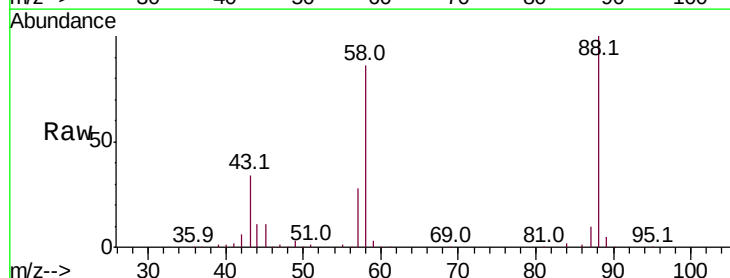
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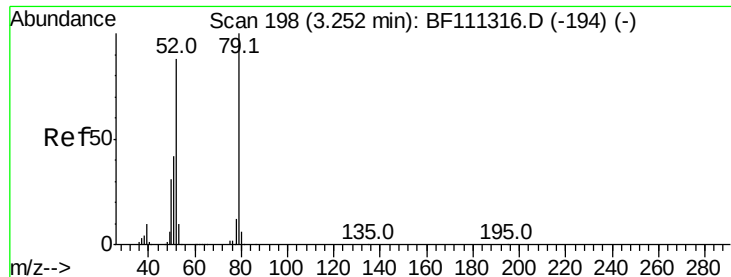


#2

1,4-Dioxane
Concen: 39.503 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.05 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	68.9	103.3
43	33.3	25.8	38.6





#3

Pvridine

Concen: 40.051 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.04 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

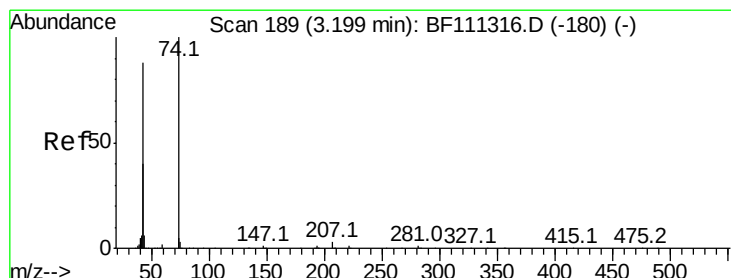
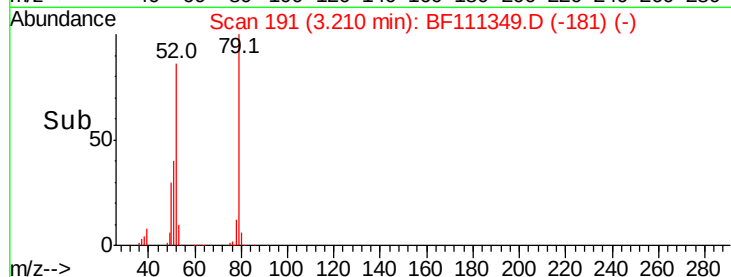
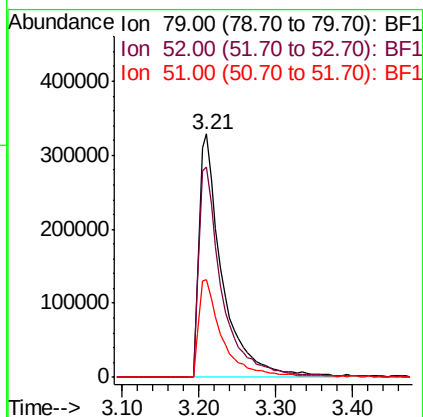
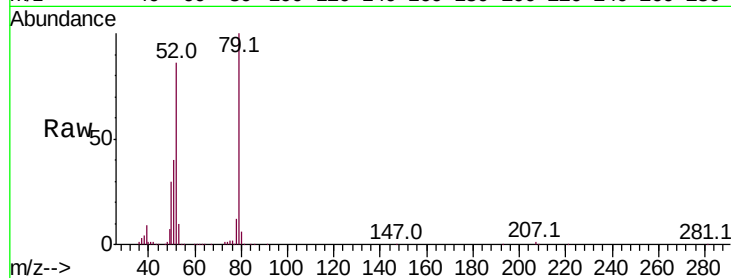
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	686201
Ion Ratio	Lower	Upper	
79	100		
52	86.3	68.3	102.5
51	40.2	32.6	49.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.576 ng

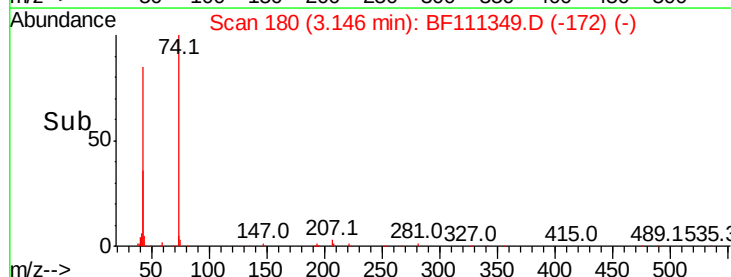
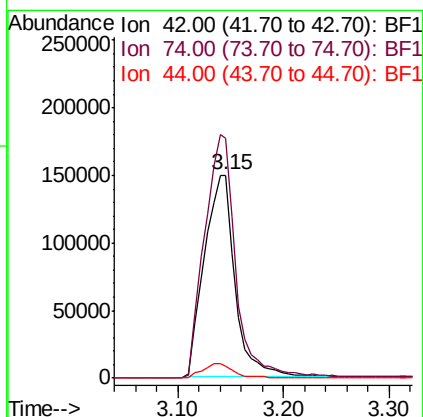
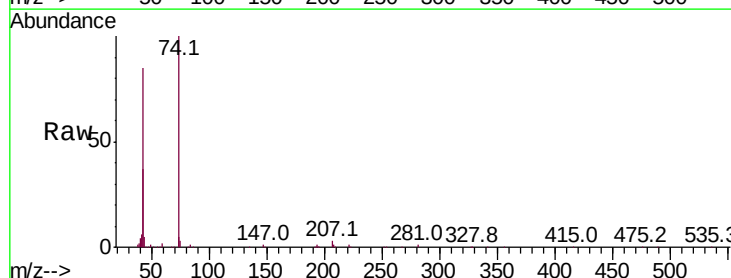
RT: 3.15 min Scan# 180

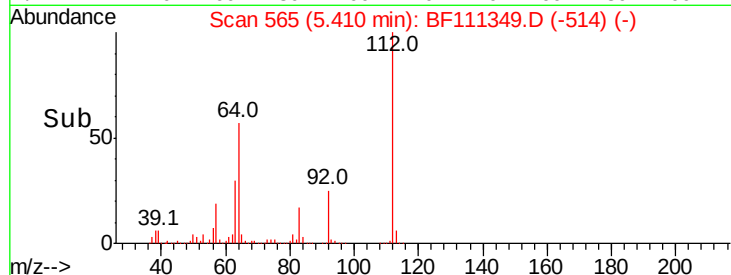
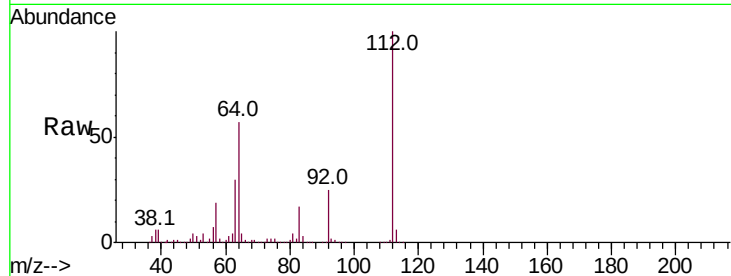
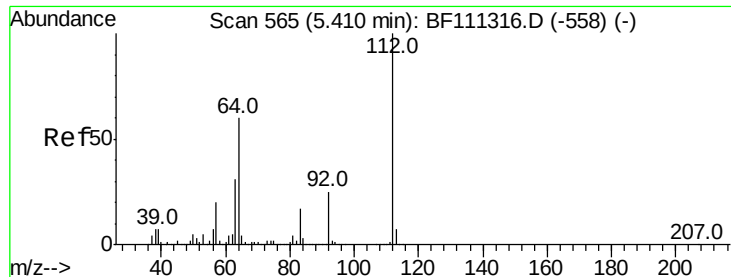
Delta R.T. -0.05 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Tgt Ion:	42	Resp:	300324
Ion Ratio	Lower	Upper	
42	100		
74	118.0	101.5	152.3
44	6.0	6.0	9.0





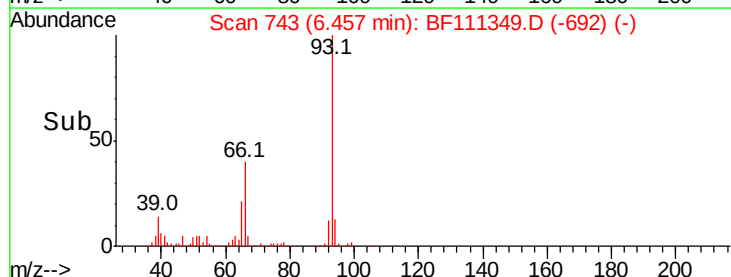
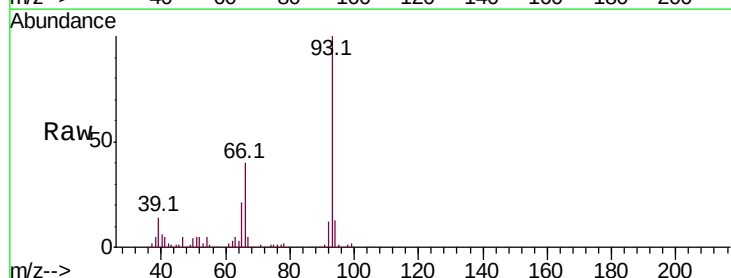
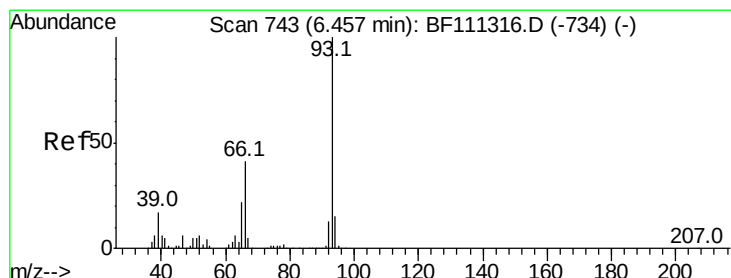
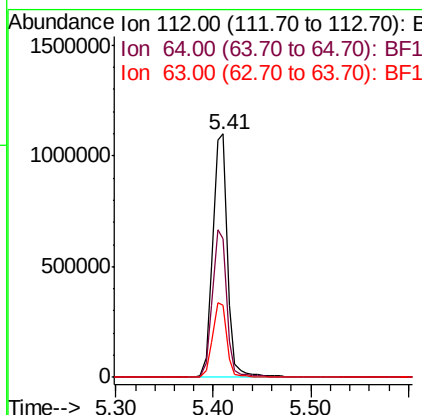
#5
2-Fluorophenol
Concen: 82.860 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.2	51.8	77.6
63	29.7	26.8	40.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

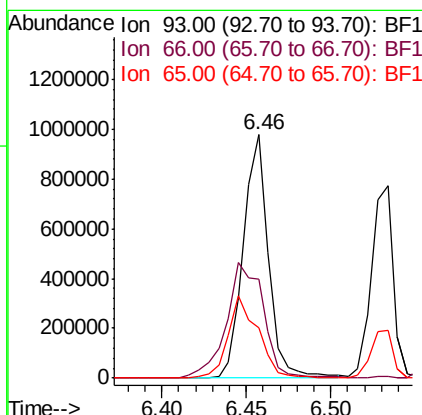
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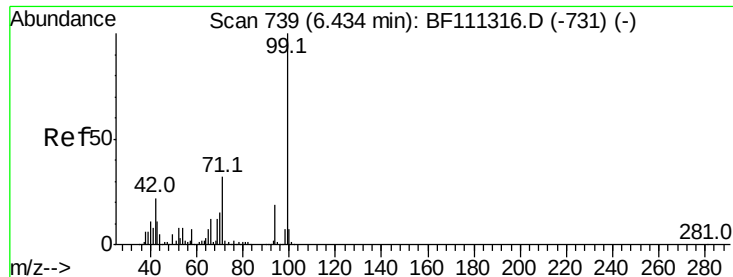
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#6
Aniline
Concen: 44.916 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.4	33.2	49.8
65	20.7	17.0	25.4





#7

Phenol-d6

Concen: 80.048 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1506931

Ion Ratio Lower Upper

99 100

42 19.2 17.4 26.0

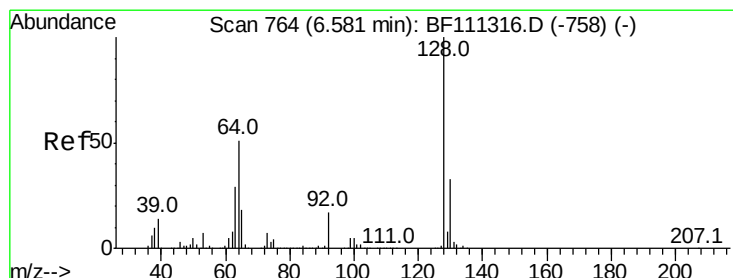
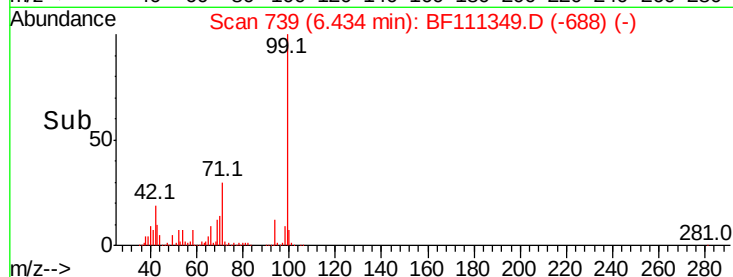
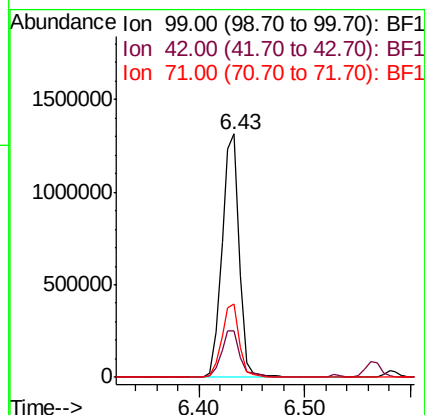
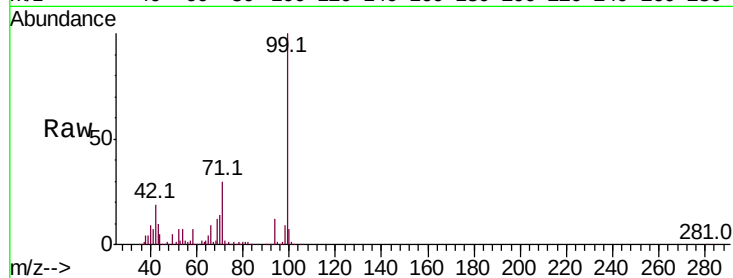
71 30.0 26.1 39.1

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#8

2-Chlorophenol

Concen: 39.648 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

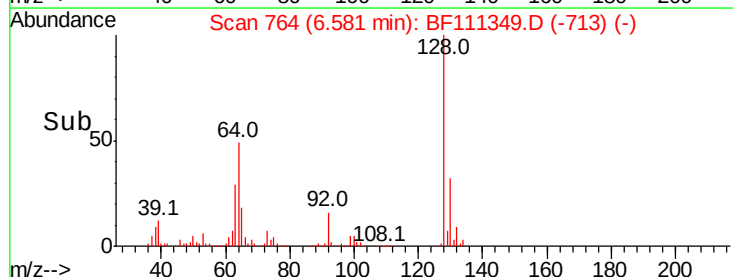
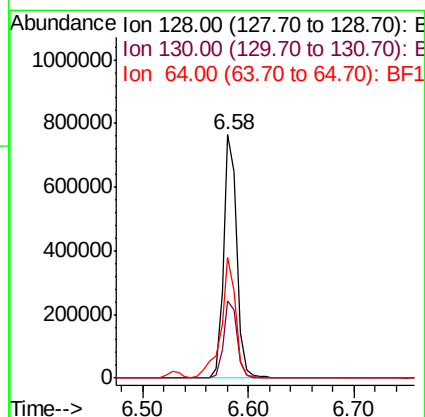
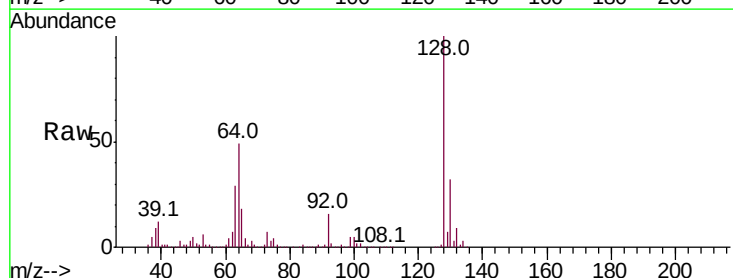
Tgt Ion: 128 Resp: 680433

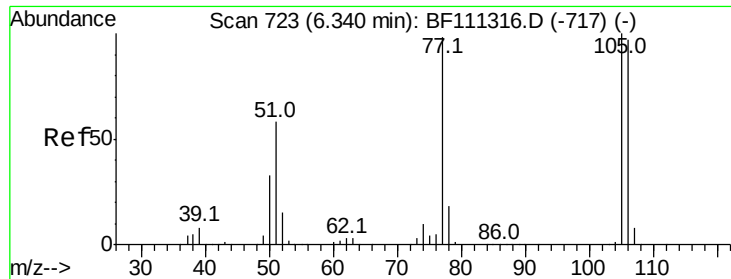
Ion Ratio Lower Upper

128 100

130 31.7 12.7 52.7

64 49.5 30.0 70.0





#9

Benzaldehyde

Concen: 44.735 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

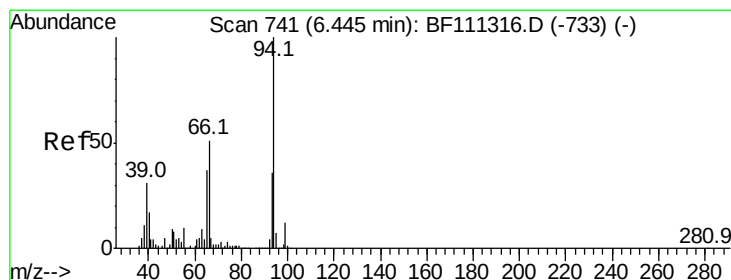
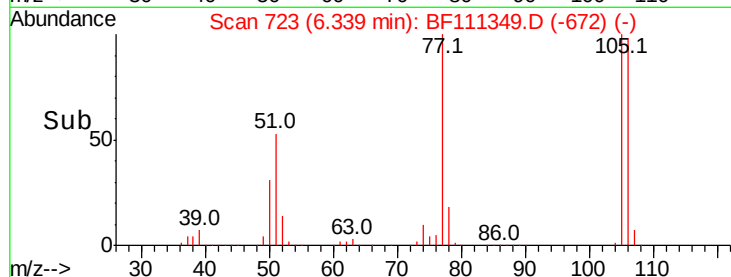
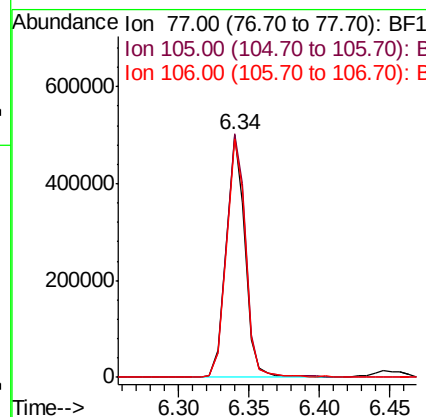
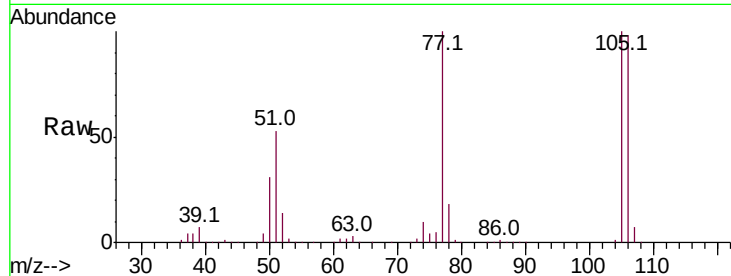
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.2	81.4	121.4
106	98.4	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 40.350 ng

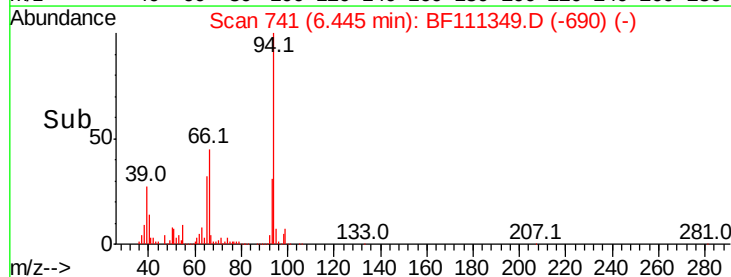
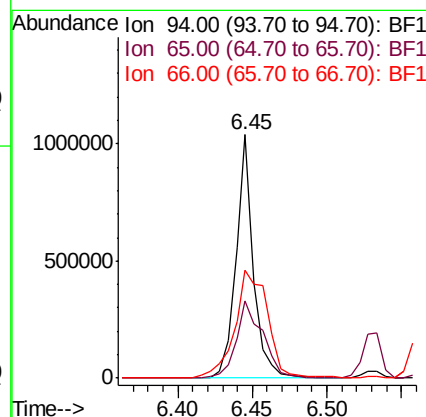
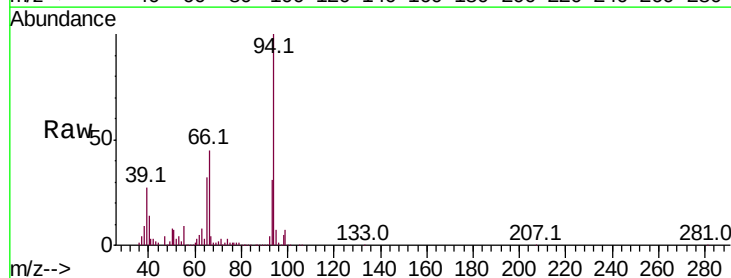
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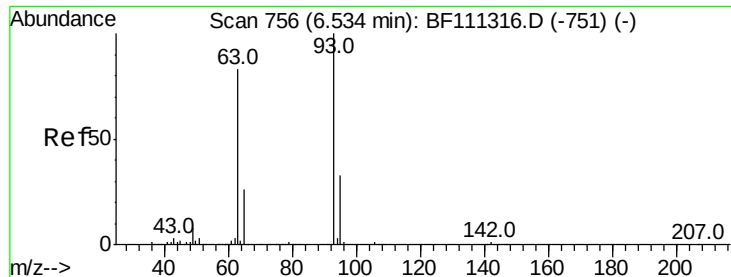
Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.7	51.7
66	44.5	21.0	61.0





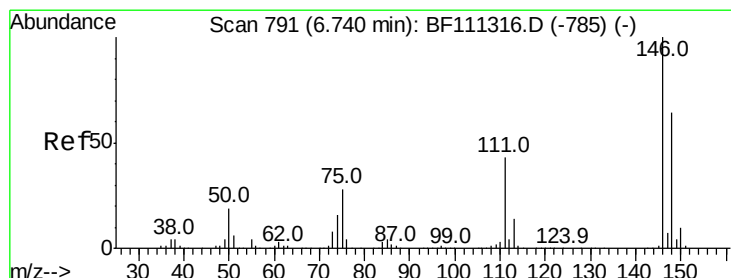
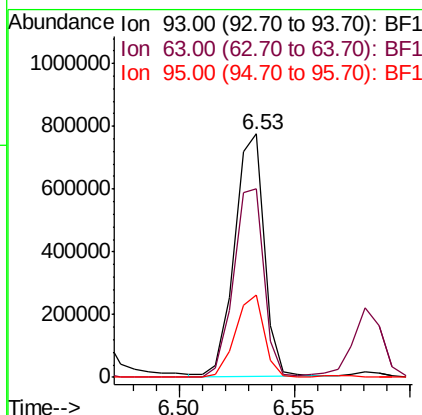
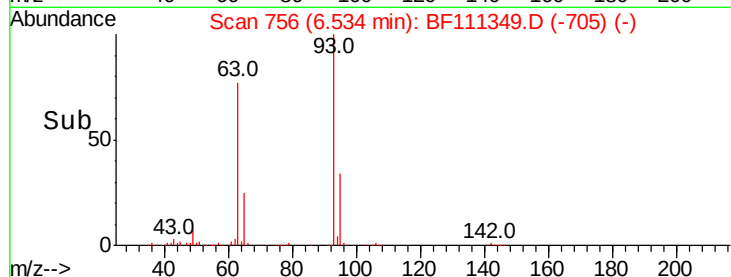
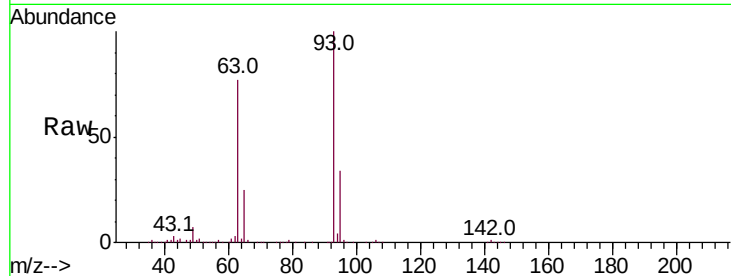
#11
bis(2-Chloroethyl)ether
Concen: 41.035 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.4	60.0	100.0
95	33.6	13.4	53.4

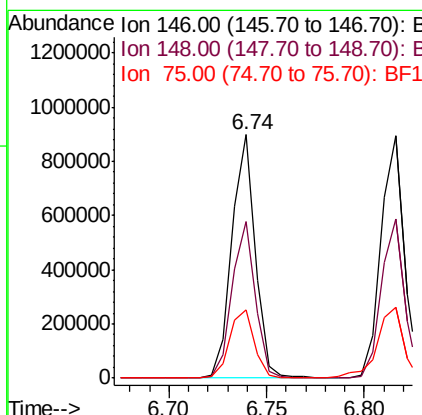
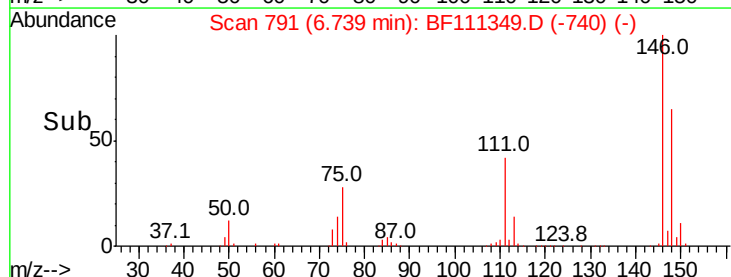
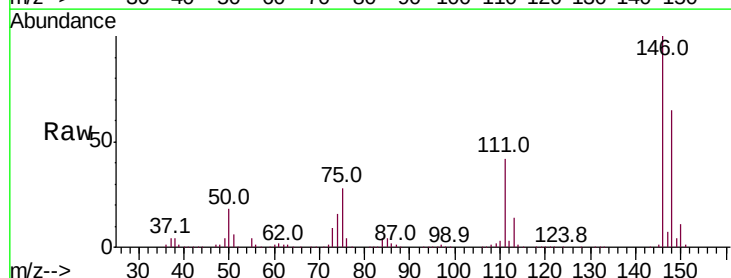
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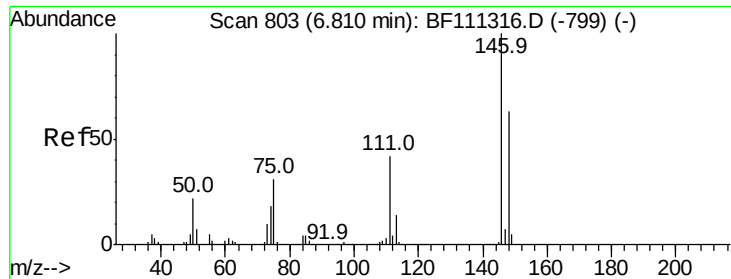
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.261 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
75	28.2	23.9	35.9





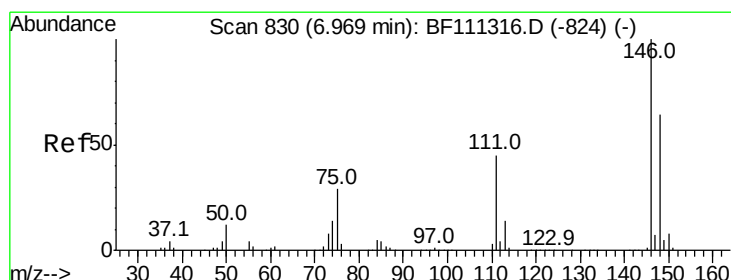
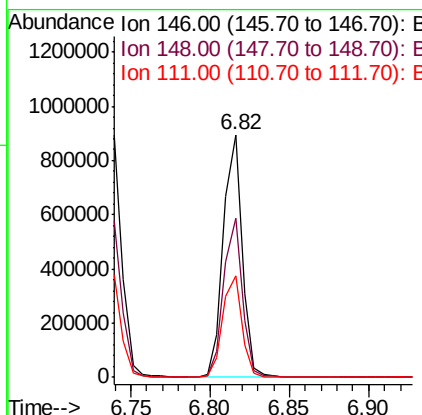
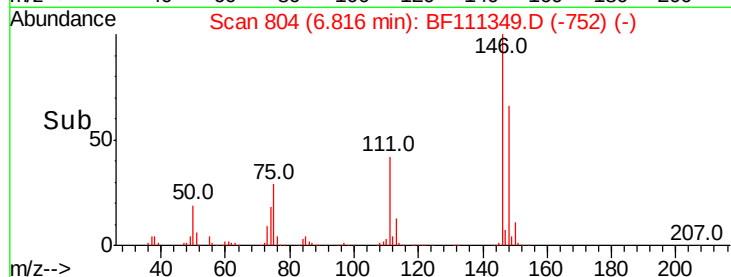
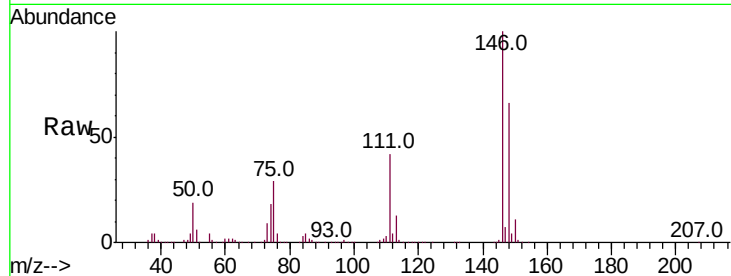
#13
1,4-Dichlorobenzene
Concen: 39.306 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.8	79.2
111	41.8	33.4	50.0

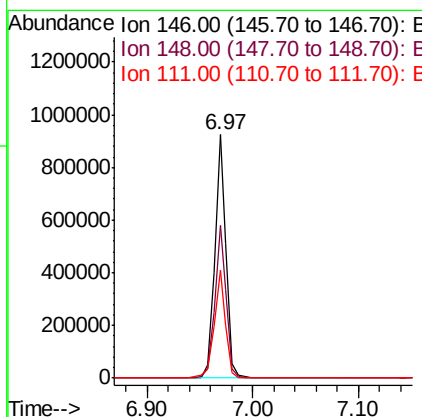
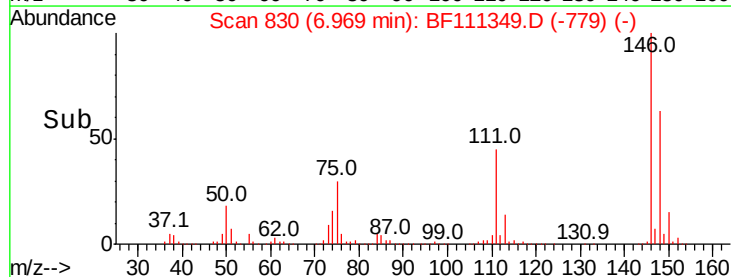
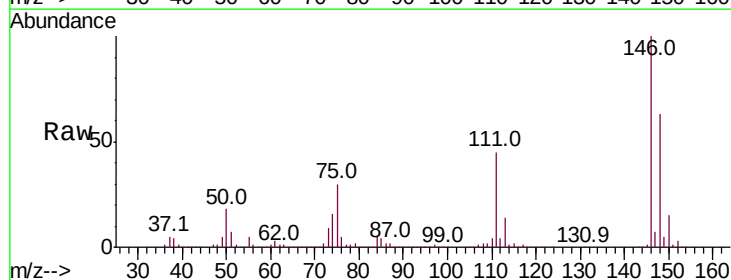
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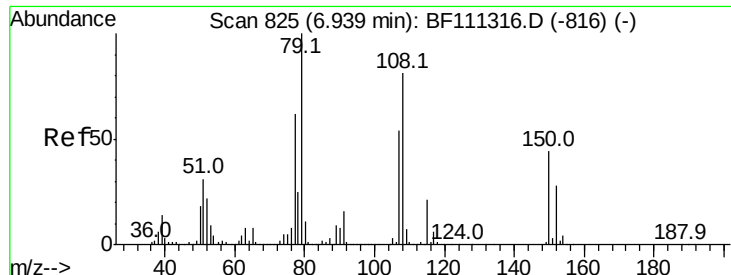
Sohil
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#14
1,2-Dichlorobenzene
Concen: 39.999 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.9	77.9
111	44.5	36.2	54.4





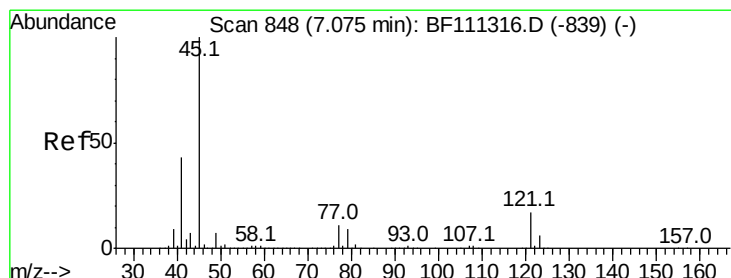
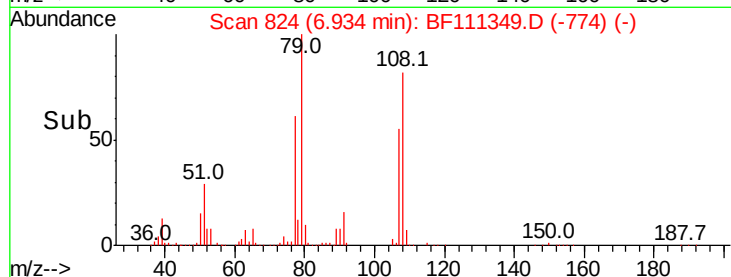
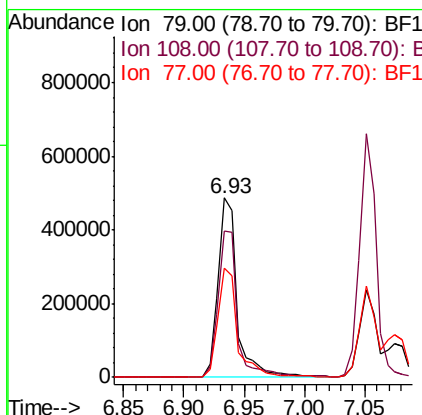
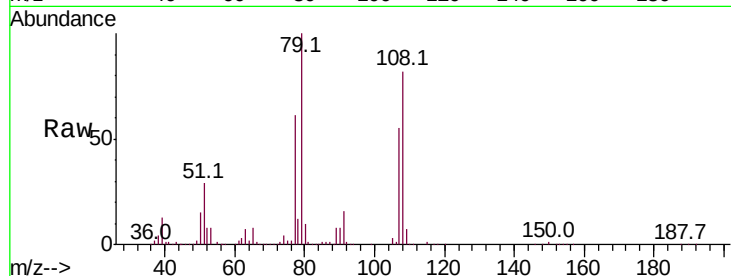
#15
Benzyl Alcohol
Concen: 36.796 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 530424
Ion Ratio Lower Upper
79 100
108 81.6 69.4 104.2
77 60.8 49.7 74.5

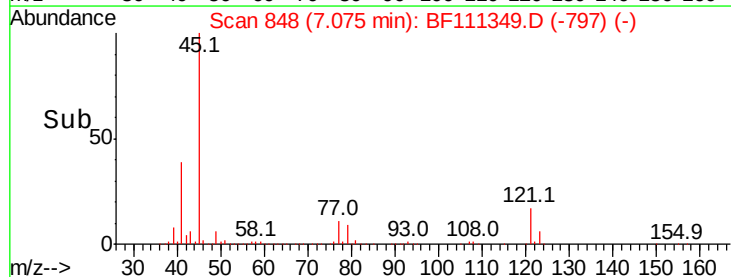
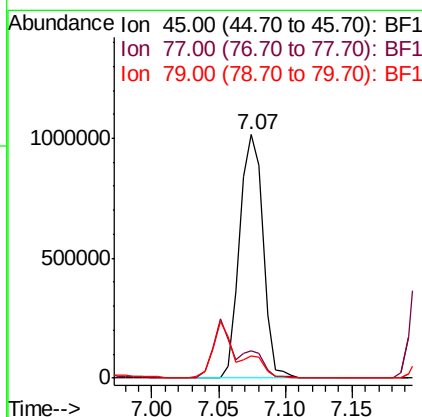
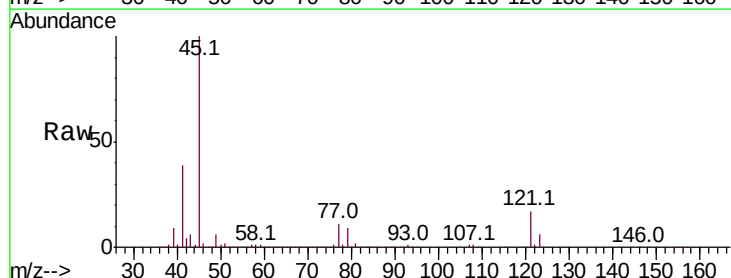
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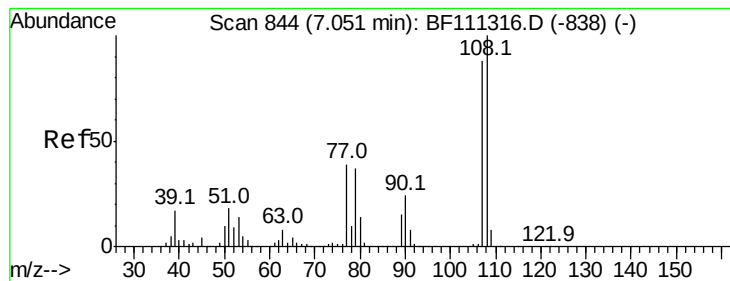
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.046 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion: 45 Resp: 1236570
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.5
79 8.9 0.0 28.9





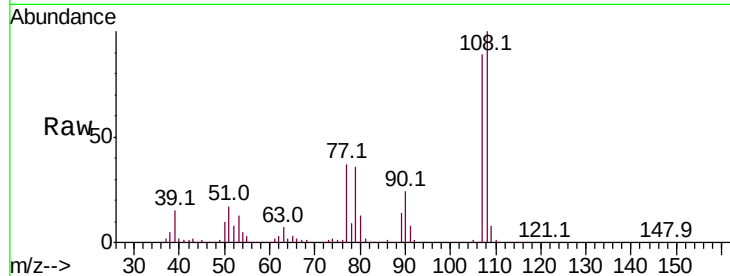
#17
2-Methylphenol
Concen: 38.561 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.0	136.4	
77	42.0	33.5	50.3	
79	40.7	33.3	49.9	

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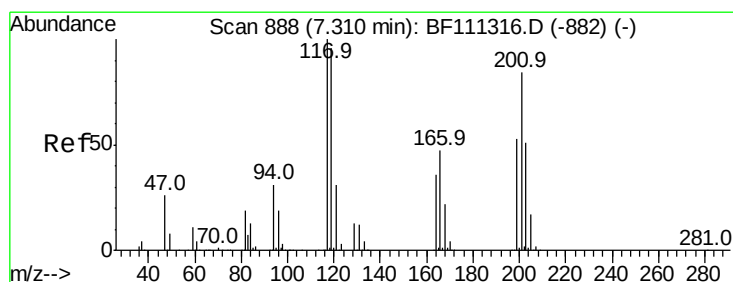
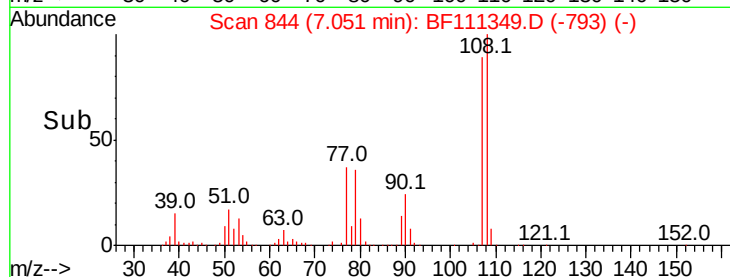
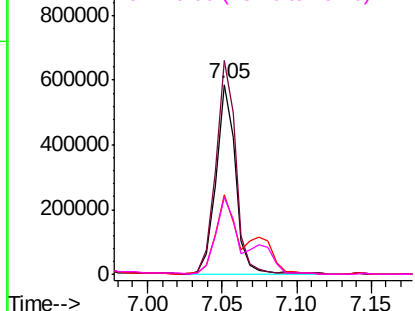
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

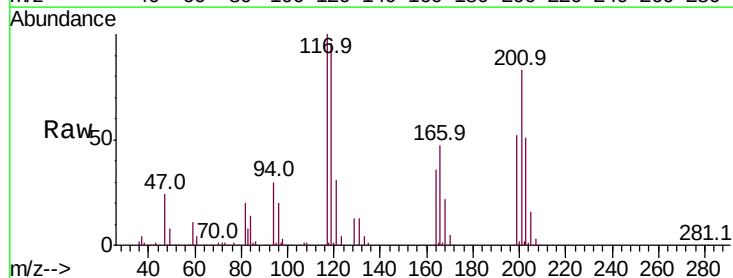
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 25.423 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	75.4	113.0	
201	83.0	62.4	93.6	

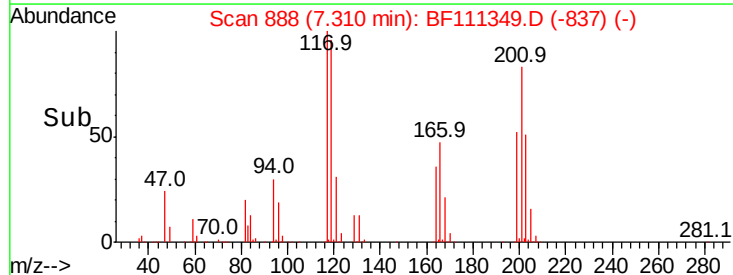
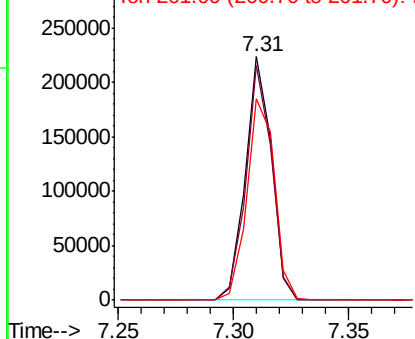


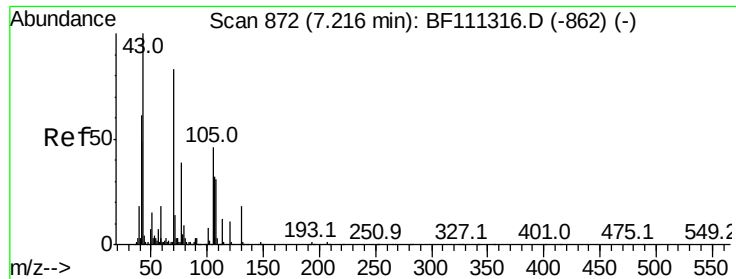
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





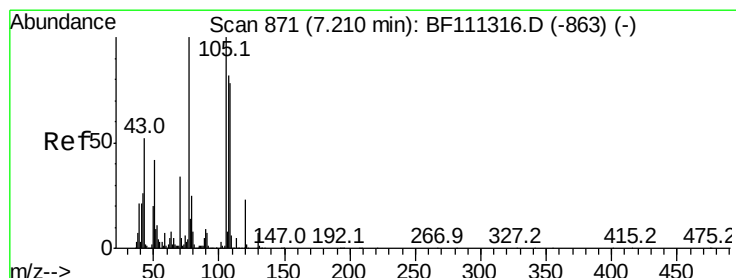
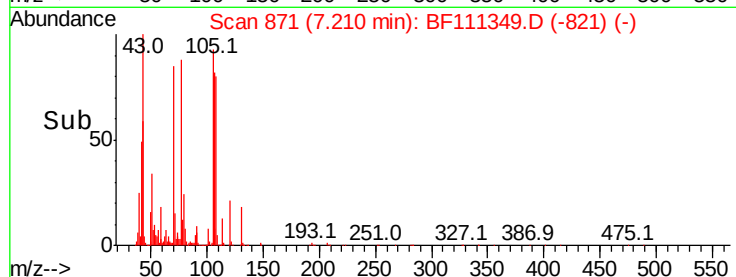
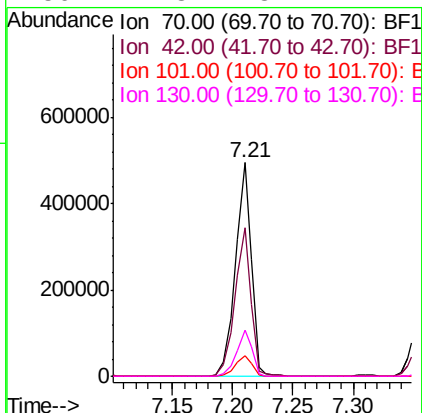
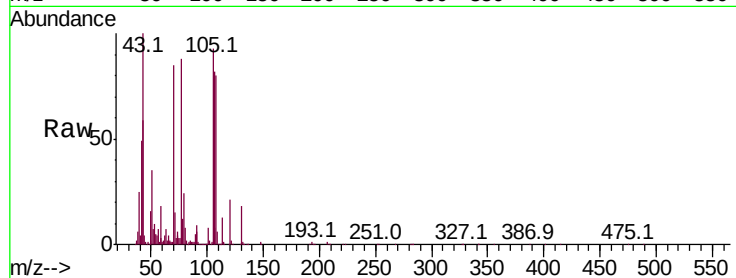
#19
n-Nitroso-di-n-propylamine
Concen: 36.378 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.7	53.2	79.8	
101	9.6	8.2	12.4	
130	21.8	18.1	27.1	

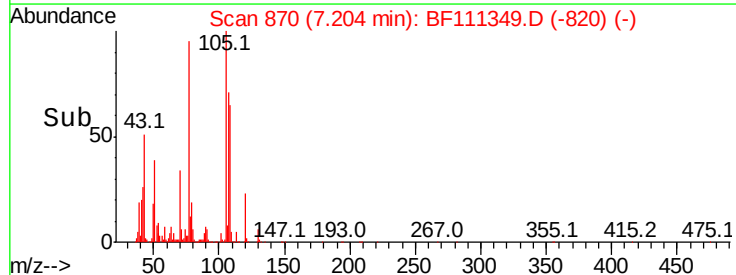
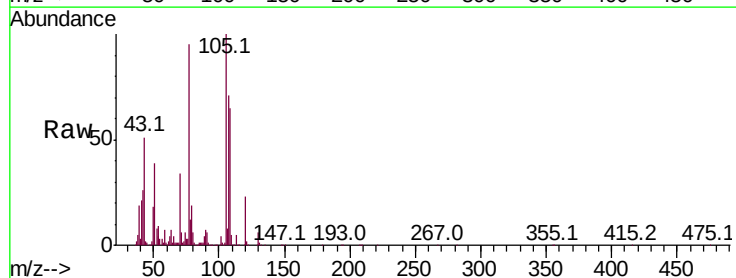
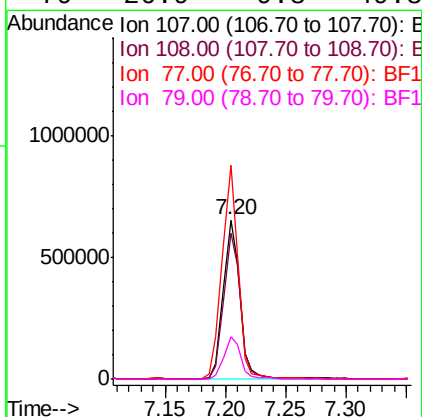
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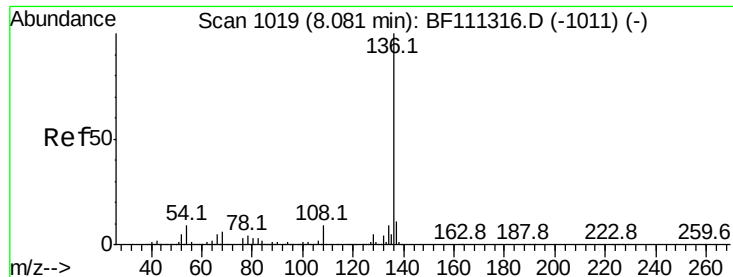
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#20
3+4-Methylphenols
Concen: 37.470 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	72.1	112.1	
77	134.2	94.1	134.1#	
79	26.9	9.8	49.8	





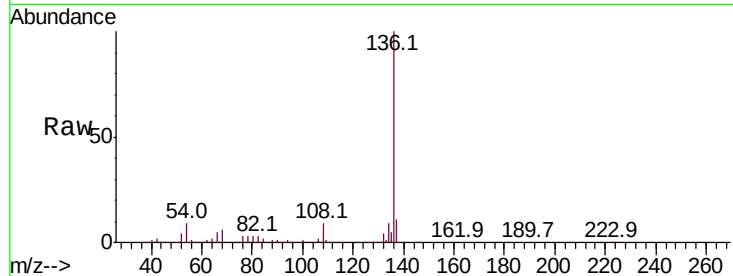
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	8.8	7.7	11.5	
68	5.9	4.9	7.3	

Manual Integrations
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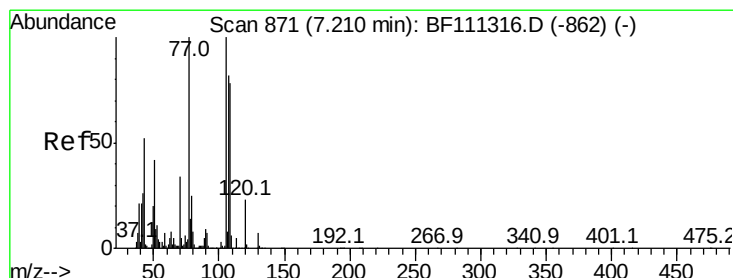
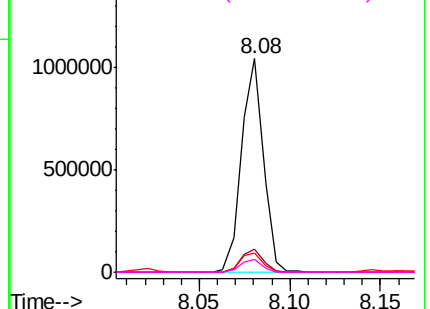
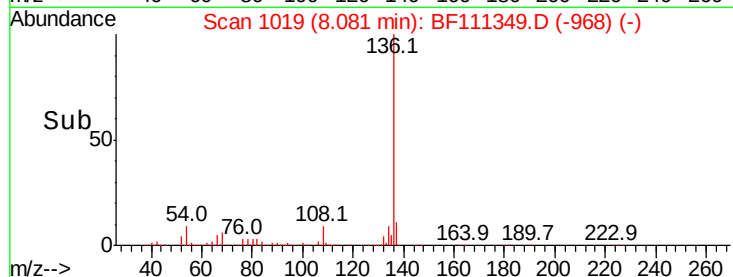
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

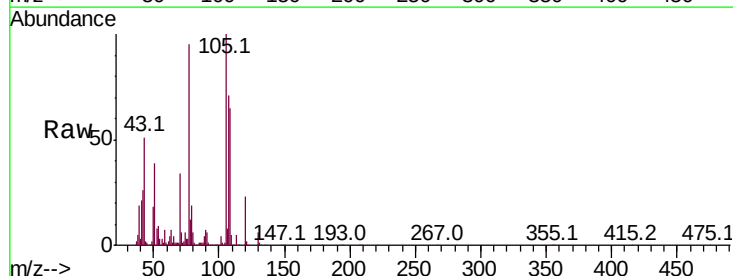
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.573 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	3.1	4.7#	
51	38.9	36.6	54.8	
120	22.8	18.2	27.4	



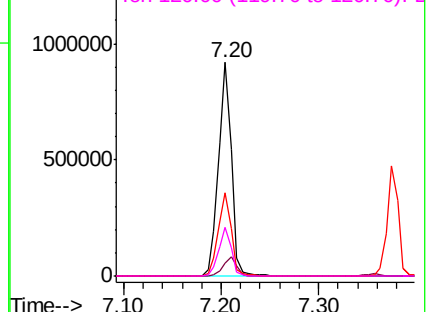
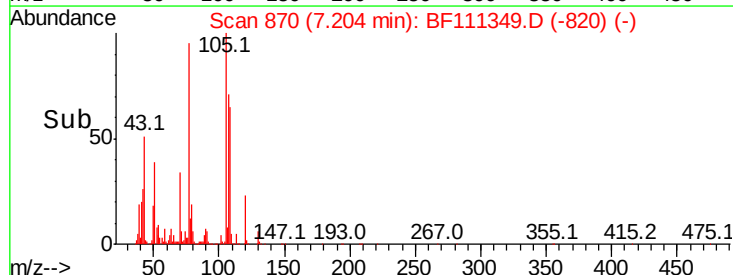
Abundance

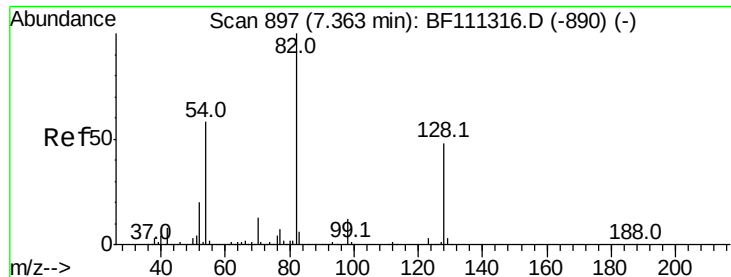
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23
 Nitrobenzene-d5
 Concen: 80.828 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF111349.D
 Acq: 13 Dec 2018 4:24

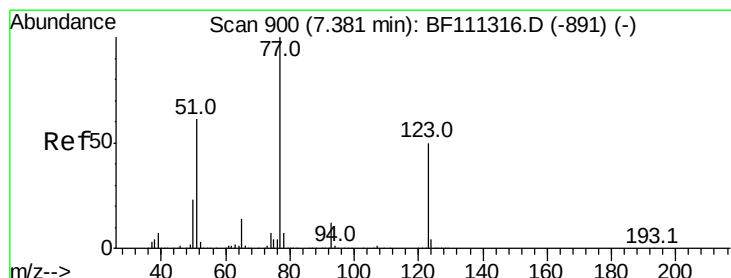
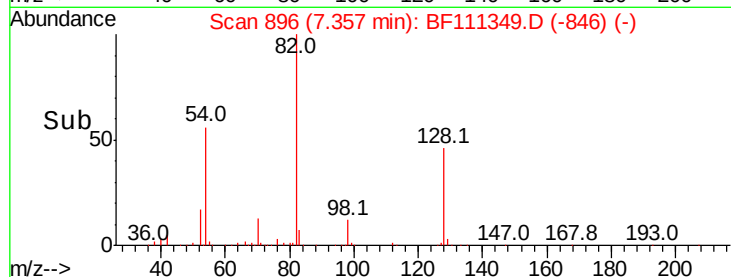
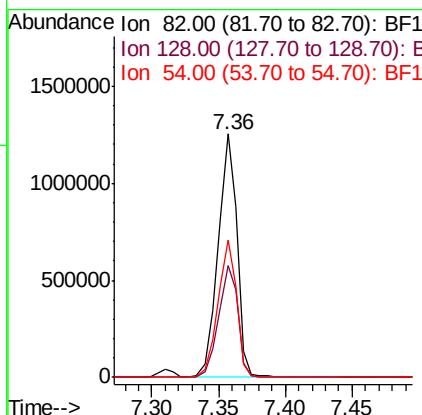
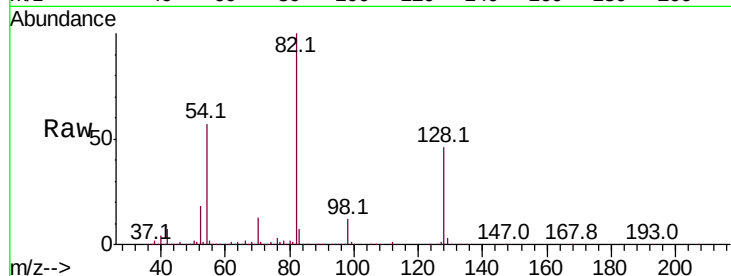
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1258447

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.4	56.2
54	56.6	47.6	71.4

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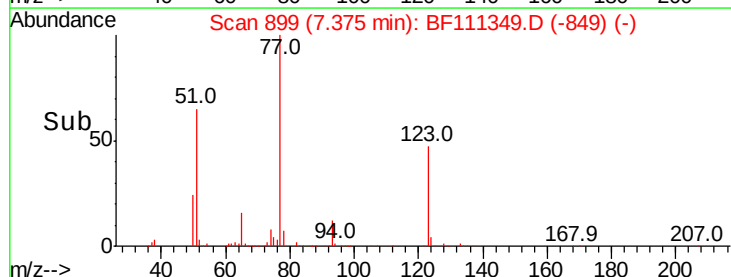
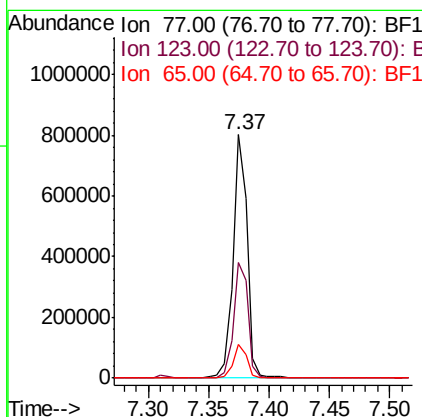
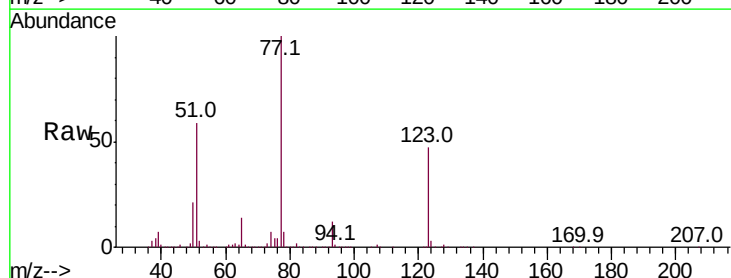
Sohil
 12/13/2018 6:07:18 PM

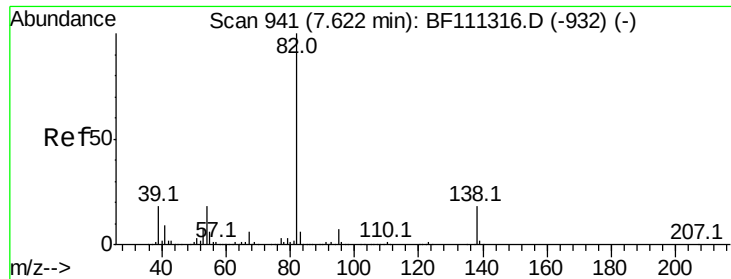


#24
 Nitrobenzene
 Concen: 40.490 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF111349.D
 Acq: 13 Dec 2018 4:24

Tgt Ion: 77 Resp: 649337

Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.2	55.8
65	14.0	11.5	17.3





#25

Isophorone

Concen: 40.701 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1076416

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

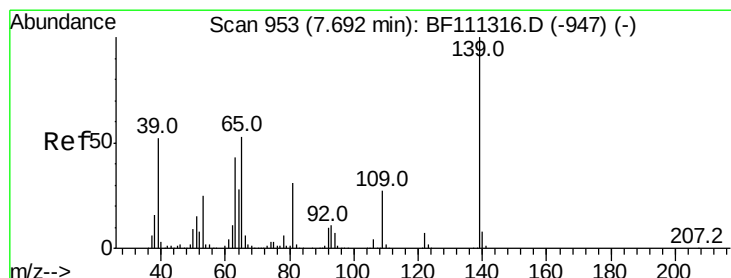
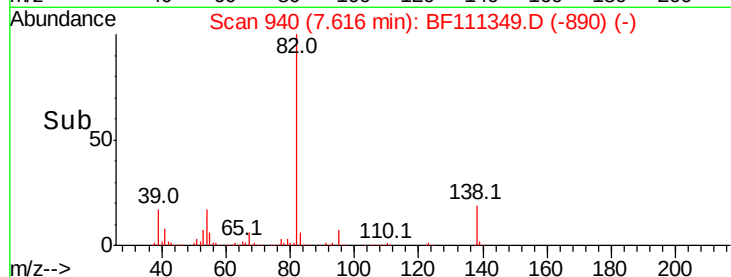
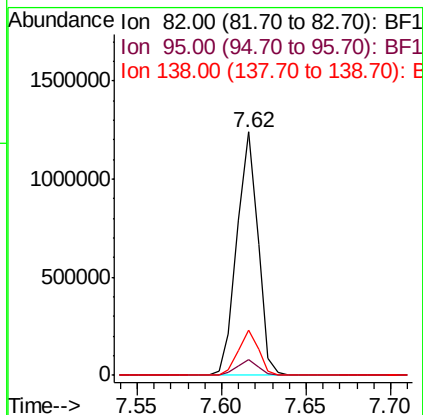
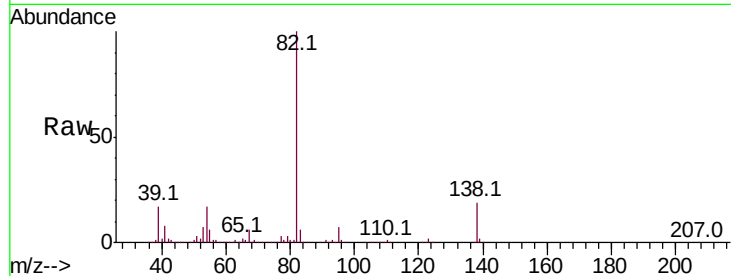
138 18.5 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 15.308 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

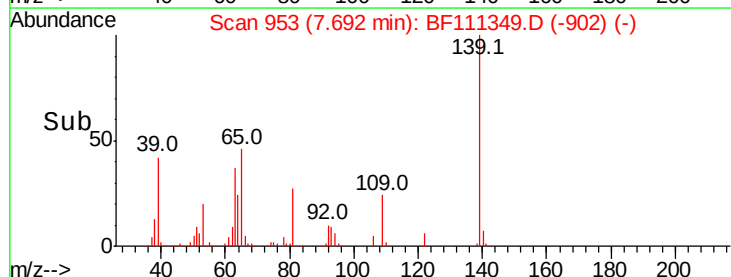
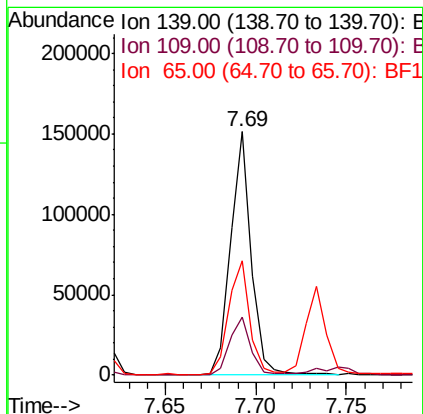
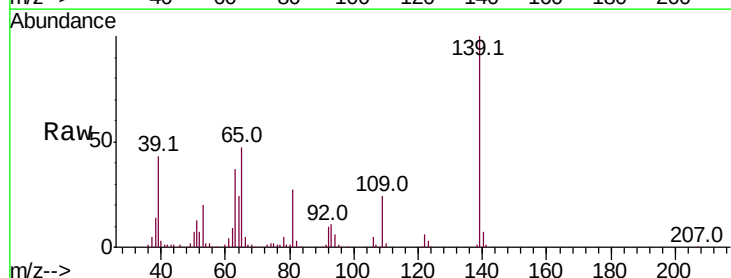
Tgt Ion: 139 Resp: 120666

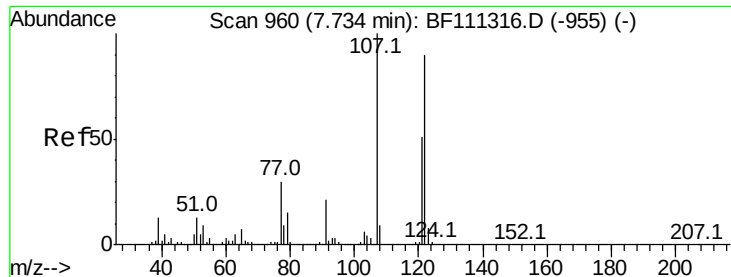
Ion Ratio Lower Upper

139 100

109 23.9 20.2 30.4

65 47.0 40.7 61.1





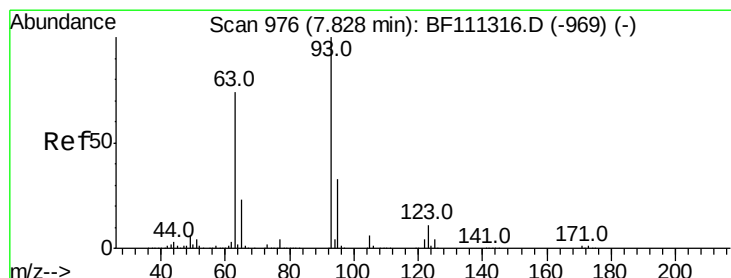
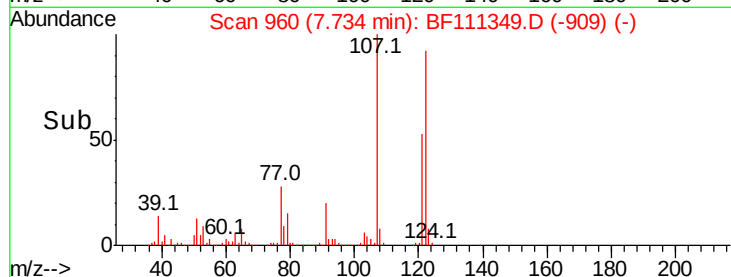
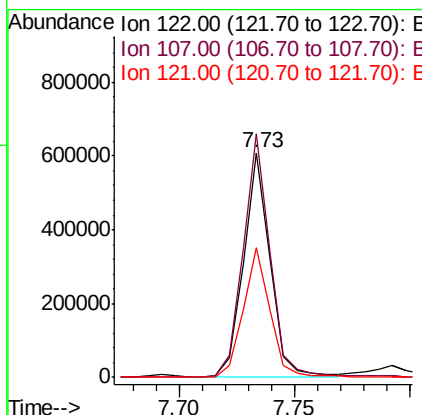
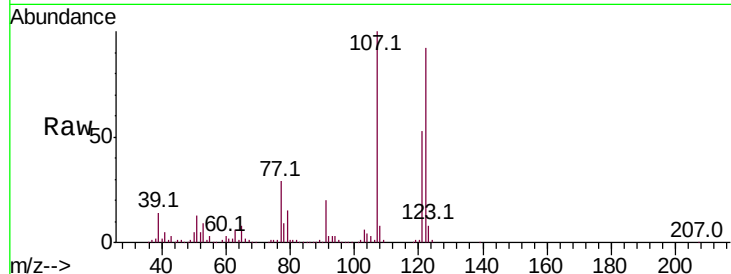
#27
 2,4-Dimethylphenol
 Concen: 40.981 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF111349.D
 Acq: 13 Dec 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	490388		
107	108.4	85.5	128.3	
121	57.9	46.6	70.0	

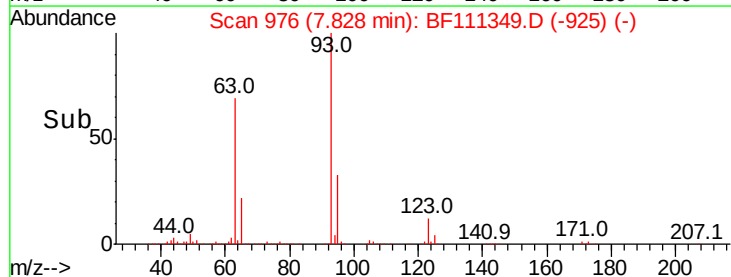
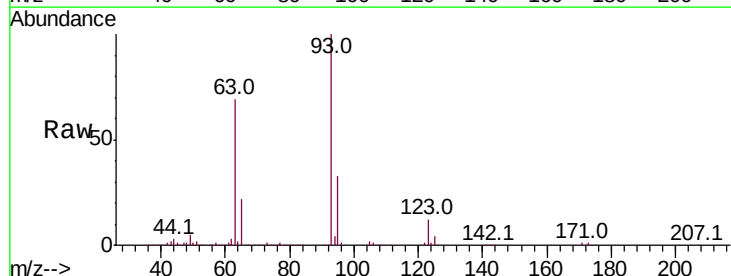
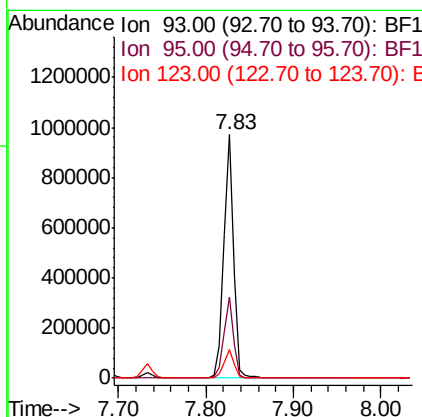
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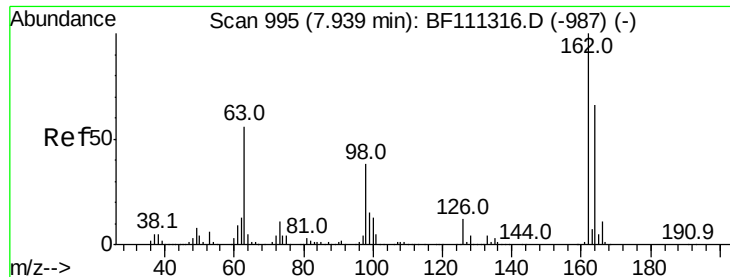
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.060 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111349.D
 Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	763502		
95	33.1	27.1	40.7	
123	11.7	9.9	14.9	





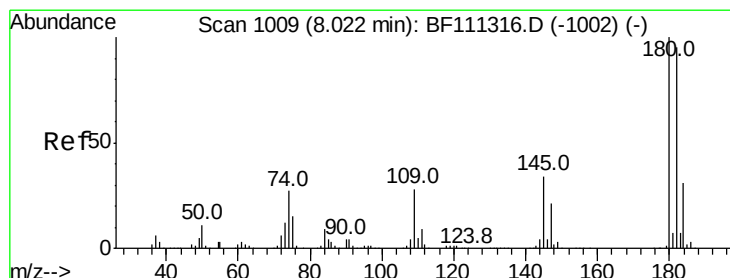
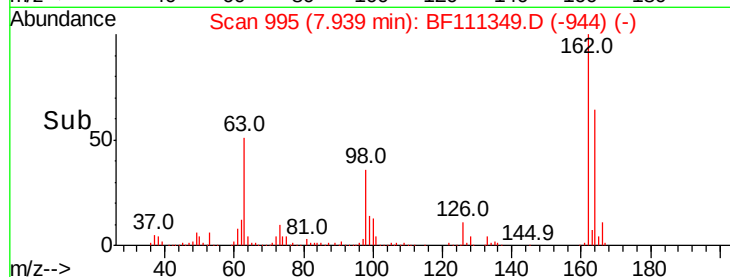
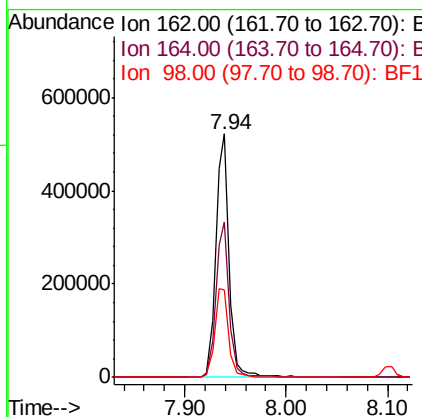
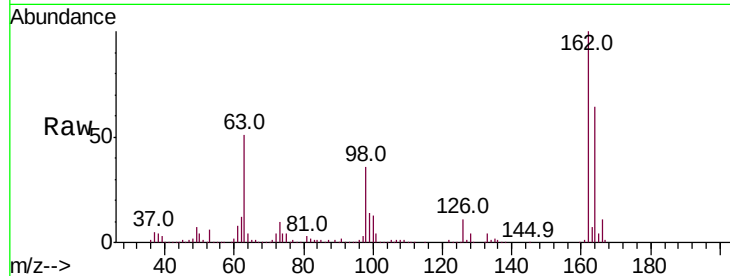
#29
2,4-Dichlorophenol
Concen: 38.125 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	475896		
164	63.7	44.4	84.4	
98	35.7	20.3	60.3	

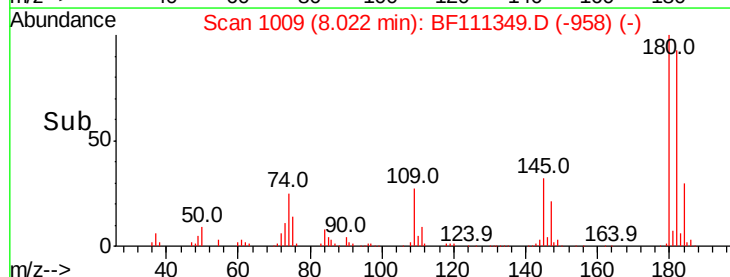
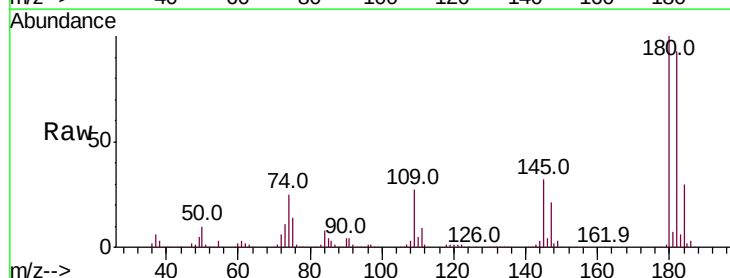
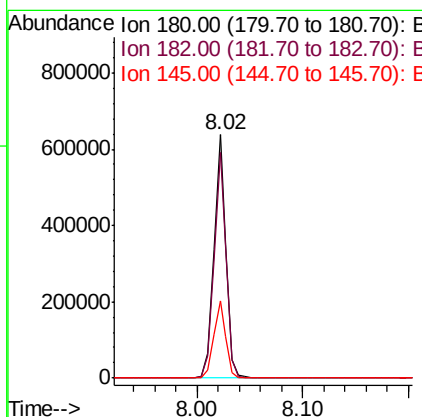
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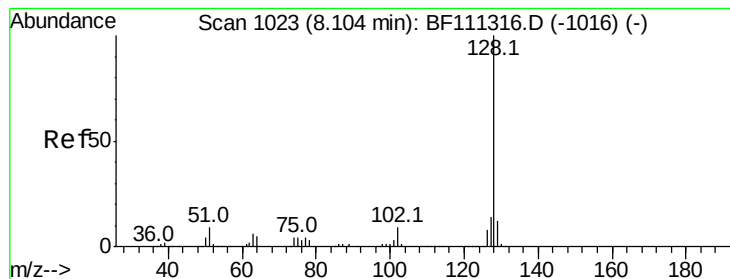
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#30
1,2,4-Trichlorobenzene
Concen: 40.263 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	516398		
182	92.7	75.6	113.4	
145	31.6	26.7	40.1	





#31

Naphthalene

Concen: 40.493 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1655568

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.8

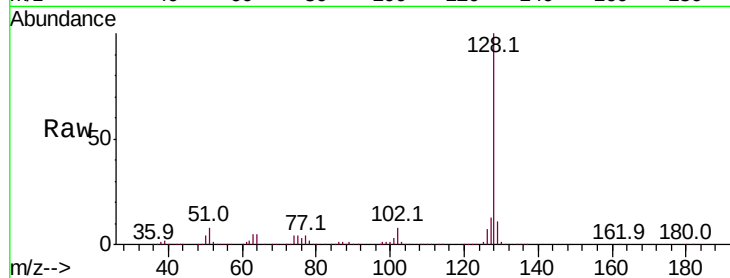
127 13.4 12.0 18.0

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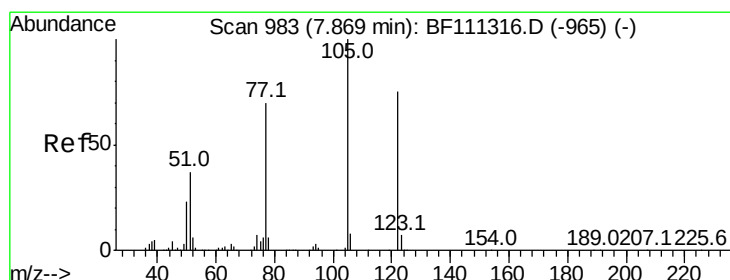
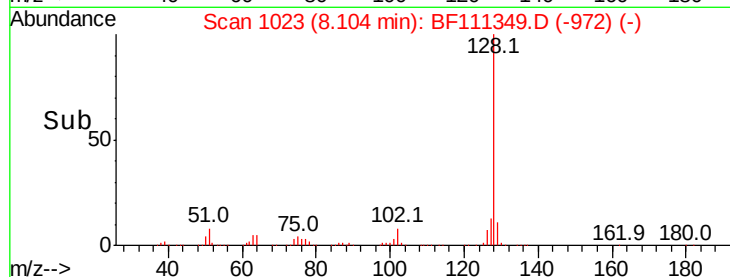
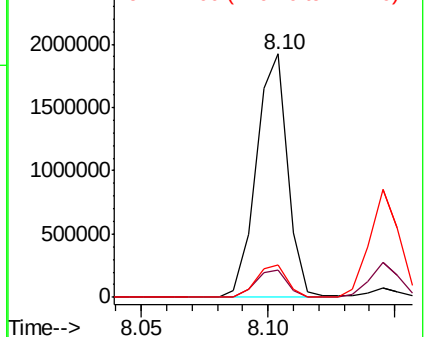


Abundance

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: 10.604 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

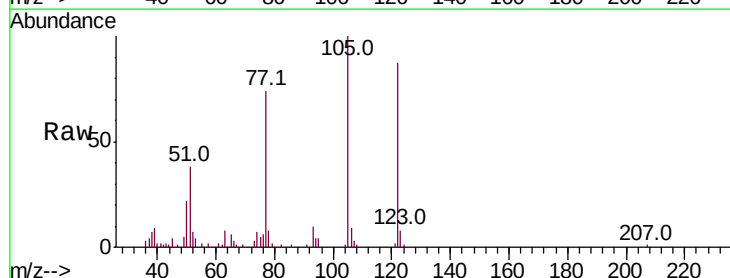
Tgt Ion:122 Resp: 105478

Ion Ratio Lower Upper

122 100

105 114.4 97.0 137.0

77 84.4 65.7 105.7

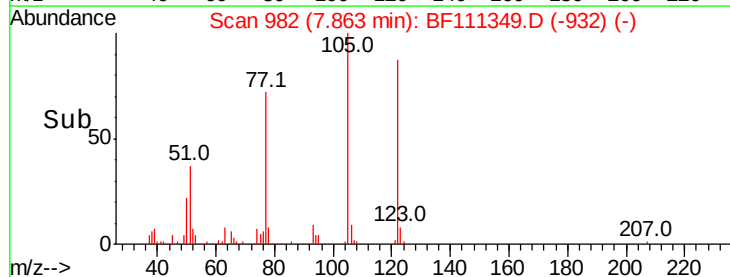
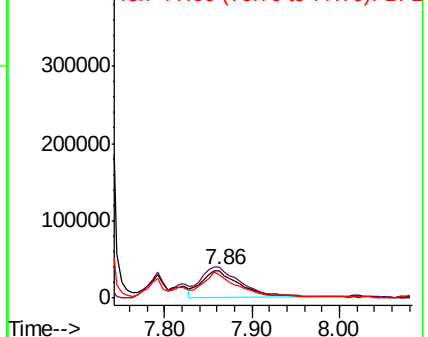


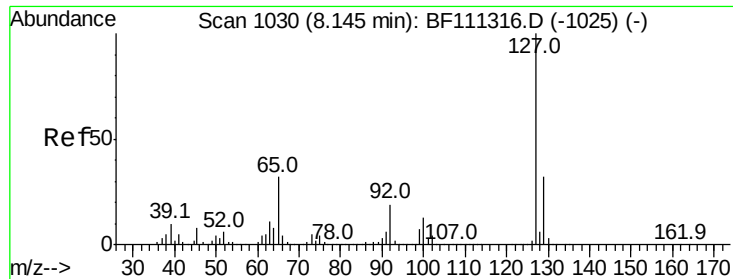
Abundance

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





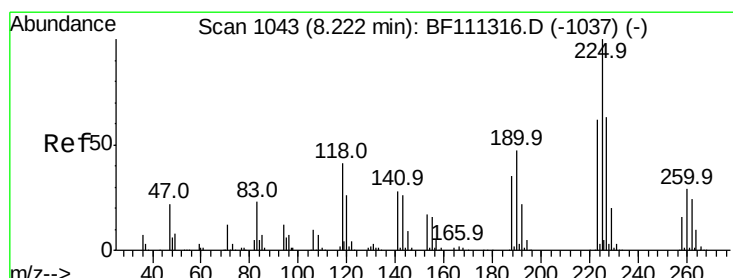
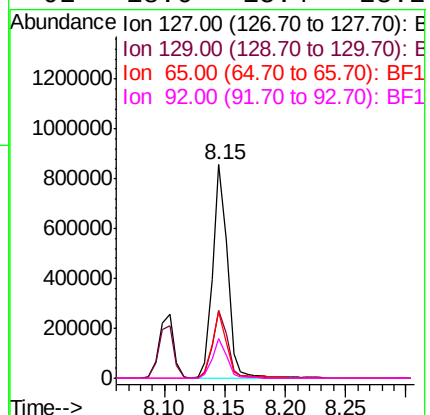
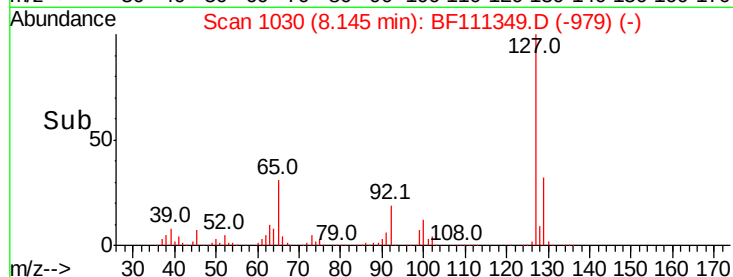
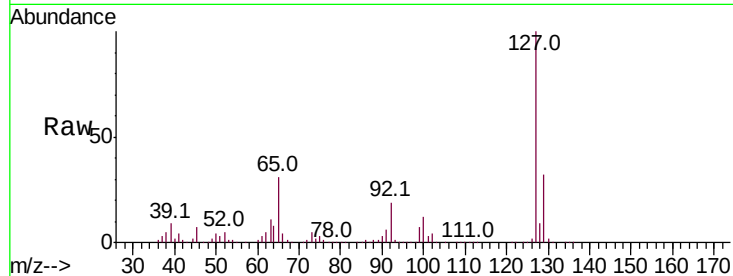
#33
4-Chloroaniline
Concen: 41.394 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.6	39.8		
65	31.1	25.7	38.5		
92	18.6	15.4	23.2		

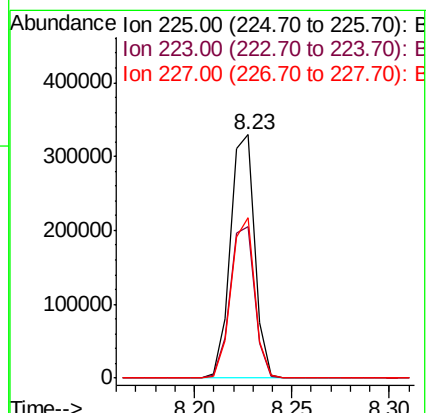
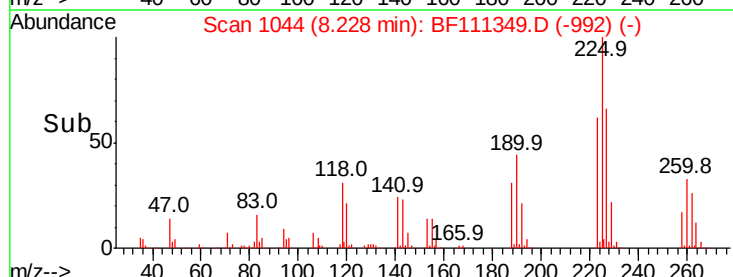
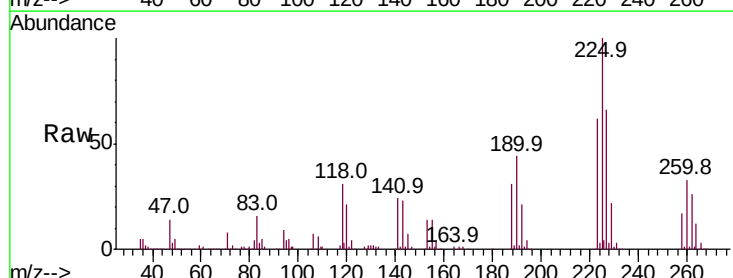
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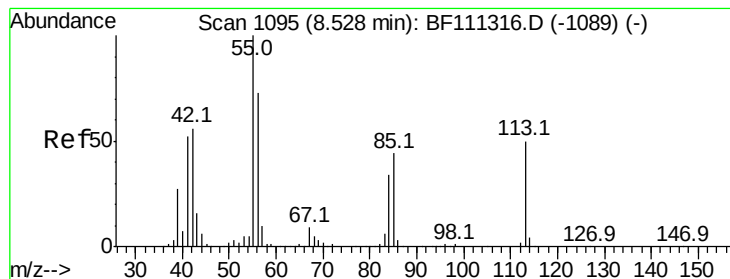
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#34
Hexachlorobutadiene
Concen: 40.171 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	50.7	76.1		
227	65.7	52.6	78.8		





#35

Caprolactam

Concen: 37.319 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

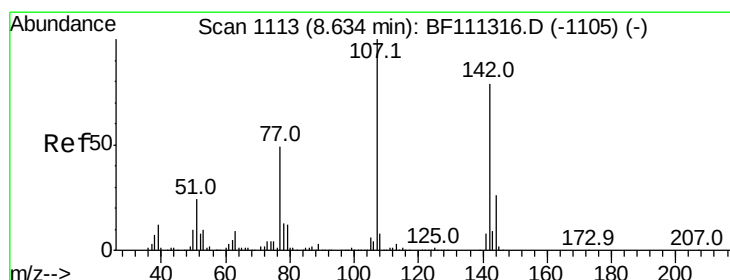
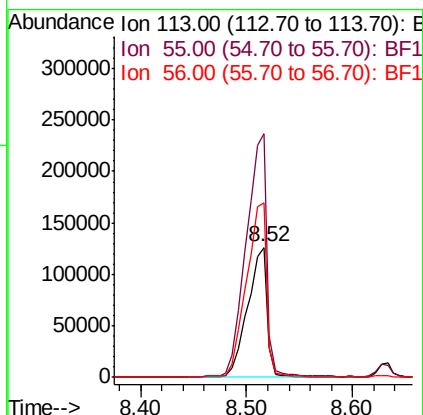
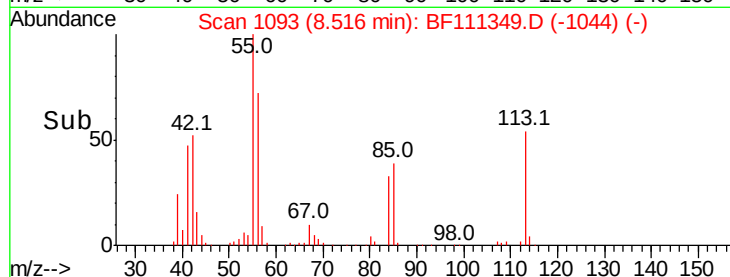
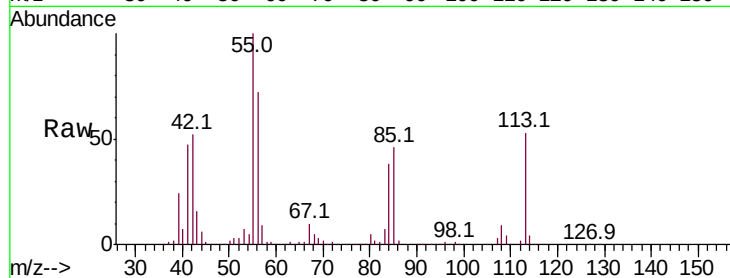
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	163227
Ion Ratio	Lower	Upper	
113	100		
55	187.3	184.1	224.1
56	134.4	126.0	166.0

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#36

4-Chloro-3-methylphenol

Concen: 36.420 ng

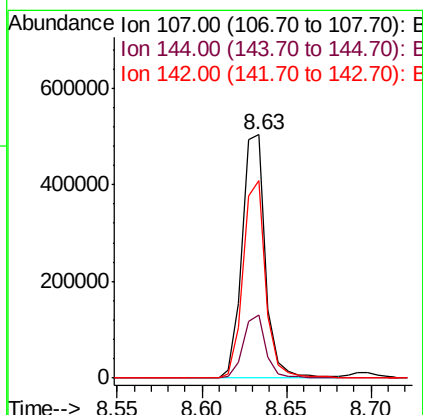
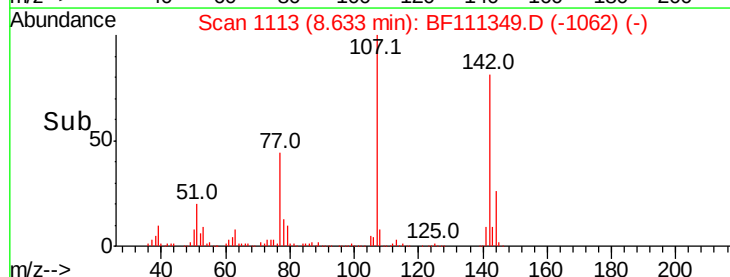
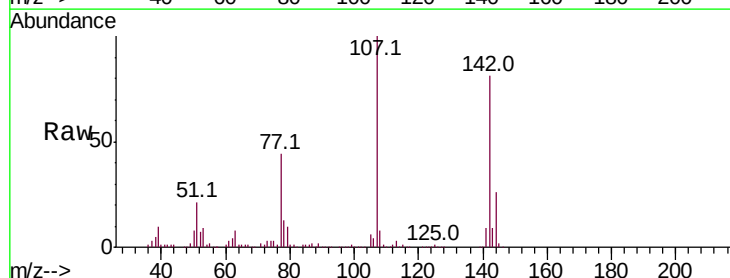
RT: 8.63 min Scan# 1113

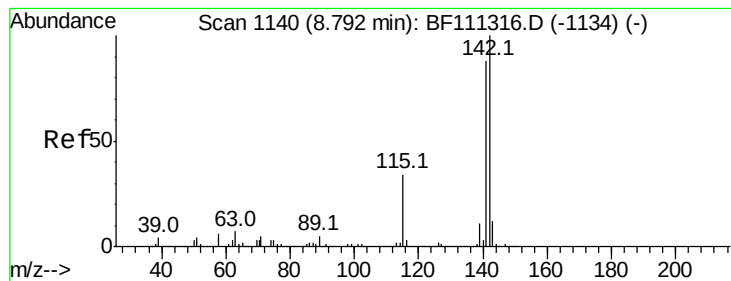
Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Tgt Ion:	107	Resp:	484447
Ion Ratio	Lower	Upper	
107	100		
144	26.2	19.8	29.6
142	81.2	62.3	93.5





#37

2-Methylnaphthalene

Concen: 37.811 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

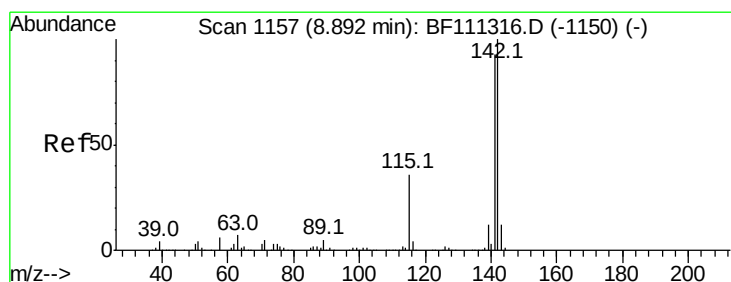
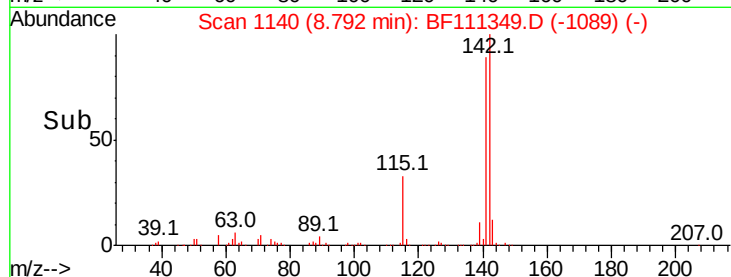
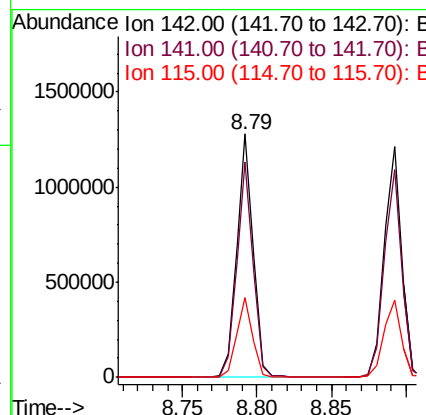
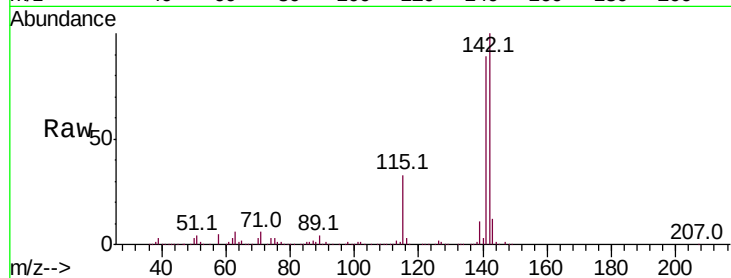
ClientSampleId :

SSTDCCC040

Tot Ion:	142	Resp:	999337
Ion Ratio	Lower	Upper	
142	100		
141	88.7	70.6	105.8
115	32.8	27.0	40.6

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#38

1-Methylnaphthalene

Concen: 37.809 ng

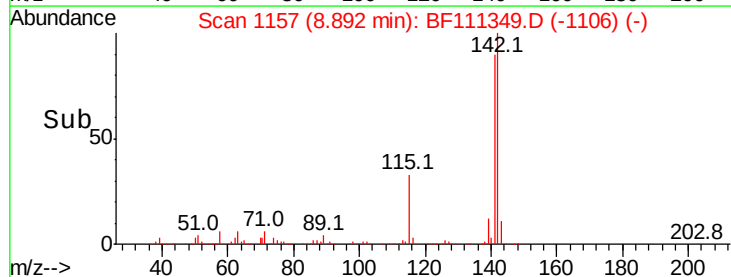
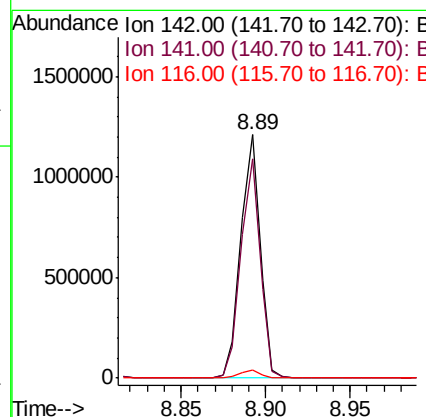
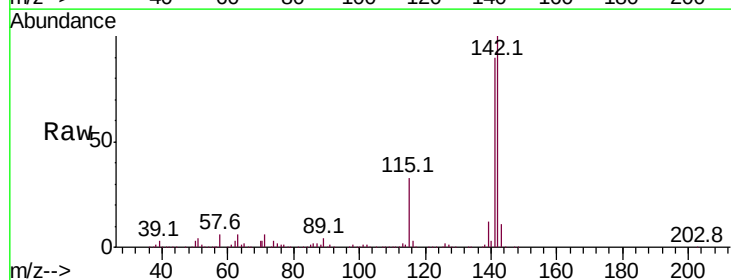
RT: 8.89 min Scan# 1157

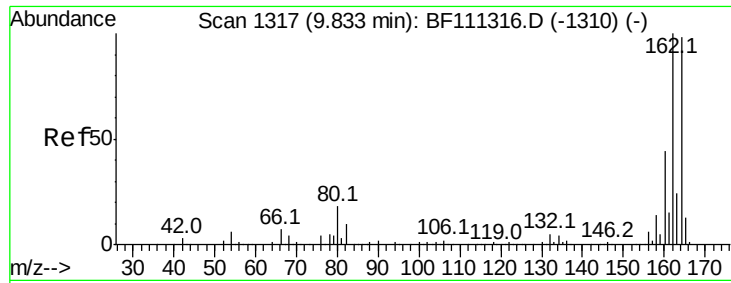
Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Tgt Ion:	142	Resp:	964456
Ion Ratio	Lower	Upper	
142	100		
141	90.2	74.2	111.4
116	3.3	2.9	4.3





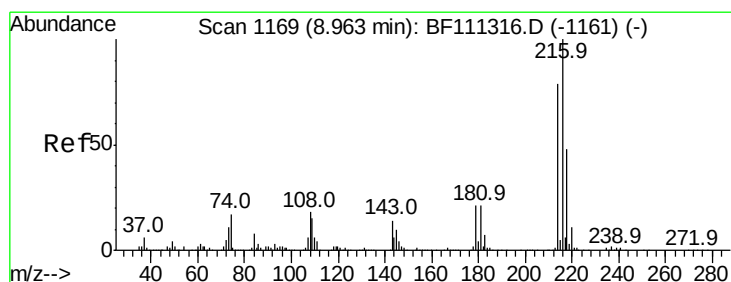
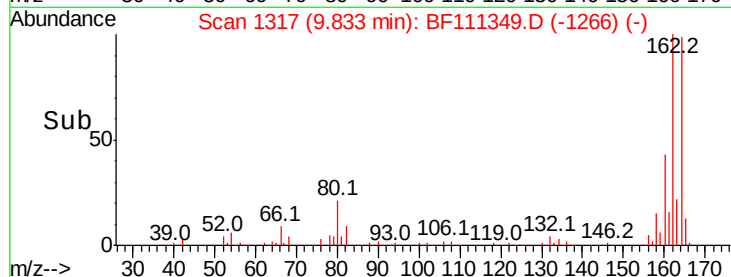
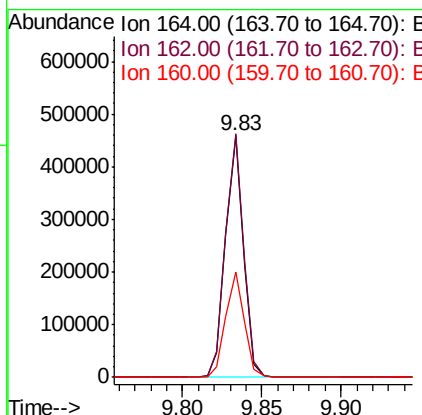
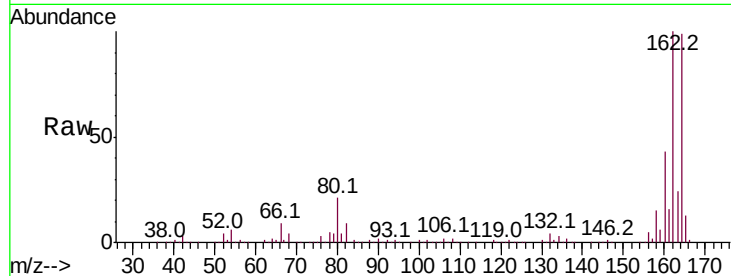
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	359745		
162	100.8	81.4	122.0	
160	43.5	35.7	53.5	

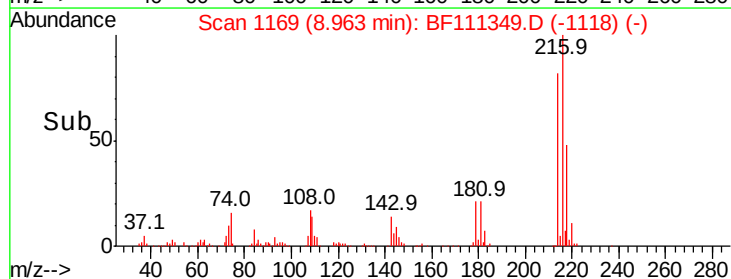
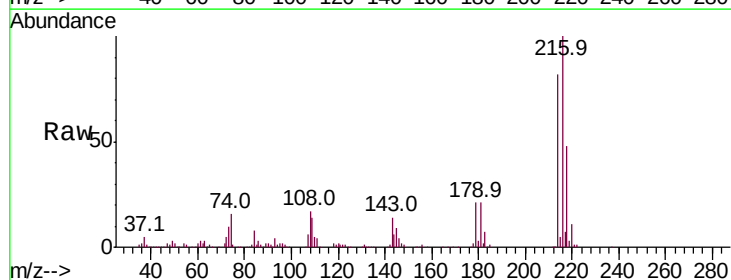
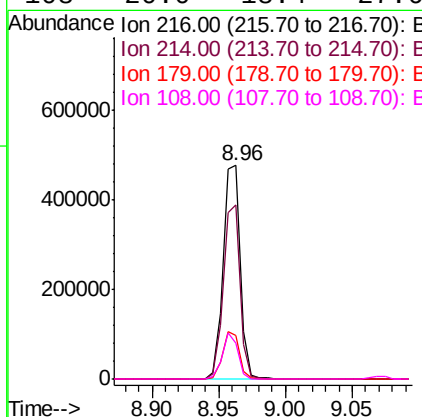
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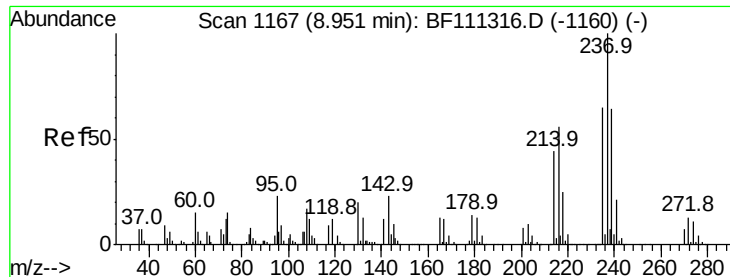
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.840 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	433203		
214	80.1	63.8	95.8	
179	21.5	17.9	26.9	
108	20.0	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 2.950 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

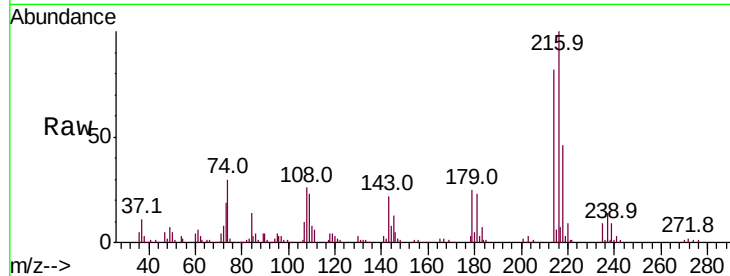
ClientSampleId :

SSTDCCC040

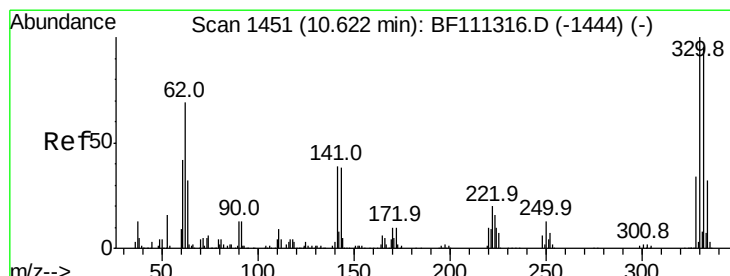
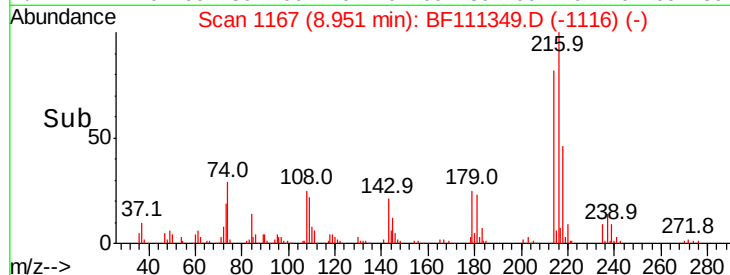
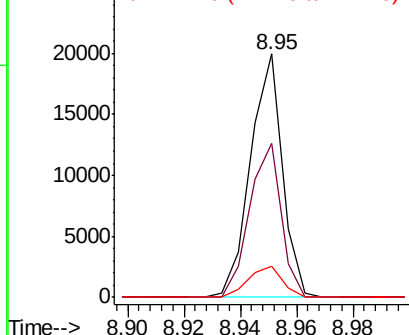
Tot Ion:	237	Resp:	15576
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.1	83.1
272	13.0	0.0	33.0

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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: 67.720 ng

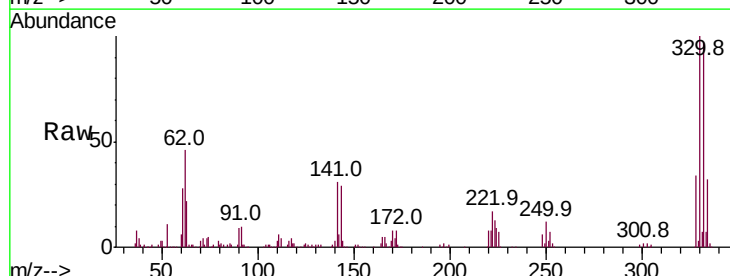
RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

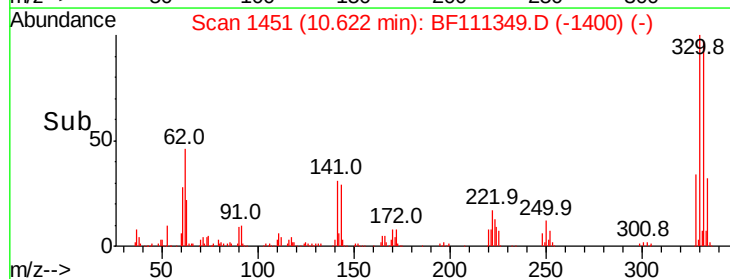
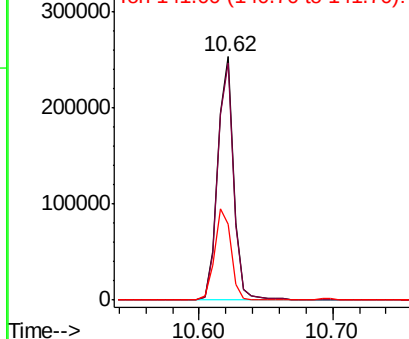
Lab File: BF111349.D

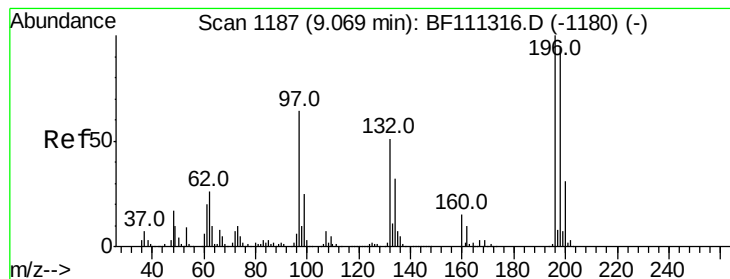
Acq: 13 Dec 2018 4:24

Tgt Ion:	330	Resp:	214755
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.0	114.0
141	38.6	31.0	46.6



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: 38.640 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

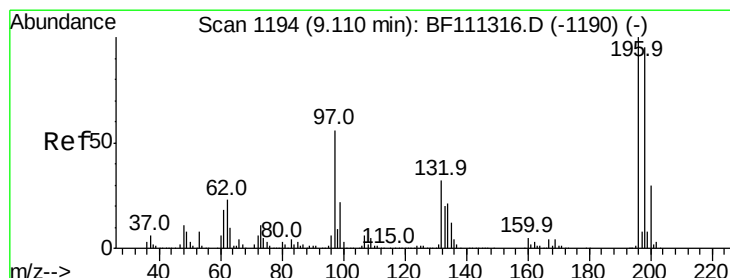
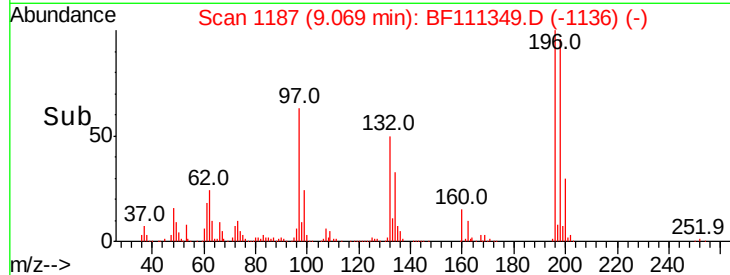
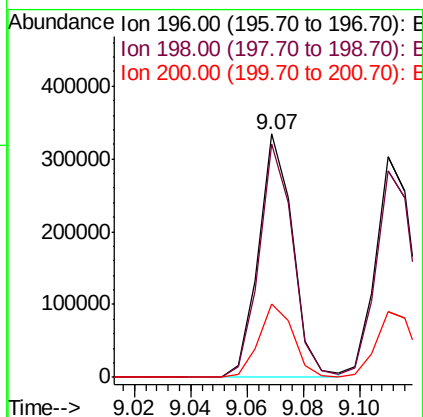
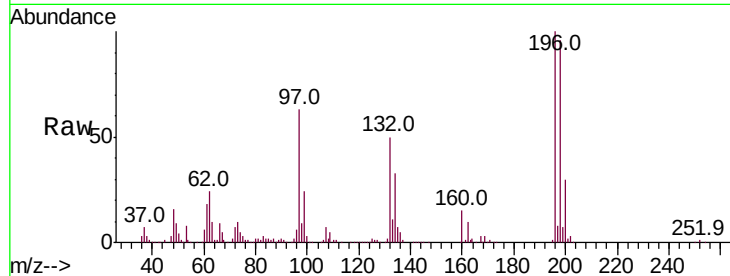
ClientSampleId :

SSTDCCC040

Tot Ion:	196	Resp:	279667
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.3	114.5
200	30.0	24.9	37.3

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#44

2,4,5-Trichlorophenol

Concen: 36.983 ng

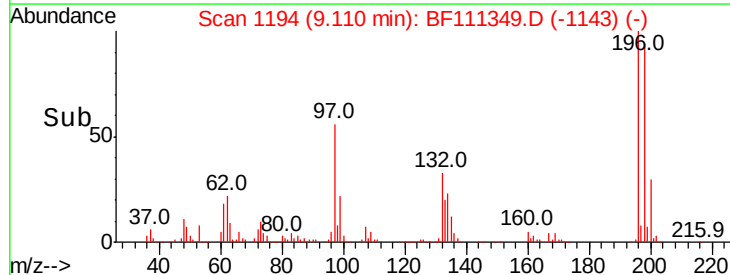
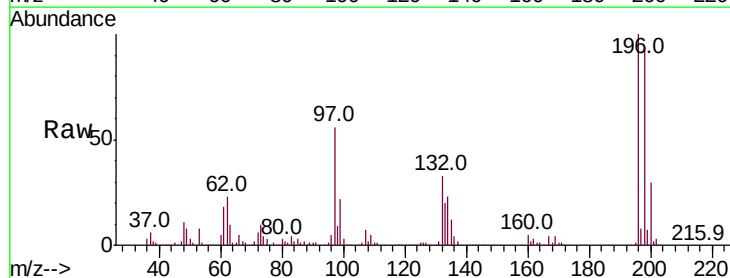
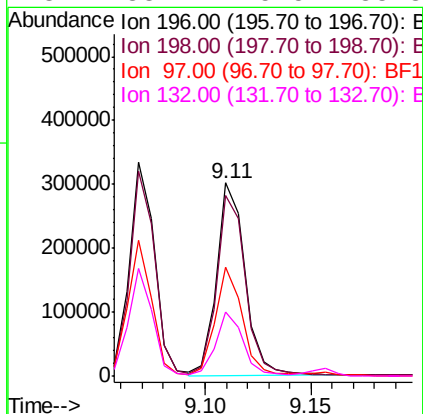
RT: 9.11 min Scan# 1194

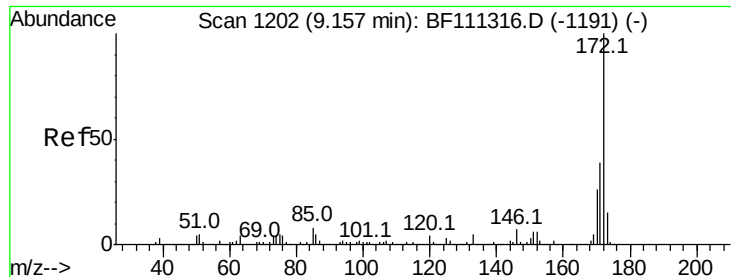
Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Tgt Ion:	196	Resp:	282891
Ion Ratio	Lower	Upper	
196	100		
198	93.7	72.9	109.3
97	56.4	45.3	67.9
132	33.2	25.5	38.3





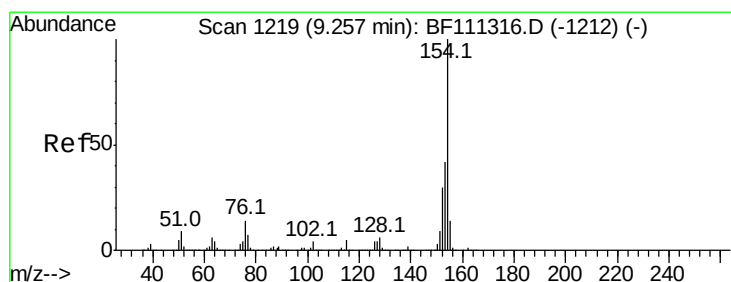
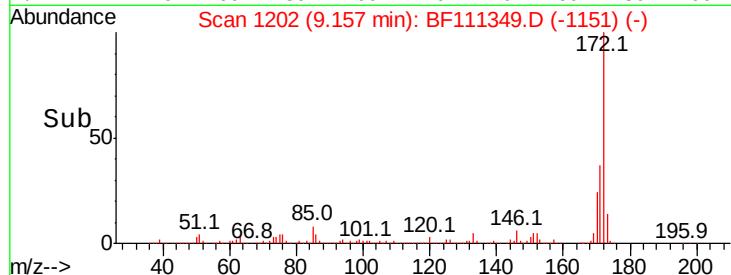
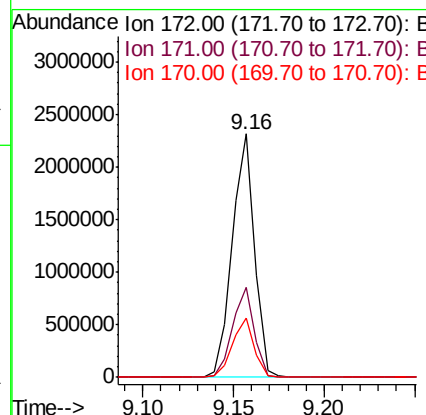
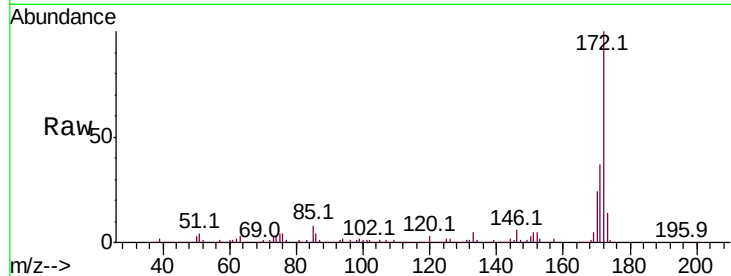
#45
2-Fluorobiphenyl
Concen: 88.678 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	33.0	49.4
170	24.5	22.3	33.5

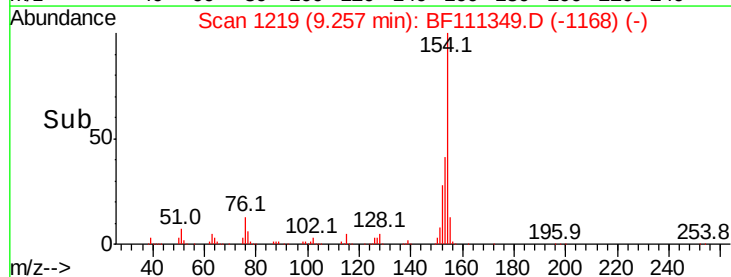
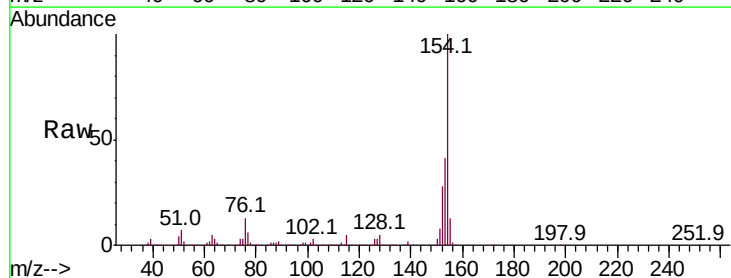
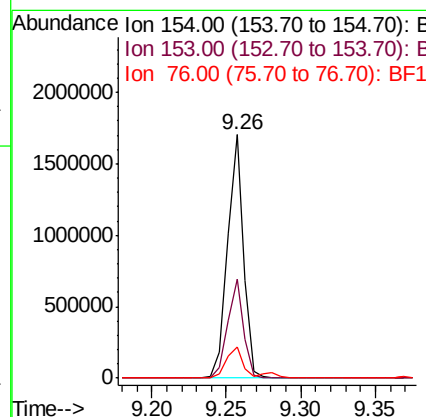
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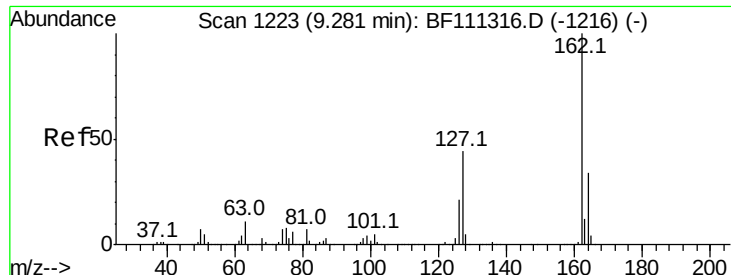
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#46
1,1'-Biphenyl
Concen: 42.215 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.7	63.7
76	13.0	0.0	35.0





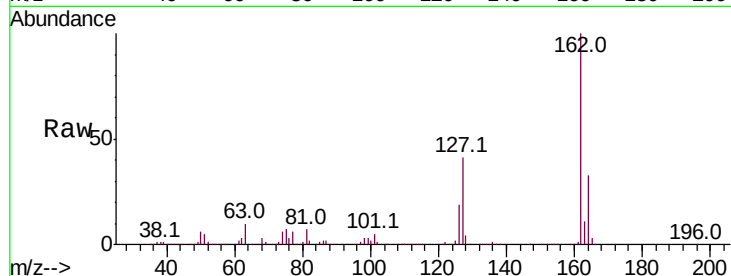
#47
2-Chloronaphthalene
Concen: 41.808 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

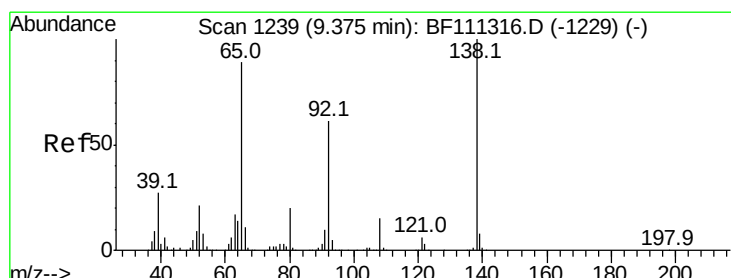
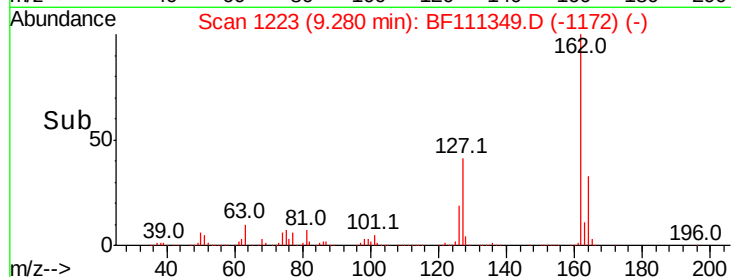
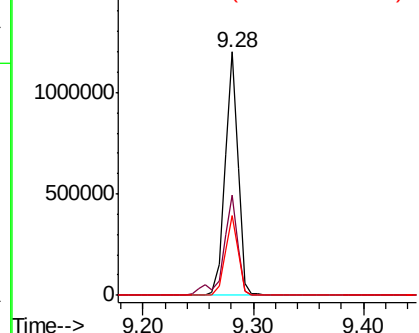
Tot Ion	Ratio	Resp	Lower	Upper
162	100	982762		
127	41.4		35.0	52.4
164	33.0		28.4	42.6

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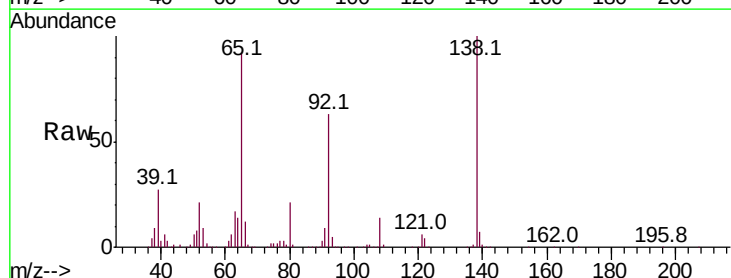


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

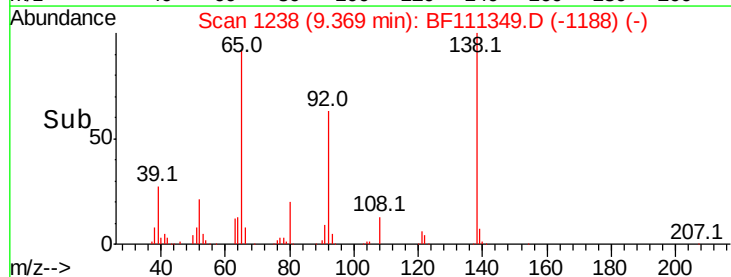
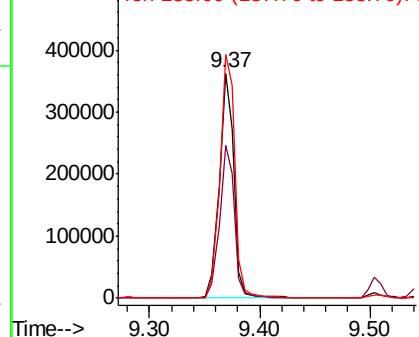


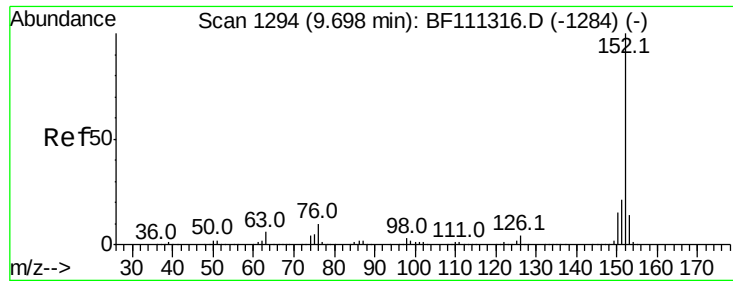
#48
2-Nitroaniline
Concen: 43.065 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	328961		
92	67.9		53.5	80.3
138	108.4		80.9	121.3



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: 41.565 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1427473

Ion Ratio Lower Upper

152 100

151 20.1 18.0 27.0

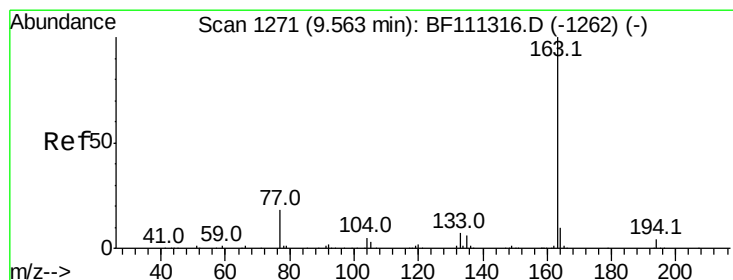
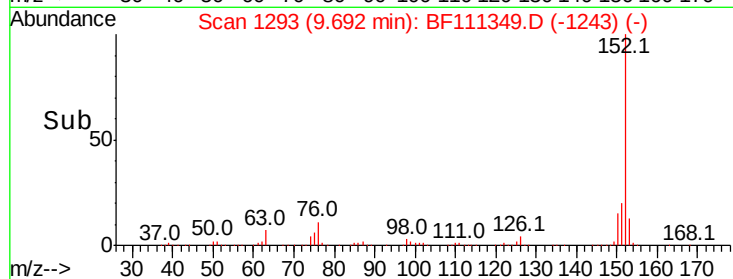
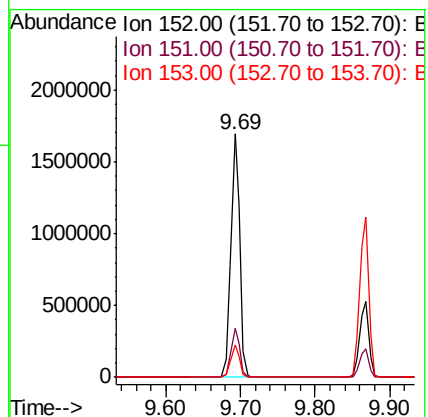
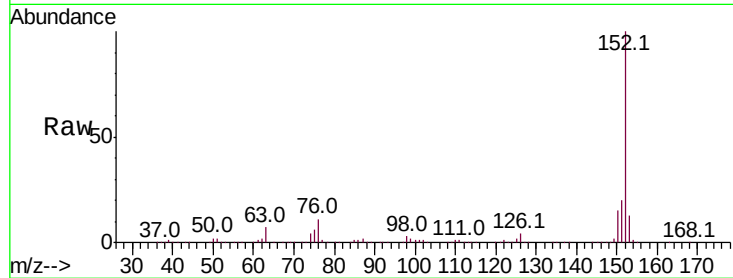
153 13.5 12.3 18.5

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#50

Dimethylphthalate

Concen: 43.042 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

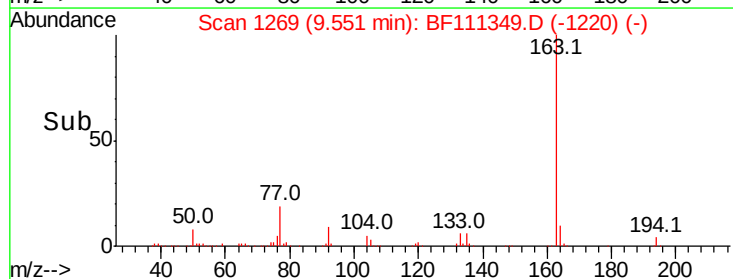
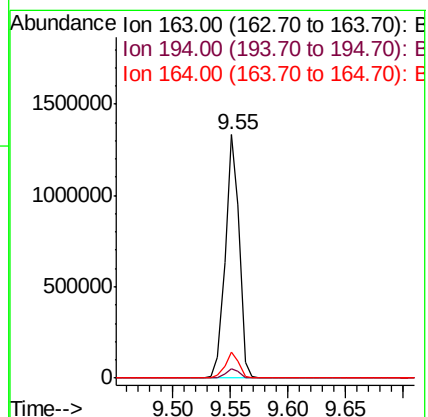
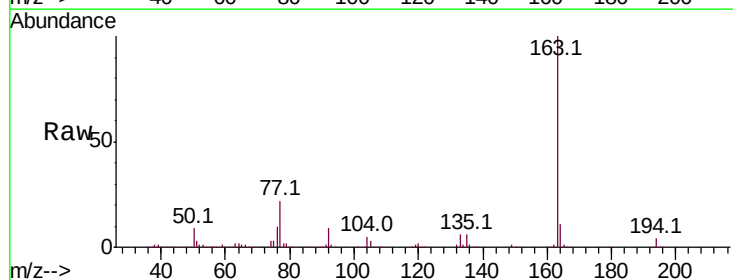
Tgt Ion:163 Resp: 1113482

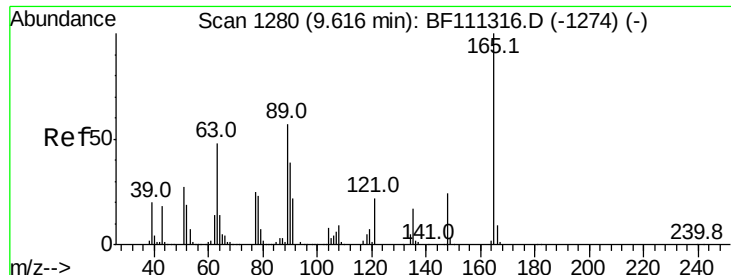
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 10.6 8.9 13.3





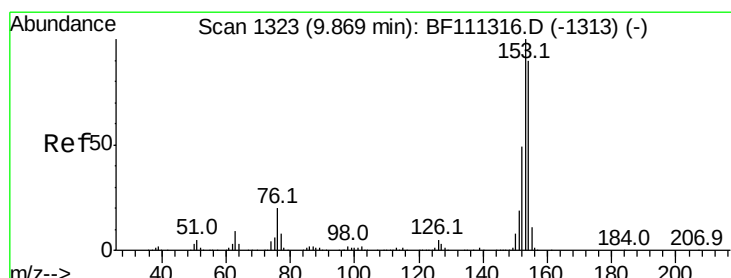
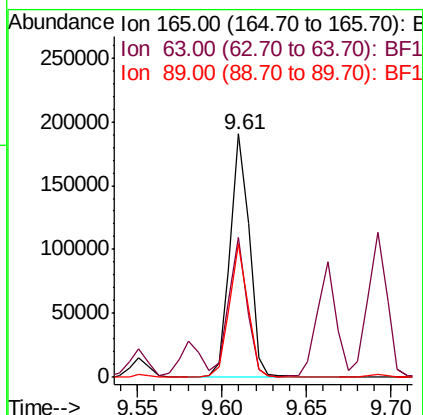
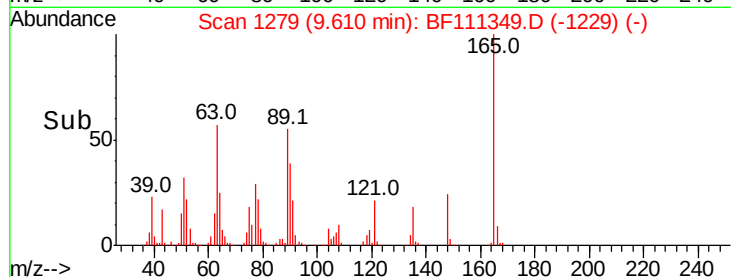
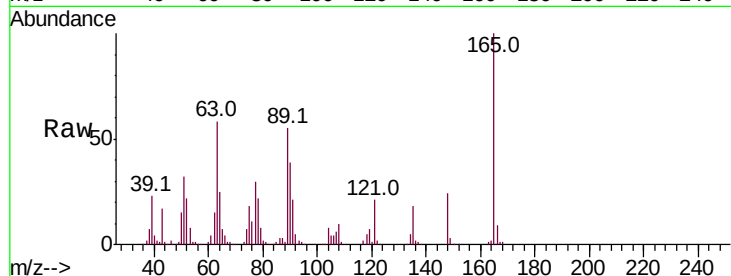
#51
2,6-Dinitrotoluene
Concen: 26.323 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	150946		
63	57.5		40.5	60.7
89	54.8		40.0	60.0

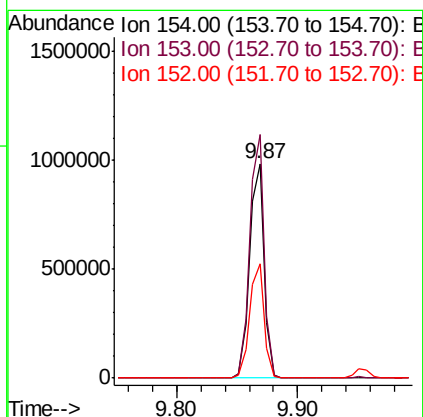
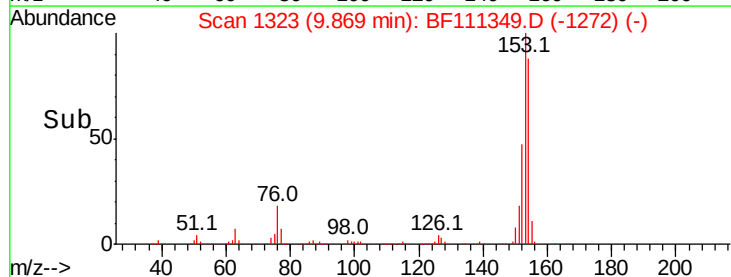
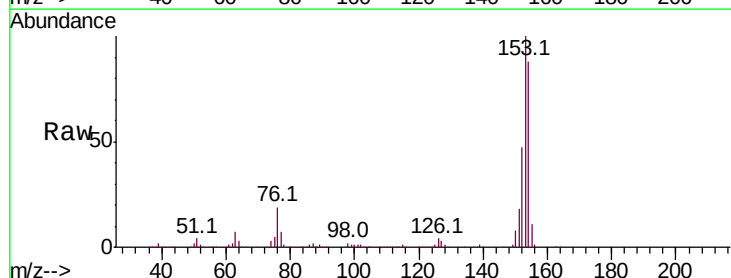
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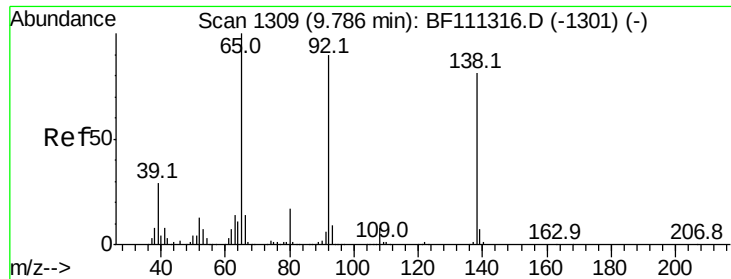
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#52
Acenaphthene
Concen: 38.336 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	830423		
153	113.4		87.8	131.8
152	53.2		43.4	65.2





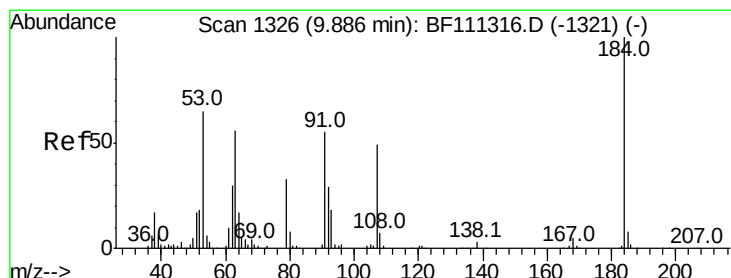
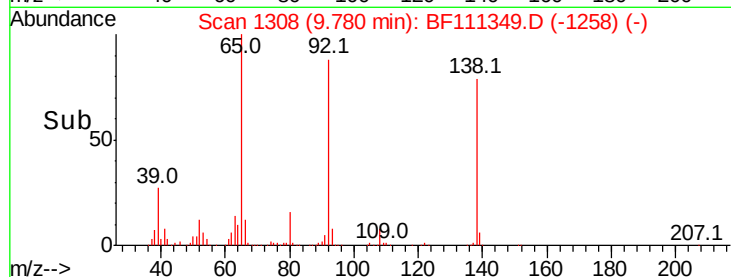
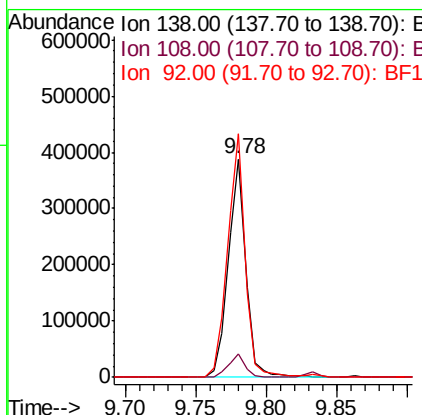
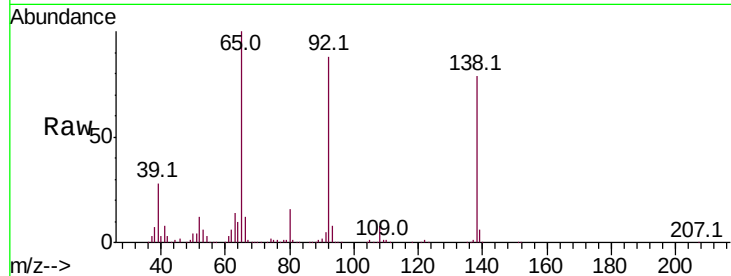
#53
3-Nitroaniline
Concen: 49.011 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.2	12.4
92	111.4	93.4	140.2

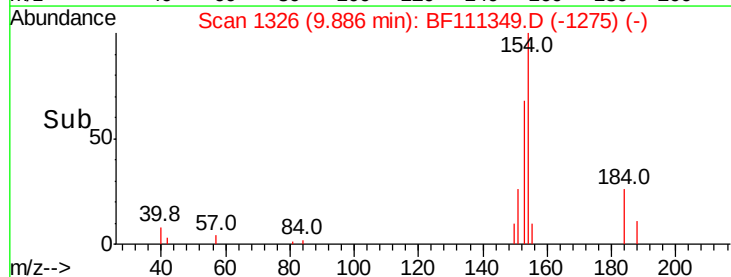
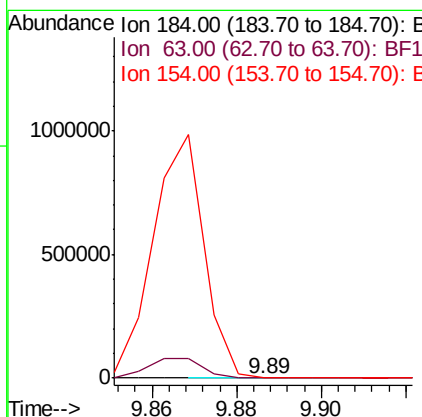
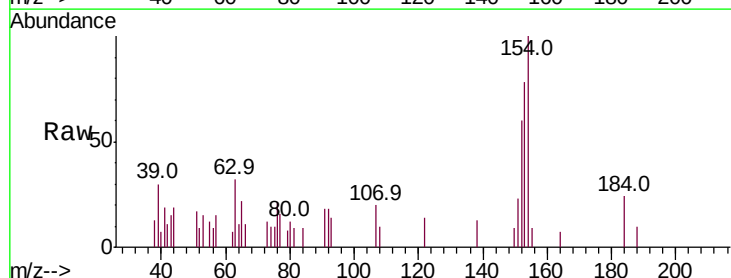
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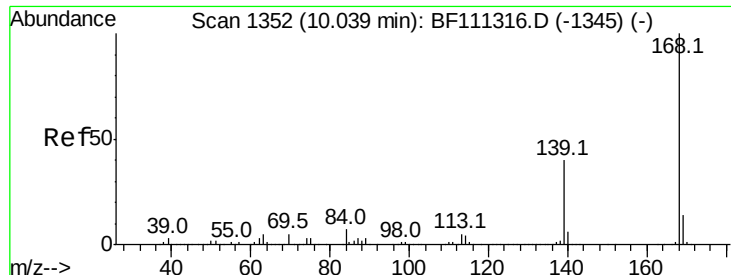
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#54
2,4-Dinitrophenol
Concen: 0.382 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	134.6	62.3	93.5#
154	419.7	56.2	84.2#





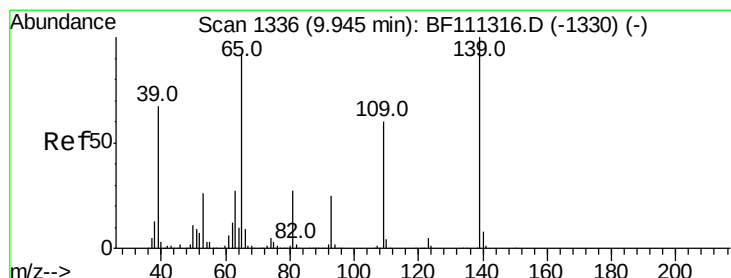
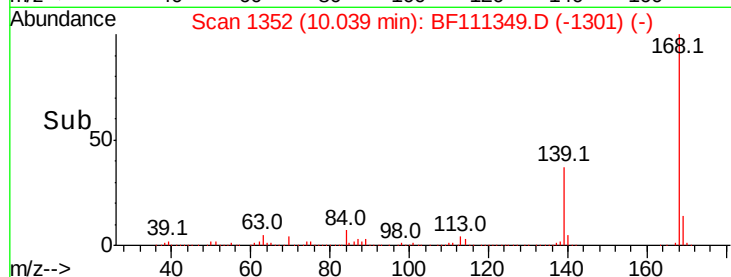
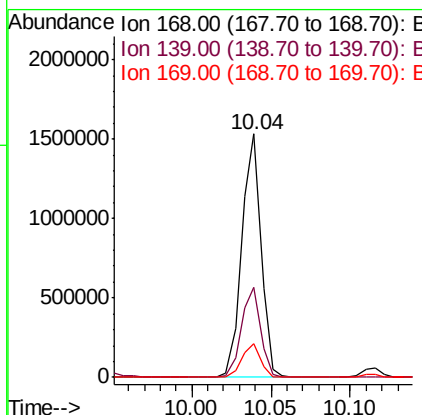
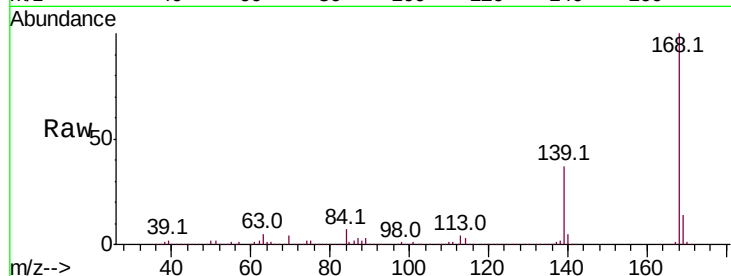
#55
Dibenzenofuran
Concen: 41.173 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1287527
Ion Ratio Lower Upper
168 100
139 36.8 32.6 49.0
169 13.9 11.8 17.6

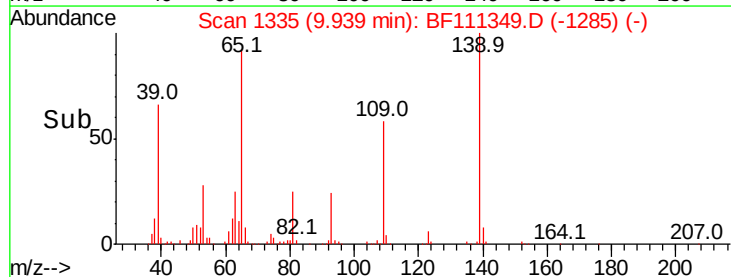
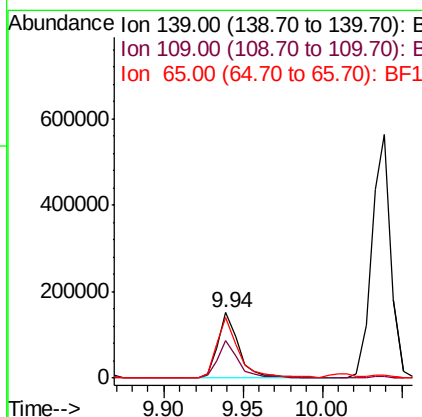
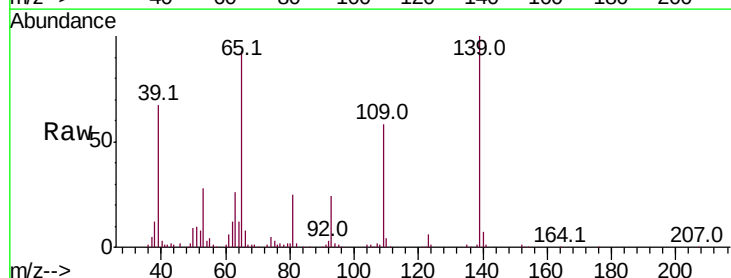
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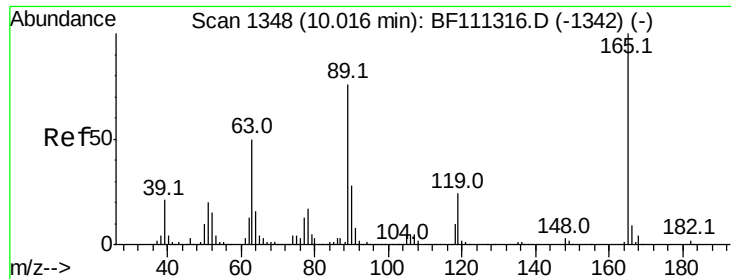
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#56
4-Nitrophenol
Concen: 28.571 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion:139 Resp: 141813
Ion Ratio Lower Upper
139 100
109 57.9 41.8 81.8
65 92.5 79.6 119.6





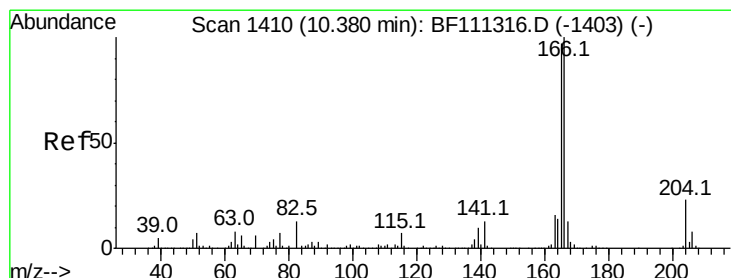
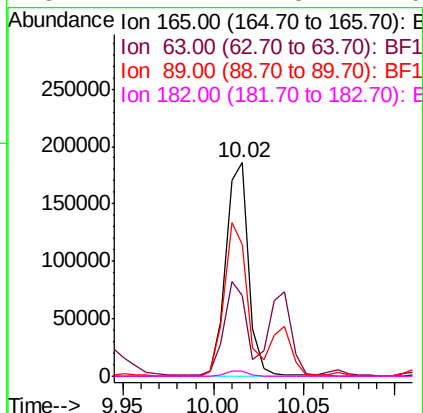
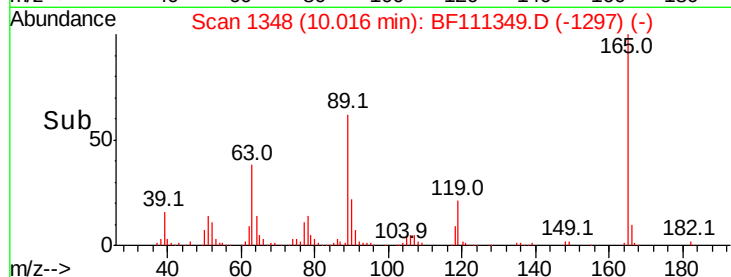
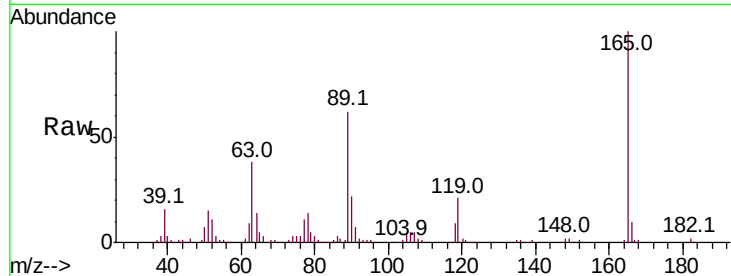
#57
2,4-Dinitrotoluene
Concen: 22.281 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	163752		
63	37.9		34.6	52.0
89	62.0		56.2	84.4
182	2.2		1.8	2.6

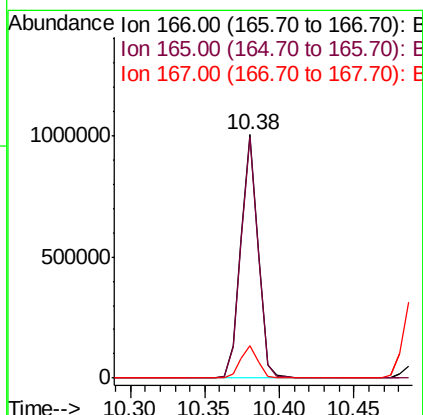
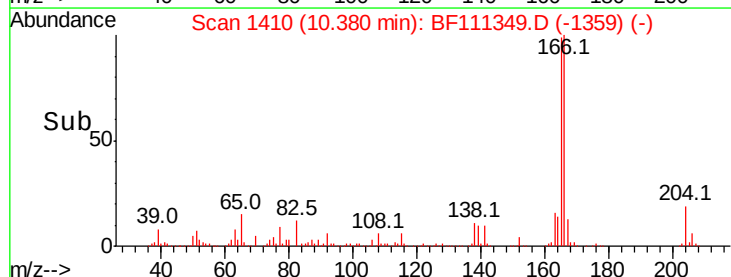
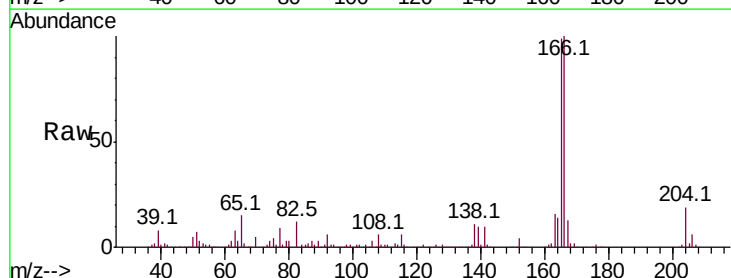
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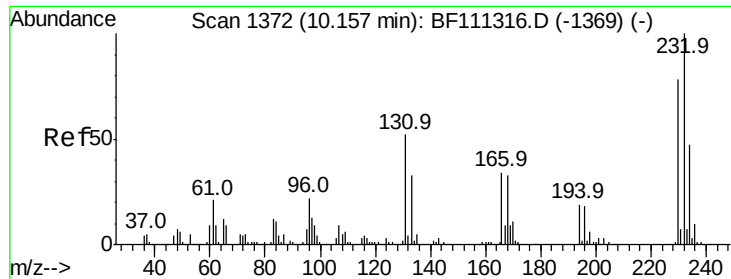
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#58
Fluorene
Concen: 36.285 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	811697		
165	99.0		78.4	117.6
167	13.2		11.2	16.8





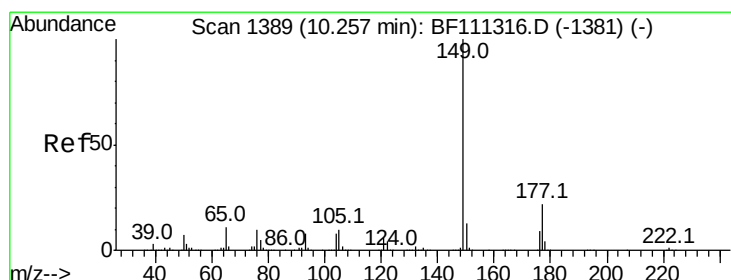
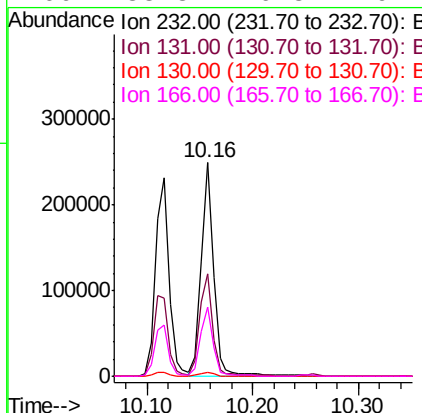
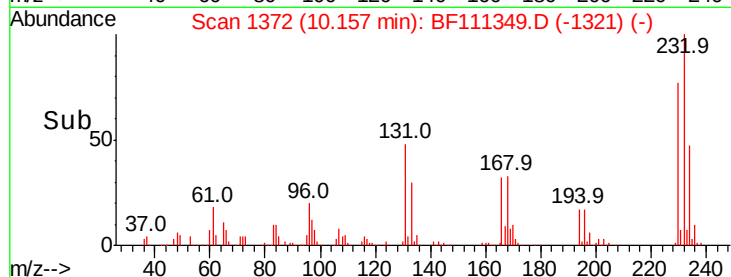
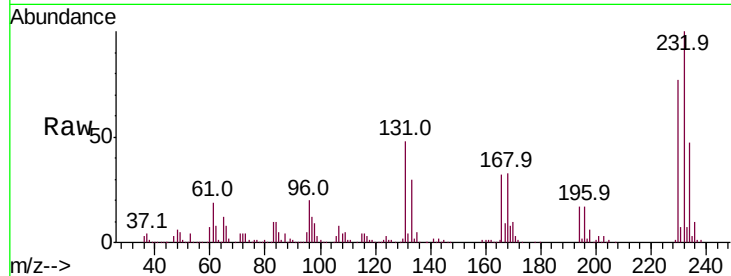
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.081 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	201387		
131	49.7	40.9	61.3	
130	2.1	2.0	3.0	
166	33.3	26.8	40.2	

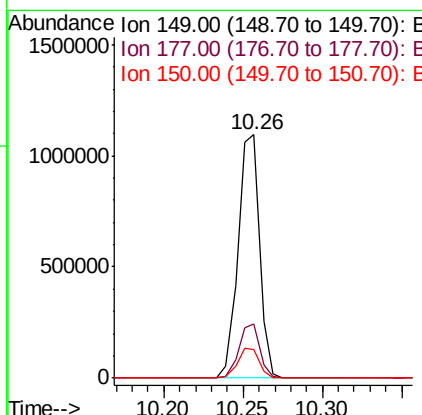
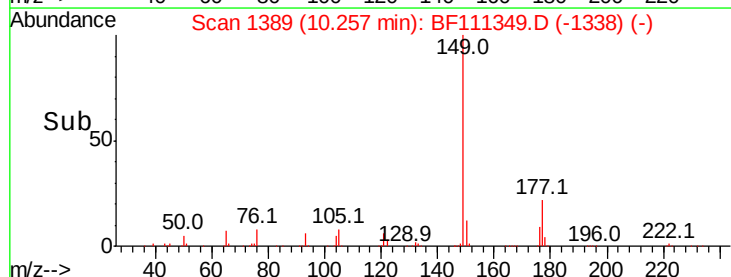
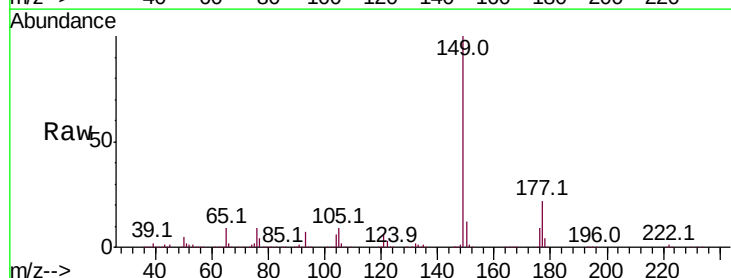
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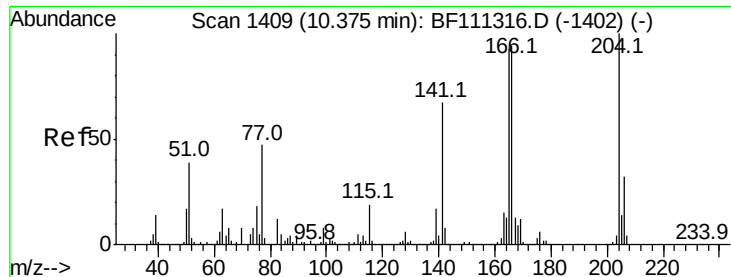
Sohil
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#60
Diethylphthalate
Concen: 39.569 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1030542		
177	22.0	18.3	27.5	
150	12.0	10.6	15.8	





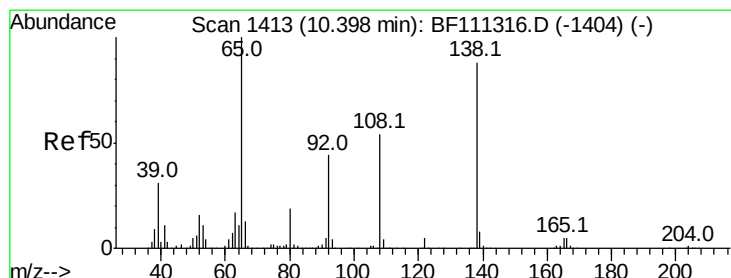
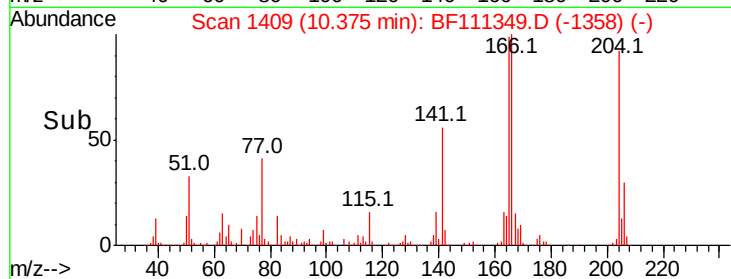
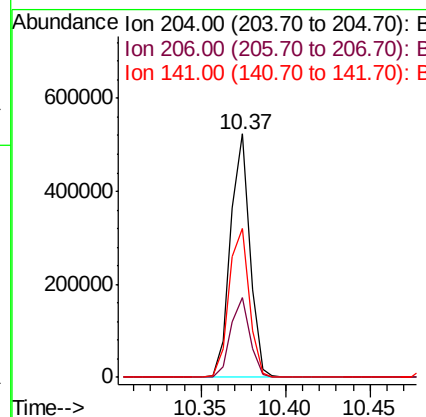
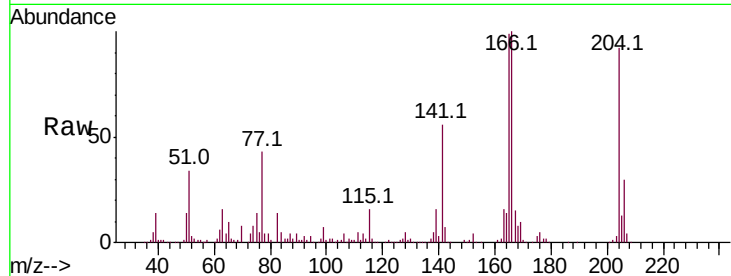
#61
 4-Chlorophenyl-phenylether
 Concen: 37.622 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF111349.D
 Acq: 13 Dec 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	417221
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.6	39.8
141	61.1	52.6	78.8

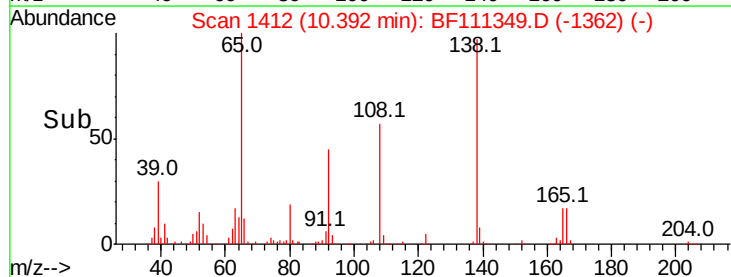
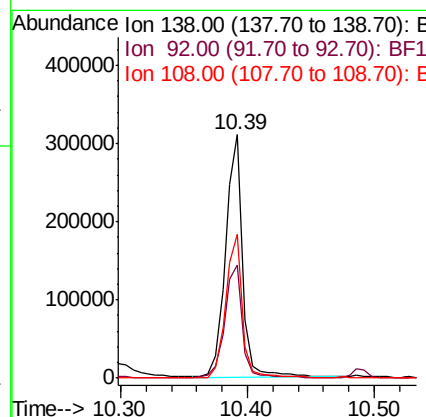
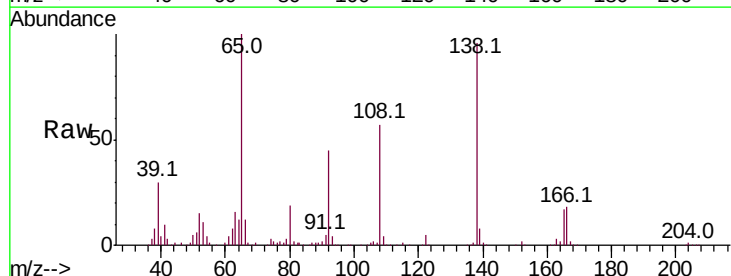
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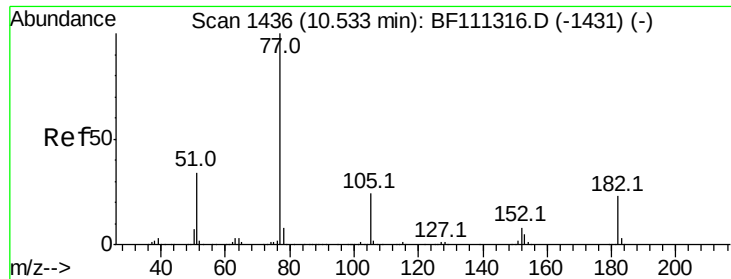
Sohil
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#62
 4-Nitroaniline
 Concen: 43.974 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF111349.D
 Acq: 13 Dec 2018 4:24

Tgt Ion:	138	Resp:	291332
Ion Ratio	Lower	Upper	
138	100		
92	46.5	29.9	69.9
108	59.1	43.2	83.2





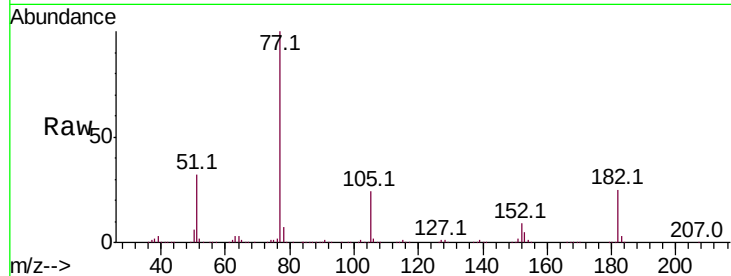
#63
Azobenzene
Concen: 36.771 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

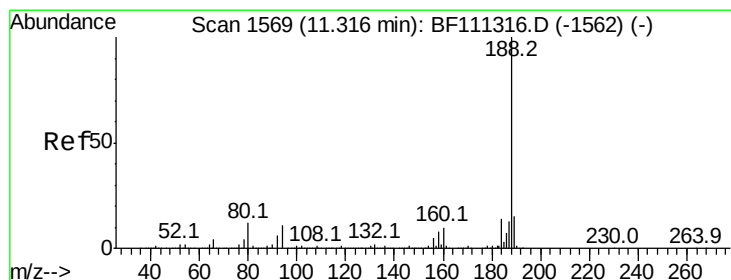
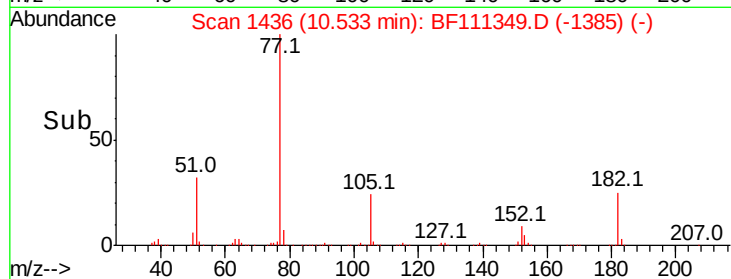
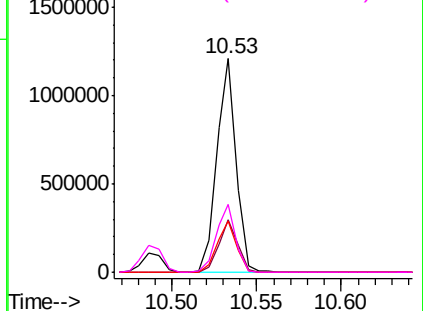
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.9	44.9
105	24.0	6.0	46.0
51	31.8	14.7	54.7

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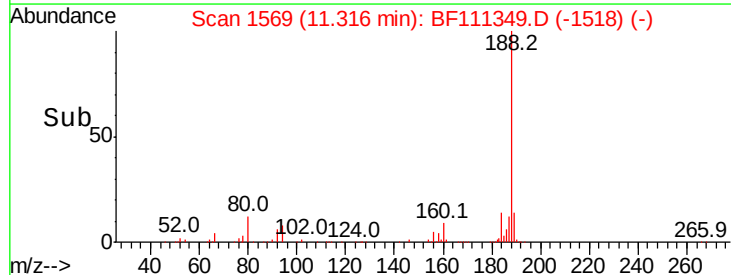
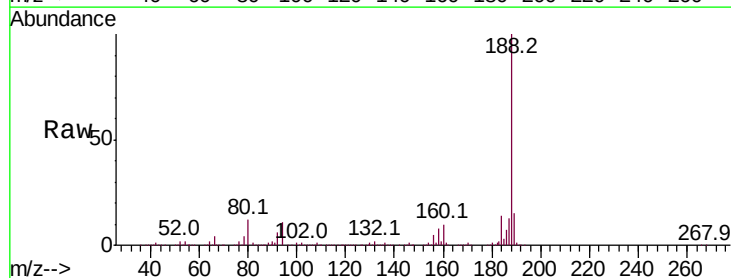
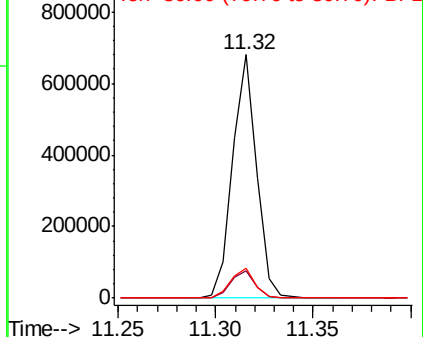
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

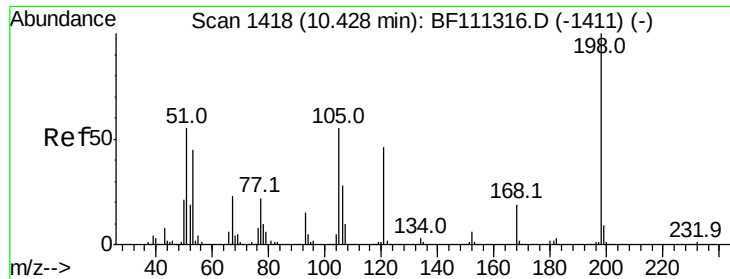


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.6	14.4
80	12.1	9.8	14.6

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





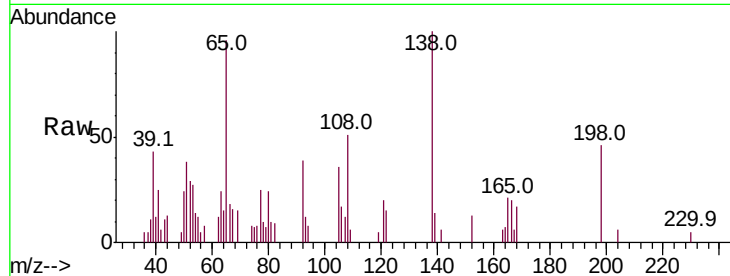
#65
4,6-Dinitro-2-methylphenol
Concen: 0.665 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	2223		
51	82.8		48.0	88.0
105	78.7		34.0	74.0

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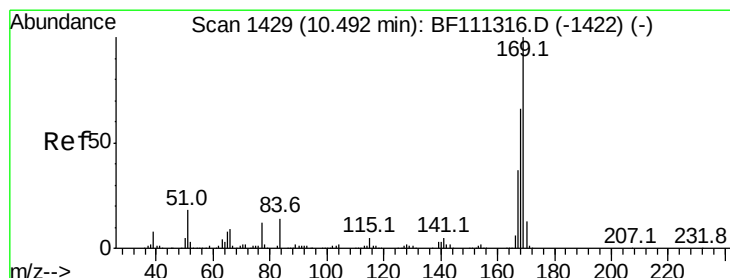
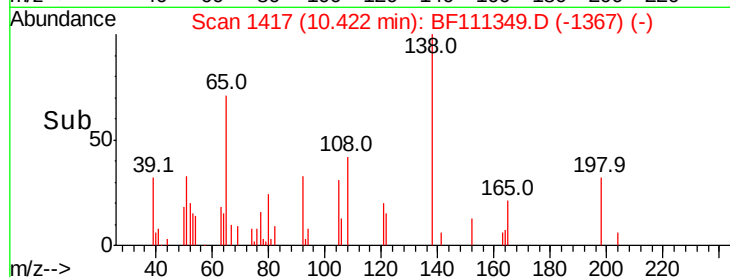
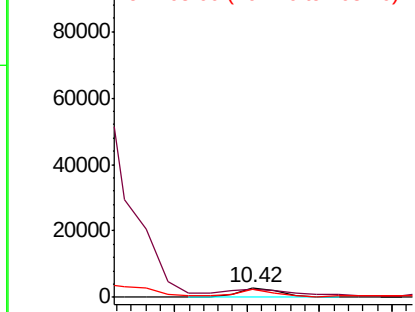


Abundance

Ion 198.00 (197.70 to 198.70): E

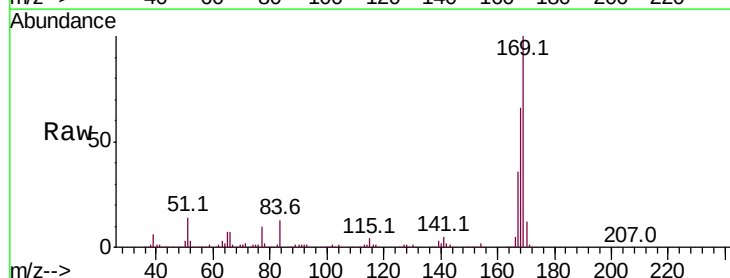
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 40.759 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	843686		
168	66.2		54.4	81.6
167	36.0		30.5	45.7

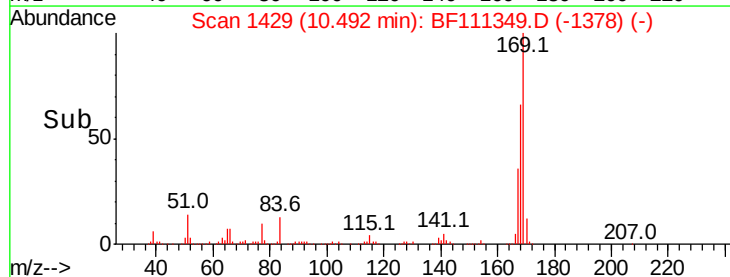
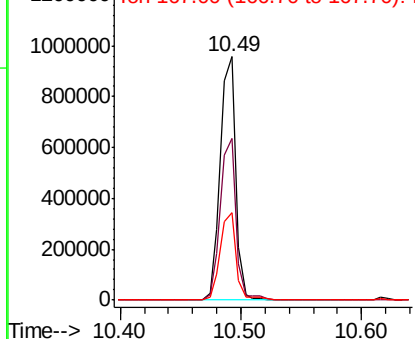


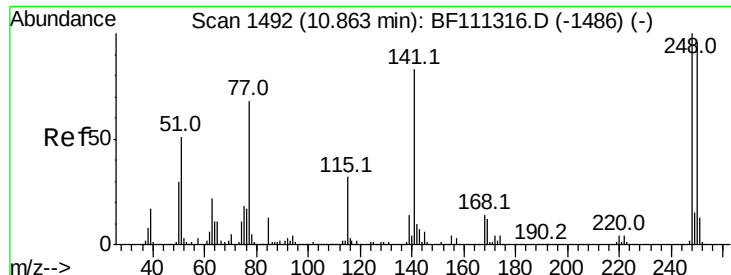
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





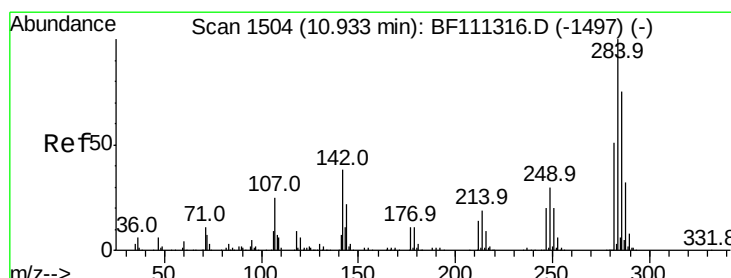
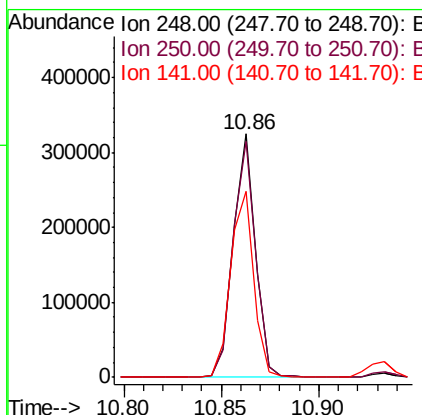
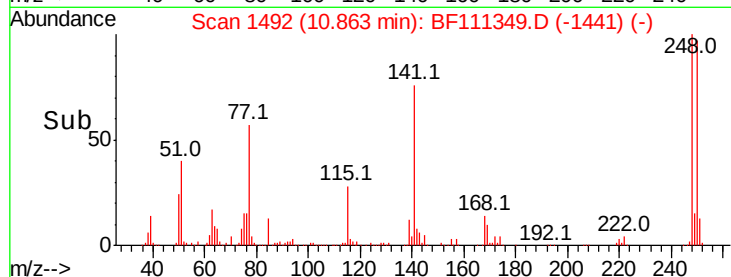
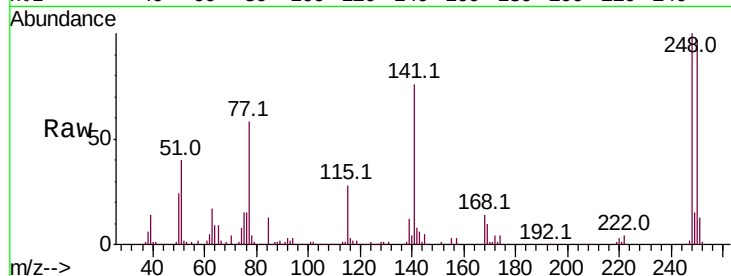
#67
4-Bromophenyl-phenylether
Concen: 39.677 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.4
141	76.3	63.0	94.6

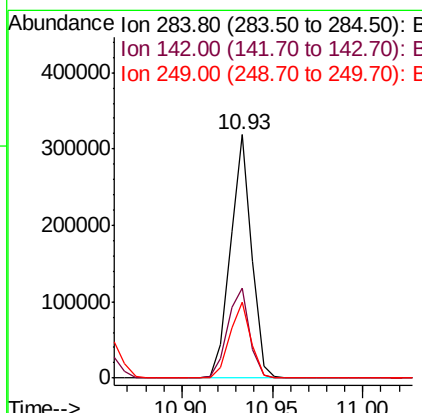
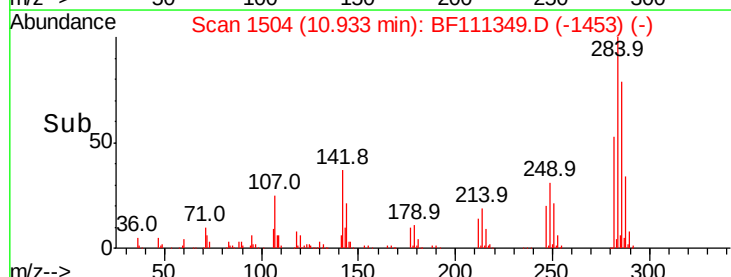
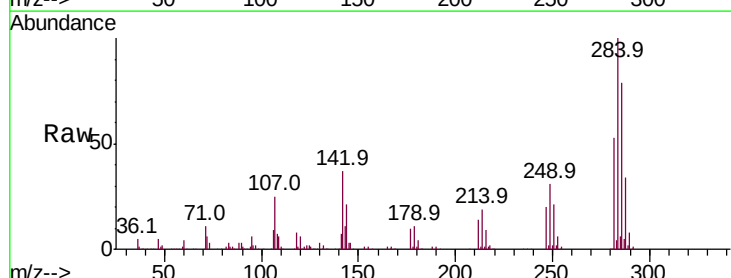
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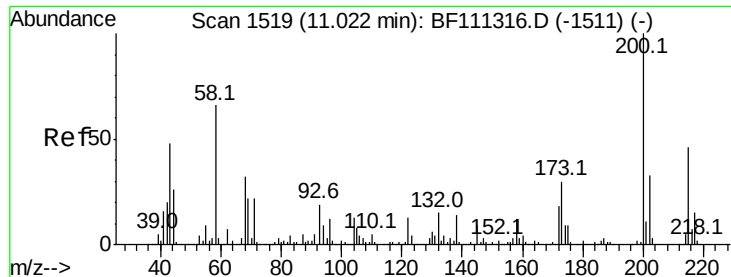
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#68
Hexachlorobenzene
Concen: 38.650 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.0	27.4	41.2
249	31.4	24.4	36.6





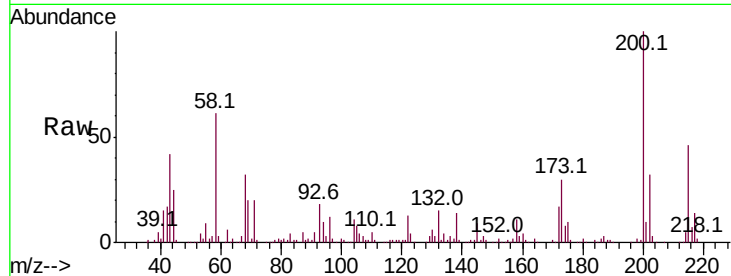
#69
Atrazine
Concen: 30.064 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.0	10.1	50.1
215	46.1	26.9	66.9

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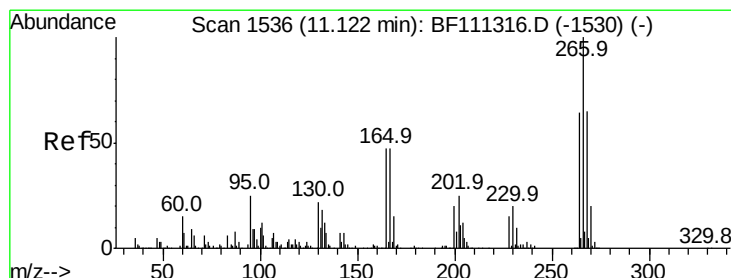
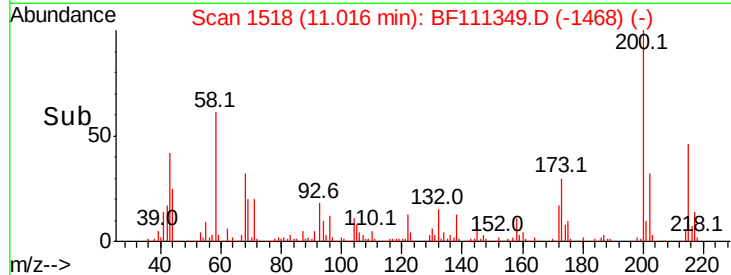
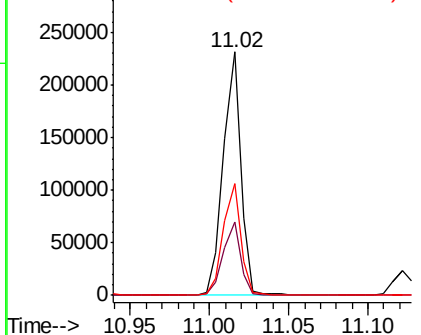


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 28.092 ng m
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

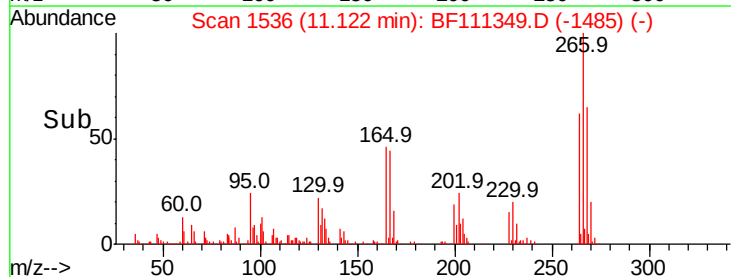
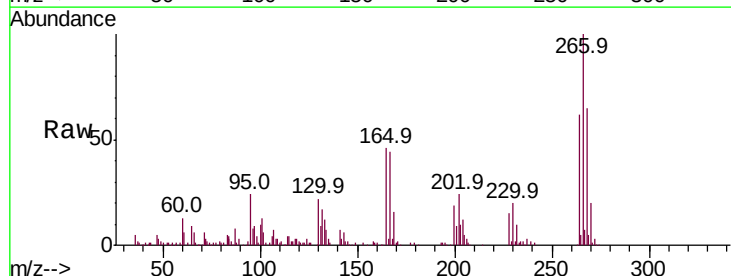
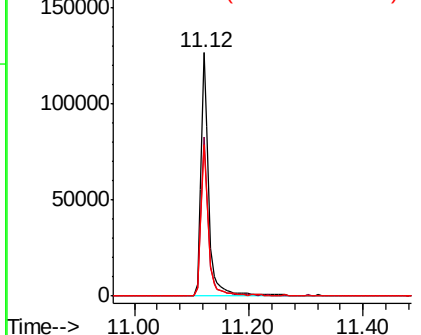
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	47.9	71.9
264	62.4	49.1	73.7

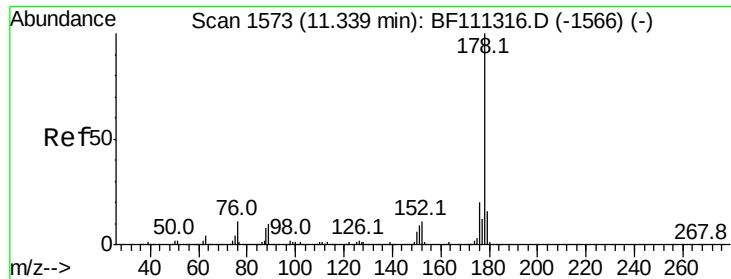
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.564 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1250155

Ion Ratio Lower Upper

178 100

176 19.3 18.1 27.1

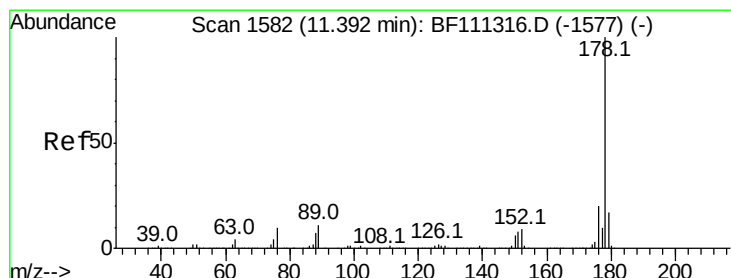
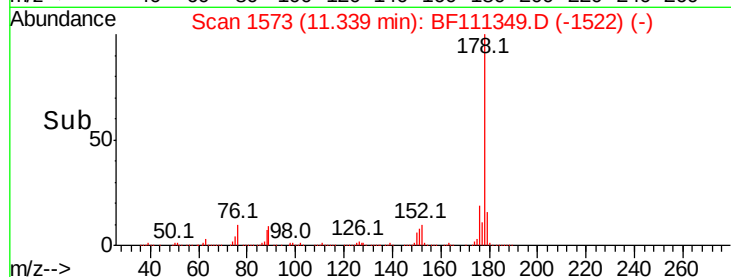
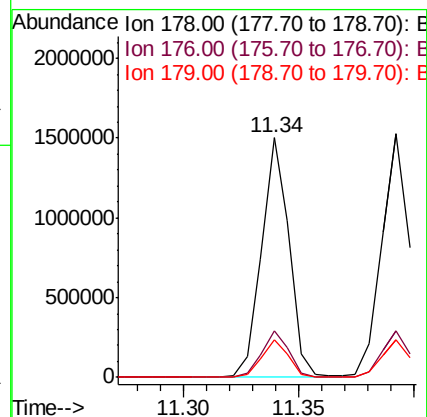
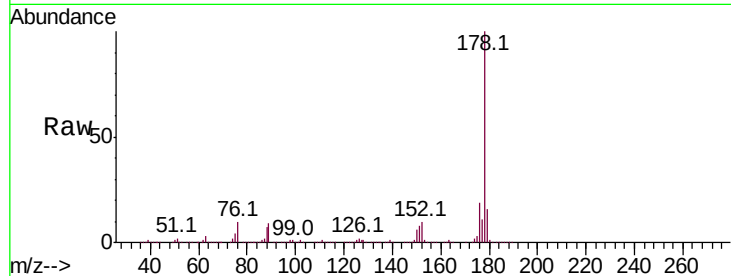
179 15.9 14.0 21.0

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#72

Anthracene

Concen: 42.082 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

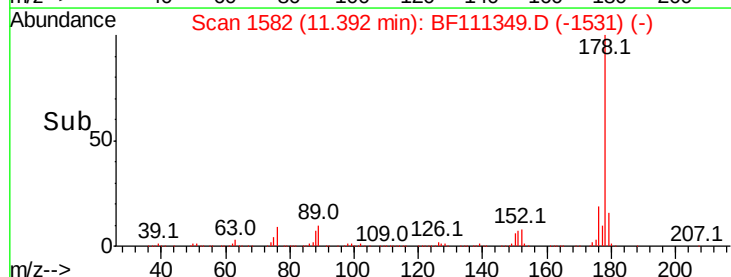
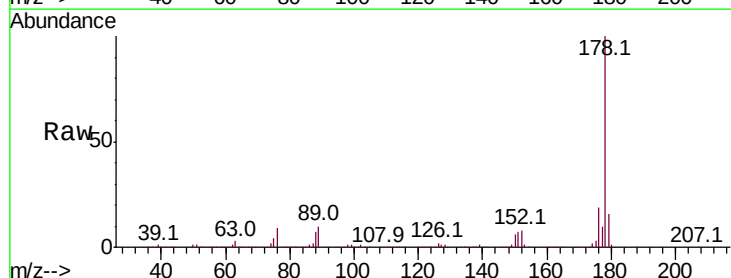
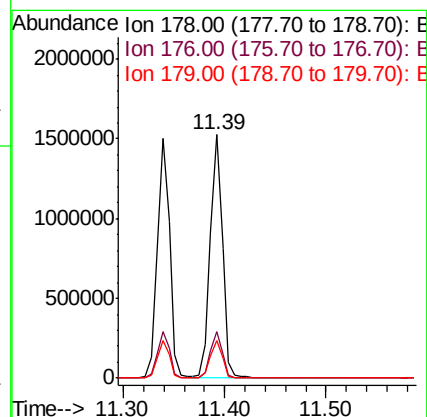
Tgt Ion:178 Resp: 1288817

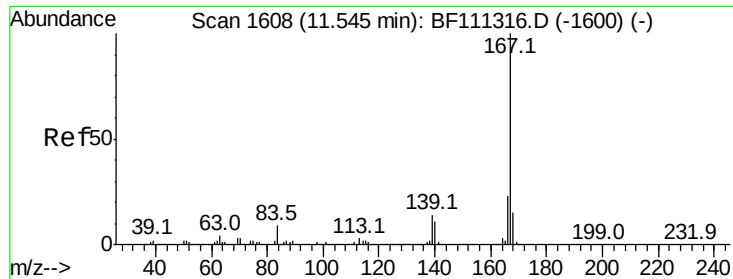
Ion Ratio Lower Upper

178 100

176 18.9 17.2 25.8

179 15.7 13.8 20.8





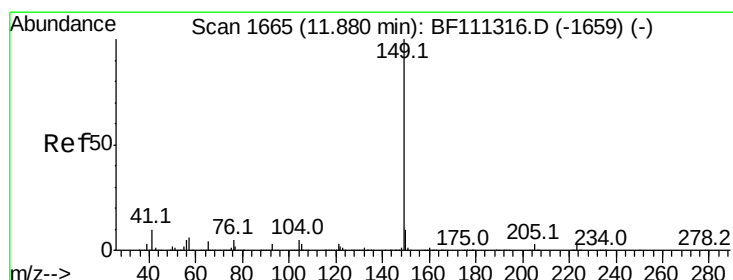
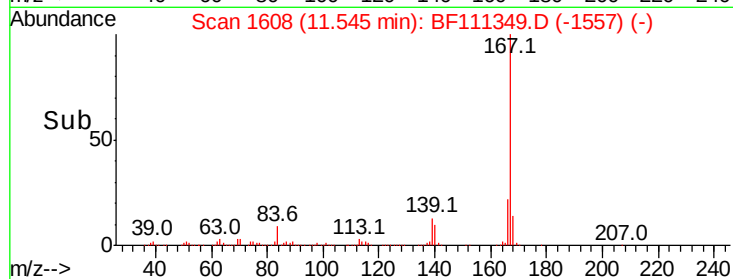
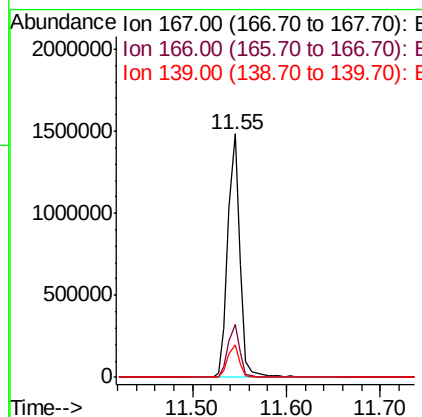
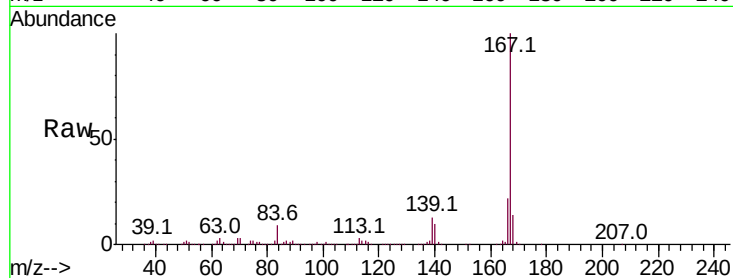
#73
 Carbazole
 Concen: 42.139 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111349.D
 Acq: 13 Dec 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	19.3	28.9
139	13.2	11.9	17.9

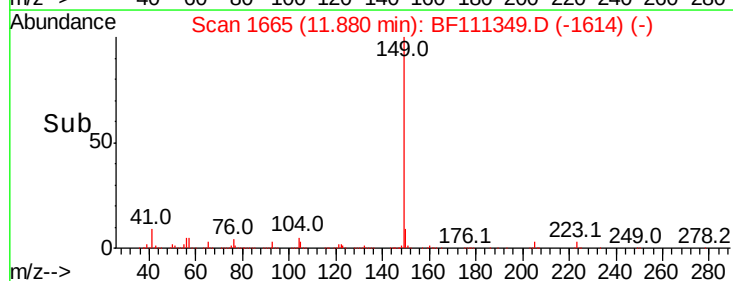
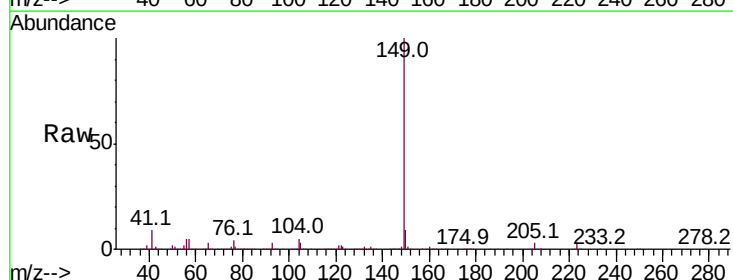
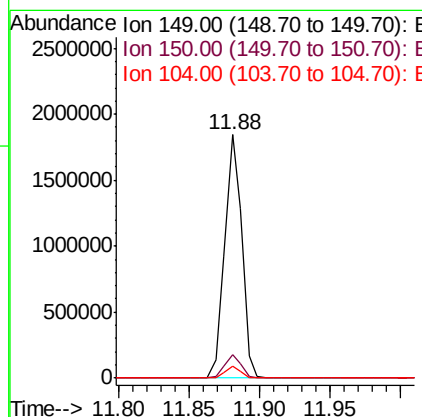
Manual Integrations
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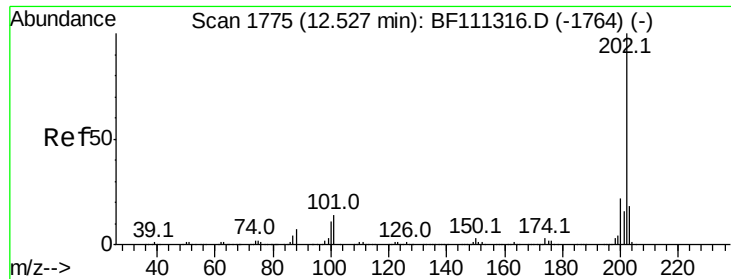
Sohil
 12/13/2018 6:07:18 PM



#74
 Di-n-butylphthalate
 Concen: 43.026 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111349.D
 Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.8	13.2
104	4.7	4.5	6.7





#75

Fluoranthene

Concen: 40.740 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

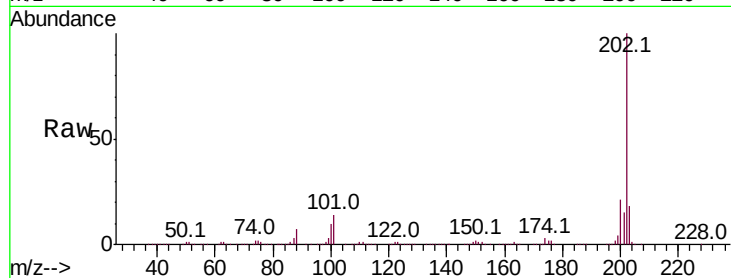
ClientSampleId :

SSTDCCC040

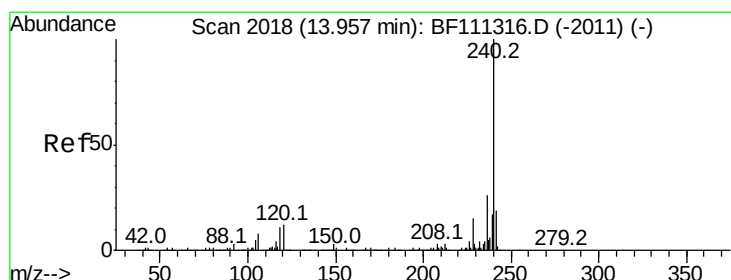
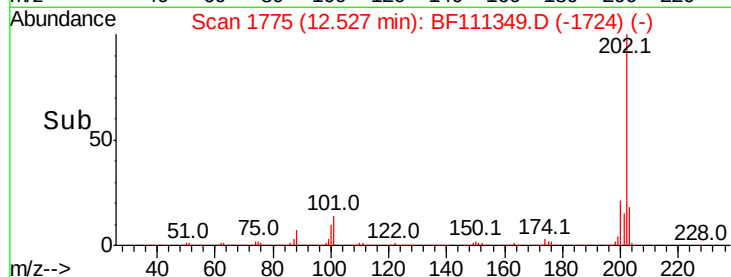
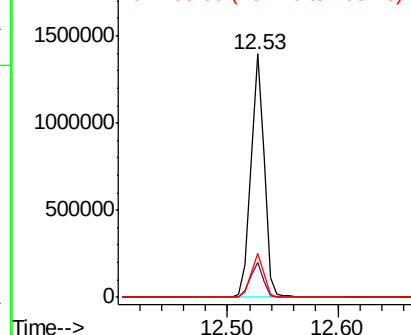
Tot Ion:	202	Resp:	1196218
Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.8
203	18.0	0.0	38.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

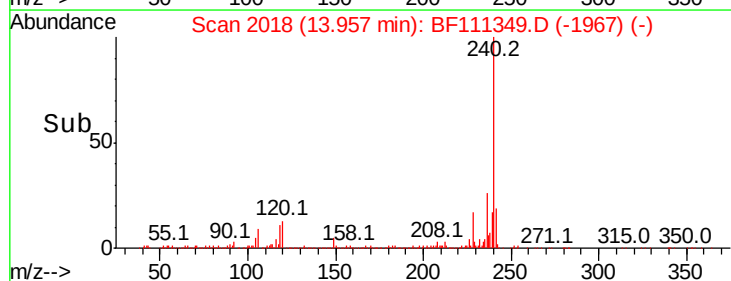
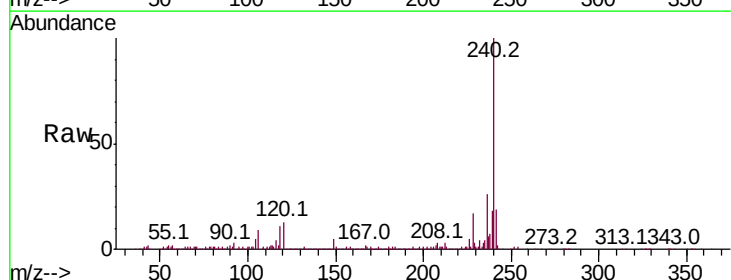
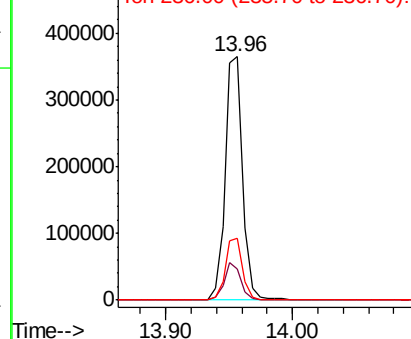
Delta R.T. -0.00 min

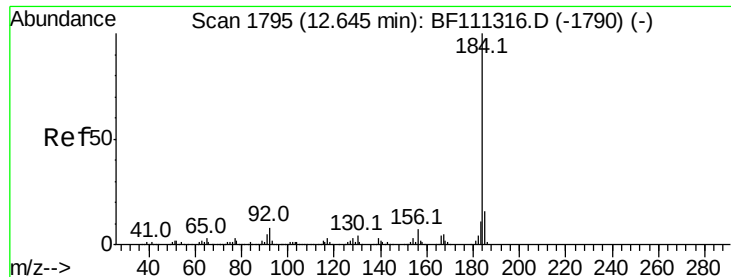
Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Tgt Ion:	240	Resp:	351213
Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.2	18.2
236	25.5	20.2	30.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 115.837 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

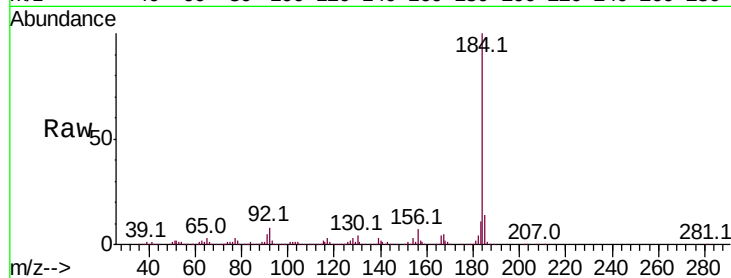
ClientSampleId :

SSTDCCC040

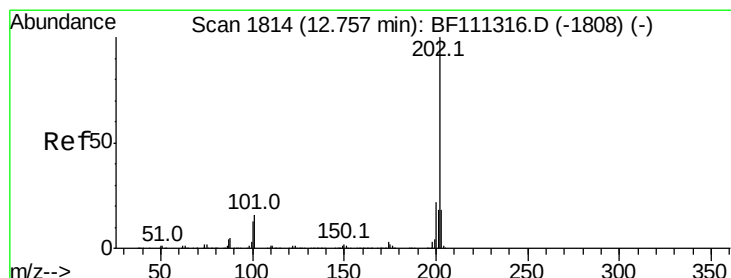
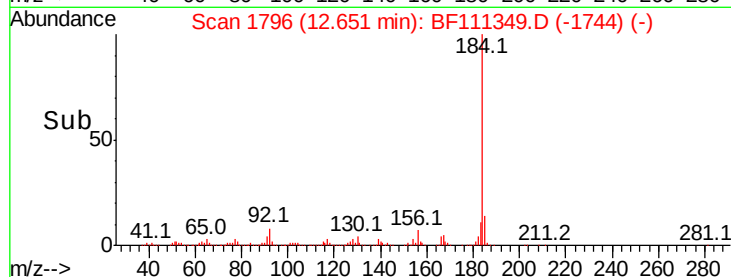
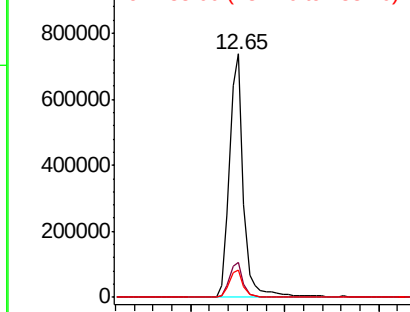
Tot Ion:	184	Resp:	767761
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.0	19.6
183	11.0	9.3	13.9

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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: 43.684 ng

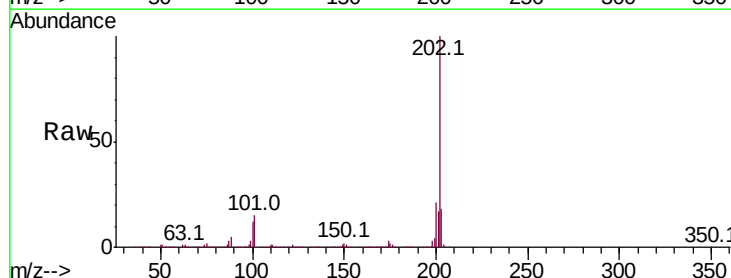
RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

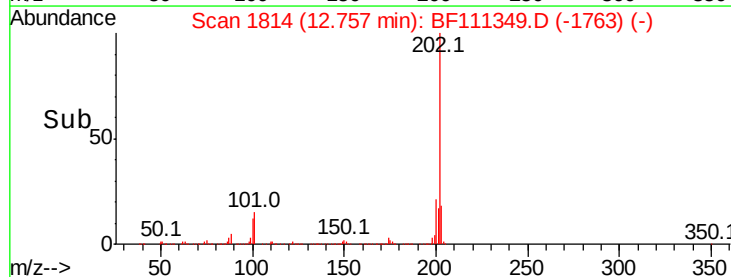
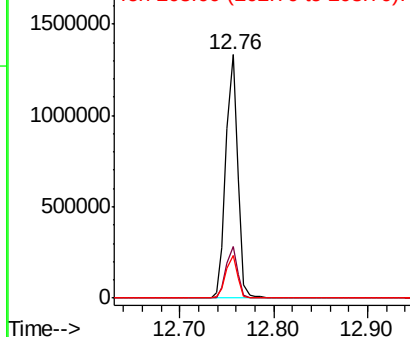
Lab File: BF111349.D

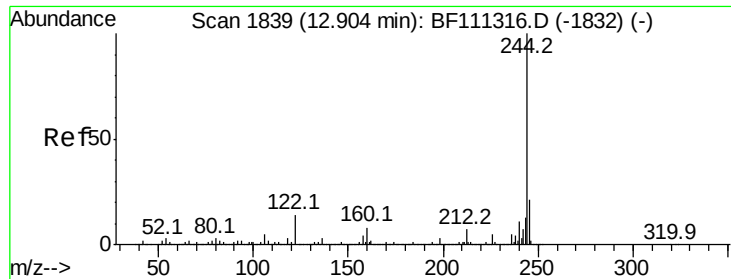
Acq: 13 Dec 2018 4:24

Tgt Ion:	202	Resp:	1184073
Ion Ratio	Lower	Upper	
202	100		
200	21.1	19.0	28.4
203	17.6	15.2	22.8



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





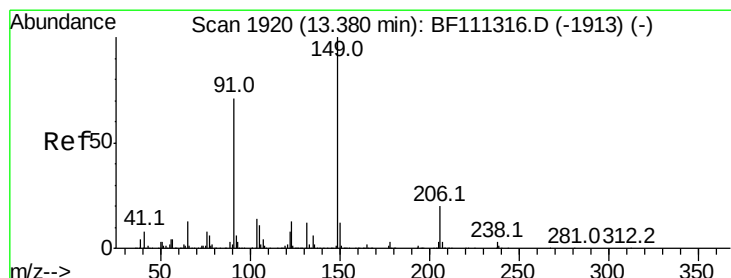
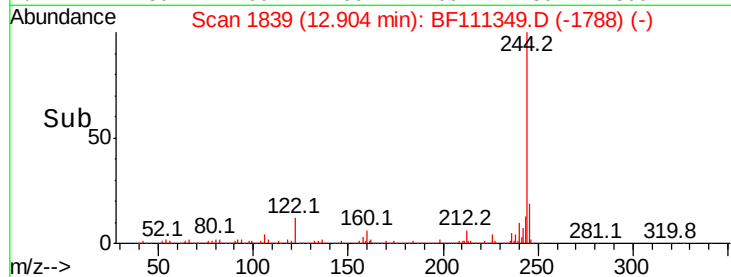
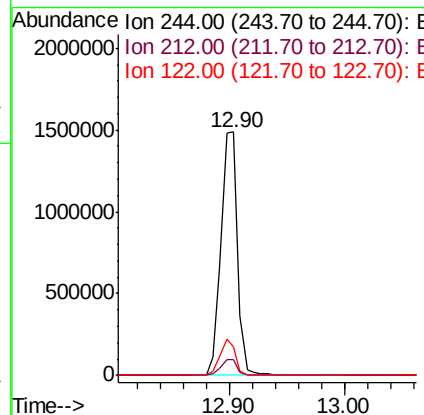
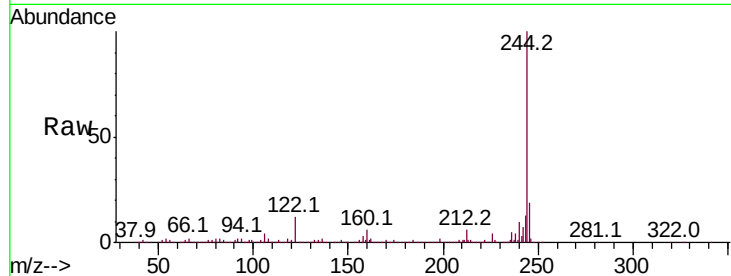
#79
 Terphenyl-d14
 Concen: 92.566 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111349.D
 Acq: 13 Dec 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	11.9	13.1	19.7

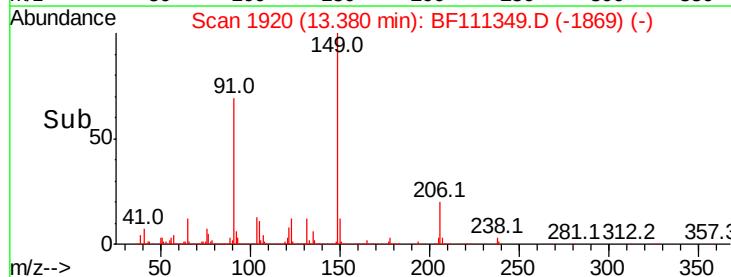
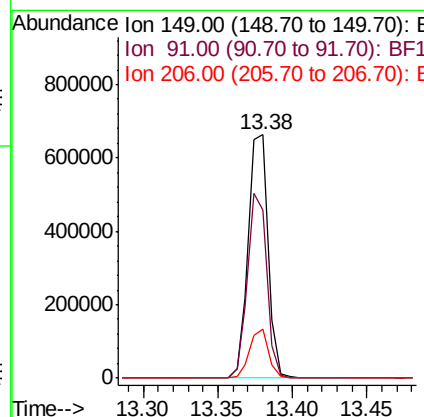
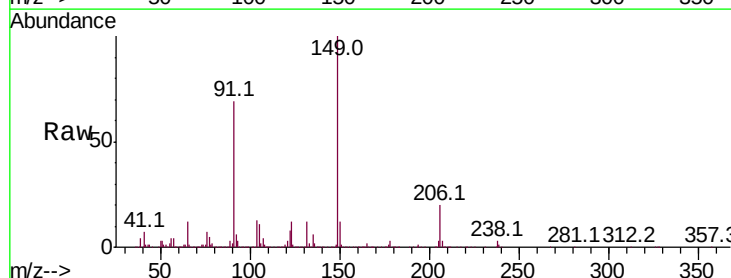
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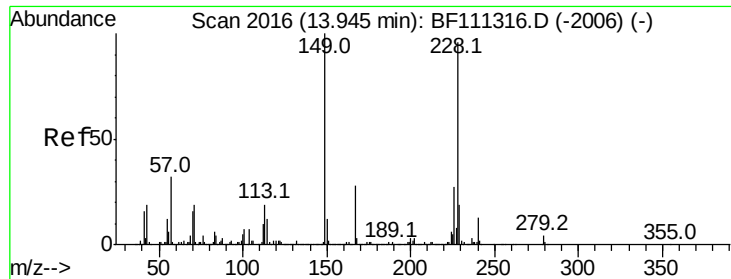
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#80
 Butylbenzylphthalate
 Concen: 47.251 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BF111349.D
 Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	63.8	95.6
206	20.2	15.1	22.7





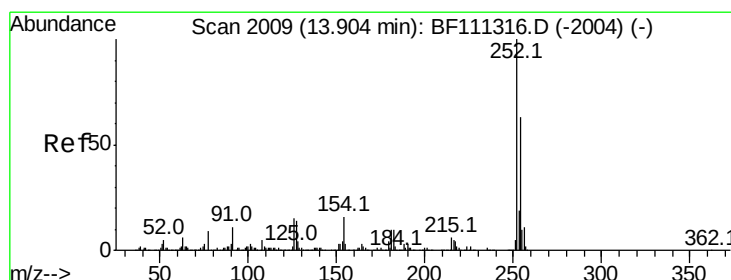
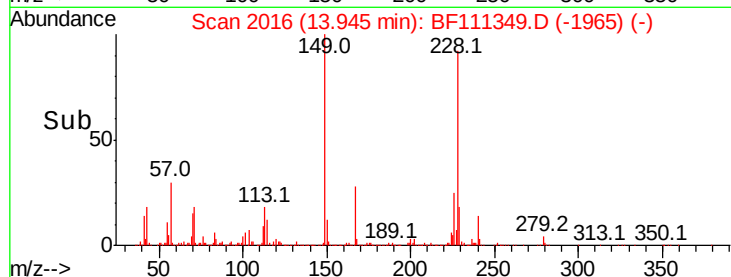
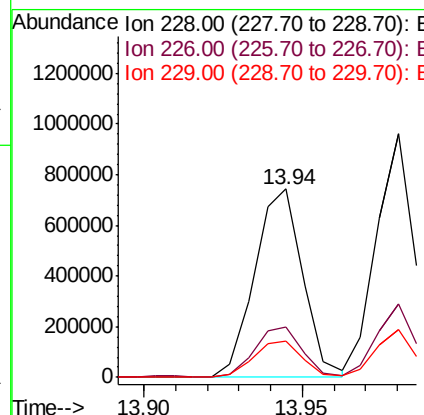
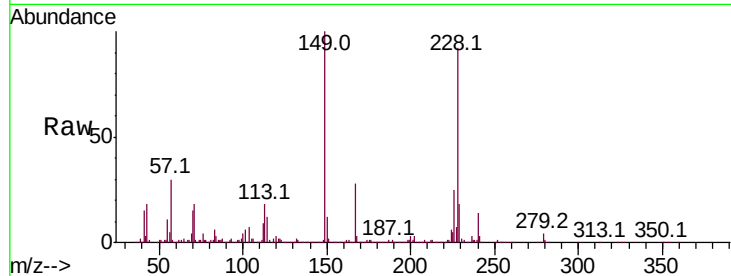
#81
Benzo(a)anthracene
Concen: 39.789 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	34.0
229	19.5	16.3	24.5

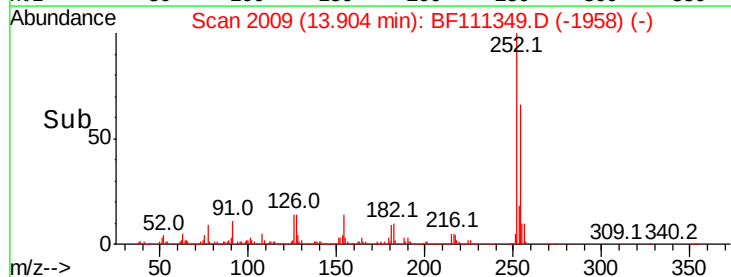
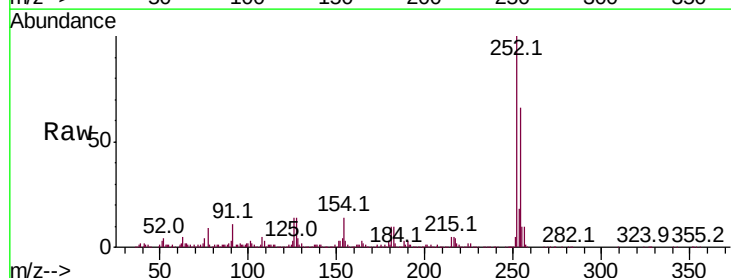
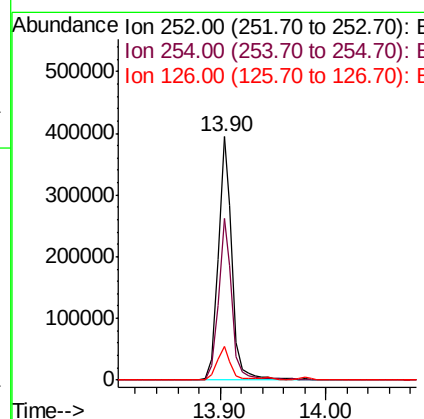
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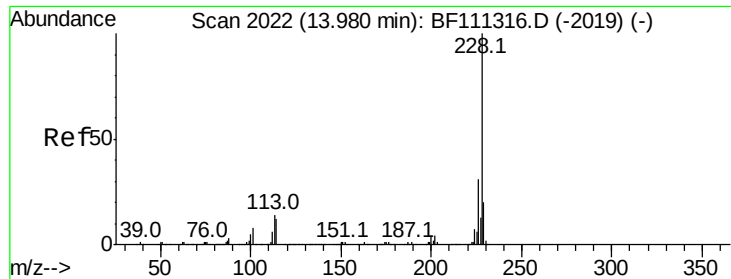
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 49.089 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.7	79.1
126	13.9	11.1	16.7





#83

Chrysene

Concen: 40.297 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

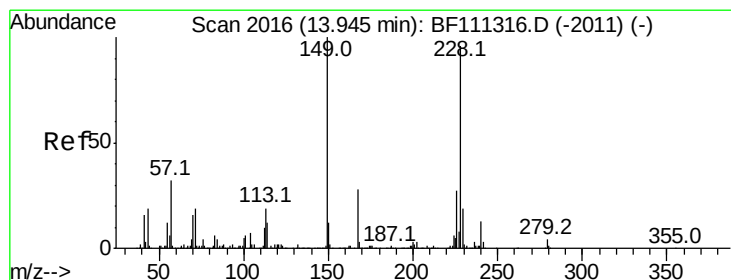
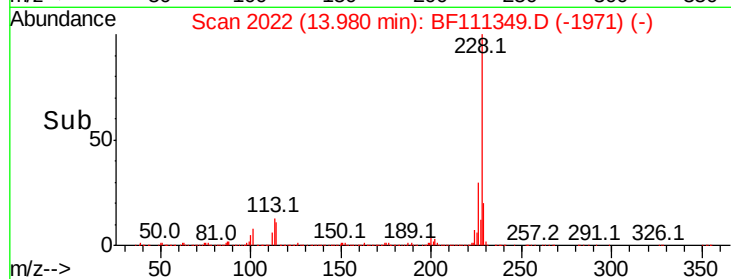
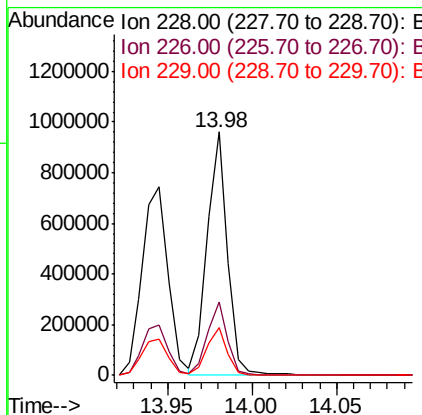
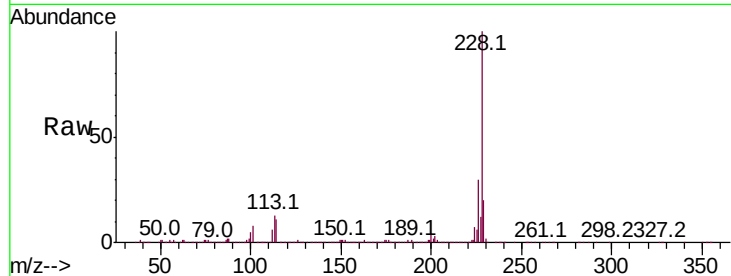
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	807906
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.3	37.9
229	19.6	17.2	25.8

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 49.029 ng

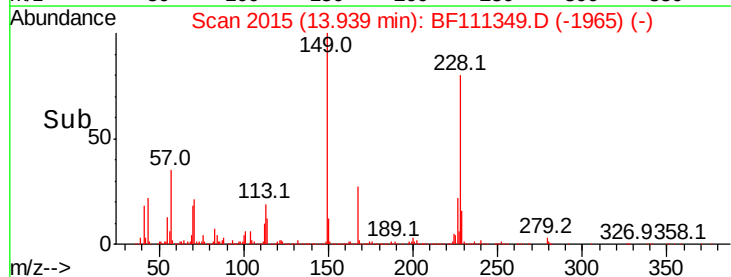
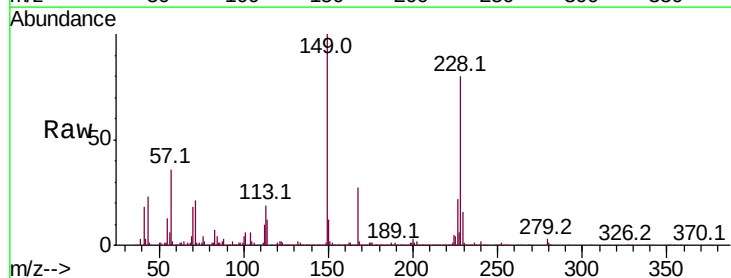
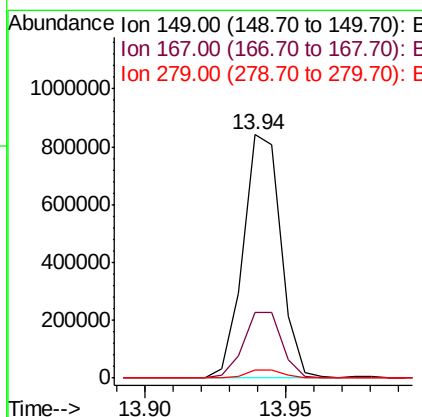
RT: 13.94 min Scan# 2015

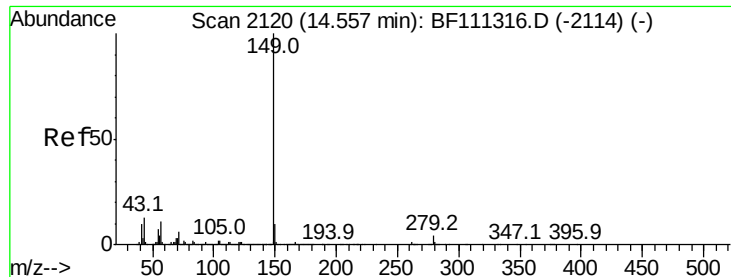
Delta R.T. -0.01 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Tgt Ion:	149	Resp:	780057
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.5	33.7
279	3.2	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 47.183 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1232625

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

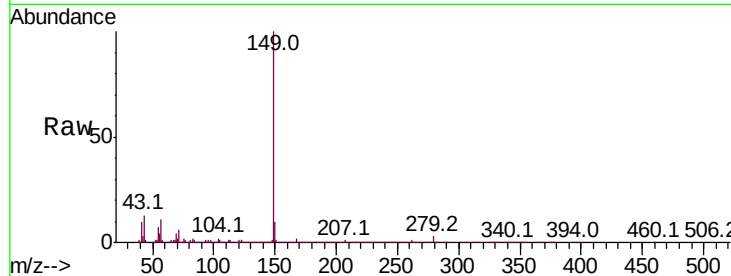
43 12.8 10.9 16.3

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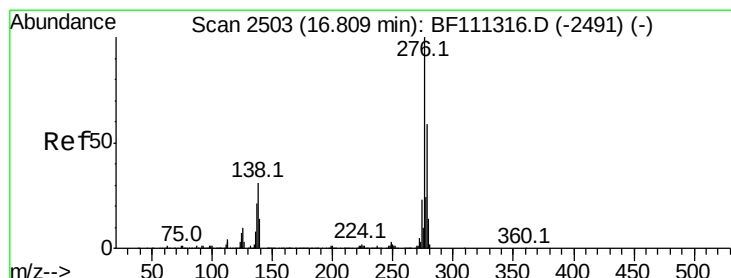
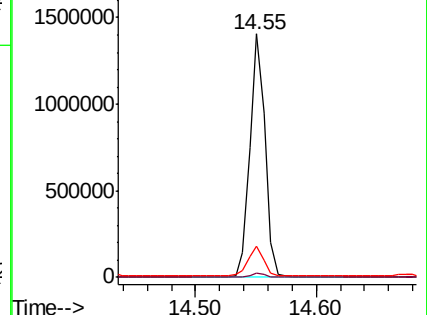
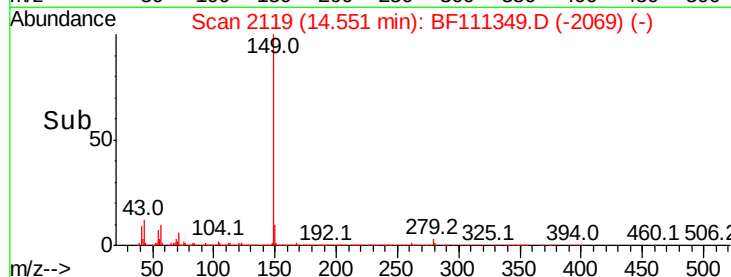
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 42.223 ng

RT: 16.81 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BF111349.D

Acq: 13 Dec 2018 4:24

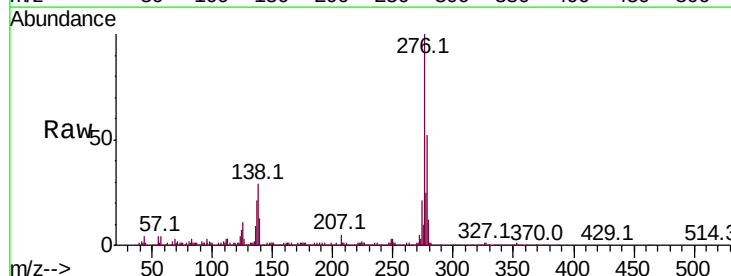
Tgt Ion:276 Resp: 662090

Ion Ratio Lower Upper

276 100

138 34.5 27.8 41.6

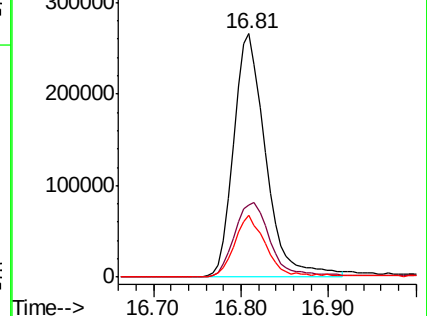
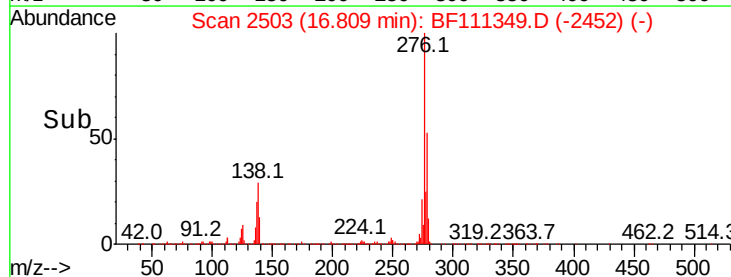
277 24.8 20.1 30.1

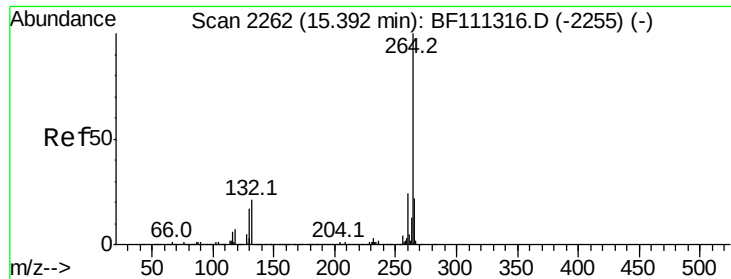


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





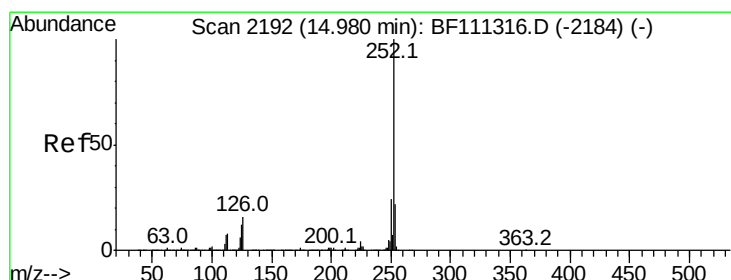
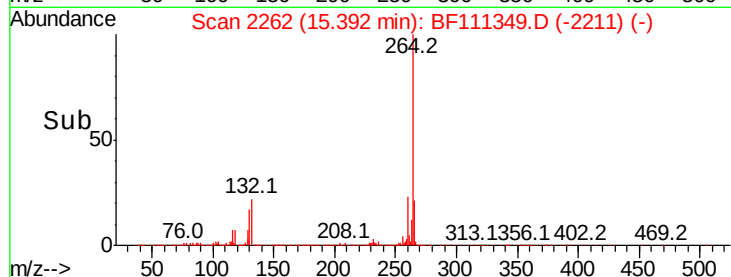
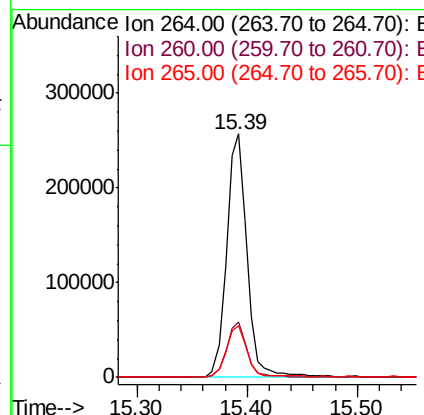
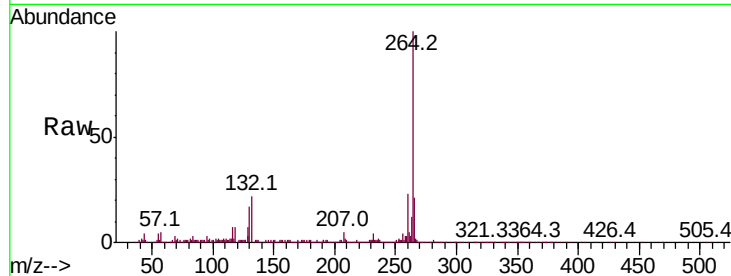
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.3	17.7	26.5

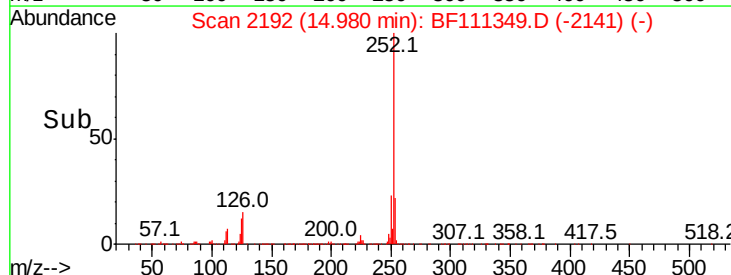
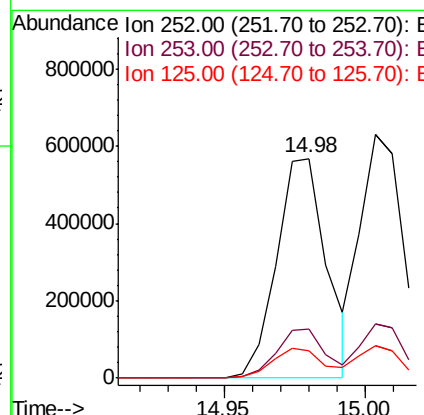
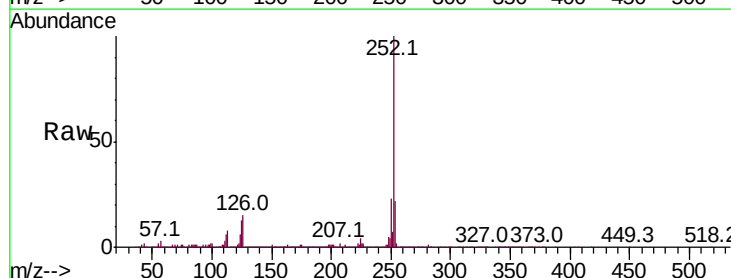
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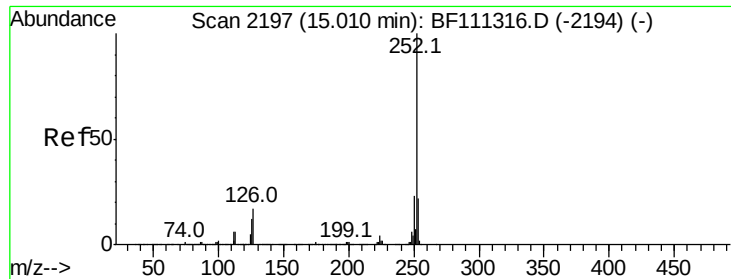
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#88
Benzo(b)fluoranthene
Concen: 37.008 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.7	10.4	15.6





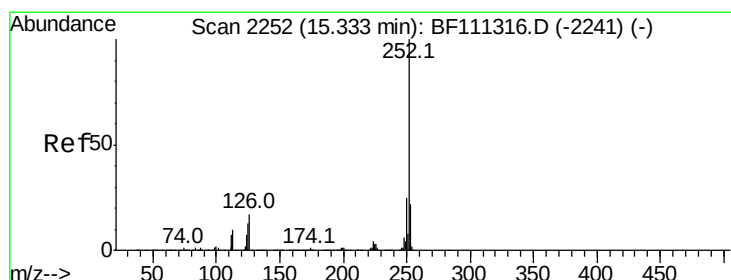
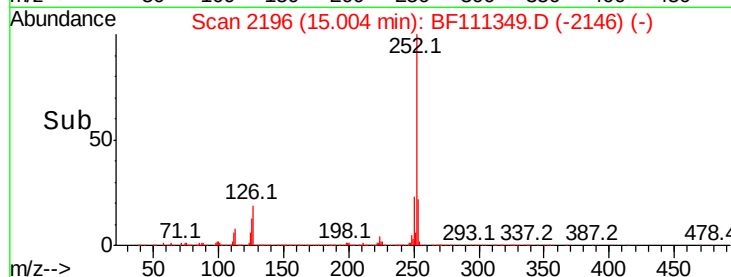
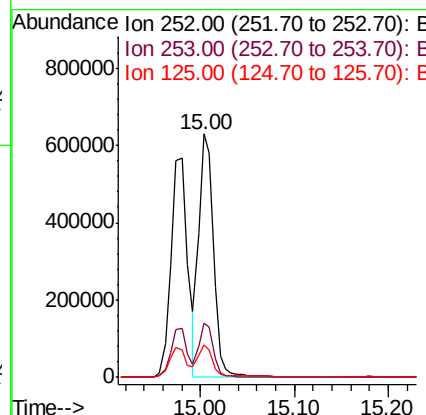
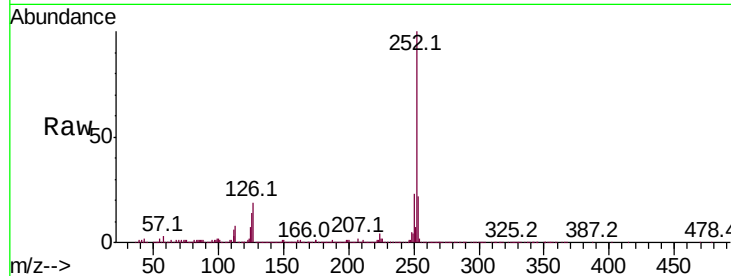
#89
Benzo(k)fluoranthene
Concen: 36.332 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.5	9.8	14.8

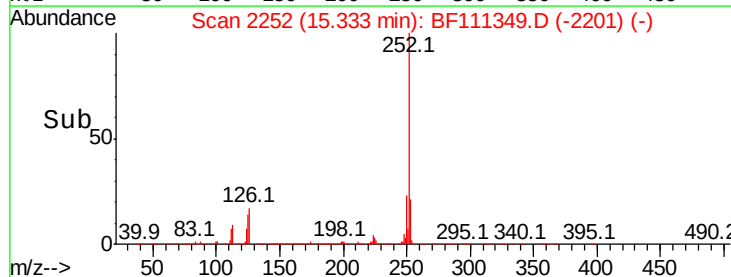
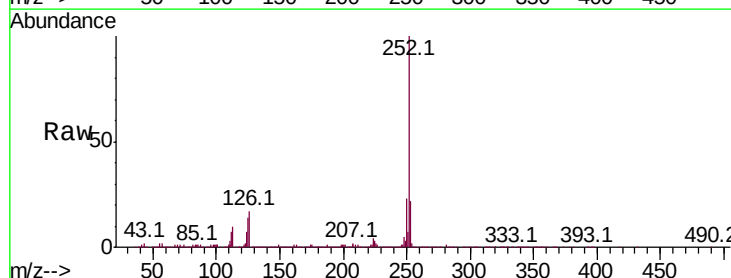
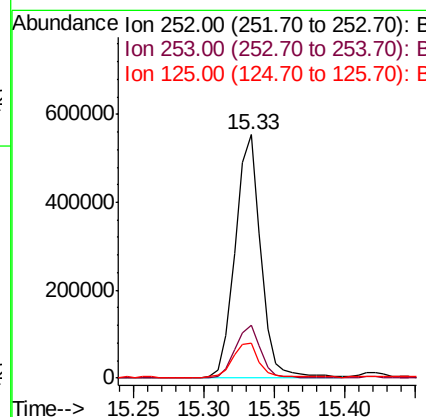
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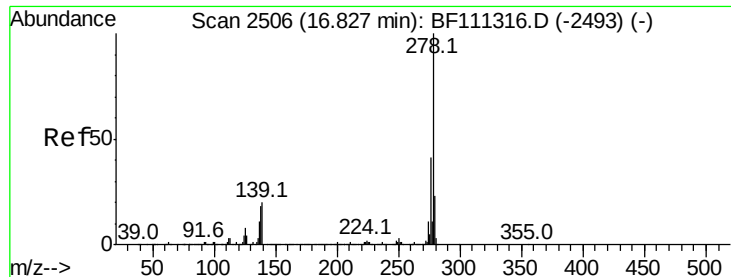
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#90
Benzo(a)pyrene
Concen: 39.775 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	14.1	12.3	18.5





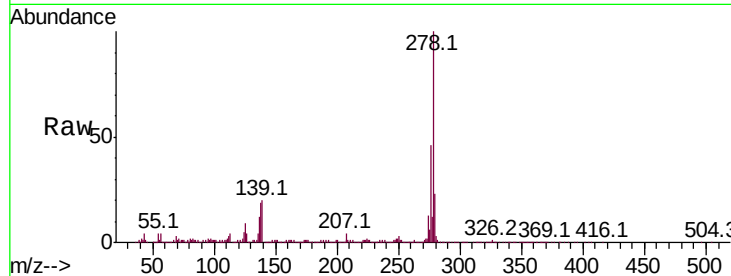
#91
Dibenzo(a,h)anthracene
Concen: 39.685 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

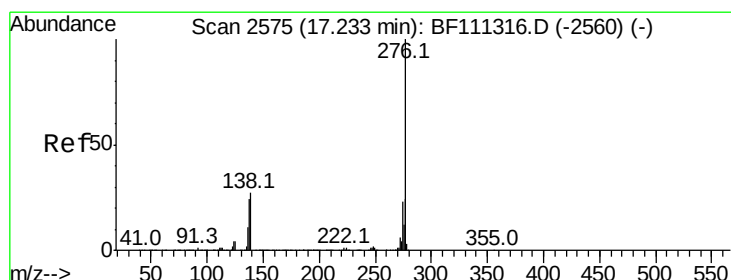
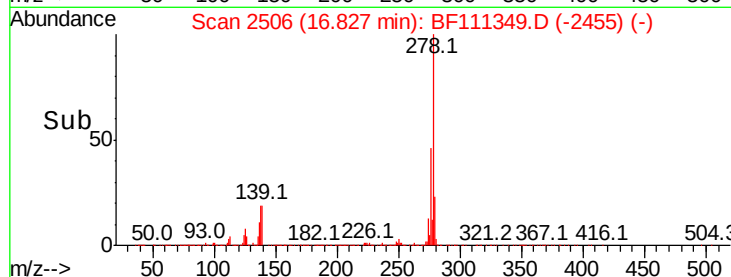
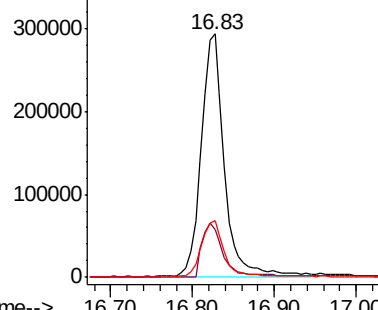
Tot Ion:278	Resp:	580290
Ion Ratio	Lower	Upper
278 100		
139 19.7	18.2	27.4
279 23.2	19.0	28.6

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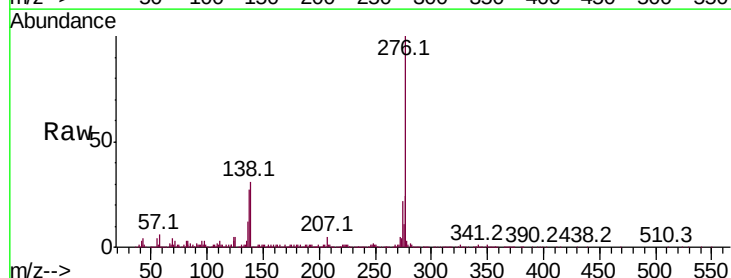


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.263 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BF111349.D
Acq: 13 Dec 2018 4:24

Tgt Ion:276	Resp:	500906
Ion Ratio	Lower	Upper
276 100		
277 23.8	19.2	28.8
138 30.5	24.9	37.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

