

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
 Data File : BF111800.D
 Acq On : 28 Dec 2018 20:29
 Operator : JU/SJ
 Sample : PB116072BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Manual Integrations
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Sohil
 1/2/2019 2:51:45 PM

Quant Time: Dec 29 02:52:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139747	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	504027	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	235941	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	363024	20.00	ng	0.01
76) Chrysene-d12	14.07	240	305802	20.00	ng	0.02
87) Perylene-d12	15.56	264	242349	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	998320	121.77	ng	0.04
7) Phenol-d6	6.55	99	1274493	122.15	ng	0.03
23) Nitrobenzene-d5	7.46	82	814188	94.03	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	323198	115.93	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1532004	94.64	ng	0.00
79) Terphenyl-d14	13.01	244	1277432	79.22	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	127694	33.104	ng	95
3) Pyridine	3.53	79	372130	37.030	ng	97
4) n-Nitrosodimethylamine	3.48	42	213665	43.444	ng	# 79
6) Aniline	6.57	93	274318	20.625	ng	# 6
8) 2-Chlorophenol	6.70	128	383288	42.203	ng	99
9) Benzaldehyde	6.45	77	201376	28.062	ng	97
10) Phenol	6.56	94	452901	38.471	ng	77
11) bis(2-Chloroethyl)ether	6.64	93	358467	40.634	ng	99
12) 1,3-Dichlorobenzene	6.85	146	443143	42.104	ng	98
13) 1,4-Dichlorobenzene	6.92	146	442469	41.452	ng	98
14) 1,2-Dichlorobenzene	7.08	146	415143	41.686	ng	96
15) Benzyl Alcohol	7.05	79	346741	41.844	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	587511	36.160	ng	69
17) 2-Methylphenol	7.17	107	306556	42.155	ng	# 88
18) Hexachloroethane	7.42	117	143420	39.873	ng	# 83
19) n-Nitroso-di-n-propylamine	7.32	70	273096	39.412	ng	99
20) 3+4-Methylphenols	7.32	107	395129	43.001	ng	# 82
22) Acetophenone	7.31	105	523870	41.027	ng	# 91
24) Nitrobenzene	7.49	77	408287	44.988	ng	98
25) Isophorone	7.72	82	719057	46.776	ng	97
26) 2-Nitrophenol	7.80	139	190143	51.659	ng	# 87
27) 2,4-Dimethylphenol	7.85	122	335776	46.277	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	448568	43.850	ng	98
29) 2,4-Dichlorophenol	8.05	162	336995	43.181	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	360738	41.480	ng	97
31) Naphthalene	8.21	128	1100833	45.456	ng	96
32) Benzoic acid	7.95	122	170814	35.606	ng	96
33) 4-Chloroaniline	8.25	127	112175	10.717	ng	99
34) Hexachlorobutadiene	8.33	225	221512	41.792	ng	98
35) Caprolactam	8.62	113	99510m	37.629	ng	
36) 4-Chloro-3-methylphenol	8.75	107	326263	42.529	ng	100
37) 2-Methylnaphthalene	8.90	142	736953	46.772	ng	100
38) 1-Methylnaphthalene	9.00	142	690985	45.662	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	353494	45.595	ng	# 97

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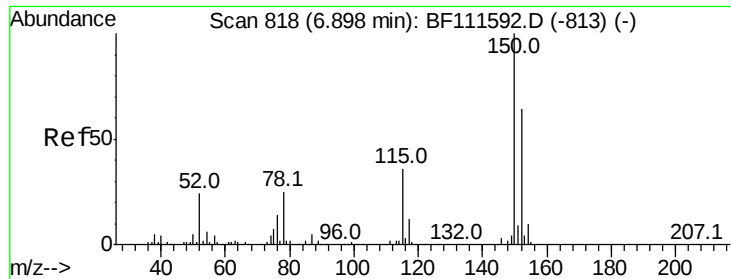
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	193590	51.456	nq	100
43) 2,4,6-Trichlorophenol	9.18	196	230175	44.467	nq	98
44) 2,4,5-Trichlorophenol	9.23	196	235204	44.292	nq	91
46) 1,1'-Biphenyl	9.36	154	893221	44.847	nq	95
47) 2-Chloronaphthalene	9.39	162	678620	43.005	nq	93
48) 2-Nitroaniline	9.48	65	207948	50.655	nq	99
49) Acenaphthylene	9.80	152	1037890	45.048	nq	97
50) Dimethylphthalate	9.66	163	819720	47.510	nq	98
51) 2,6-Dinitrotoluene	9.72	165	171527	49.857	nq	98
52) Acenaphthene	9.98	154	624989	43.982	nq	97
53) 3-Nitroaniline	9.89	138	98690	26.897	nq	98
54) 2,4-Dinitrophenol	9.99	184	56032	53.421	nq	97
55) Dibenzofuran	10.15	168	913633	42.557	nq	94
56) 4-Nitrophenol	10.07	139	234087	83.599	nq	88
57) 2,4-Dinitrotoluene	10.12	165	208342	50.387	nq	95
58) Fluorene	10.49	166	677002	43.762	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	178342	39.907	nq	90
60) Diethylphthalate	10.36	149	773597	45.708	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	357517	41.830	nq	95
62) 4-Nitroaniline	10.50	138	137185	38.469	nq	89
63) Azobenzene	10.64	77	668516	39.345	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	41912	30.733	nq	81
66) n-Nitrosodiphenylamine	10.60	169	598871	49.144	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	214965	47.742	nq	97
68) Hexachlorobenzene	11.05	284	224355	44.689	nq	95
69) Atrazine	11.12	200	193873	45.795	nq	96
70) Pentachlorophenol	11.24	266	199059	64.137	nq	99
71) Phenanthrene	11.46	178	892913	46.379	nq	94
72) Anthracene	11.50	178	918009	47.505	nq	95
73) Carbazole	11.66	167	773090	41.206	nq	95
74) Di-n-butylphthalate	11.99	149	1013518	48.181	nq	96
75) Fluoranthene	12.65	202	865518	44.395	nq	94
77) Benzidine	12.76	184	527638	45.853	nq	97
78) Pyrene	12.87	202	874670	40.503	nq	96
80) Butylbenzylphthalate	13.48	149	387080	43.973	nq	92
81) Benzo(a)anthracene	14.06	228	835643	47.882	nq	97
82) 3,3'-Dichlorobenzidine	14.02	252	294056	42.645	nq	# 98
83) Chrysene	14.10	228	774729	45.167	nq	# 96
84) Bis(2-ethylhexyl)phthalate	14.05	149	532959	48.066	nq	# 99
85) Di-n-octyl phthalate	14.66	149	908118	52.862	nq	# 95
86) Indeno(1,2,3-cd)pyrene	17.07	276	574981	39.432	nq	# 88
88) Benzo(b)fluoranthene	15.12	252	732097	51.688	nq	# 95
89) Benzo(k)fluoranthene	15.15	252	640588	47.506	nq	# 97
90) Benzo(a)pyrene	15.50	252	621903	48.330	nq	# 94
91) Dibenzo(a,h)anthracene	17.08	278	489295	43.423	nq	# 90
92) Benzo(g,h,i)perylene	17.52	276	461275	41.923	nq	# 85

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



#1

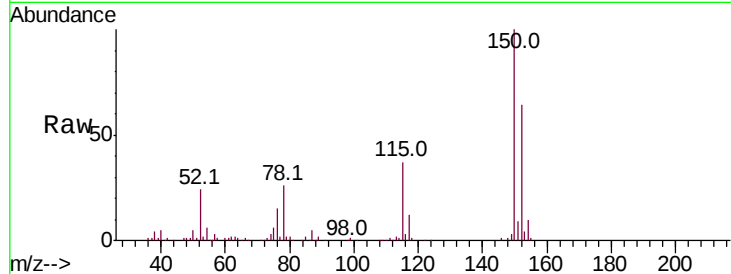
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	58.7	50.7	76.1

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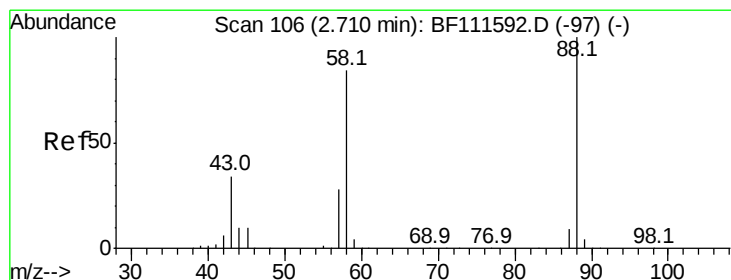
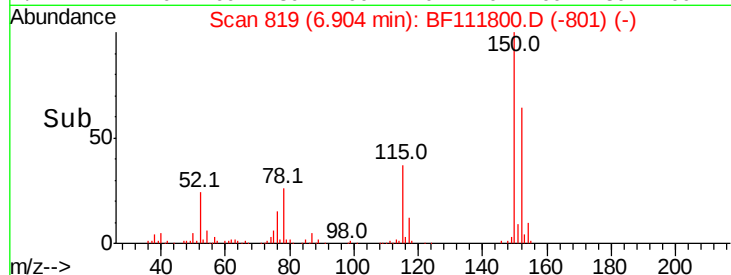
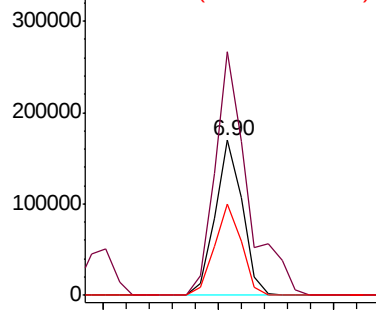


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

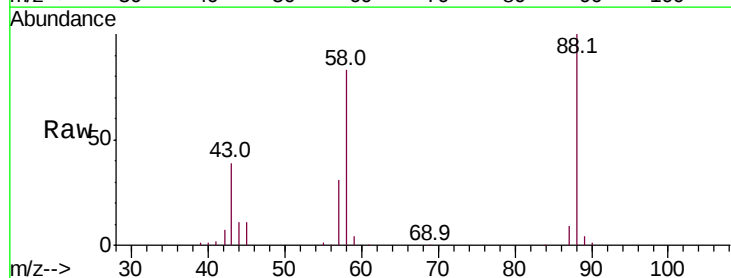
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.104 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.07 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	68.9	103.3
43	37.1	25.8	38.6

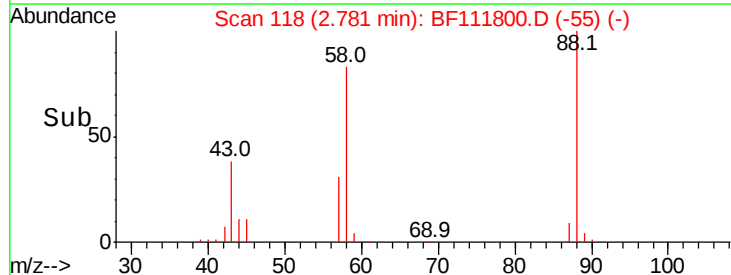
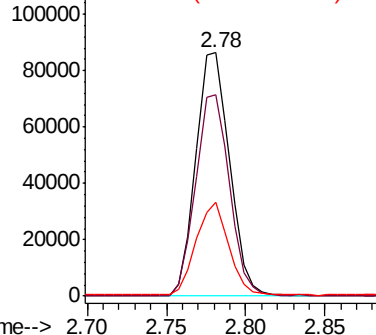


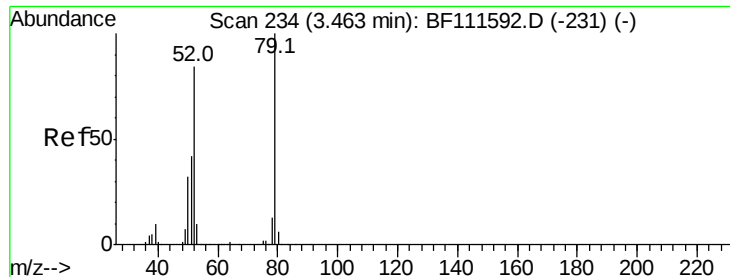
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





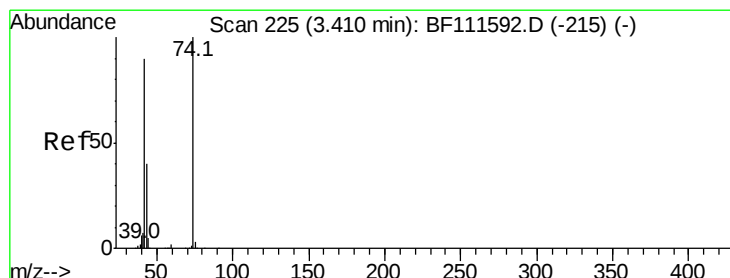
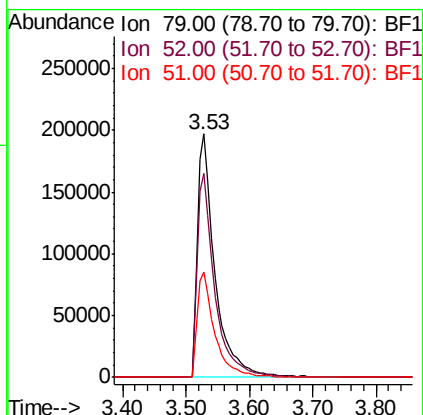
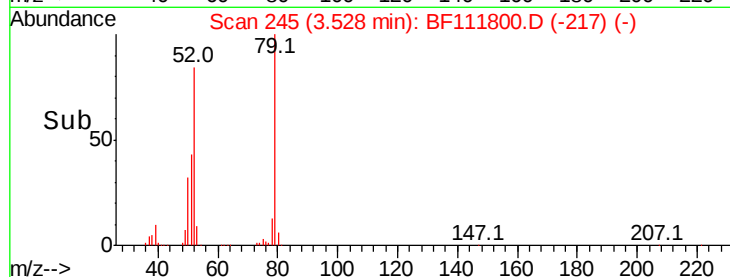
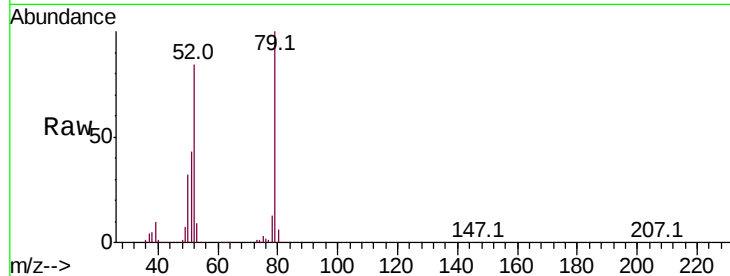
#3
 Pvrindine
 Concen: 37.030 ng
 RT: 3.53 min Scan# 245
 Delta R.T. 0.06 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.7	68.3	102.5
51	43.4	32.6	49.0

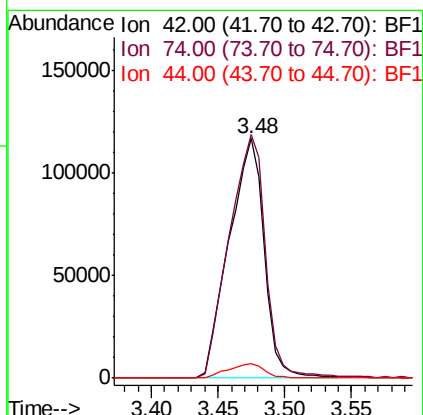
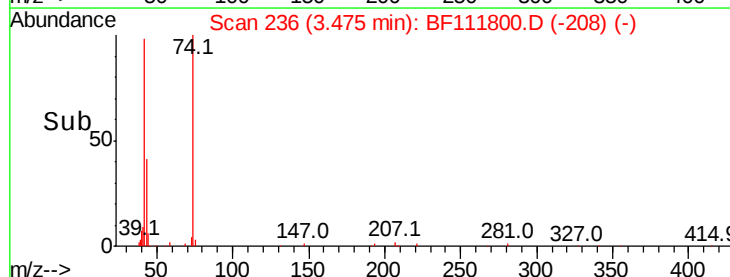
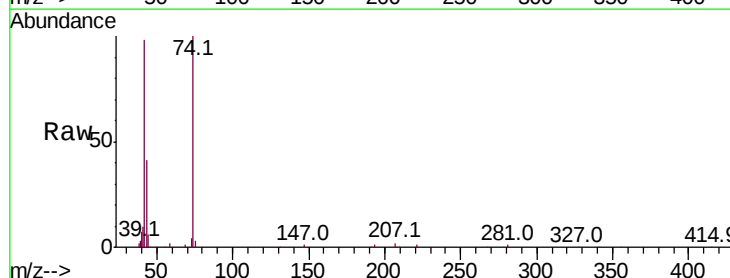
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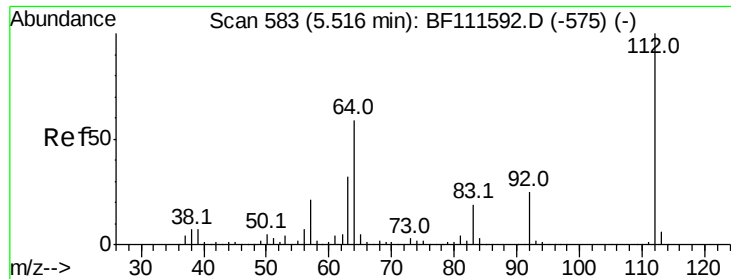
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#4
 n-Nitrosodimethylamine
 Concen: 43.444 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.06 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.6	101.5	152.3
44	6.0	6.0	9.0





#5

2-Fluorophenol

Concen: 121.768 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.04 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

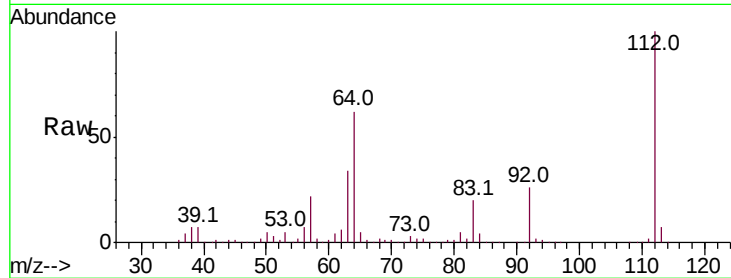
ClientSampleId :

PB116072BSD

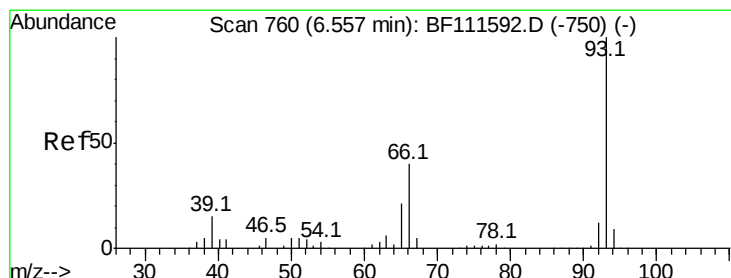
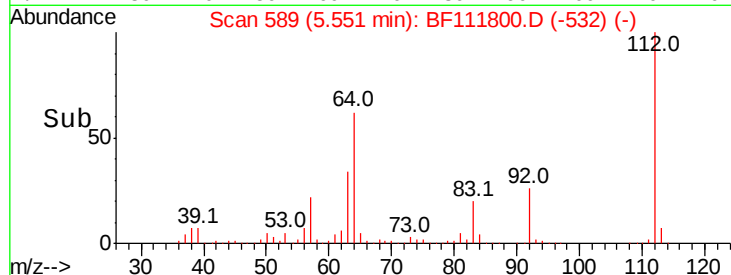
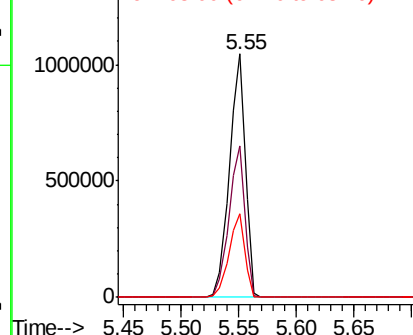
Tot Ion:	112	Resp:	998320
Ion Ratio	Lower	Upper	
112	100		
64	62.2	51.8	77.6
63	34.4	26.8	40.2

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



#6

Aniline

Concen: 20.625 ng

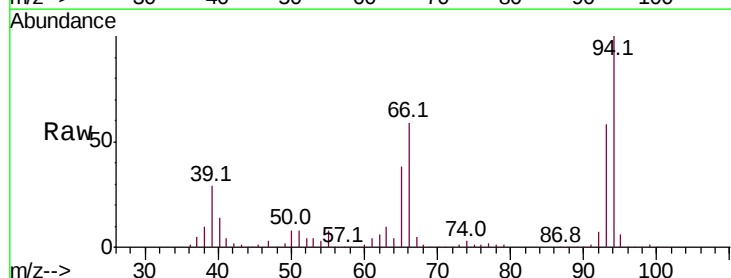
RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

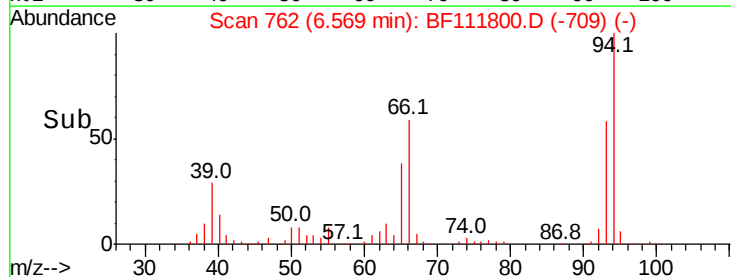
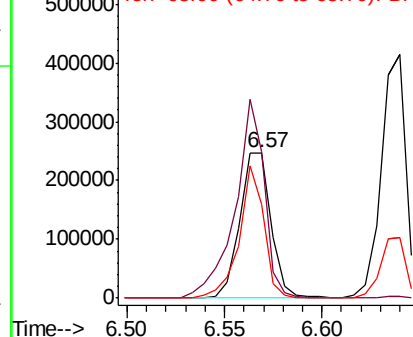
Lab File: BF111800.D

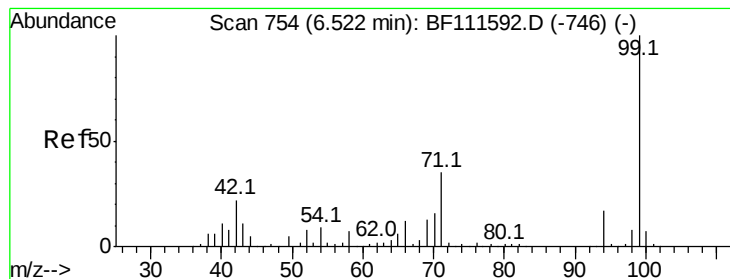
Acq: 28 Dec 2018 20:29

Tgt Ion:	93	Resp:	274318
Ion Ratio	Lower	Upper	
93	100		
66	100.9	33.2	49.8#
65	64.9	17.0	25.4#



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





#7

Phenol-d6

Concen: 122.149 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion: 99 Resp: 1274493

Ion Ratio Lower Upper

99 100

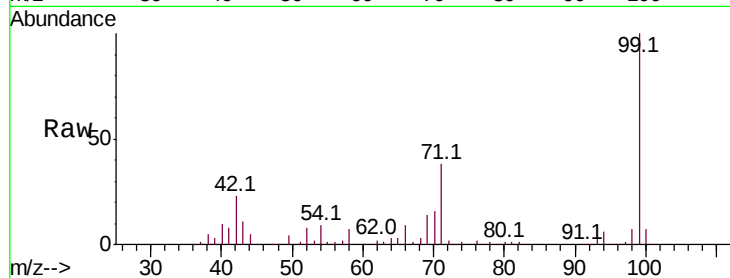
42 22.7 17.4 26.0

71 38.1 26.1 39.1

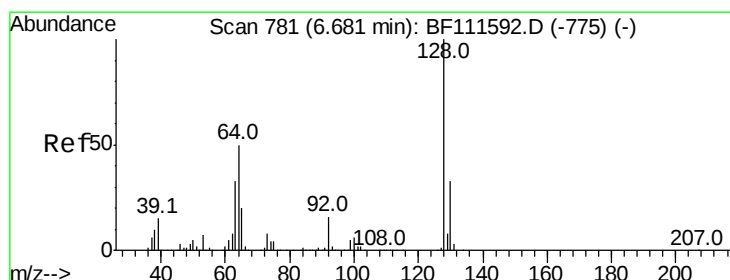
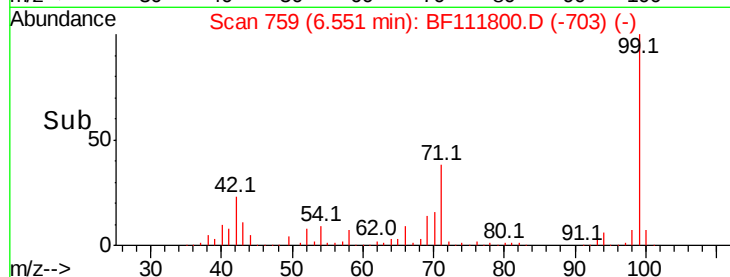
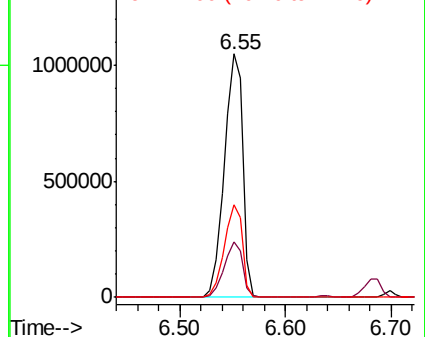
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.203 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

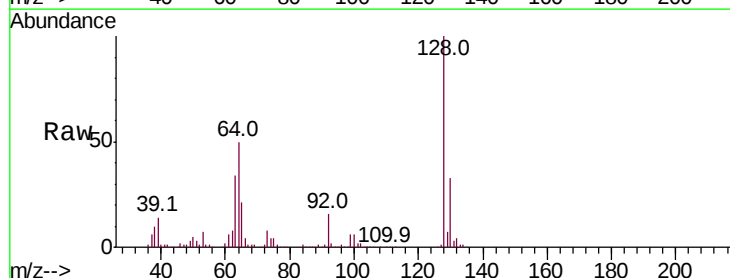
Tgt Ion: 128 Resp: 383288

Ion Ratio Lower Upper

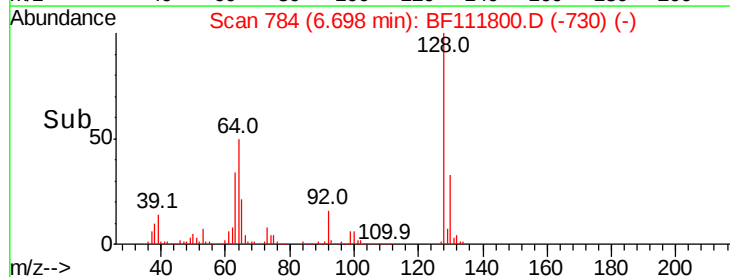
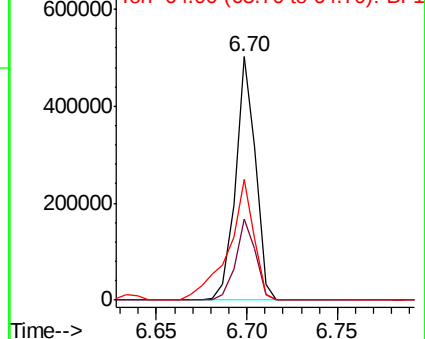
128 100

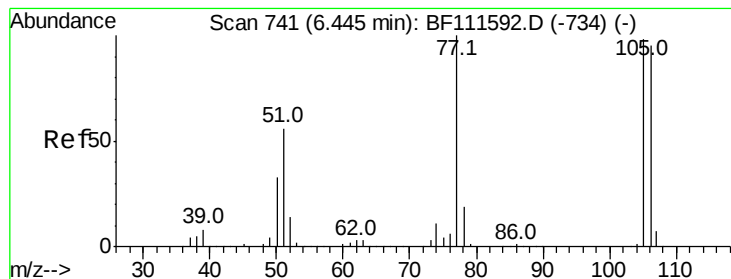
130 33.2 12.7 52.7

64 49.7 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.062 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

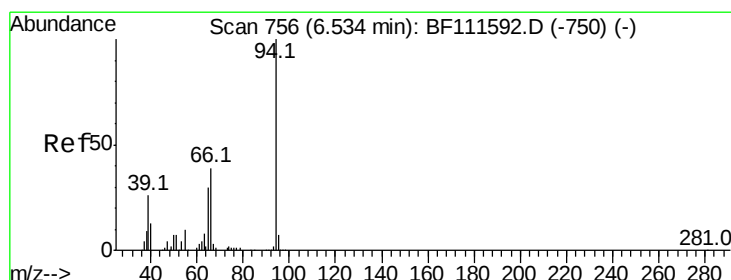
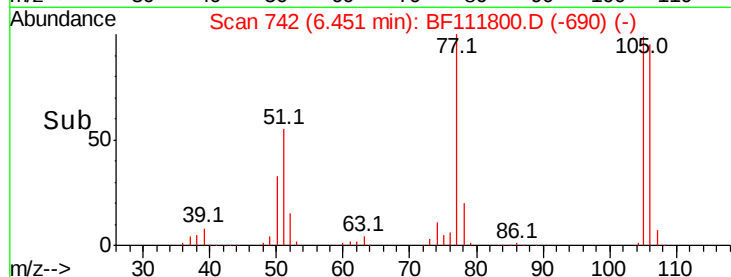
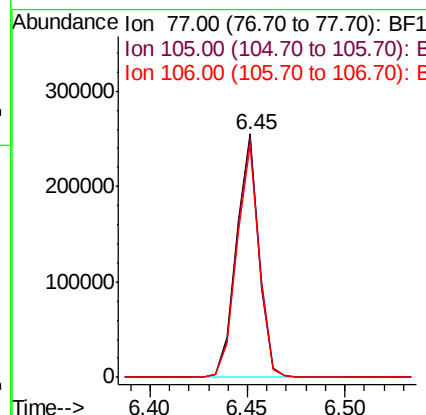
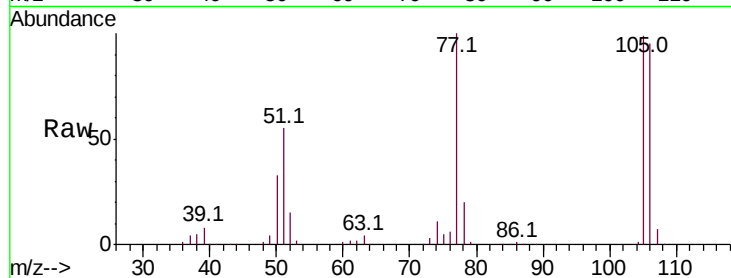
ClientSampleId :

PB116072BSD

Tot Ion	77	Resp	201376
Ion Ratio	Lower	Upper	
77	100		
105	98.6	81.4	121.4
106	95.4	77.9	117.9

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#10

Phenol

Concen: 38.471 ng

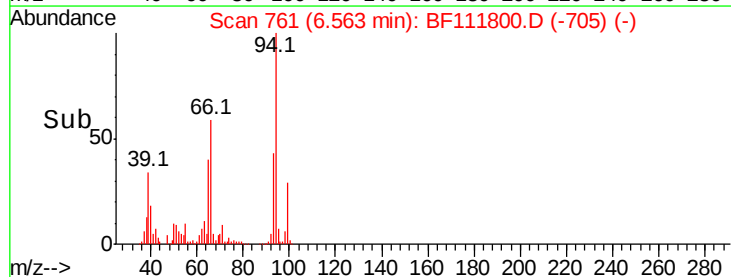
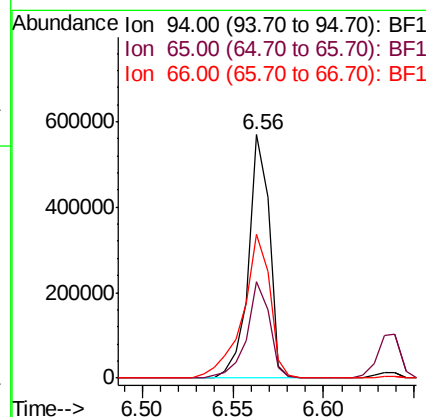
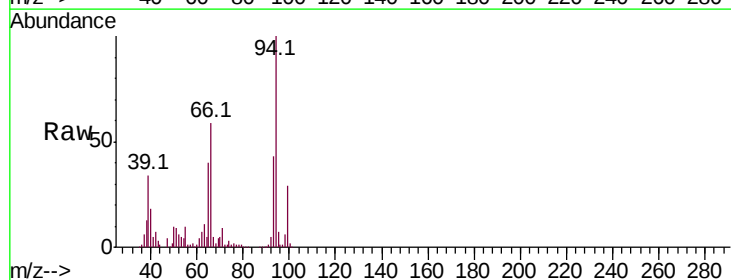
RT: 6.56 min Scan# 761

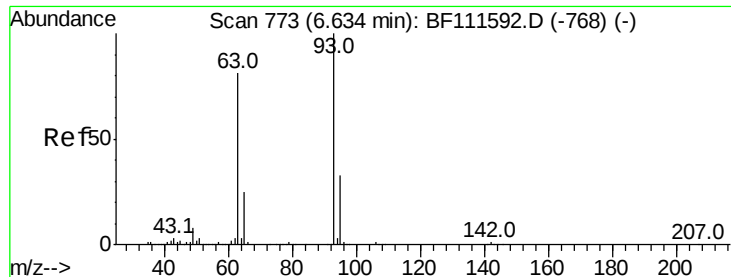
Delta R.T. 0.03 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Tgt Ion	94	Resp	452901
Ion Ratio	Lower	Upper	
94	100		
65	39.6	11.7	51.7
66	59.3	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 40.634 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

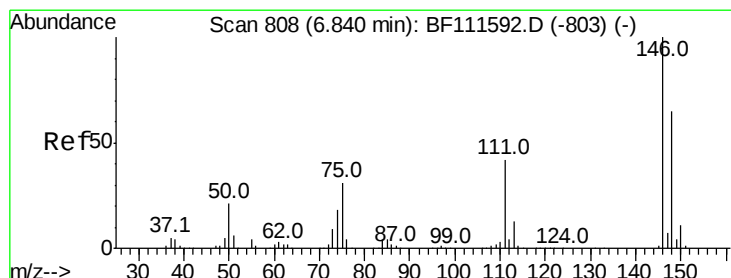
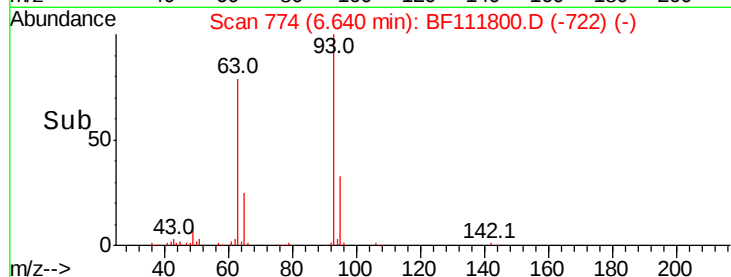
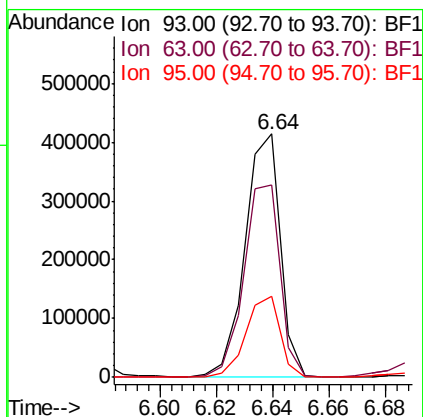
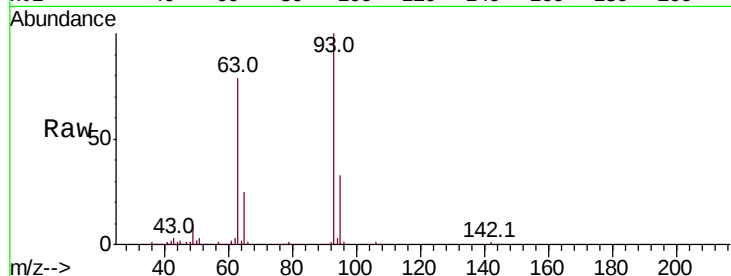
ClientSampleId :

PB116072BSD

Tot Ion:	93	Resp:	358467
Ion Ratio	Lower	Upper	
93	100		
63	79.2	60.0	100.0
95	33.3	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 42.104 ng

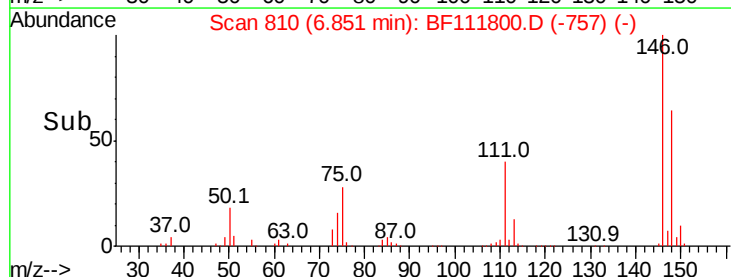
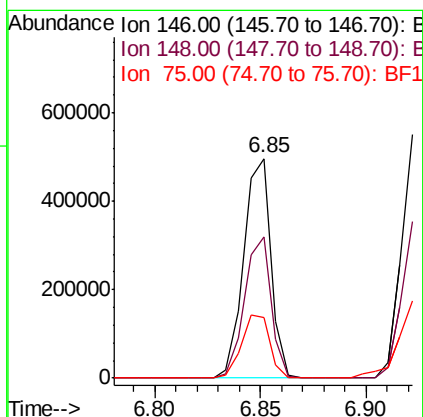
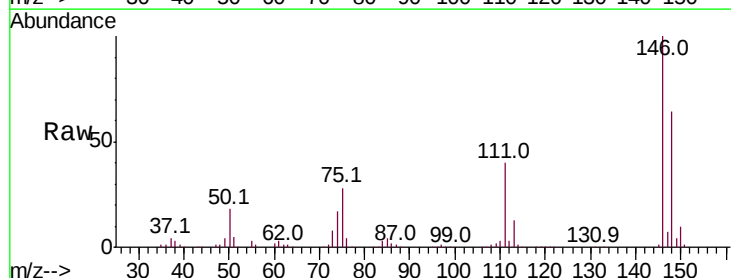
RT: 6.85 min Scan# 810

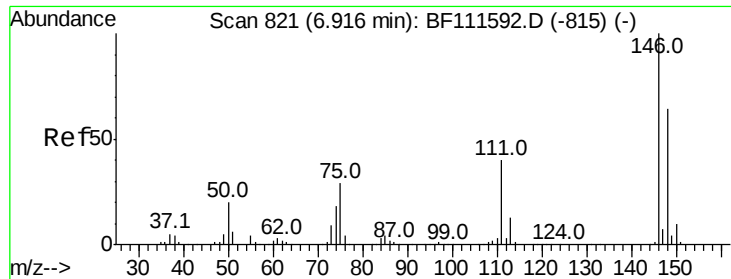
Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Tgt Ion:	146	Resp:	443143
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.1	78.1
75	27.8	23.9	35.9





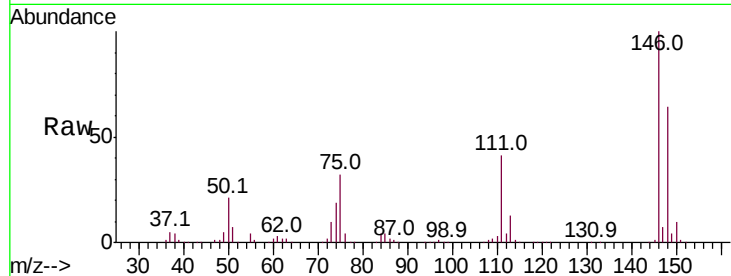
#13
 1,4-Dichlorobenzene
 Concen: 41.452 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.8	79.2
111	41.2	33.4	50.0

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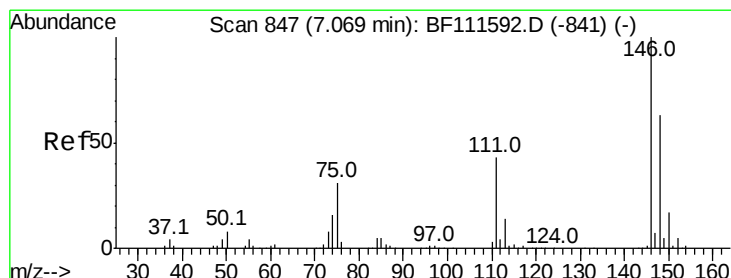
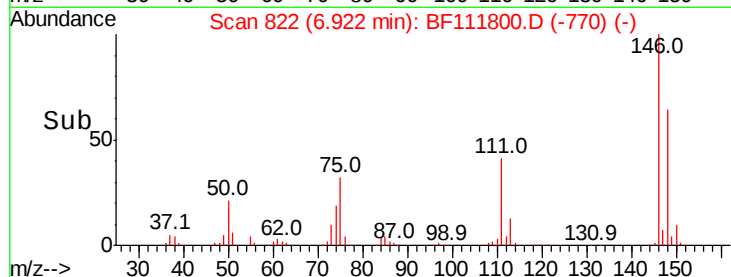
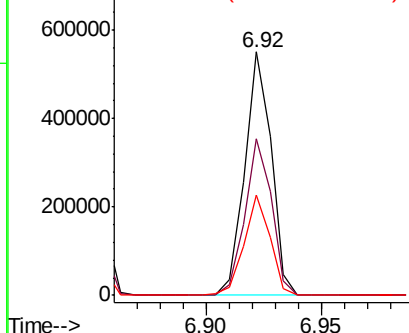


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.686 ng
 RT: 7.08 min Scan# 849
 Delta R.T. 0.01 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

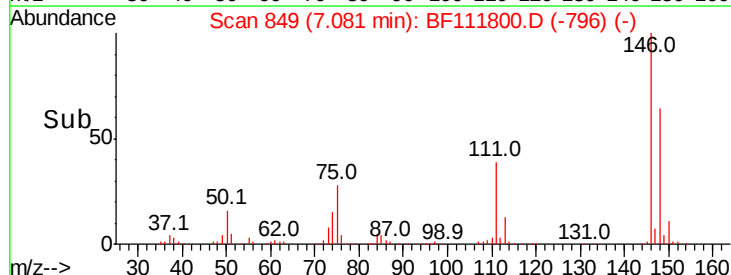
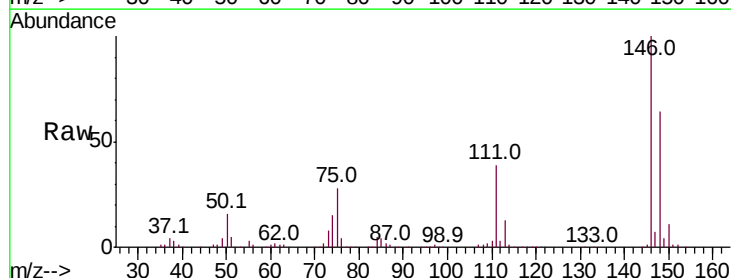
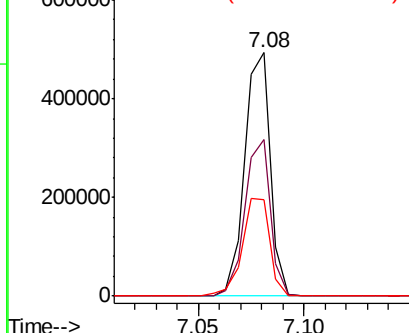
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	39.5	36.2	54.4

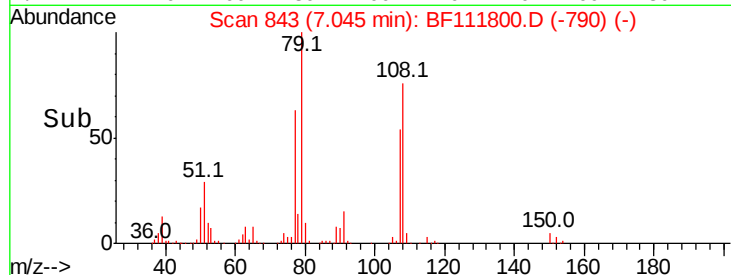
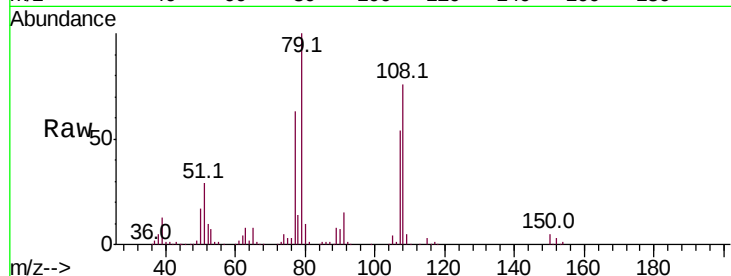
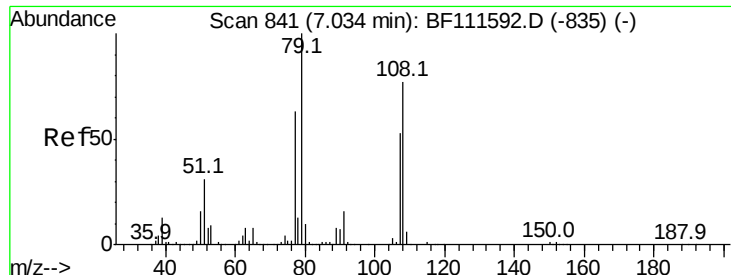
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





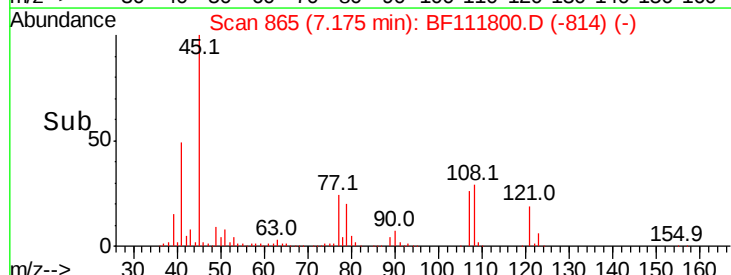
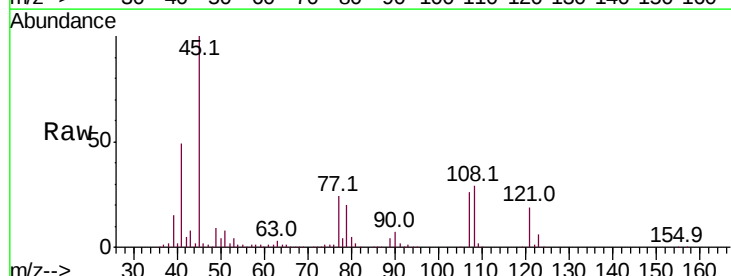
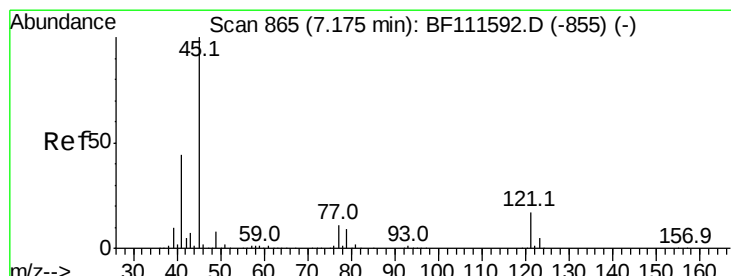
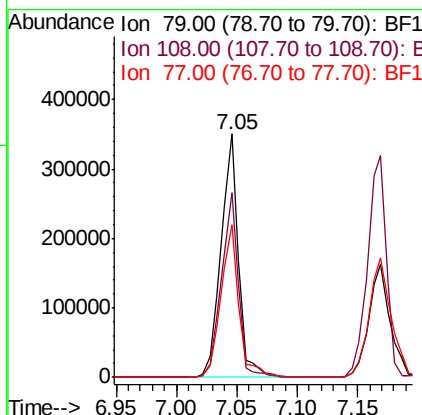
#15
Benzyl Alcohol
Concen: 41.844 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.7	69.4	104.2	
77	62.6	49.7	74.5	

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

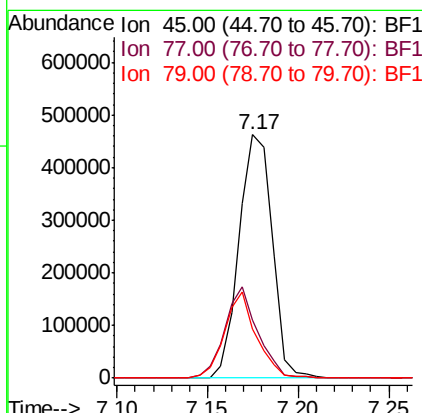
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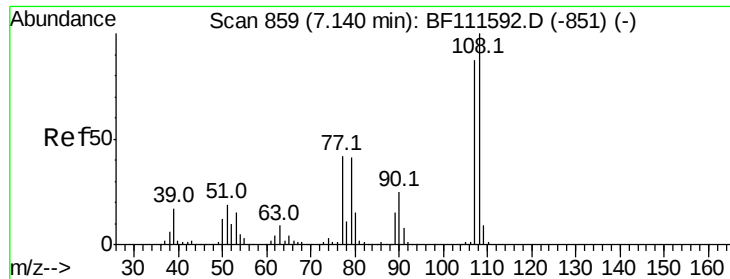
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.160 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	23.7	0.0	31.5	
79	20.2	0.0	28.9	





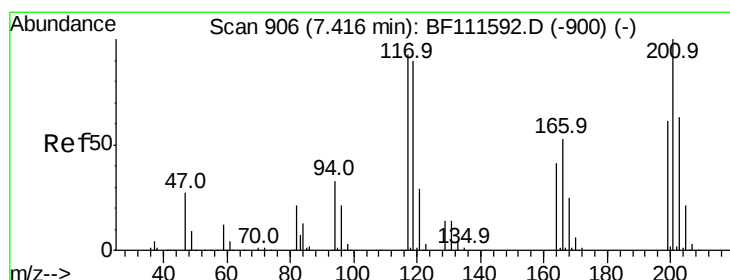
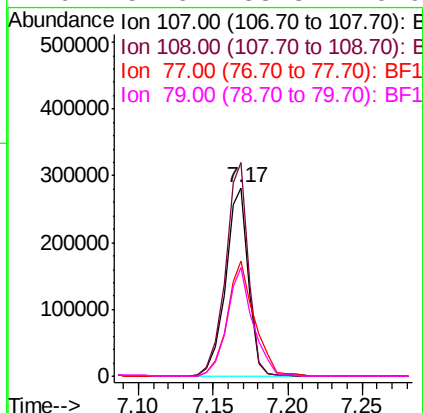
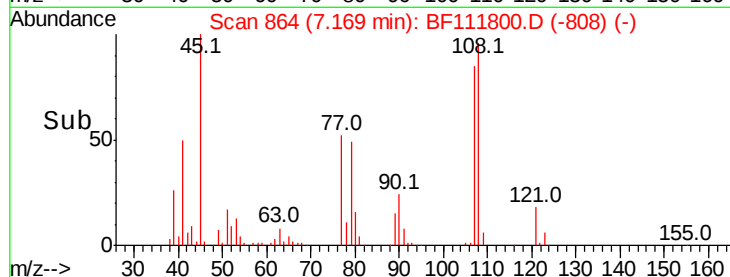
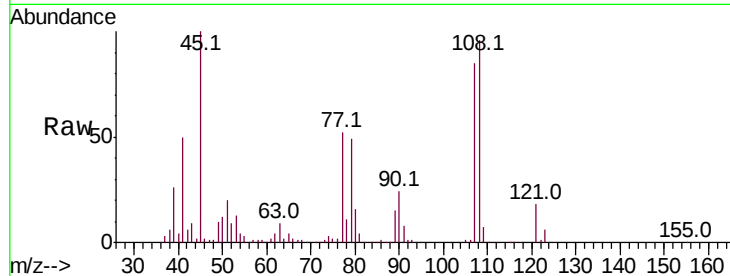
#17
2-Methylphenol
Concen: 42.155 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.1	91.0	136.4
77	60.9	33.5	50.3#
79	57.6	33.3	49.9#

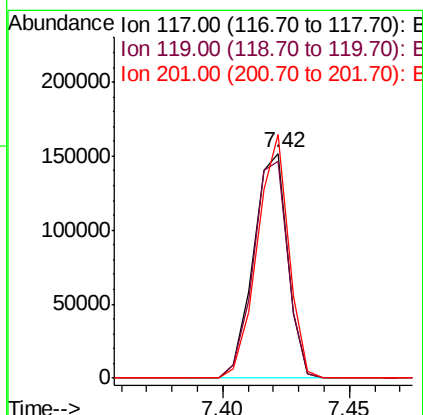
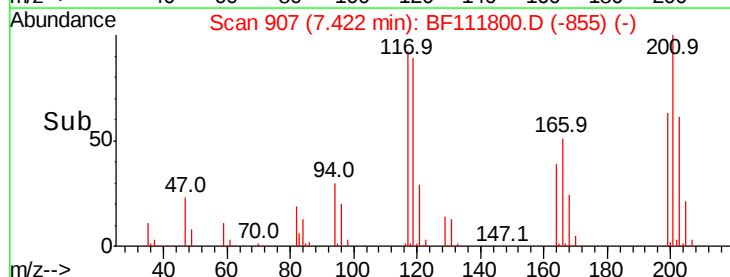
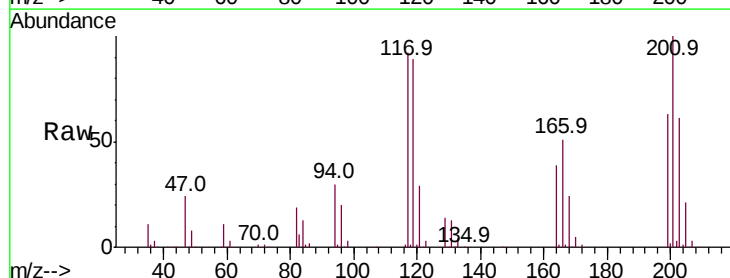
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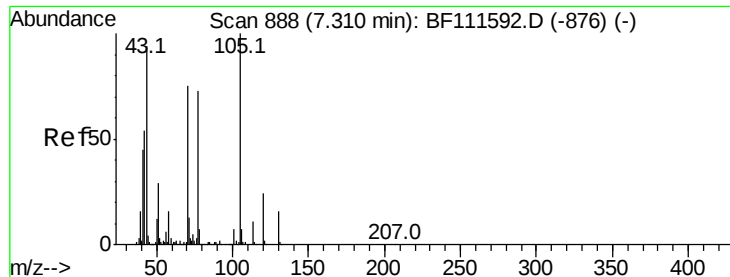
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#18
Hexachloroethane
Concen: 39.873 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	96.4	75.4	113.0
201	108.3	62.4	93.6#





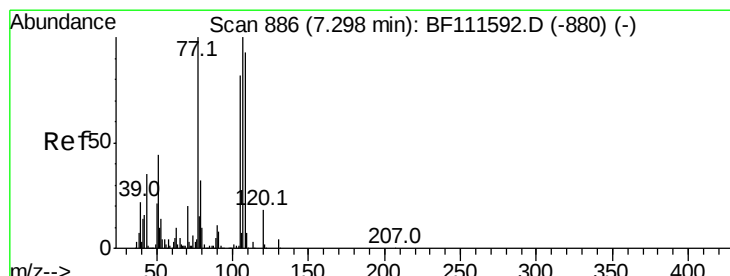
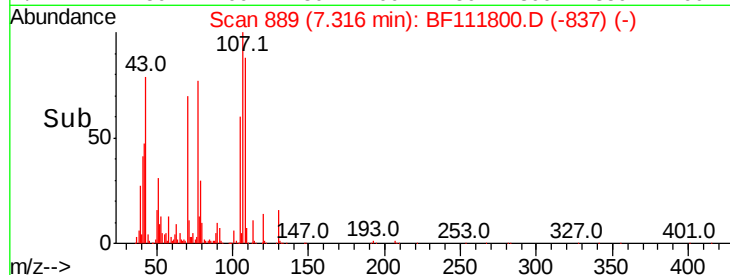
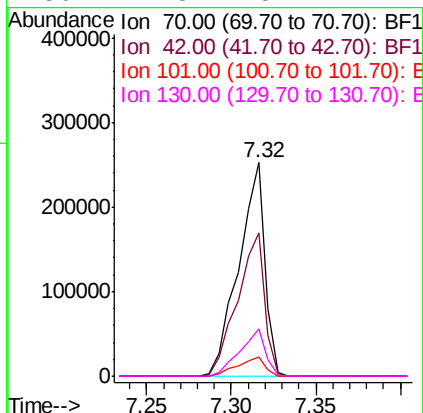
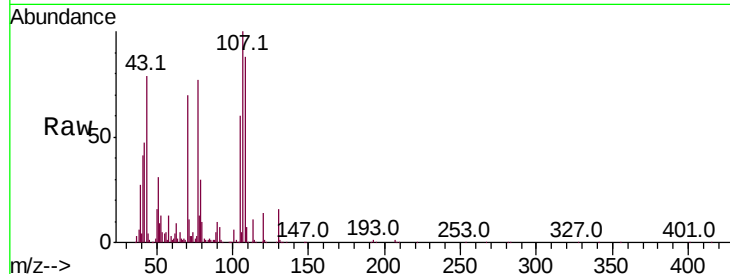
#19
n-Nitroso-di-n-propylamine
Concen: 39.412 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	67.2	53.2	79.8	
101	9.1	8.2	12.4	
130	22.3	18.1	27.1	

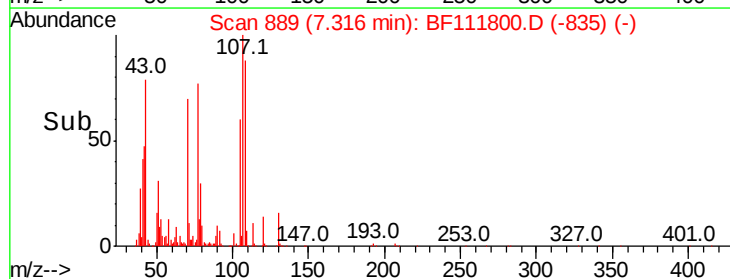
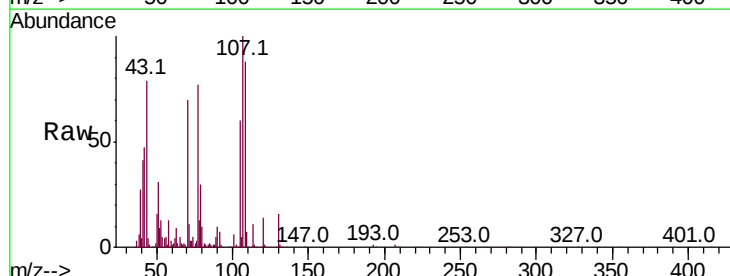
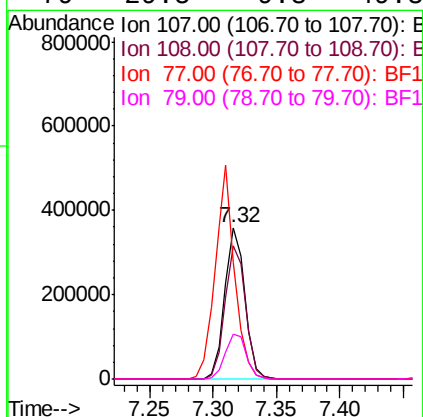
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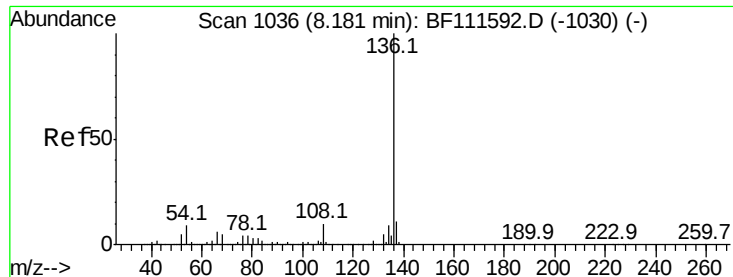
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#20
3+4-Methylphenols
Concen: 43.001 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.3	72.1	112.1	
77	77.0	94.1	134.1#	
79	29.5	9.8	49.8	





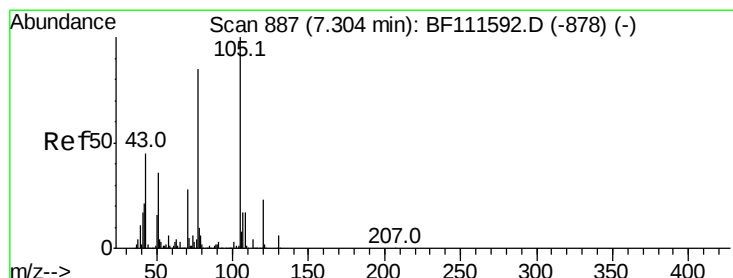
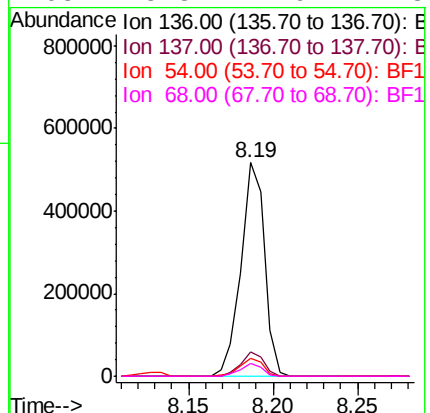
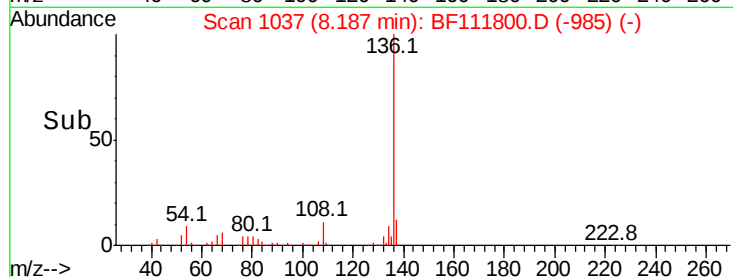
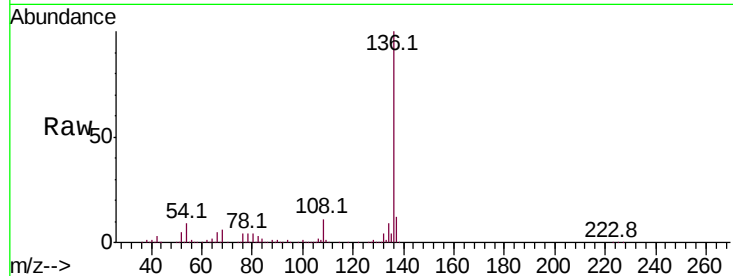
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.7	7.7	11.5
68	5.8	4.9	7.3

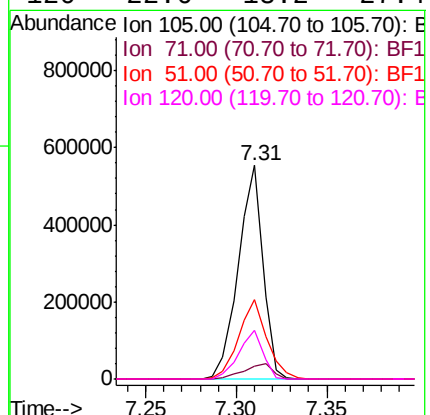
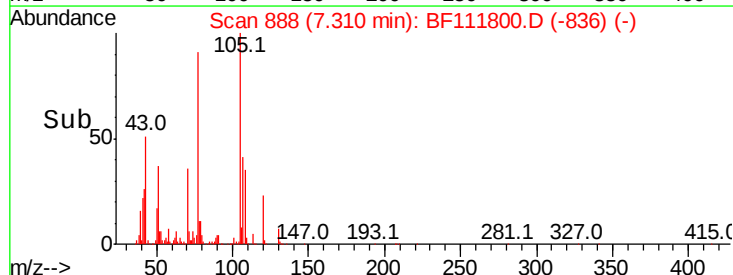
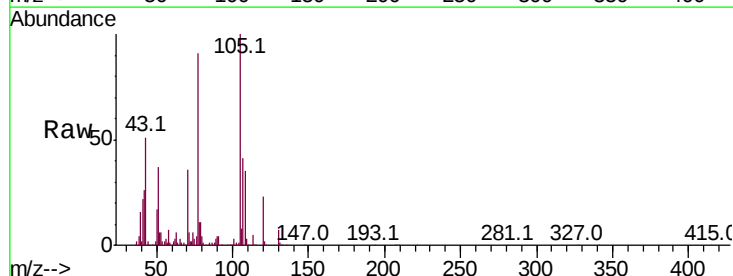
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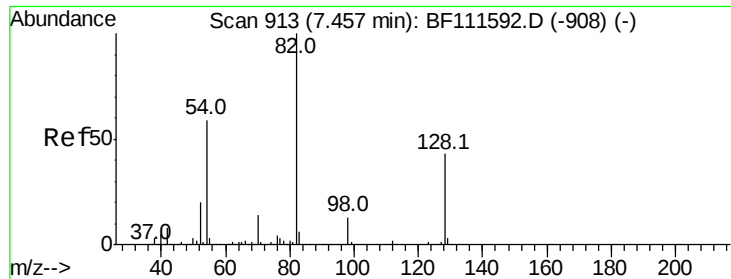
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#22
Acetophenone
Concen: 41.027 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.9	3.1	4.7#
51	37.1	36.6	54.8
120	22.6	18.2	27.4





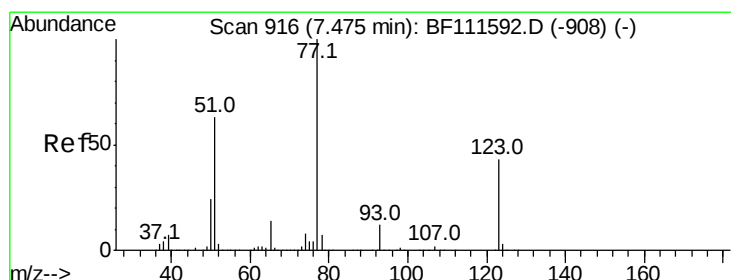
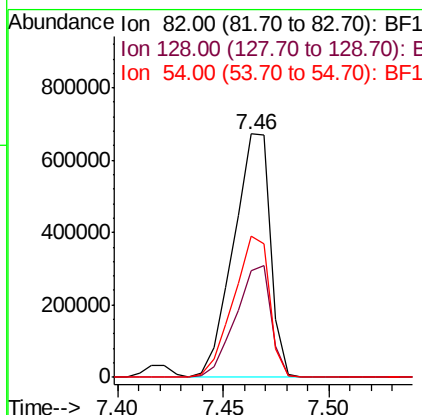
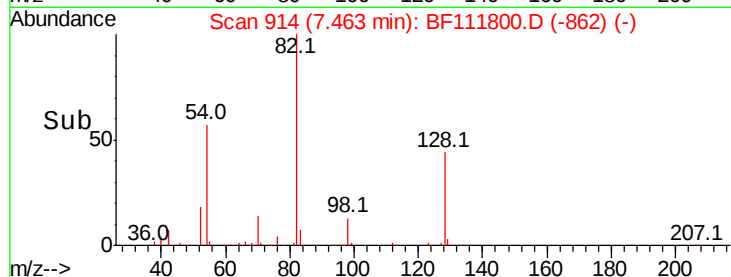
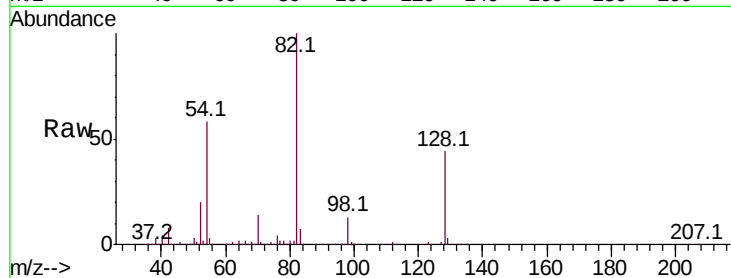
#23
Nitrobenzene-d5
Concen: 94.027 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.4	56.2
54	58.2	47.6	71.4

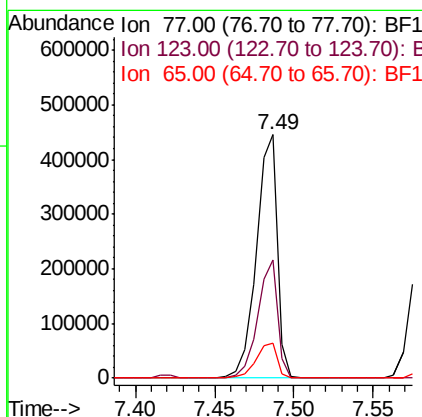
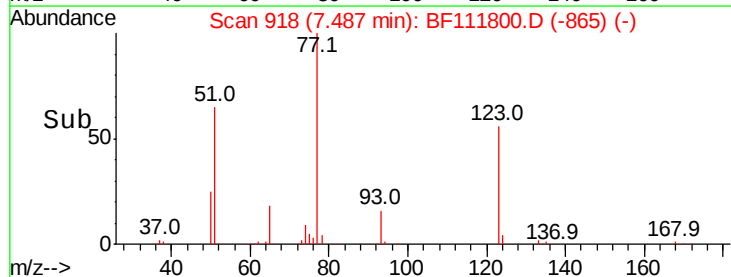
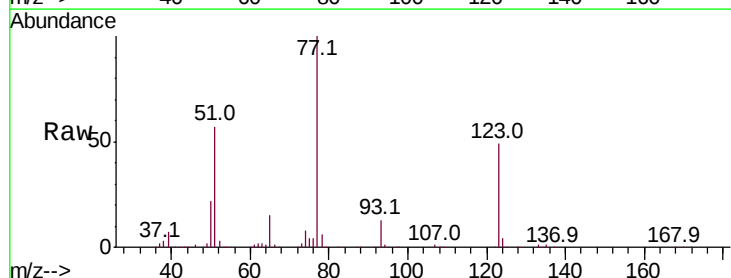
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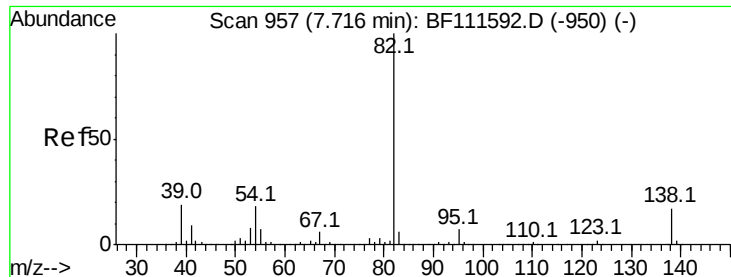
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#24
Nitrobenzene
Concen: 44.988 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.2	55.8
65	14.5	11.5	17.3





#25

Isophorone

Concen: 46.776 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

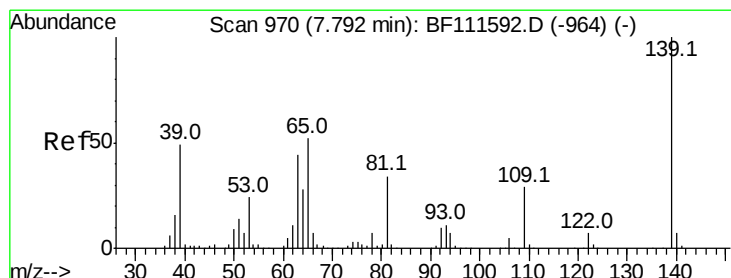
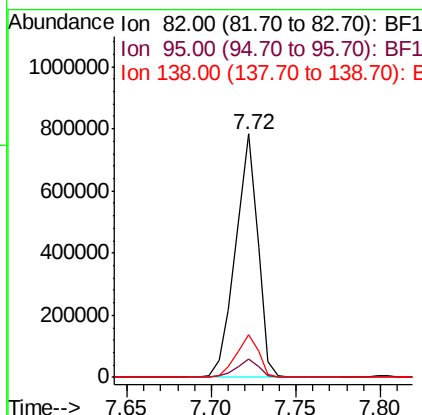
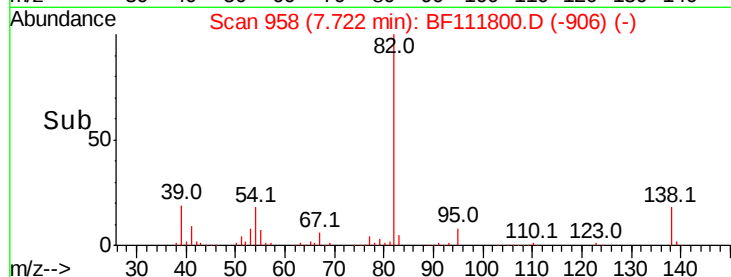
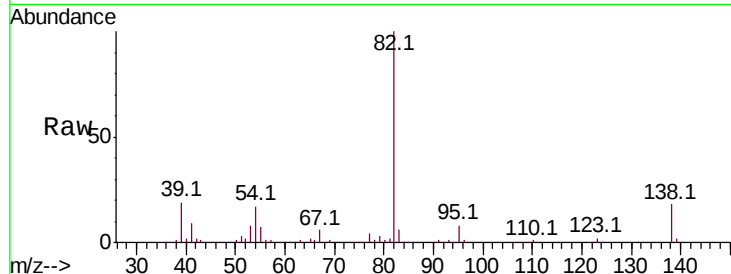
ClientSampleId :

PB116072BSD

Tot Ion:	82	Resp:	719057
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.4	8.2
138	17.7	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.659 ng

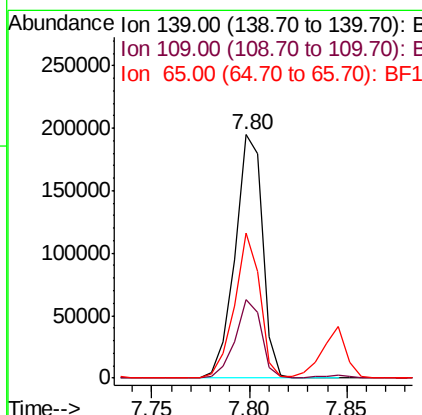
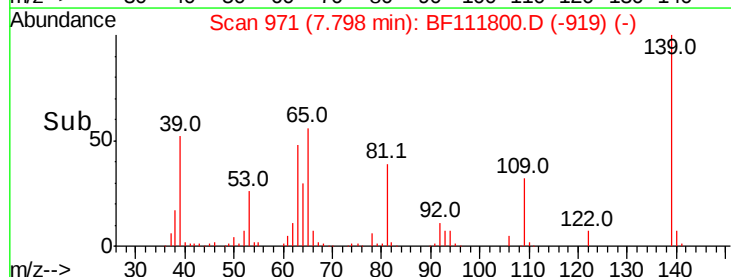
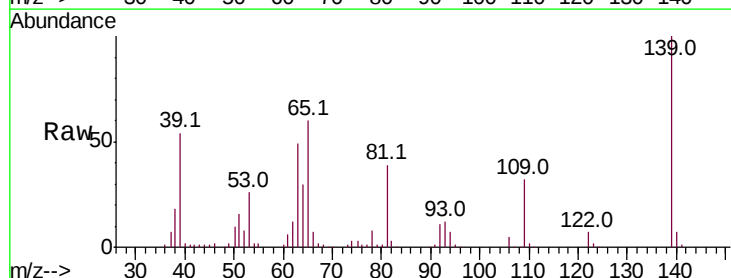
RT: 7.80 min Scan# 971

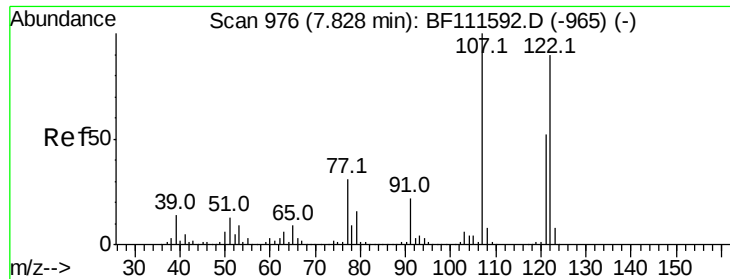
Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Tgt Ion:	139	Resp:	190143
Ion Ratio	Lower	Upper	
139	100		
109	32.1	20.2	30.4#
65	59.8	40.7	61.1





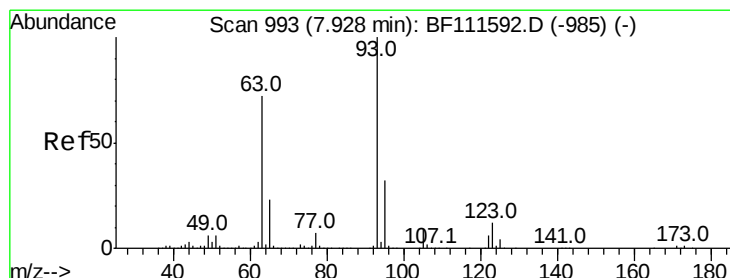
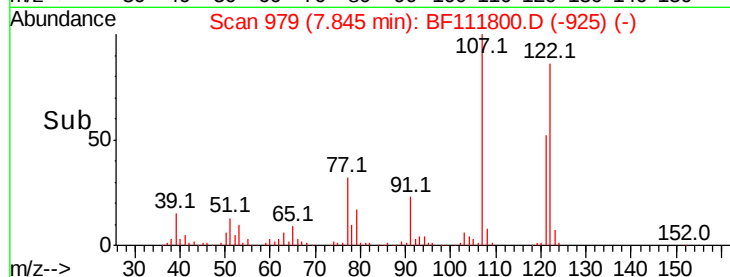
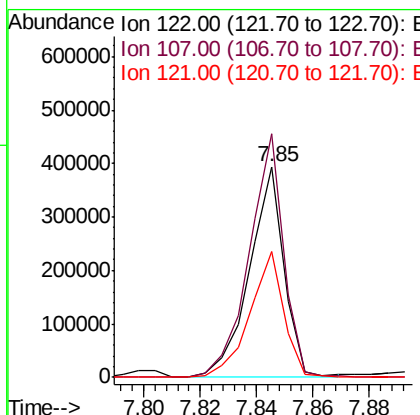
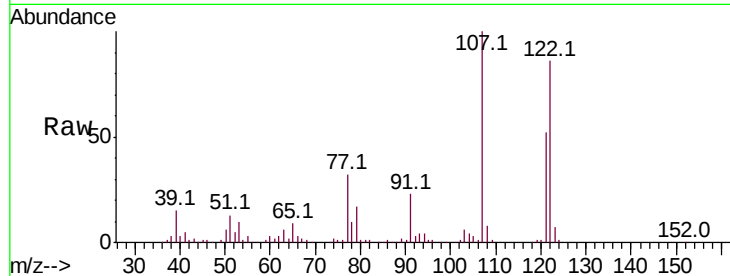
#27
2,4-Dimethylphenol
Concen: 46.277 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	85.5	128.3
121	59.8	46.6	70.0

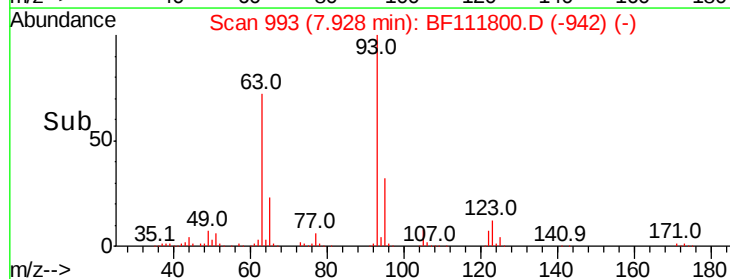
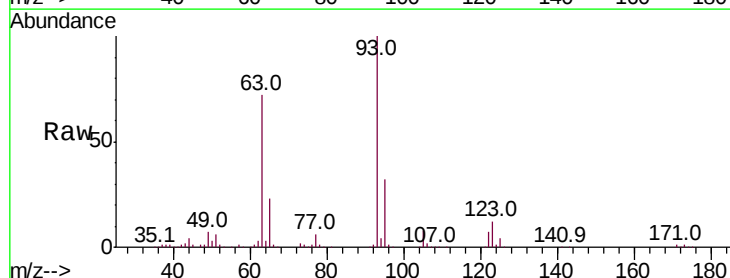
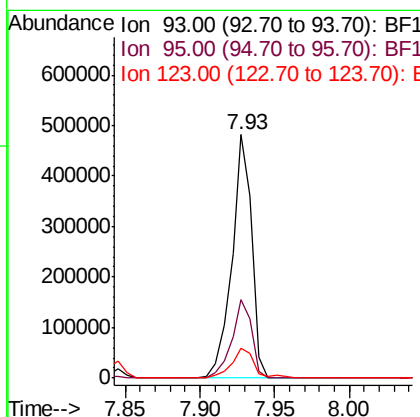
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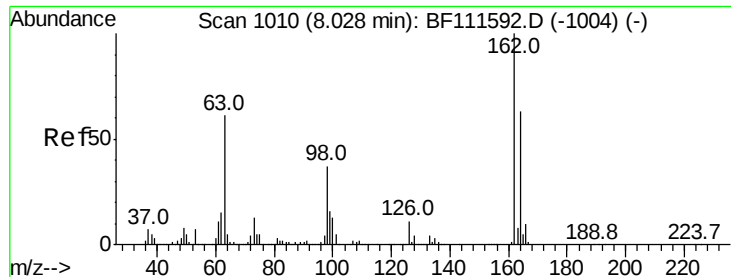
Sohil
1/2/2019 2:51:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.850 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.1	40.7
123	12.1	9.9	14.9





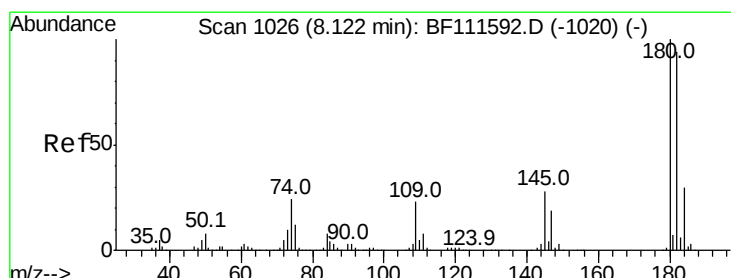
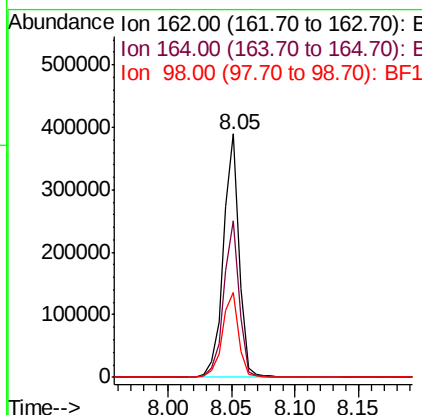
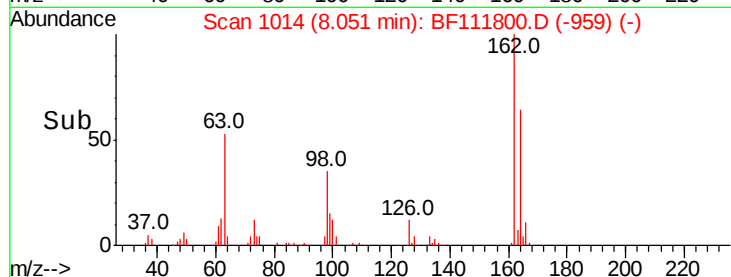
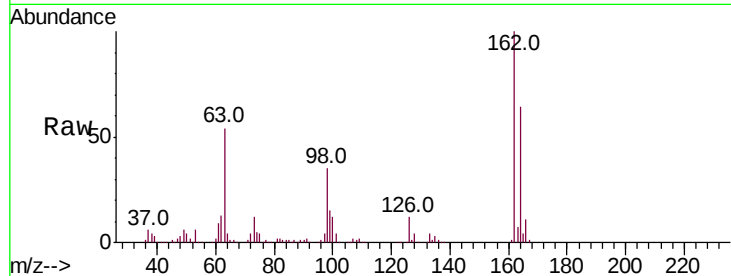
#29
2,4-Dichlorophenol
Concen: 43.181 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleID :
PB116072BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	44.4	84.4
98	34.7	20.3	60.3

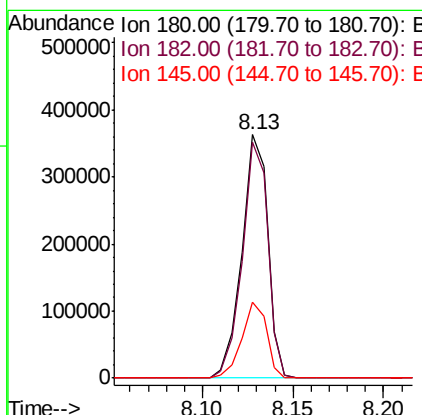
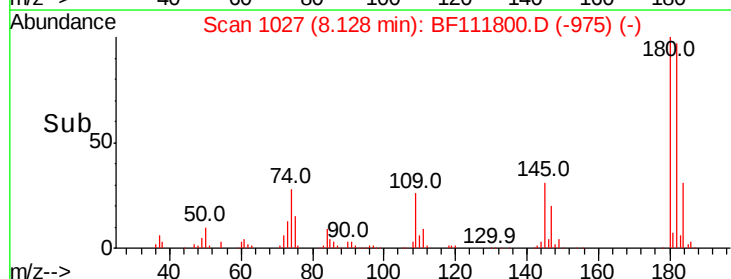
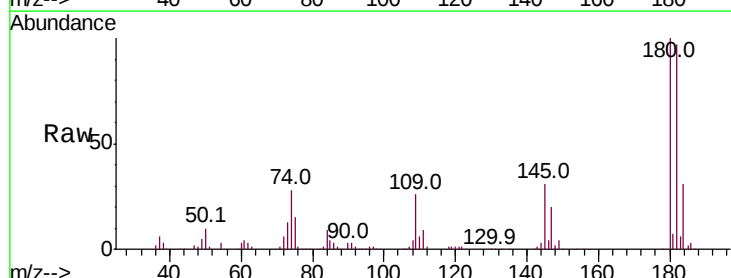
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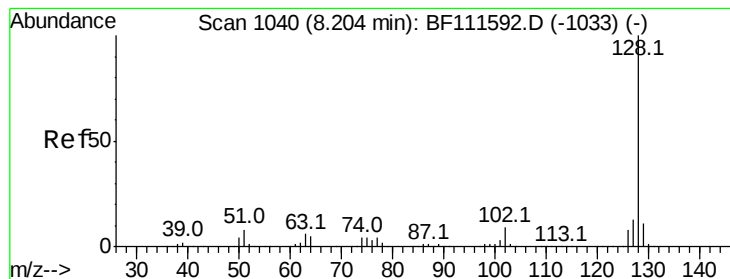
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.480 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.8	75.6	113.4
145	31.0	26.7	40.1





#31

Naphthalene

Concen: 45.456 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion:128 Resp: 1100833

Ion Ratio Lower Upper

128 100

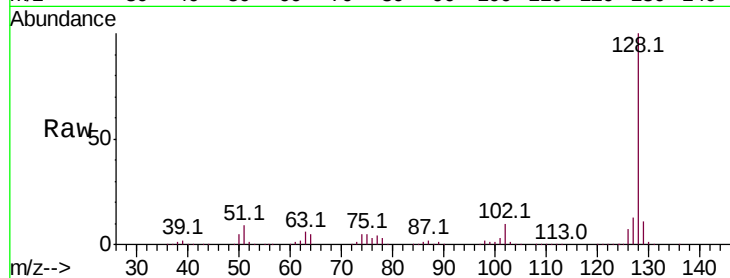
129 11.2 9.8 14.8

127 13.1 12.0 18.0

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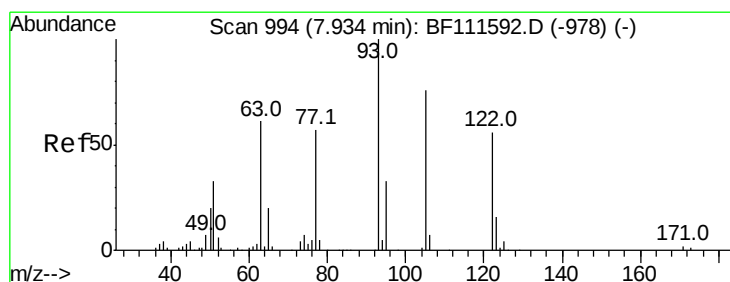
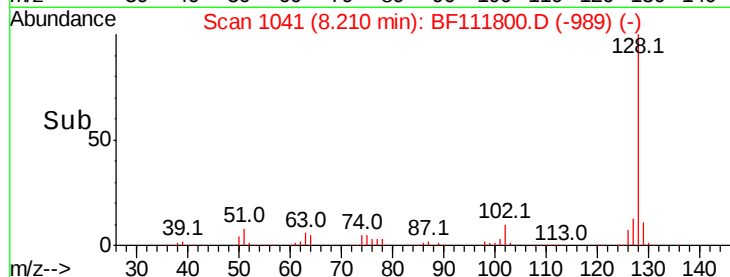
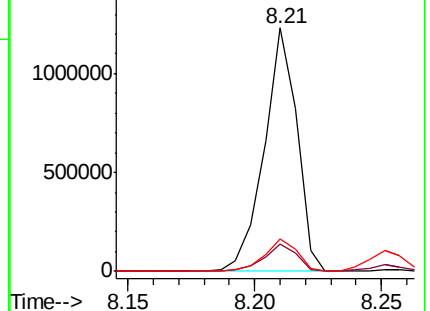
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.606 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.02 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

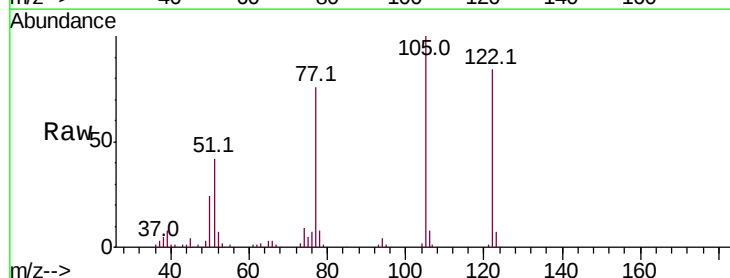
Tgt Ion:122 Resp: 170814

Ion Ratio Lower Upper

122 100

105 119.4 97.0 137.0

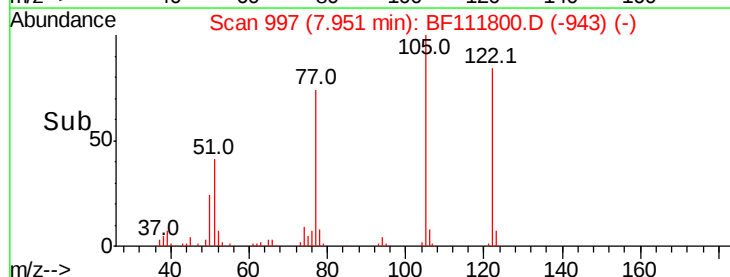
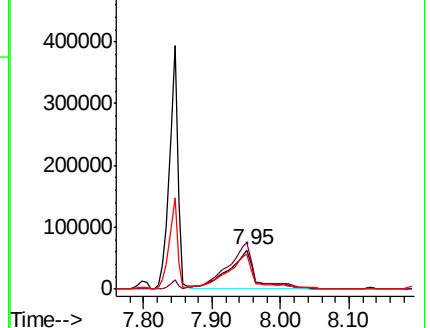
77 90.7 65.7 105.7

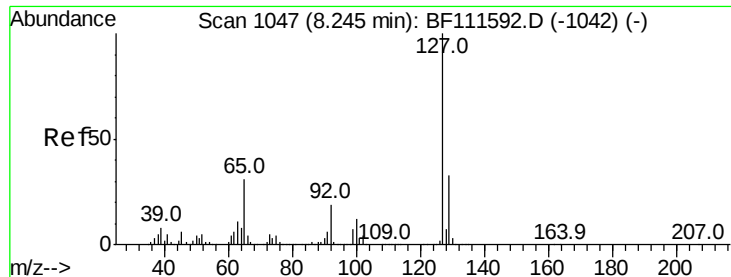


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





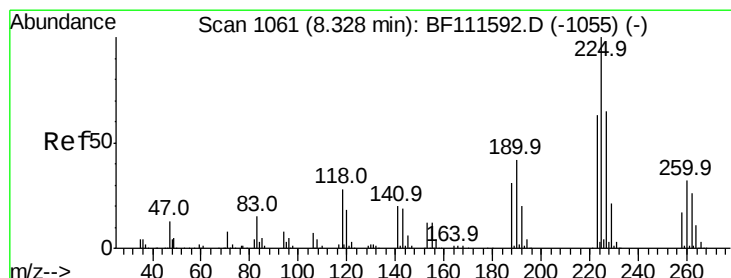
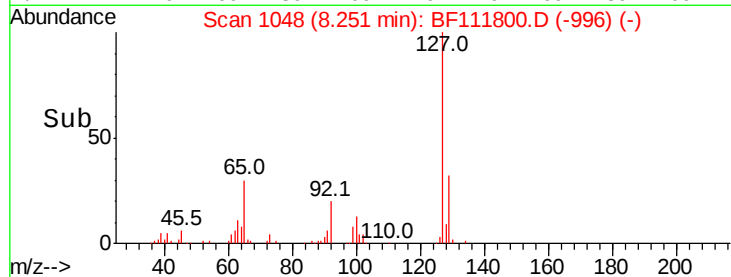
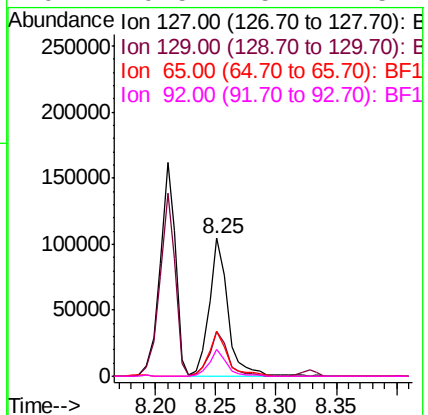
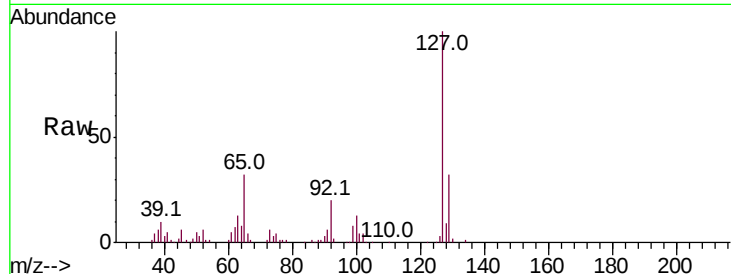
#33
4-Chloroaniline
Concen: 10.717 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.6	39.8	
65	32.4	25.7	38.5	
92	19.5	15.4	23.2	

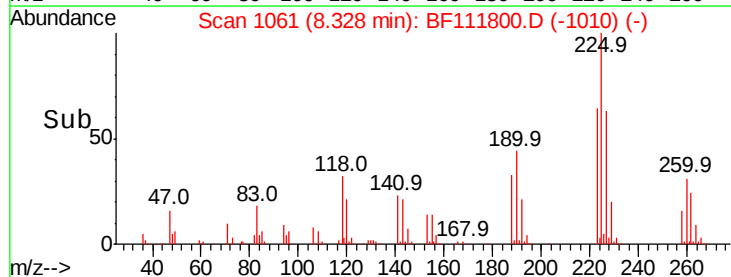
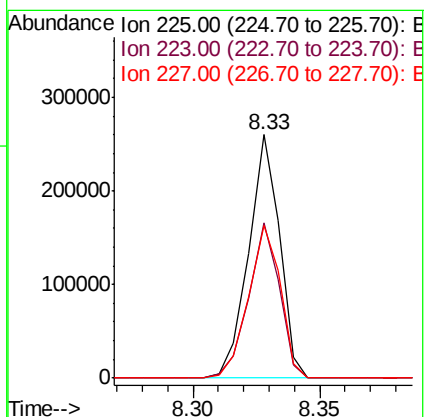
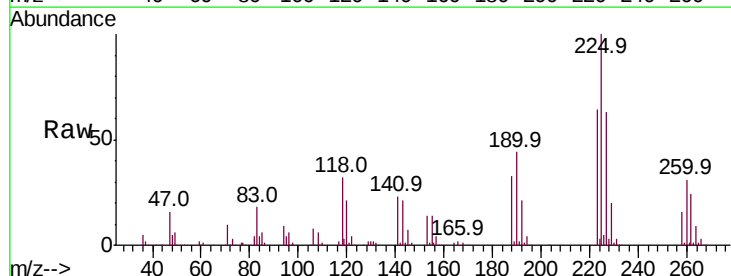
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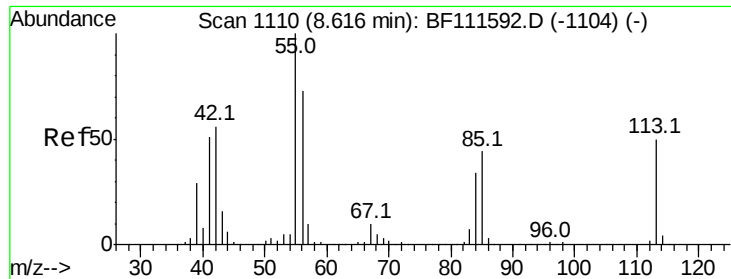
Sohil
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#34
Hexachlorobutadiene
Concen: 41.792 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.7	76.1	
227	62.8	52.6	78.8	





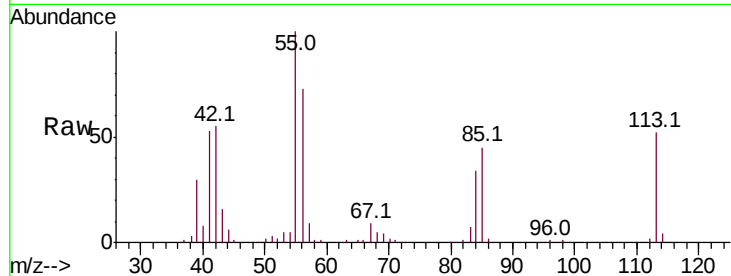
#35
 Caprolactam
 Concen: 37.629 ng m
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	191.6	184.1	224.1
56	140.0	126.0	166.0

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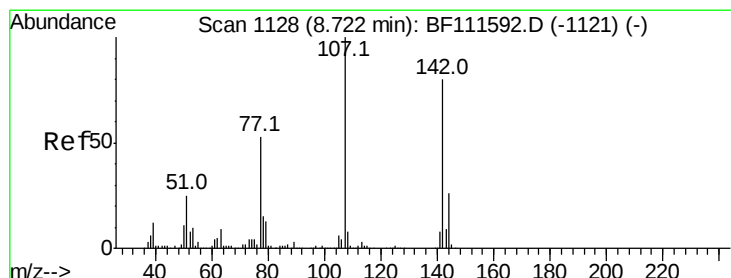
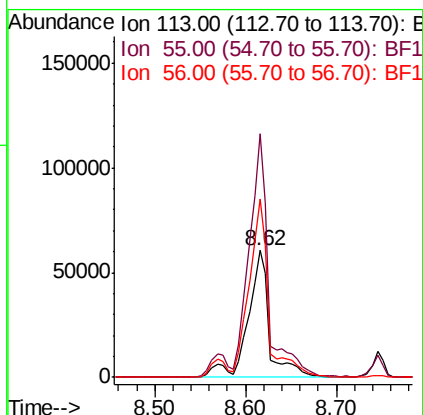
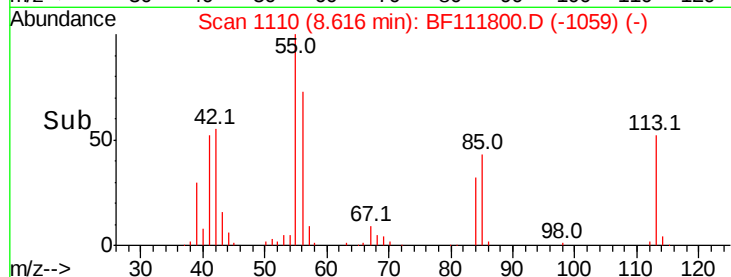


Abundance

Ion 113.00 (112.70 to 113.70): E

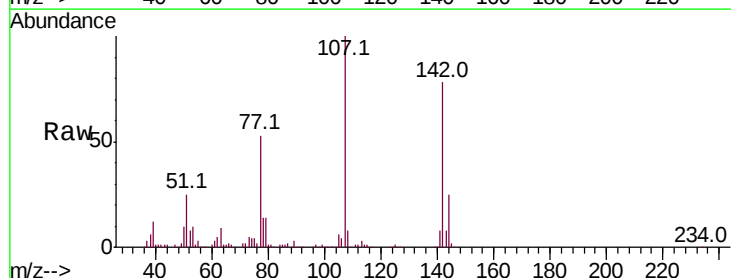
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 42.529 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.02 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	78.0	62.3	93.5

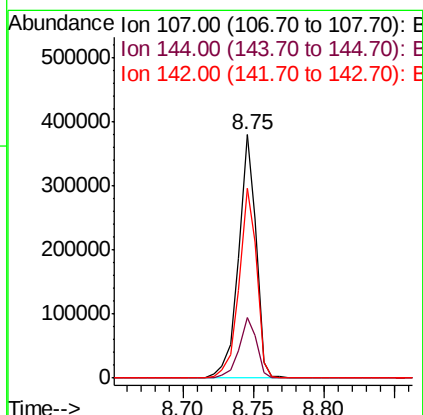
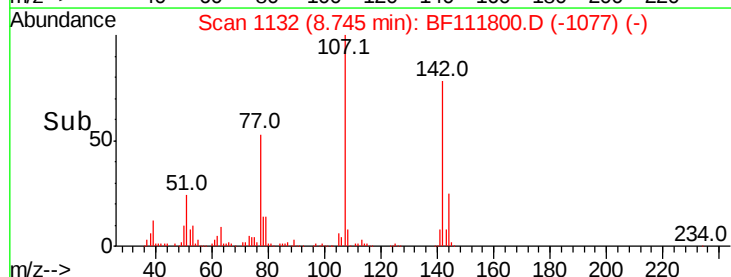


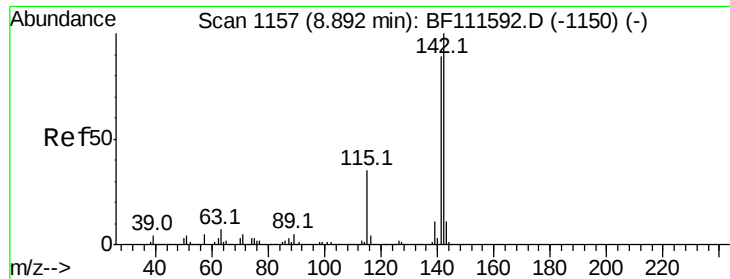
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





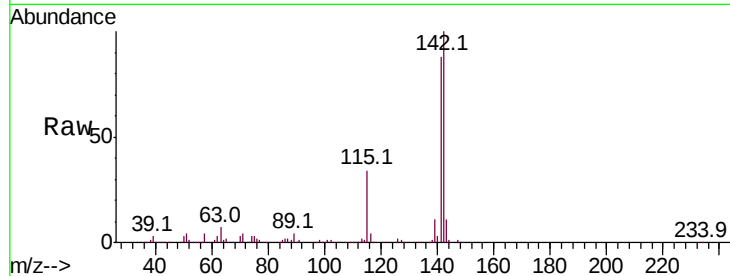
#37
2-Methylnaphthalene
Concen: 46.772 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	736953		
141	87.9	70.6	105.8	
115	34.3	27.0	40.6	

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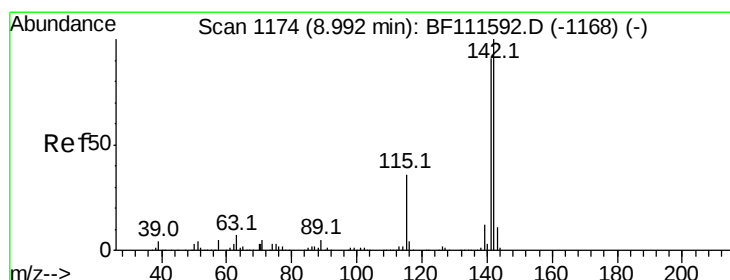
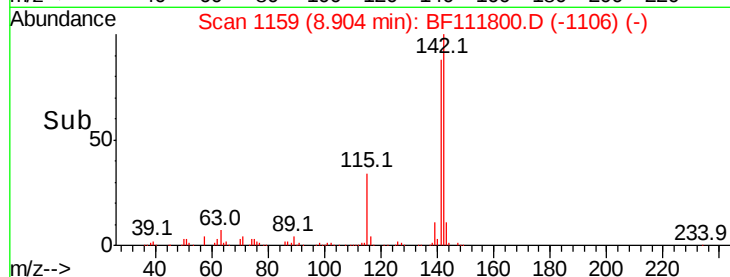
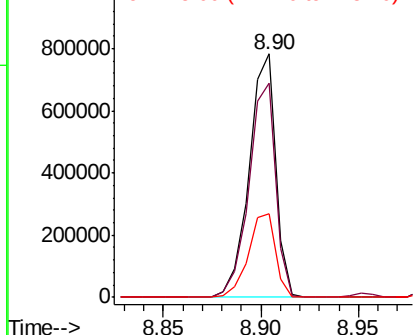


Abundance

Ion 142.00 (141.70 to 142.70): E

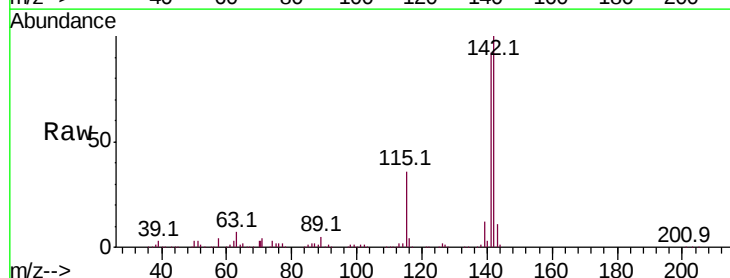
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.662 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	690985		
141	91.6	74.2	111.4	
116	3.7	2.9	4.3	

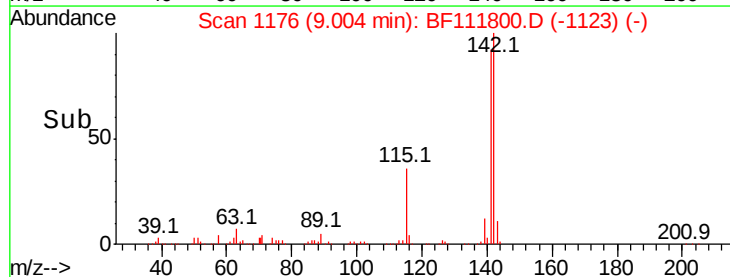
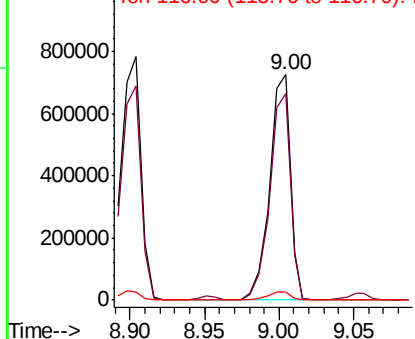


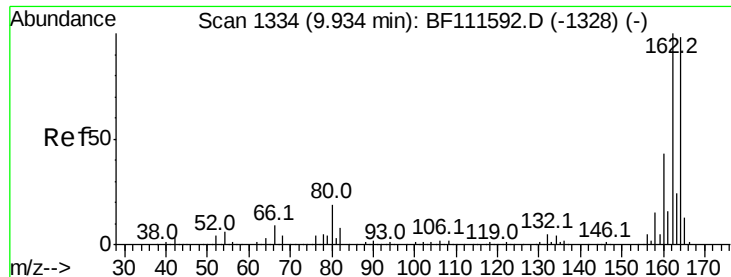
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





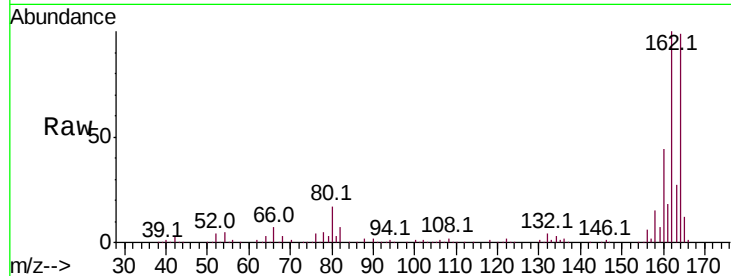
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	235941		
162	100.7	81.4	122.0	
160	44.3	35.7	53.5	

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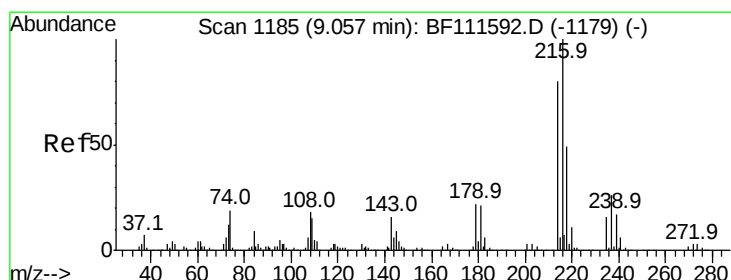
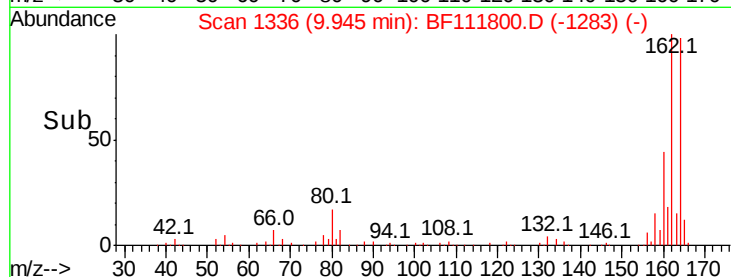
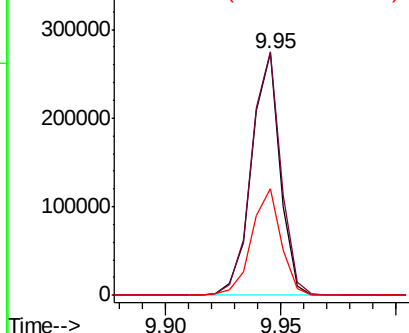


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.595 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	353494		
214	78.9	63.8	95.8	
179	21.1	17.9	26.9	
108	18.1	18.4	27.6#	

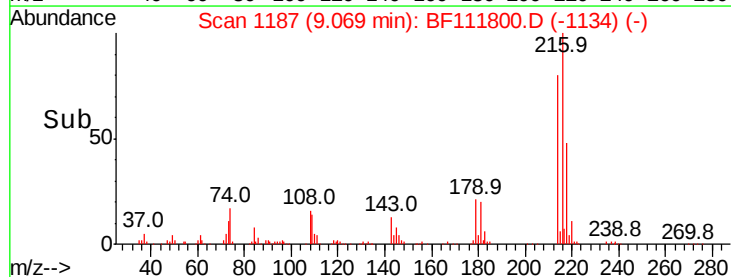
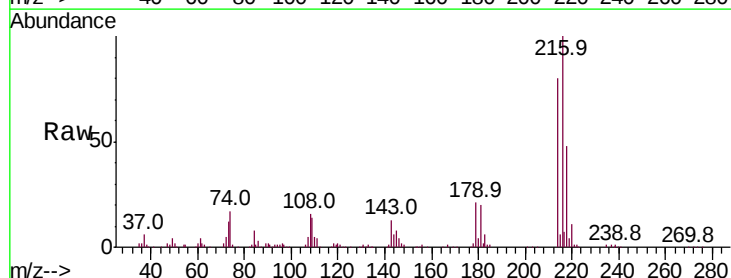
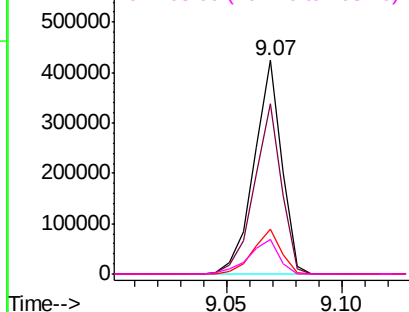
Abundance

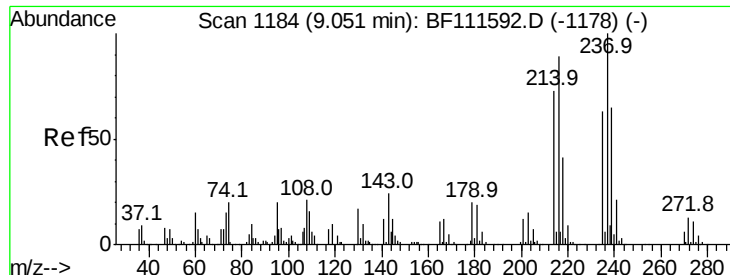
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 51.456 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

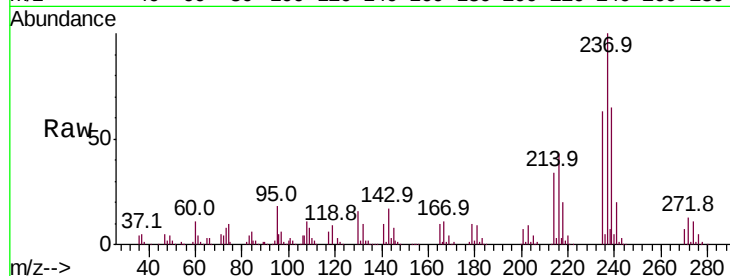
ClientSampleId :

PB116072BSD

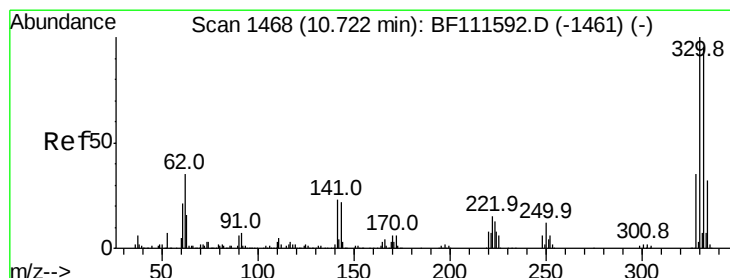
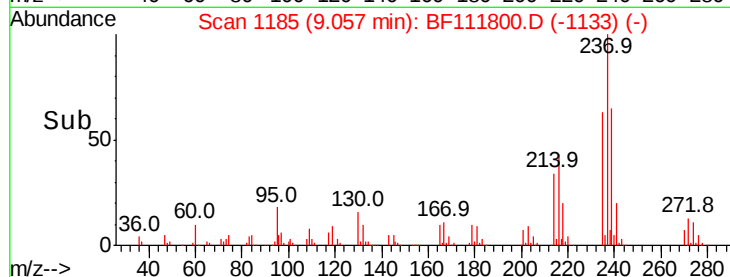
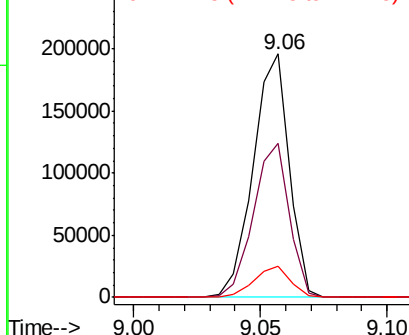
Tot Ion:	237	Resp:	193590
Ion Ratio		Lower	Upper
237	100		
235	63.3	43.1	83.1
272	12.9	0.0	33.0

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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: 115.932 ng

RT: 10.73 min Scan# 1470

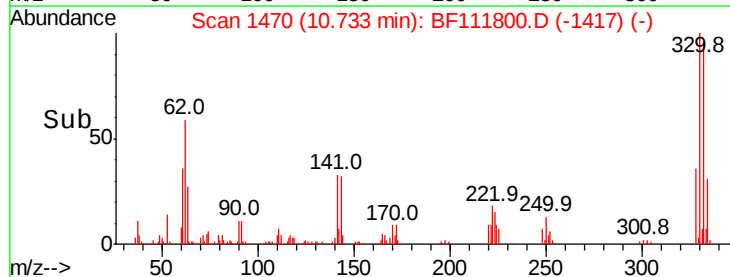
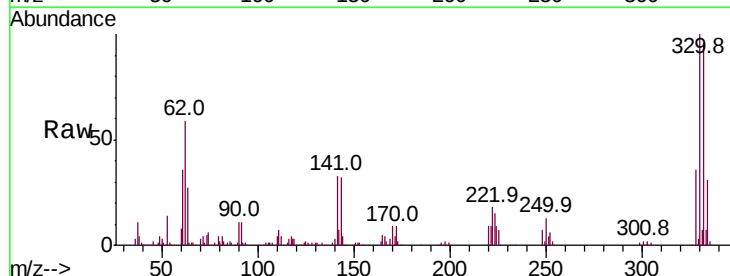
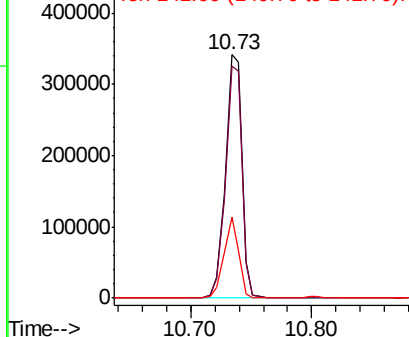
Delta R.T. 0.01 min

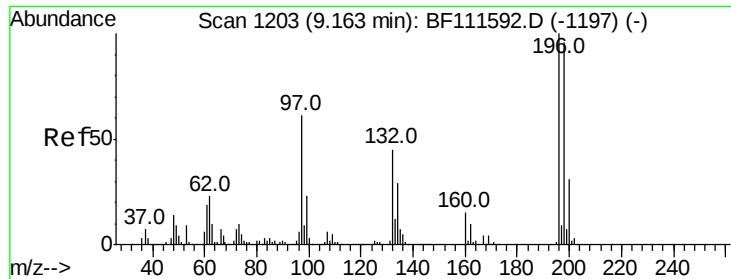
Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Tgt Ion:	330	Resp:	323198
Ion Ratio		Lower	Upper
330	100		
332	96.0	76.0	114.0
141	29.5	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: 44.467 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.02 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

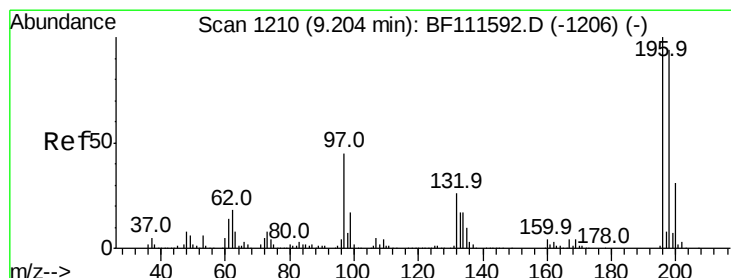
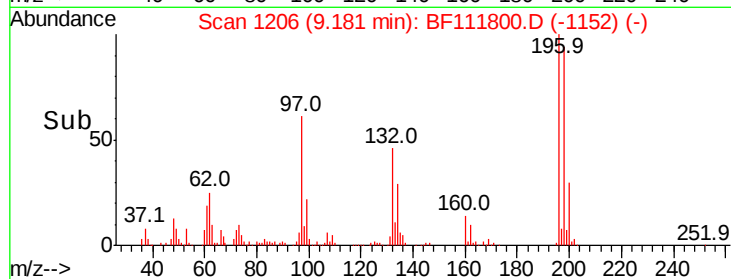
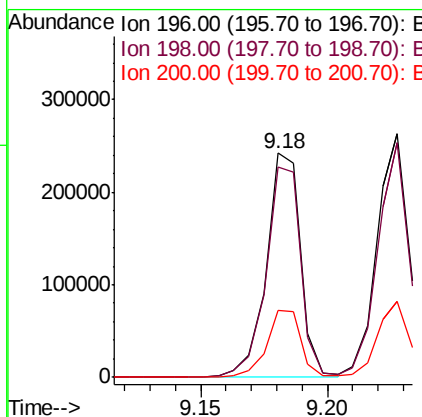
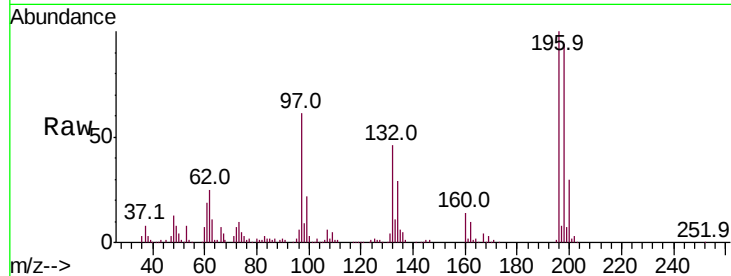
ClientSampleId :

PB116072BSD

Tot Ion:	196	Resp:	230175
Ion Ratio	Lower	Upper	
196	100		
198	93.7	76.3	114.5
200	30.0	24.9	37.3

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#44

2,4,5-Trichlorophenol

Concen: 44.292 ng

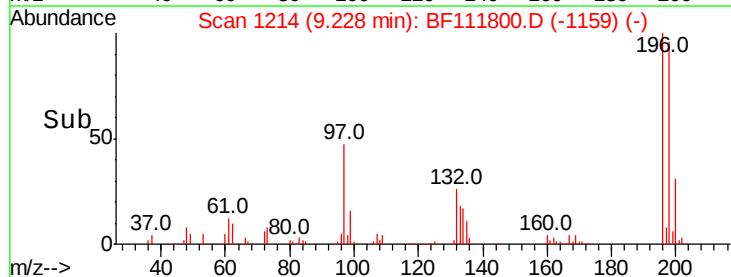
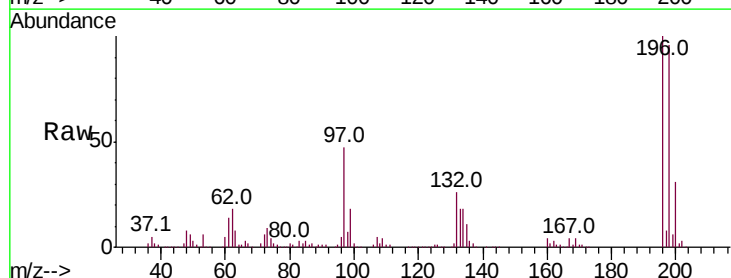
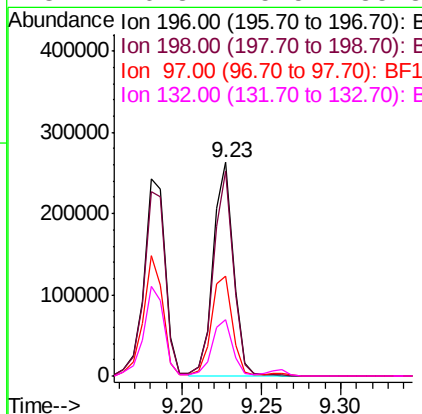
RT: 9.23 min Scan# 1214

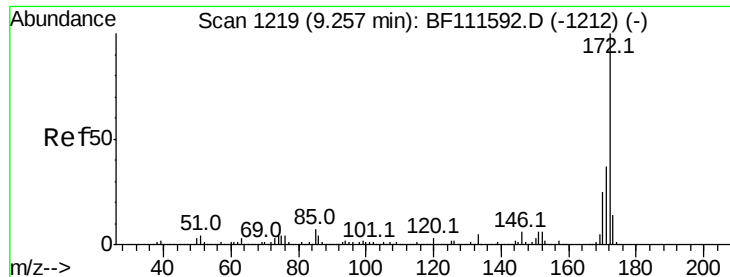
Delta R.T. 0.02 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Tgt Ion:	196	Resp:	235204
Ion Ratio	Lower	Upper	
196	100		
198	96.2	72.9	109.3
97	46.9	45.3	67.9
132	26.3	25.5	38.3





#45

2-Fluorobiphenyl

Concen: 94.643 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion:172 Resp: 1532004

Ion Ratio Lower Upper

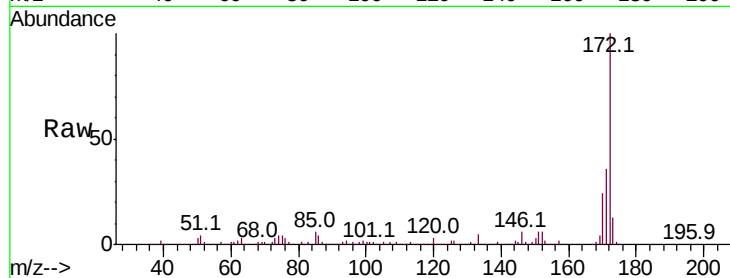
172 100

171 36.4 33.0 49.4

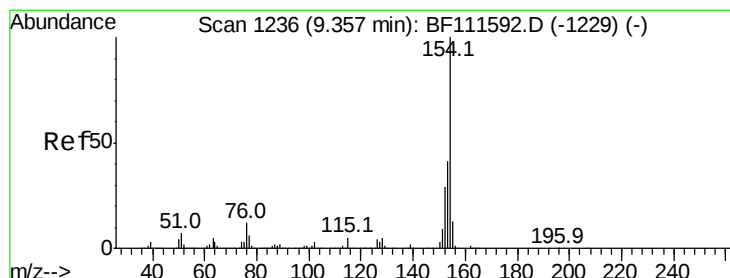
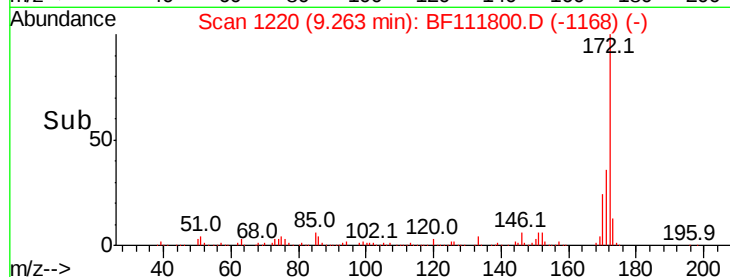
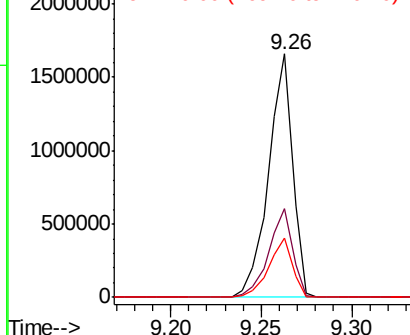
170 24.4 22.3 33.5

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 44.847 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

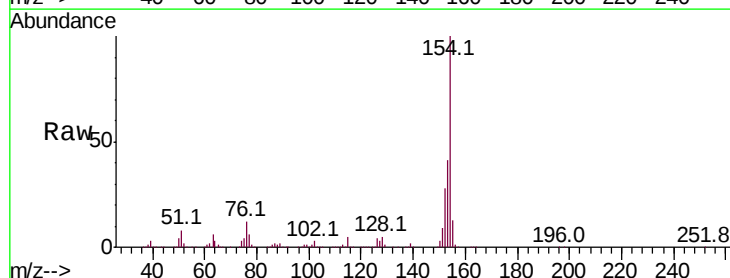
Tgt Ion:154 Resp: 893221

Ion Ratio Lower Upper

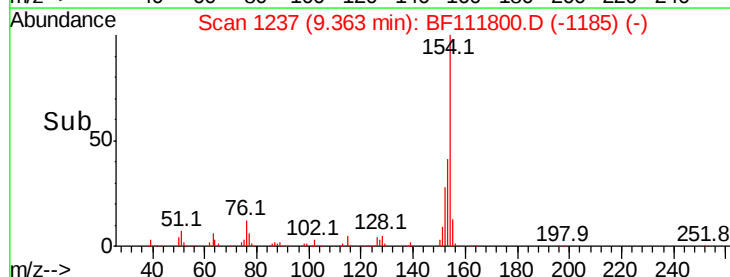
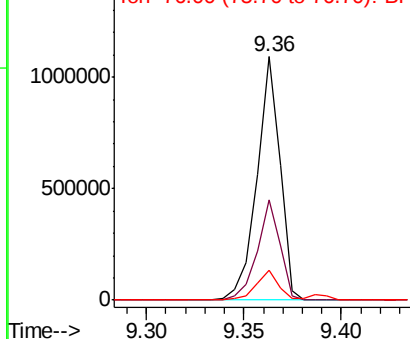
154 100

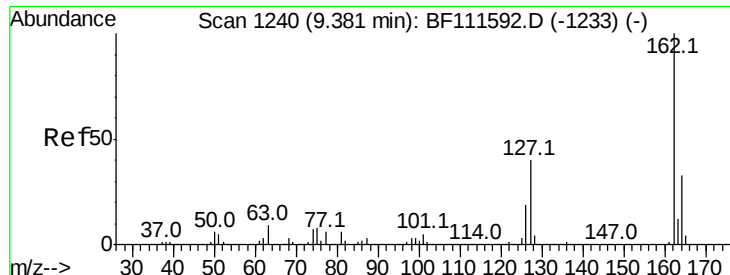
153 41.3 23.7 63.7

76 12.2 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





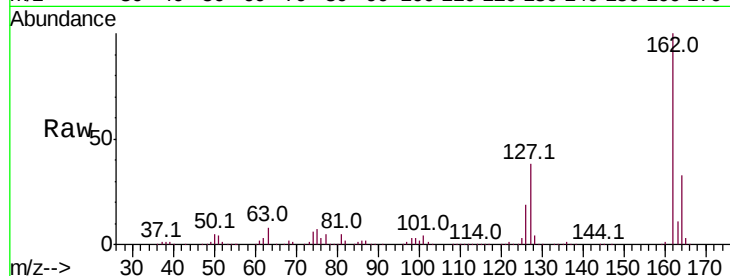
#47
2-Chloronaphthalene
Concen: 43.005 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

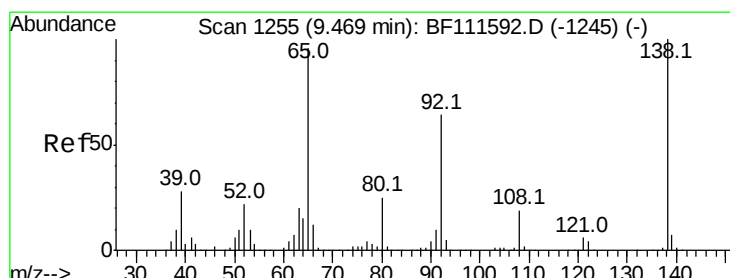
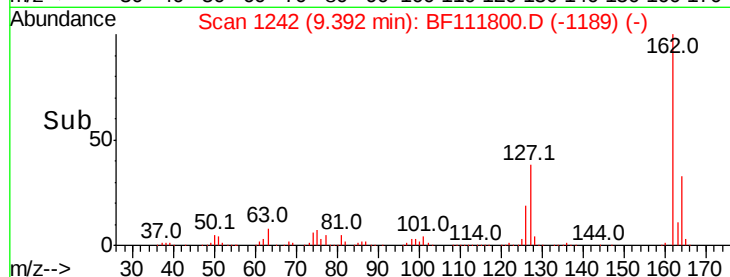
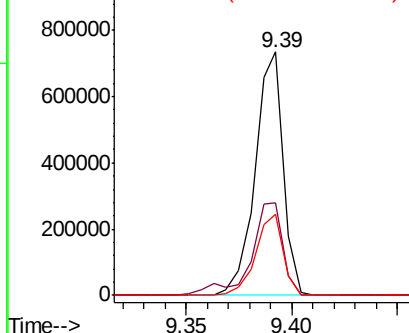
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.1	35.0	52.4
164	33.2	28.4	42.6

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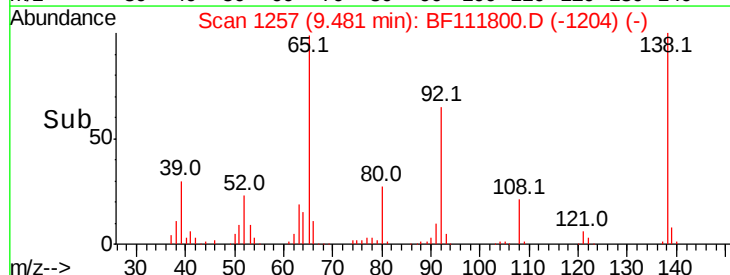
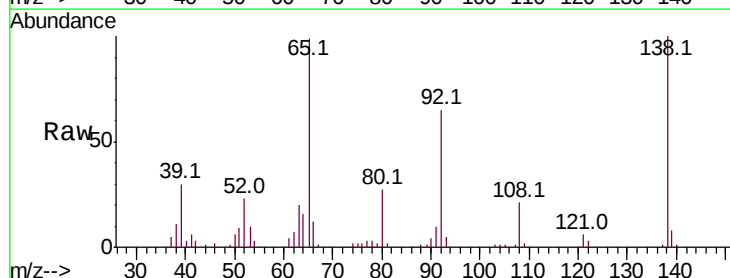
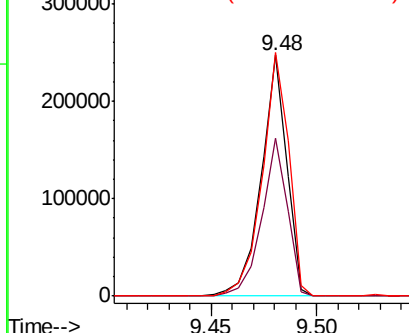
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

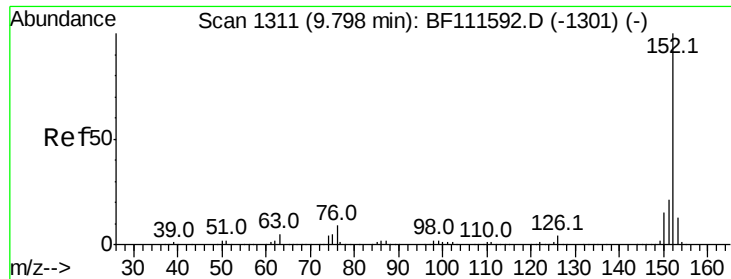


#48
2-Nitroaniline
Concen: 50.655 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	65.3	53.5	80.3
138	101.1	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: 45.048 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

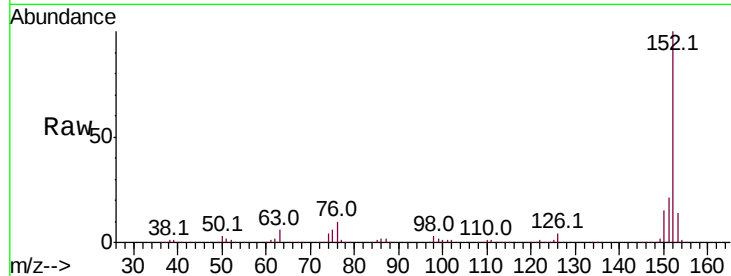
ClientSampleId :

PB116072BSD

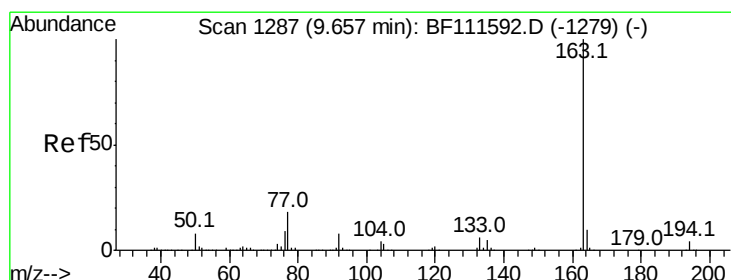
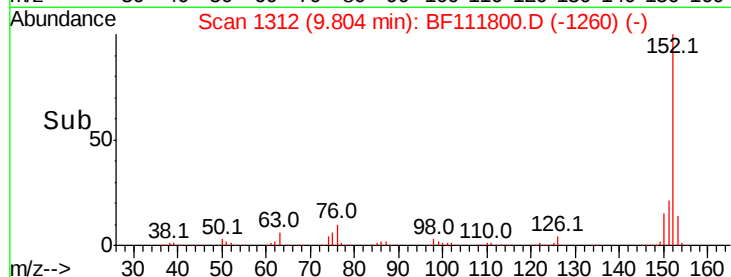
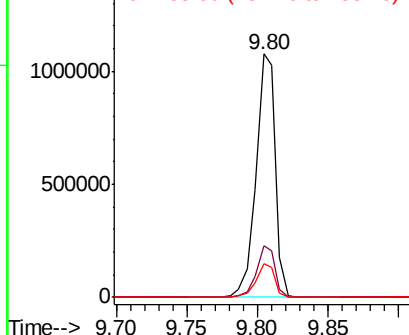
Tot Ion:	152	Resp:	1037890
Ion Ratio	Lower	Upper	
152	100		
151	21.1	18.0	27.0
153	13.7	12.3	18.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.510 ng

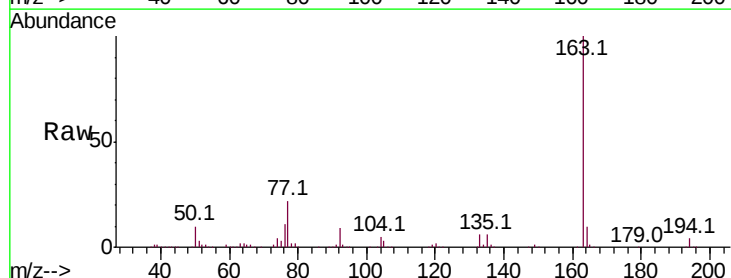
RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

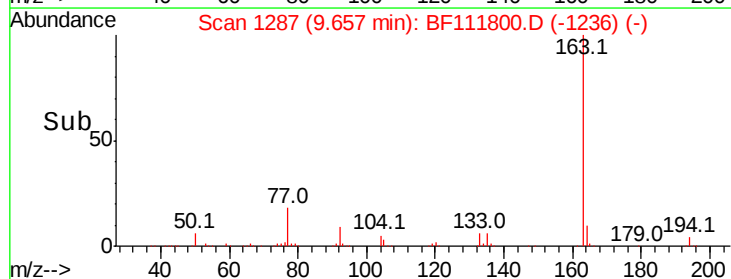
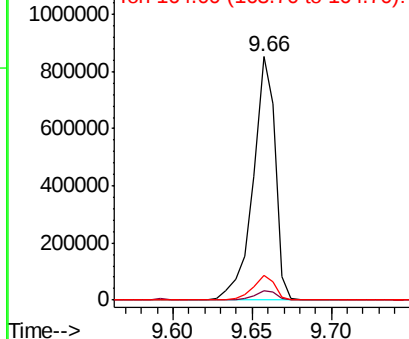
Lab File: BF111800.D

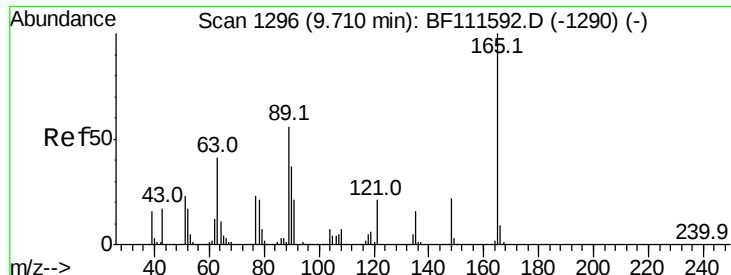
Acq: 28 Dec 2018 20:29

Tgt Ion:	163	Resp:	819720
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	10.3	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





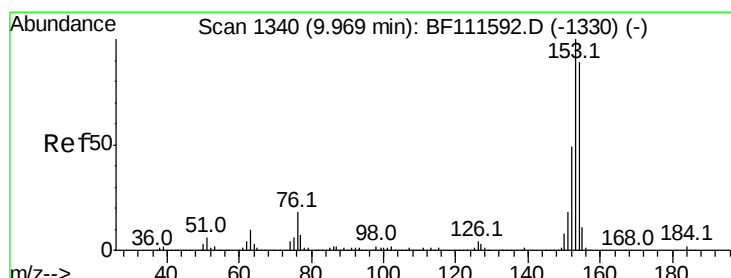
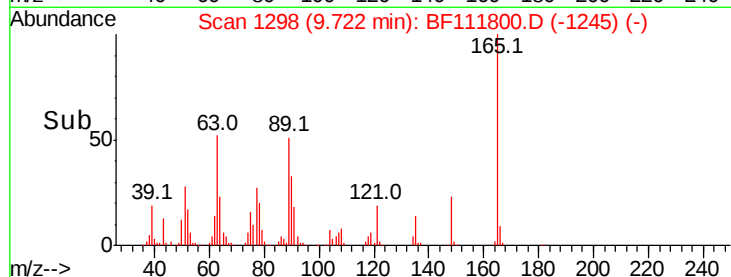
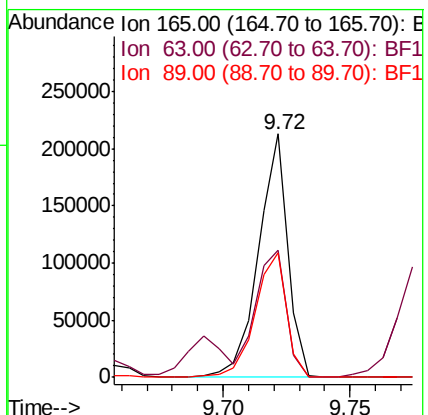
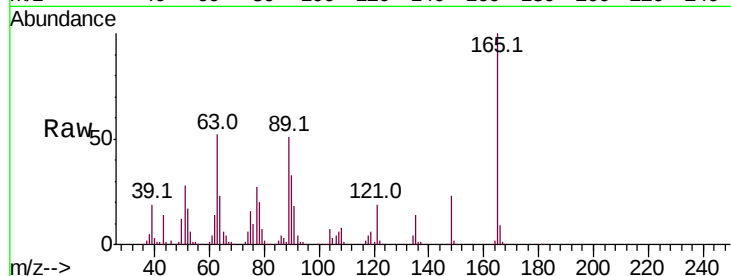
#51
2,6-Dinitrotoluene
Concen: 49.857 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	171527		
63	52.0	40.5	60.7	
89	51.4	40.0	60.0	

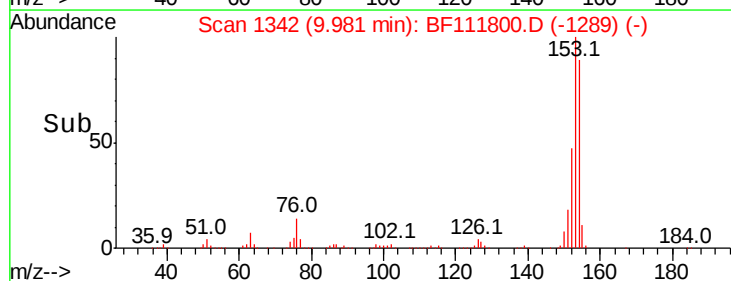
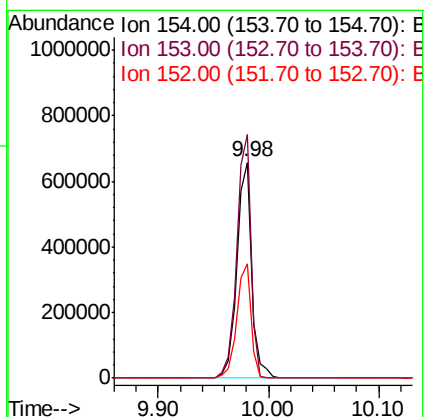
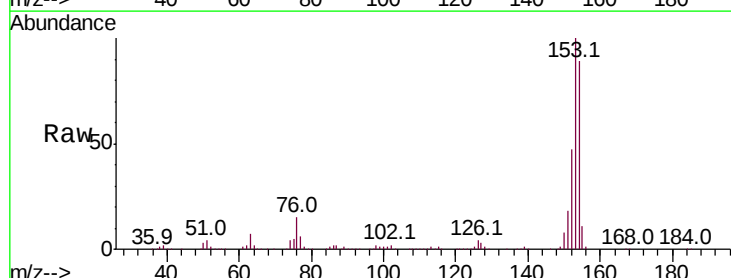
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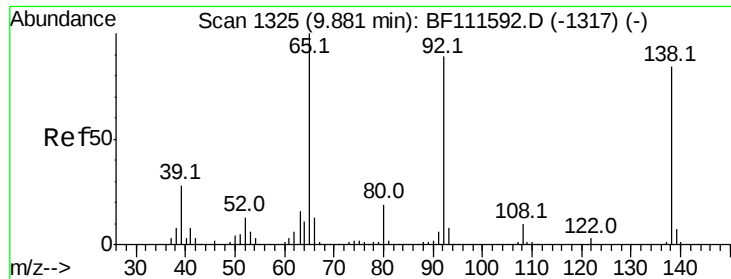
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#52
Acenaphthene
Concen: 43.982 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	624989		
153	112.9	87.8	131.8	
152	52.8	43.4	65.2	





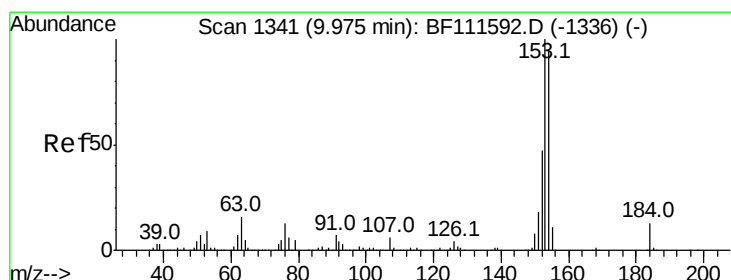
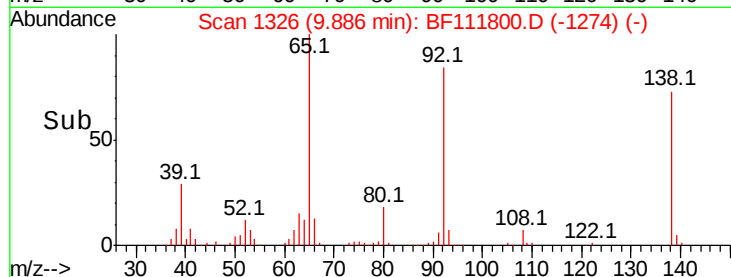
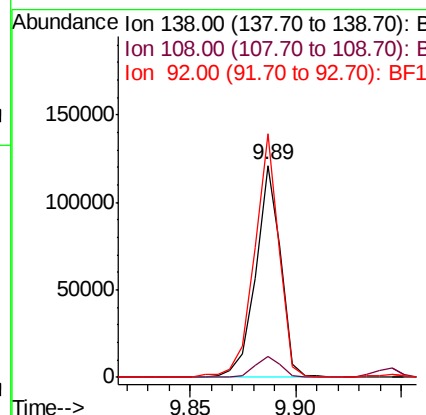
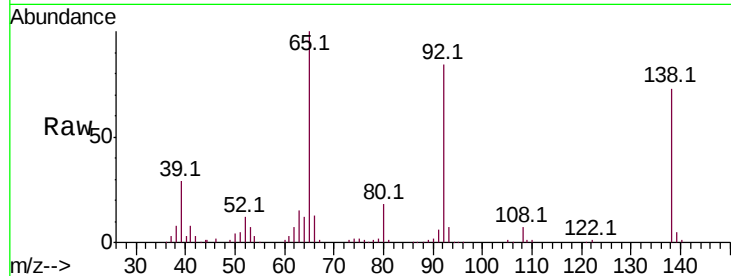
#53
 3-Nitroaniline
 Concen: 26.897 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.2	12.4
92	114.9	93.4	140.2

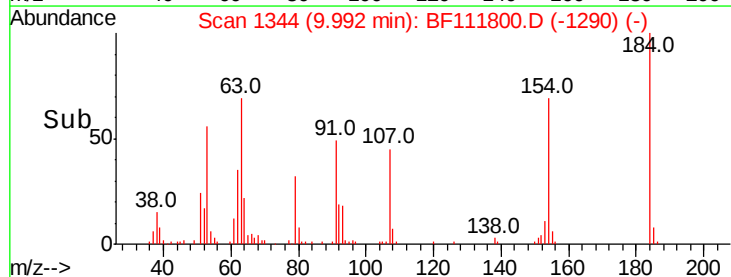
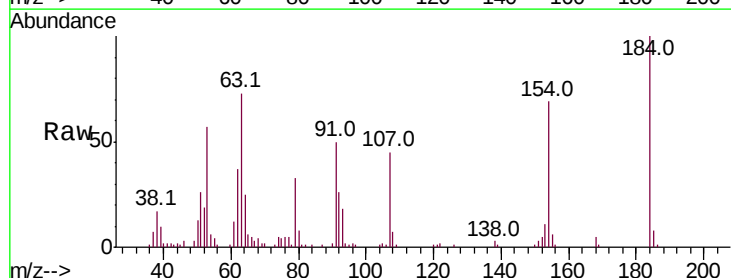
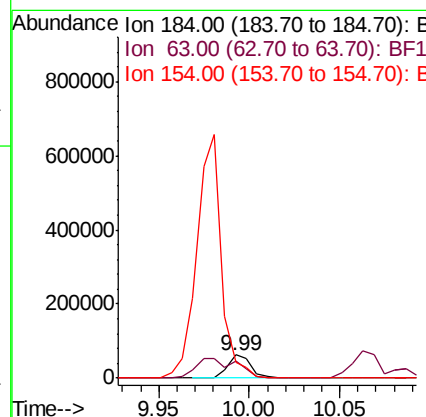
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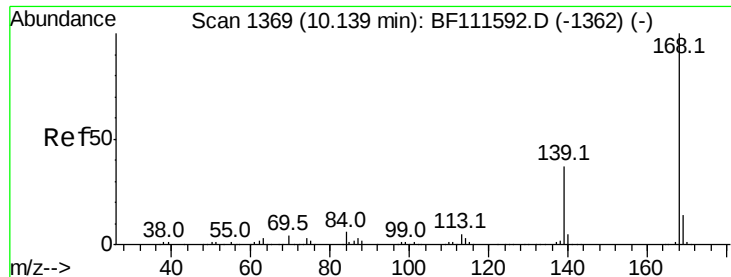
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#54
 2,4-Dinitrophenol
 Concen: 53.421 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.02 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.3	62.3	93.5
154	69.5	56.2	84.2





#55

Dibenzofuran

Concen: 42.557 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

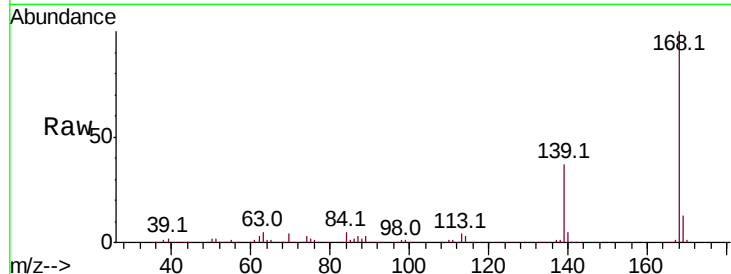
ClientSampled :

PB116072BSD

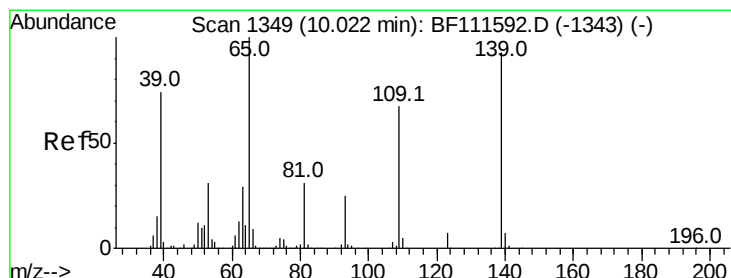
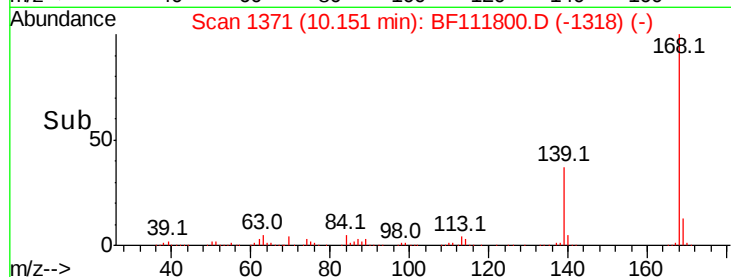
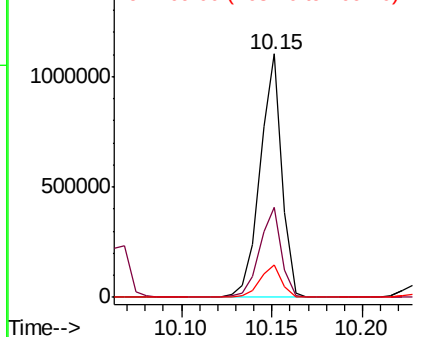
Tot Ion:	168	Resp:	913633
Ion Ratio	Lower	Upper	
168	100		
139	36.8	32.6	49.0
169	13.2	11.8	17.6

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Abundance Ion 168.00 (167.70 to 168.70): E
1500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.599 ng

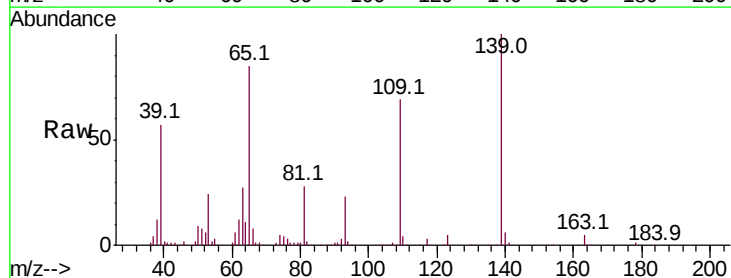
RT: 10.07 min Scan# 1357

Delta R.T. 0.05 min

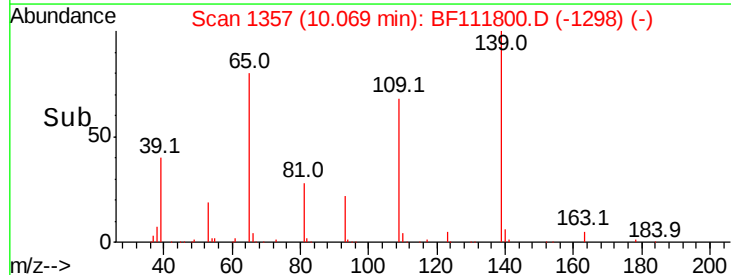
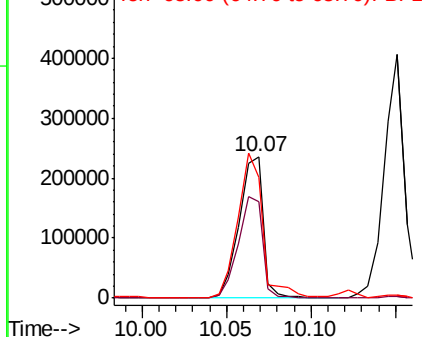
Lab File: BF111800.D

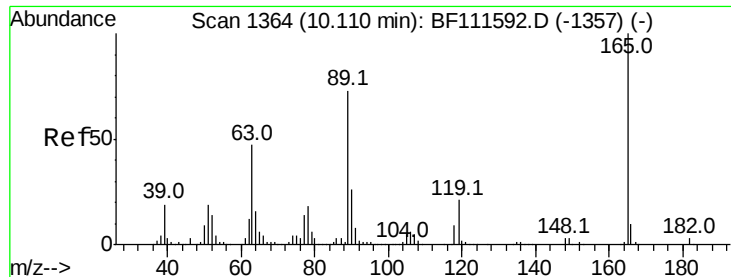
Acq: 28 Dec 2018 20:29

Tgt Ion:	139	Resp:	234087
Ion Ratio	Lower	Upper	
139	100		
109	68.5	41.8	81.8
65	85.2	79.6	119.6



Abundance Ion 139.00 (138.70 to 139.70): E
500000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





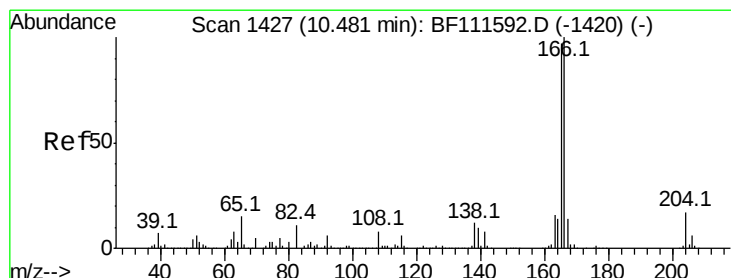
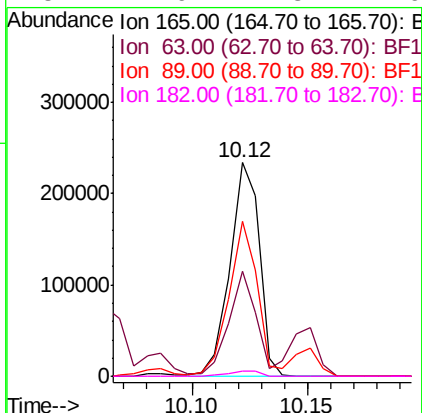
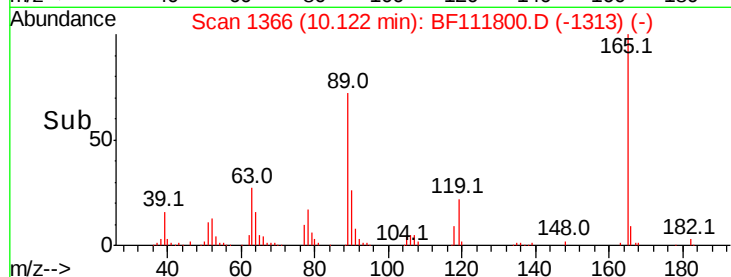
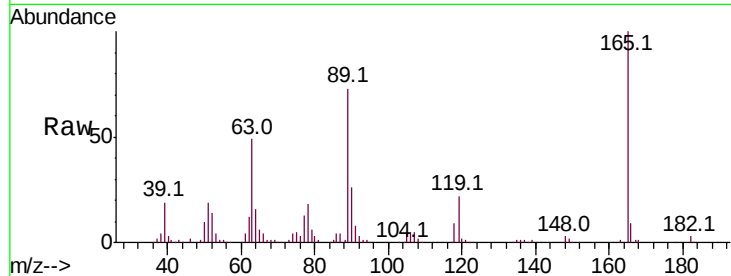
#57
2,4-Dinitrotoluene
Concen: 50.387 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	208342		
63	48.9		34.6	52.0
89	72.7		56.2	84.4
182	2.6		1.8	2.6

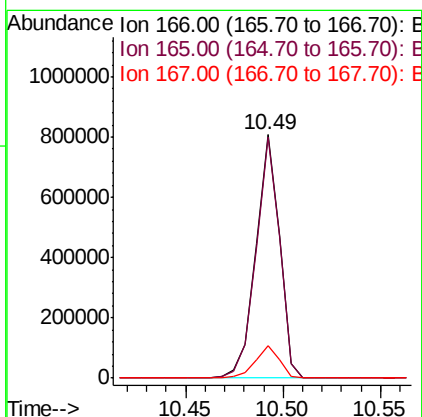
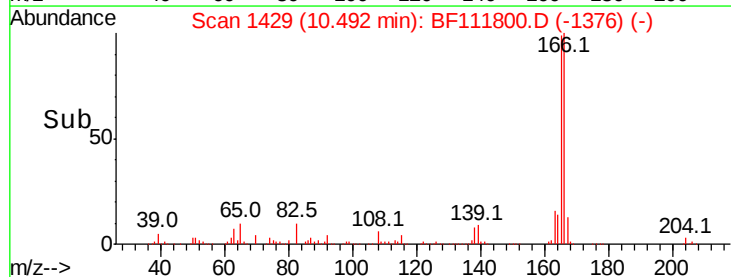
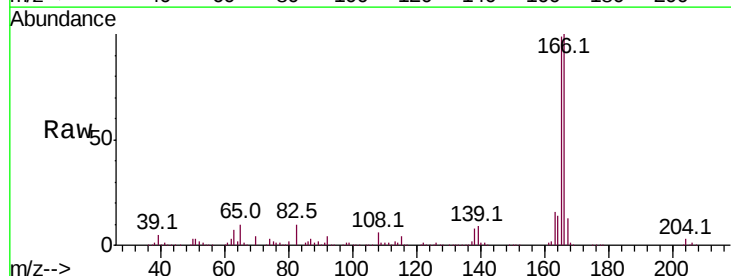
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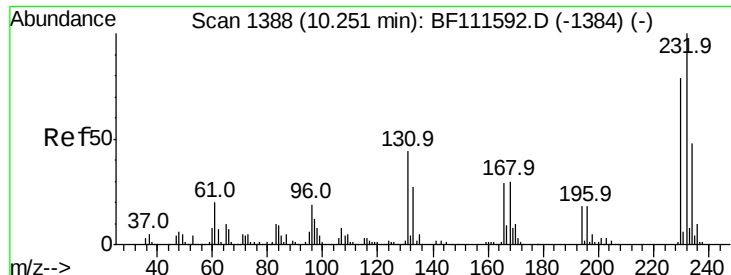
Sohil
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#58
Fluorene
Concen: 43.762 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	677002		
165	98.9		78.4	117.6
167	13.5		11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.907 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.02 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion:232 Resp: 178342

Ion Ratio Lower Upper

232 100

131 42.4 40.9 61.3

130 2.2 2.0 3.0

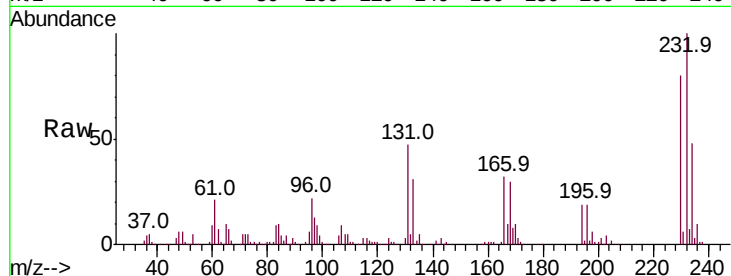
166 29.8 26.8 40.2

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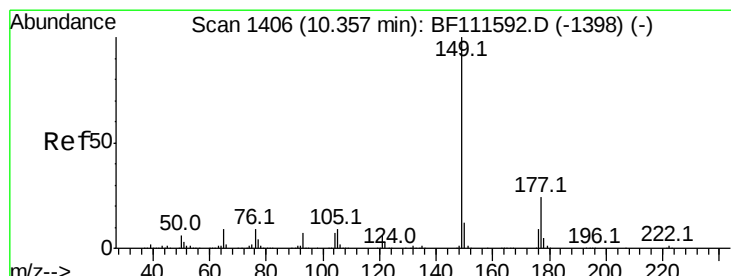
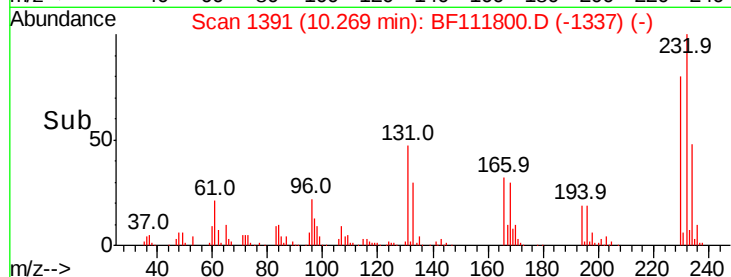
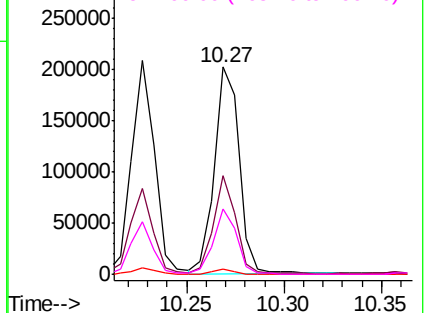
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.708 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

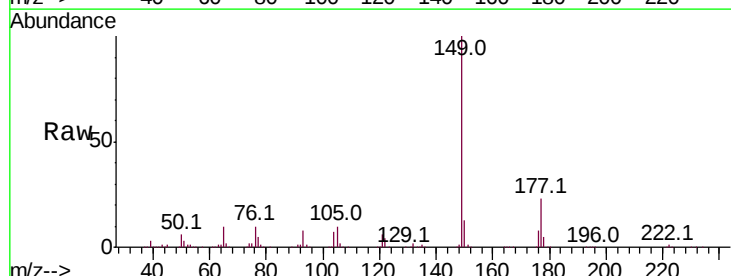
Tgt Ion:149 Resp: 773597

Ion Ratio Lower Upper

149 100

177 23.3 18.3 27.5

150 12.7 10.6 15.8

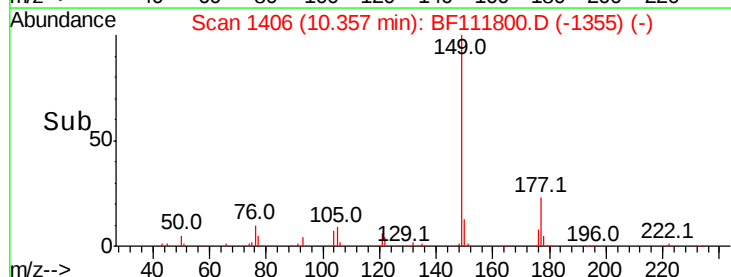
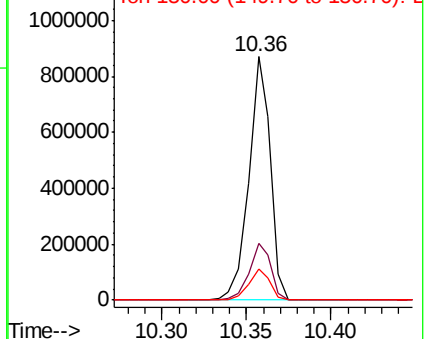


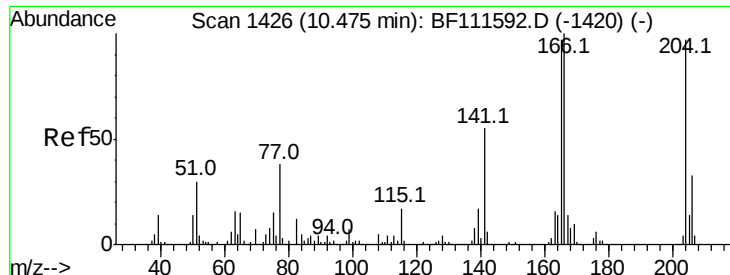
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





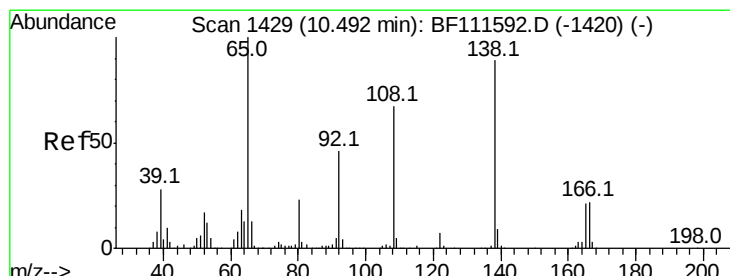
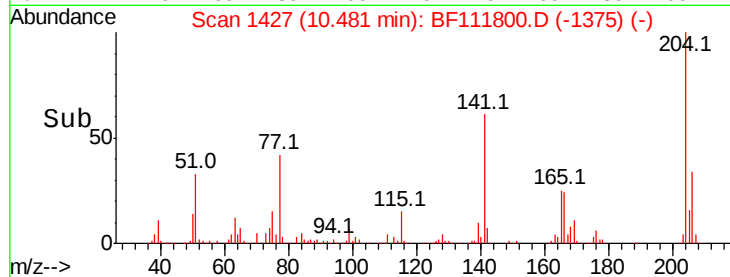
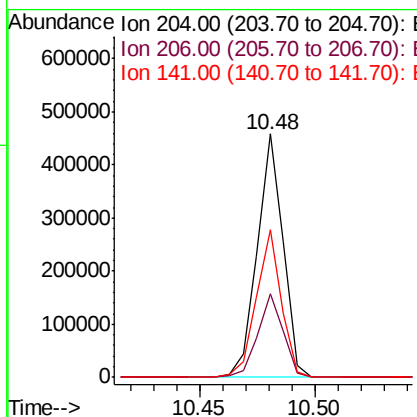
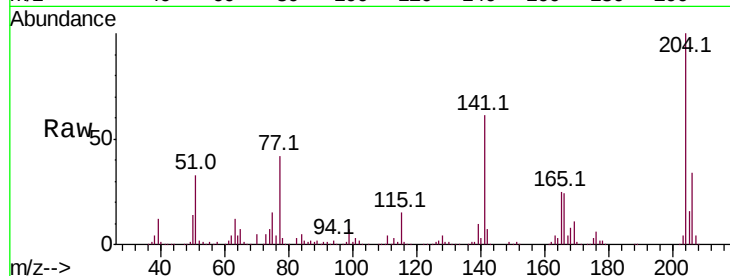
#61
 4-Chlorophenyl-phenylether
 Concen: 41.830 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion:	204	Resp:	357517
Ion Ratio	Lower	Upper	
204	100		
206	34.1	26.6	39.8
141	60.5	52.6	78.8

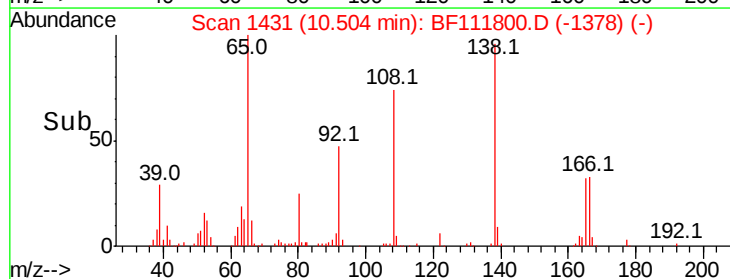
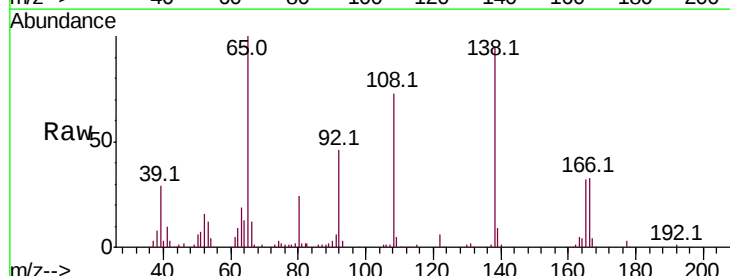
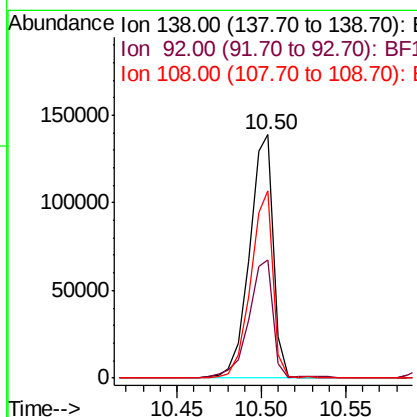
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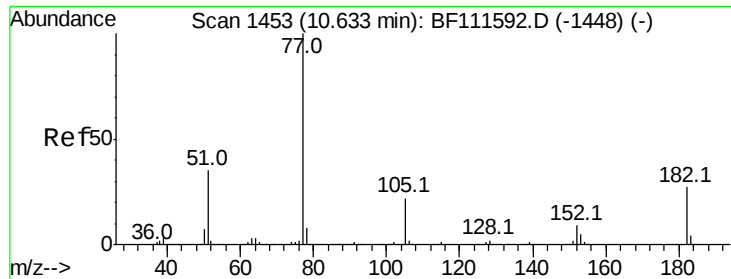
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#62
 4-Nitroaniline
 Concen: 38.469 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Tgt Ion:	138	Resp:	137185
Ion Ratio	Lower	Upper	
138	100		
92	48.6	29.9	69.9
108	77.0	43.2	83.2





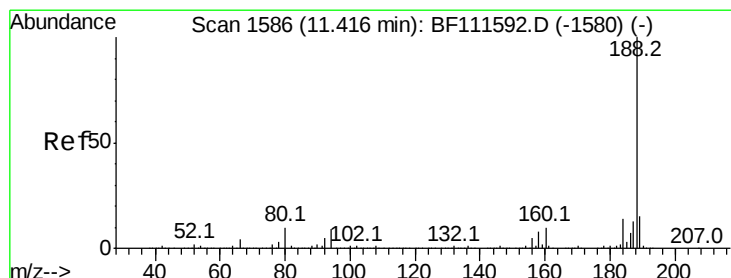
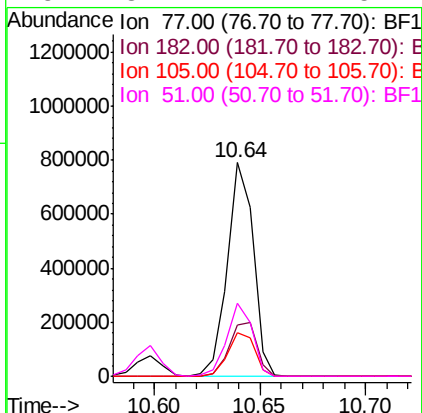
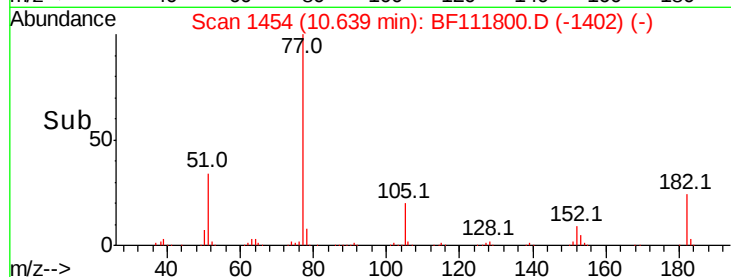
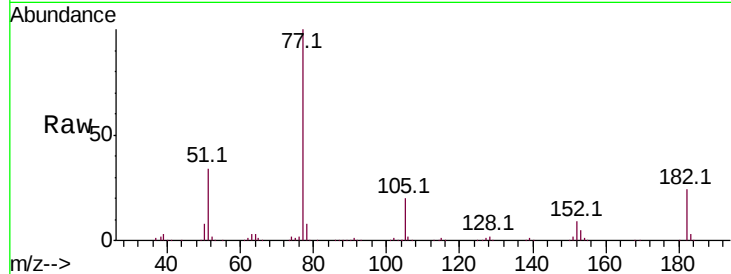
#63
Azobenzene
Concen: 39.345 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.9	44.9
105	20.2	6.0	46.0
51	34.2	14.7	54.7

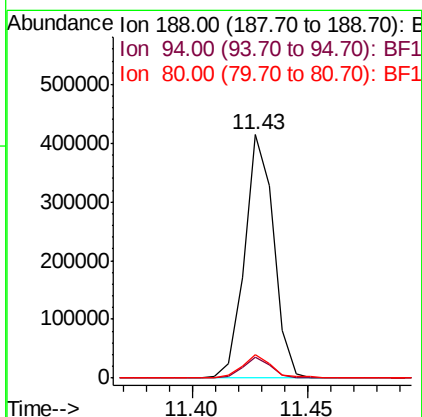
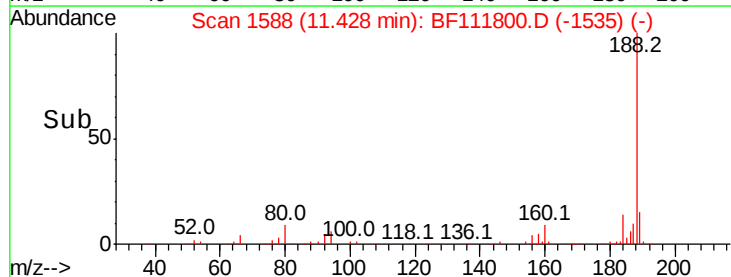
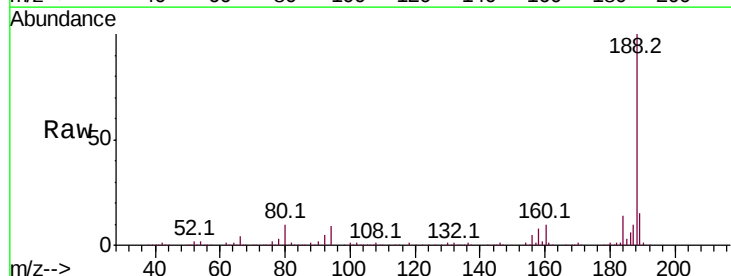
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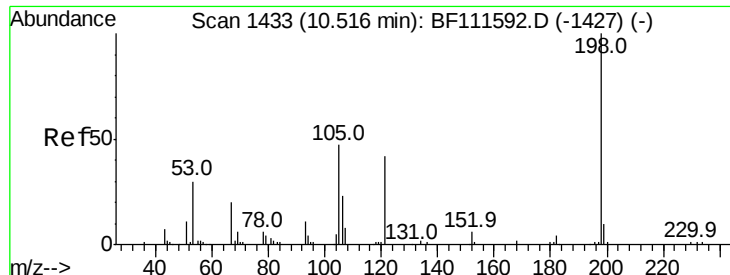
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	9.6	9.8	14.6#





#65

4,6-Dinitro-2-methylphenol

Concen: 30.733 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

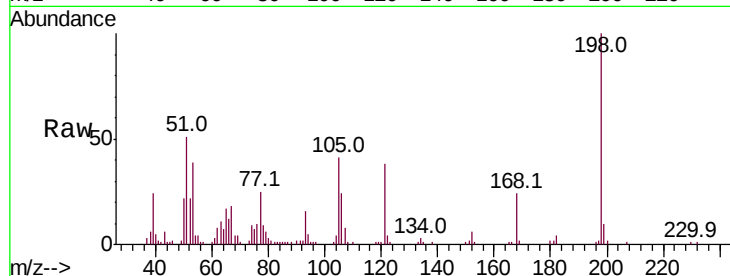
ClientSampleId :

PB116072BSD

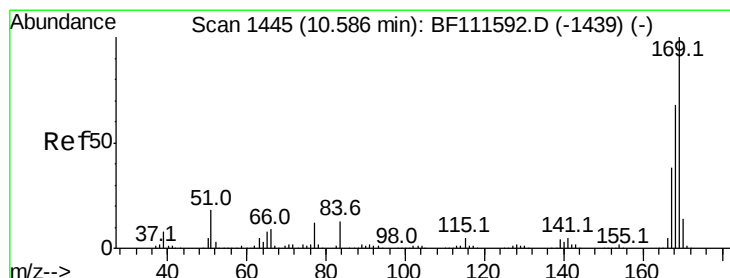
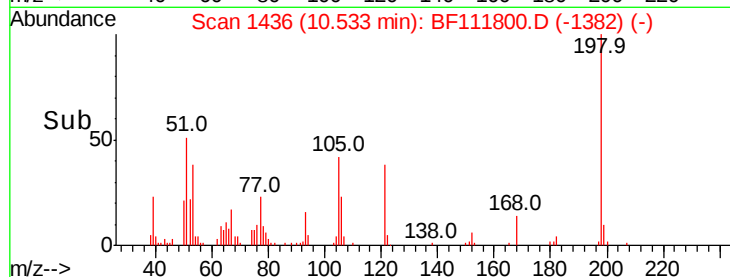
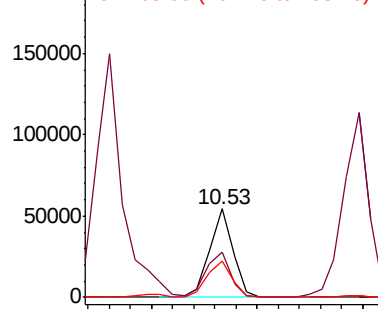
Tot Ion:198	Resp:	41912
Ion Ratio	Lower	Upper
198 100		
51 51.5	48.0	88.0
105 41.1	34.0	74.0

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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: 49.144 ng

RT: 10.60 min Scan# 1447

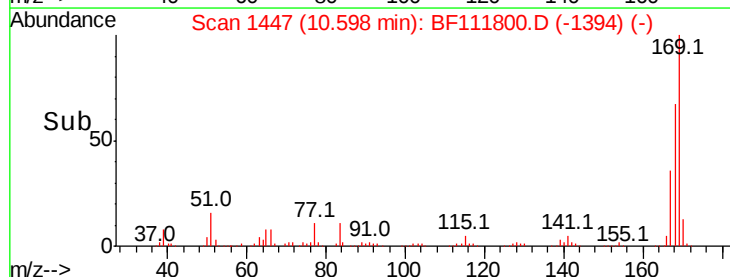
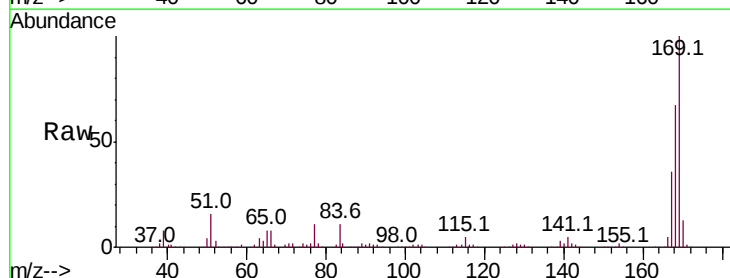
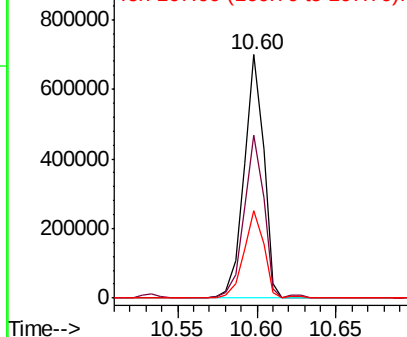
Delta R.T. 0.01 min

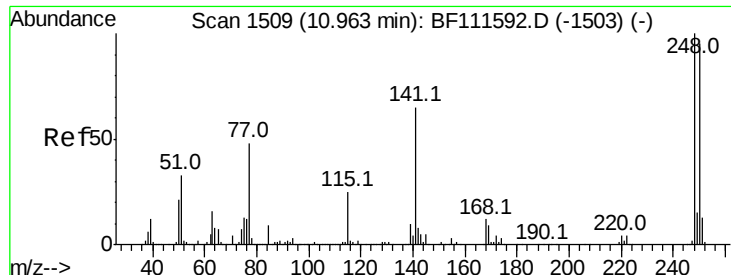
Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Tgt Ion:169	Resp:	598871
Ion Ratio	Lower	Upper
169 100		
168 66.8	54.4	81.6
167 35.8	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





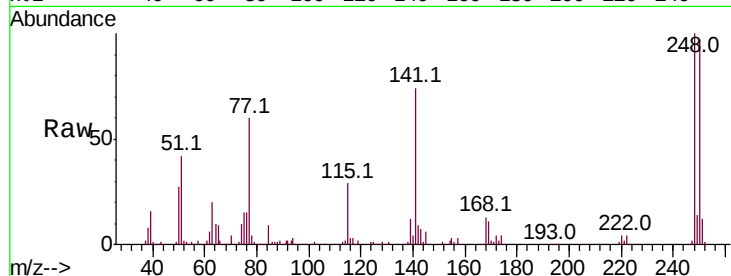
#67
4-Bromophenyl-phenylether
Concen: 47.742 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.0	115.4
141	74.0	63.0	94.6

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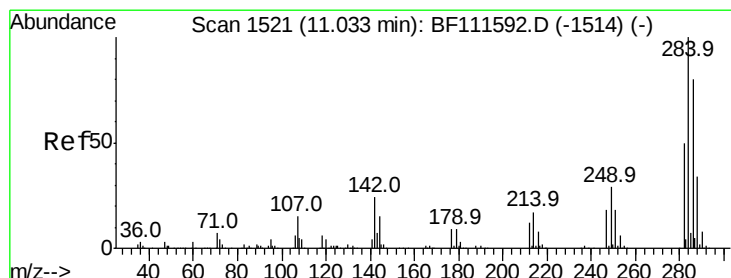
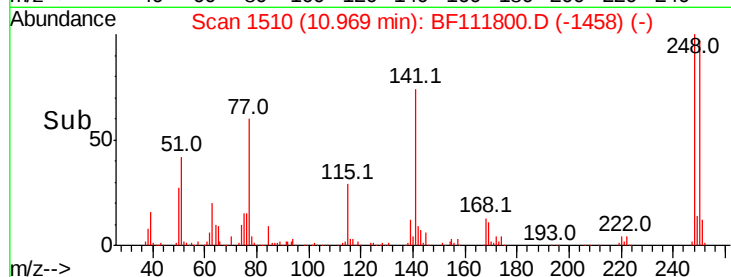
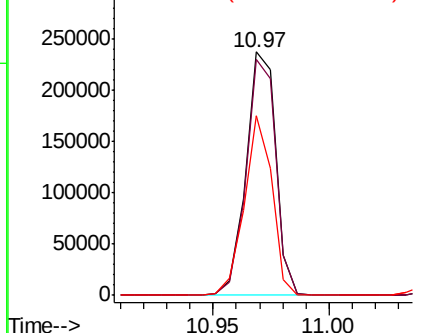


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.689 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

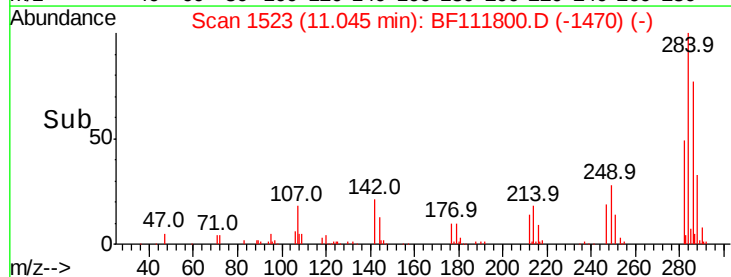
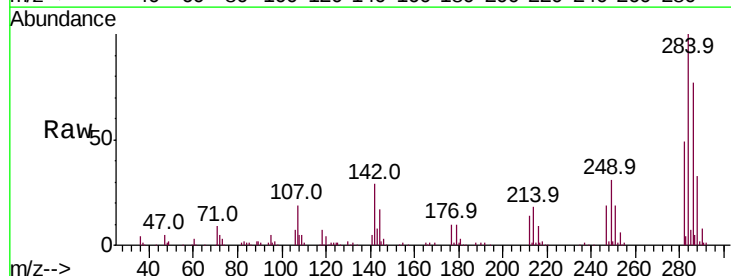
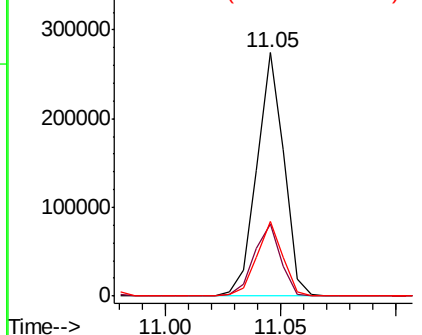
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	27.4	41.2
249	30.5	24.4	36.6

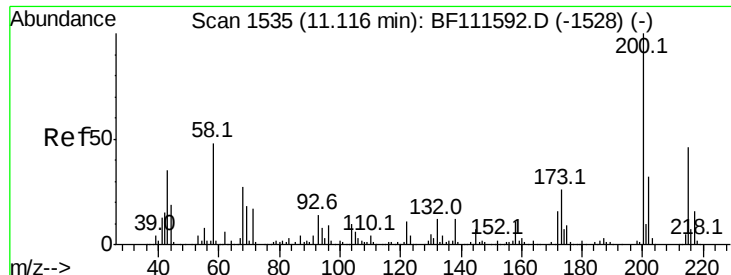
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





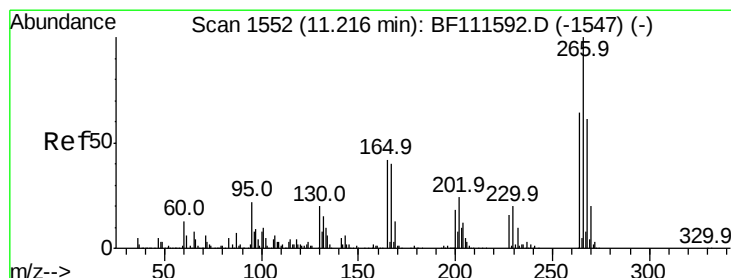
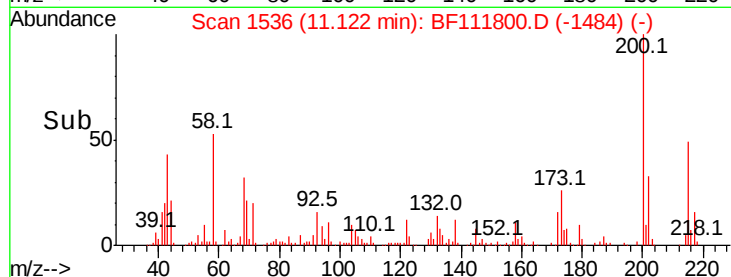
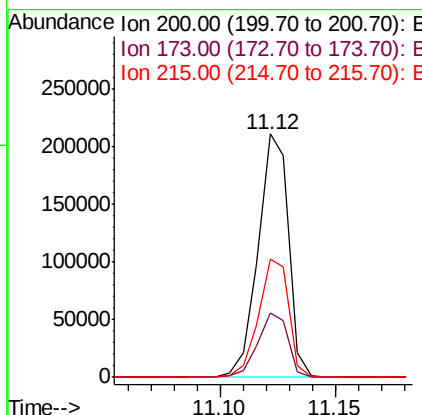
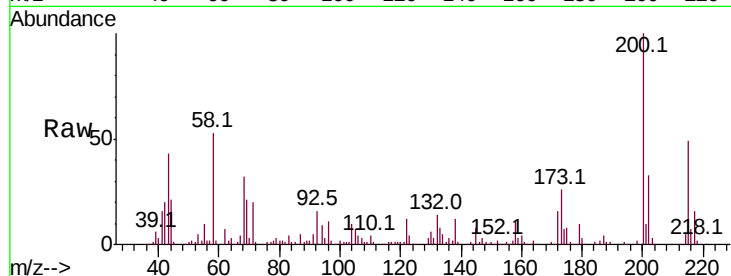
#69
Atrazine
Concen: 45.795 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	10.1	50.1
215	48.7	26.9	66.9

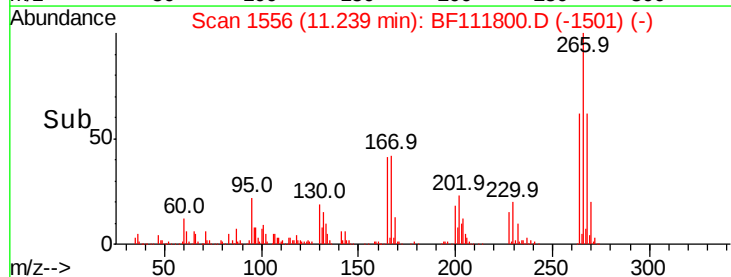
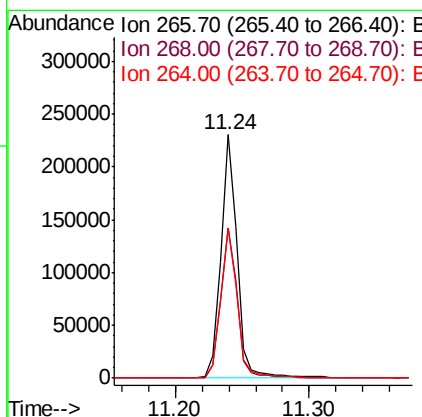
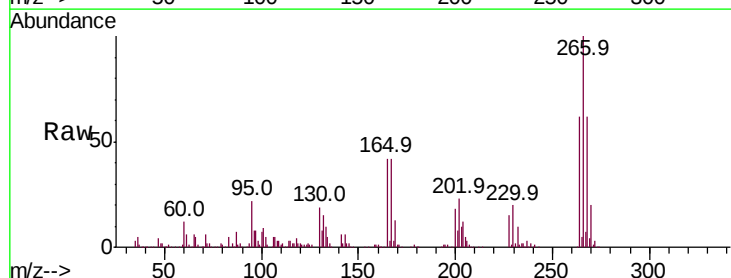
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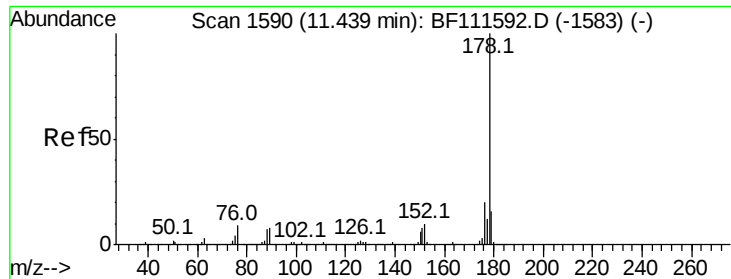
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#70
Pentachlorophenol
Concen: 64.137 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	47.9	71.9
264	61.6	49.1	73.7





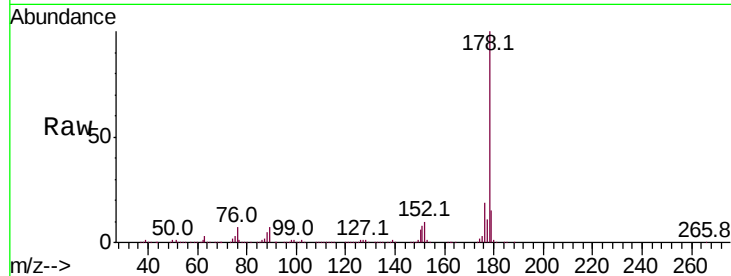
#71
Phenanthrene
Concen: 46.379 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

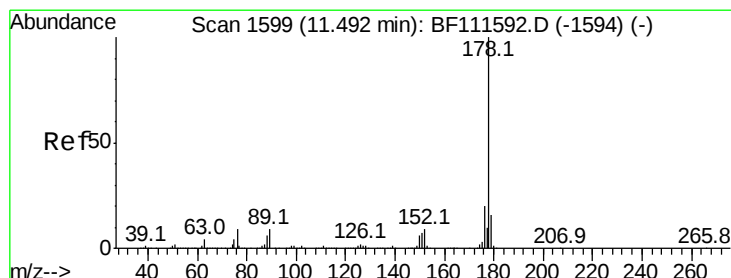
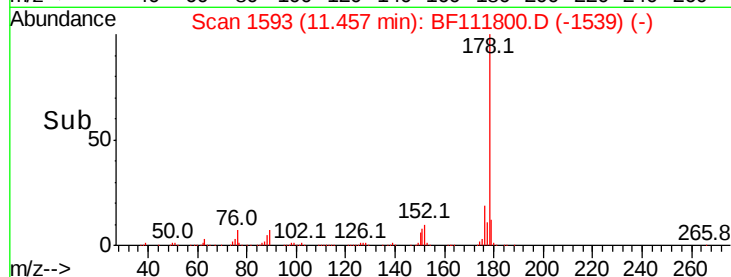
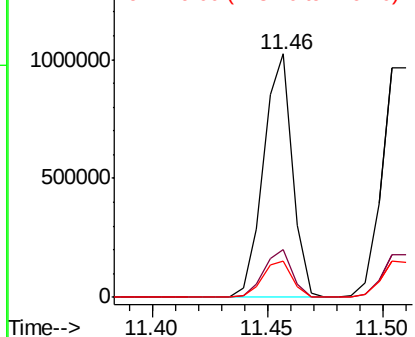
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	15.1	14.0	21.0

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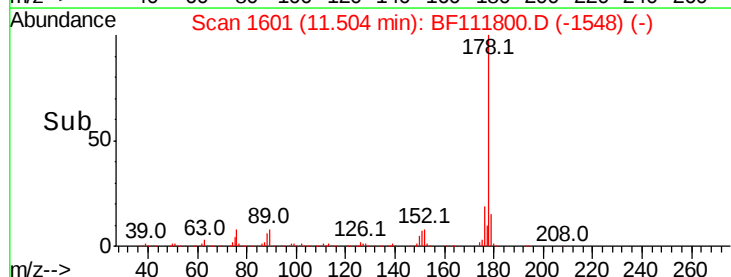
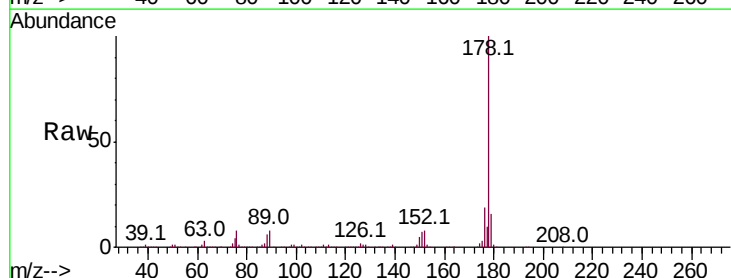
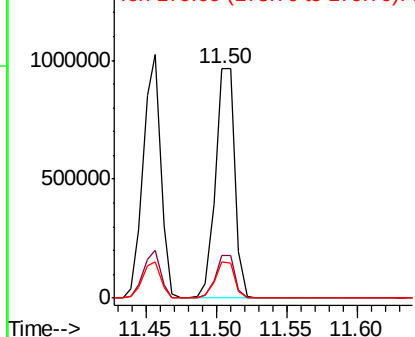
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

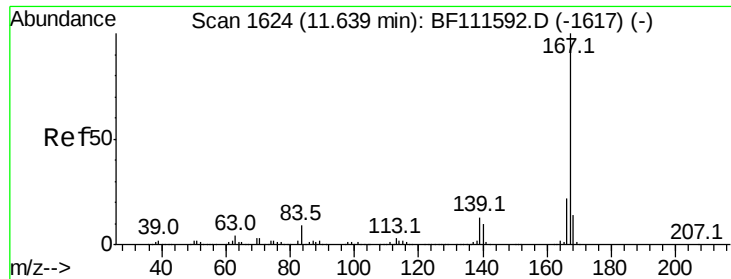


#72
Anthracene
Concen: 47.505 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.2	25.8
179	15.6	13.8	20.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





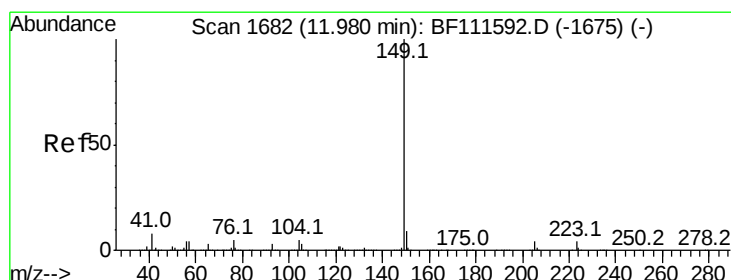
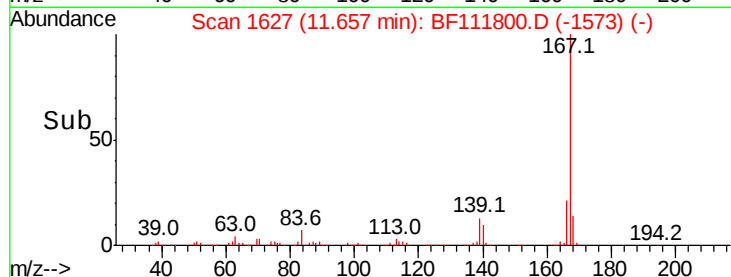
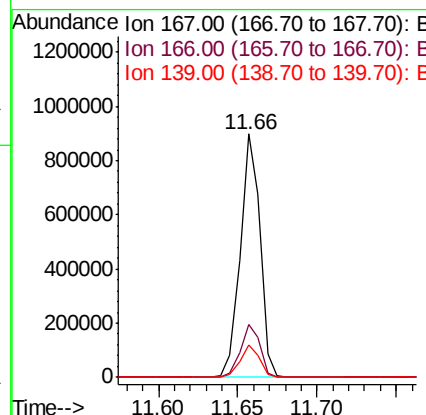
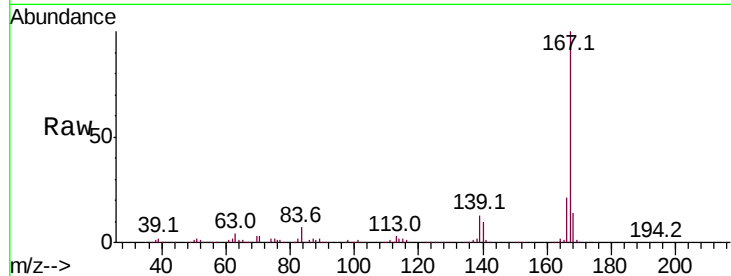
#73
 Carbazole
 Concen: 41.206 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	19.3	28.9
139	13.1	11.9	17.9

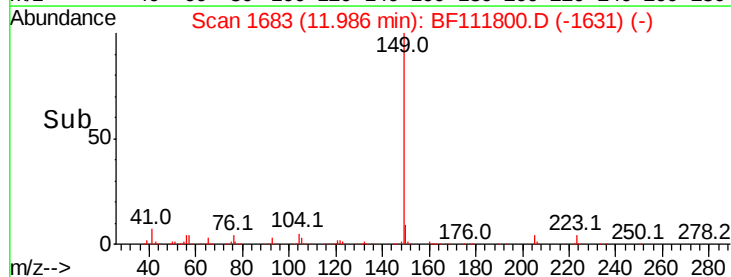
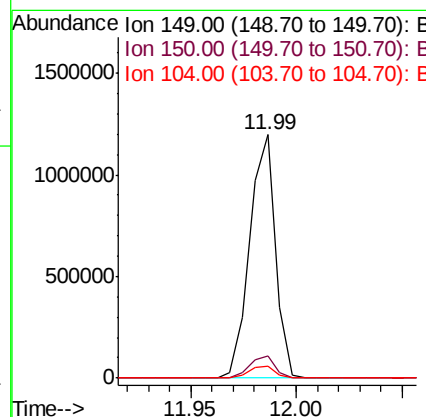
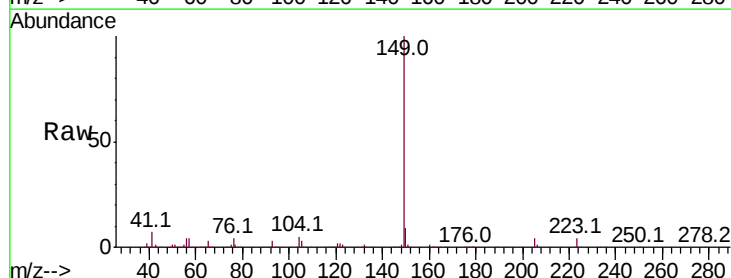
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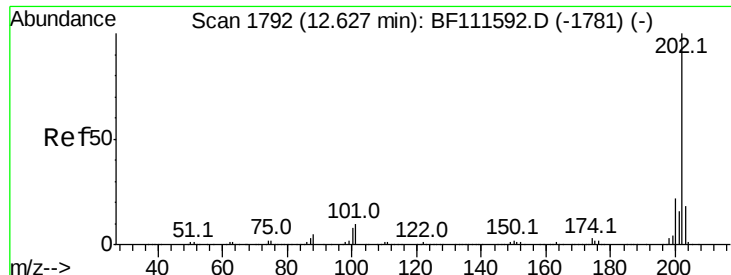
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#74
 Di-n-butylphthalate
 Concen: 48.181 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.8	13.2
104	4.6	4.5	6.7





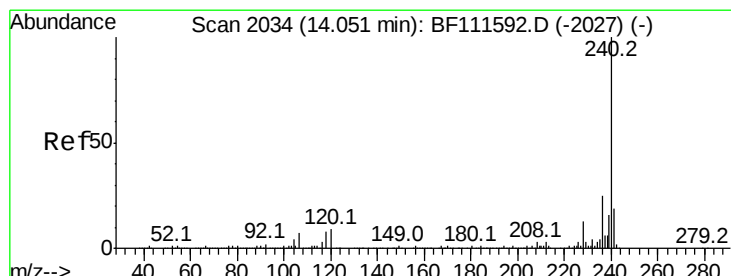
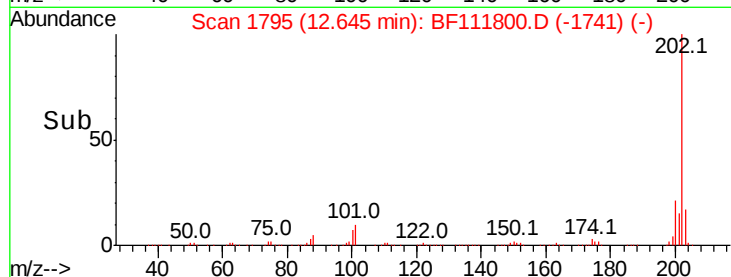
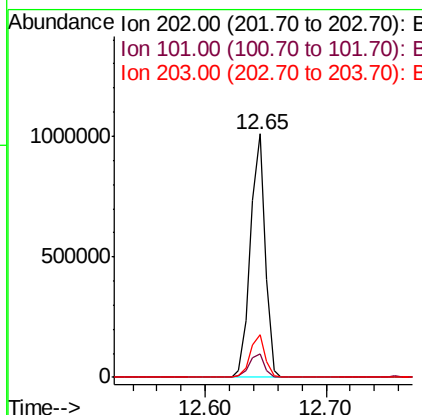
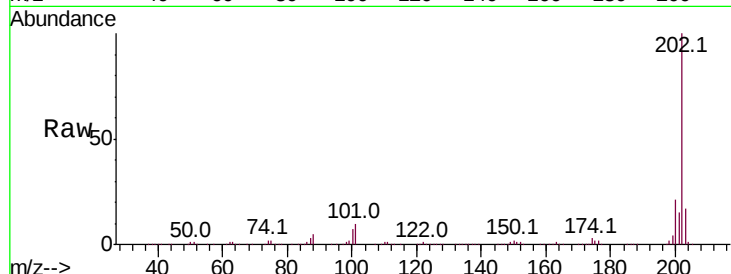
#75
Fluoranthene
 Concen: 44.395 ng
 RT: 12.65 min Scan# 1795
 Delta R.T. 0.02 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Instrument :
 BNA_F
 ClientSampled :
 PB116072BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	33.8
203	17.4	0.0	38.6

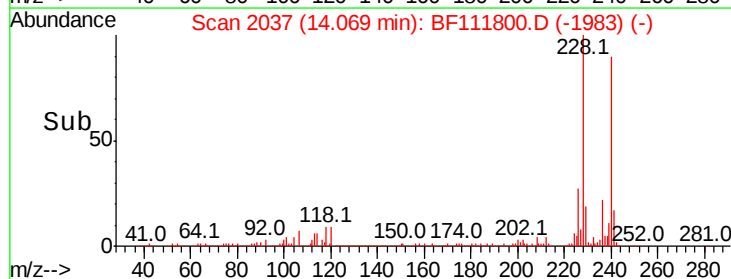
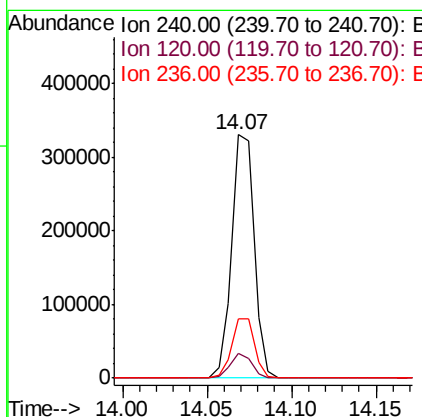
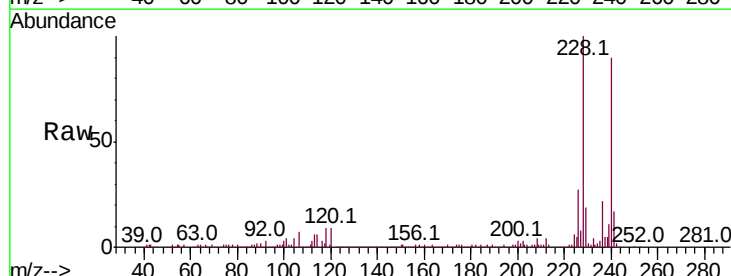
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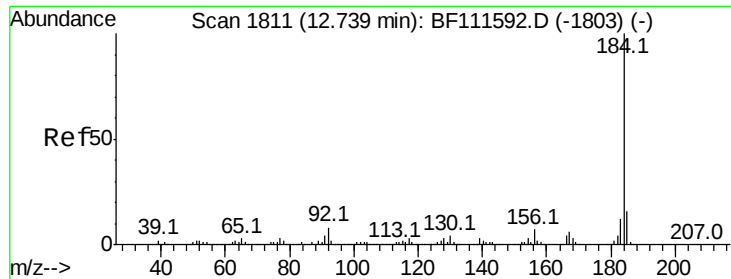
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111800.D
 Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	12.2	18.2#
236	24.3	20.2	30.2





#77

Benzidine

Concen: 45.853 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

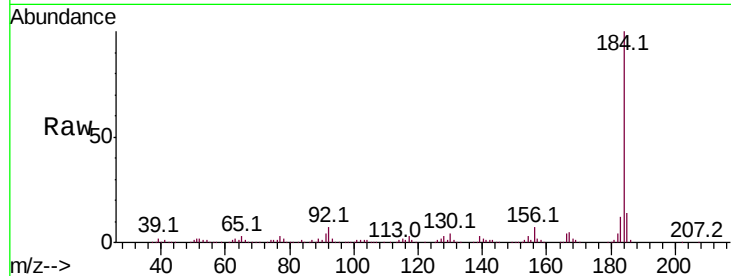
ClientSampleId :

PB116072BSD

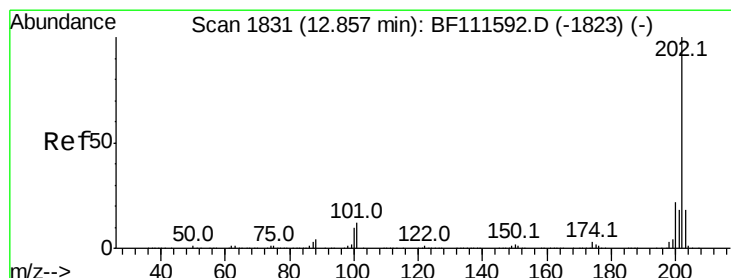
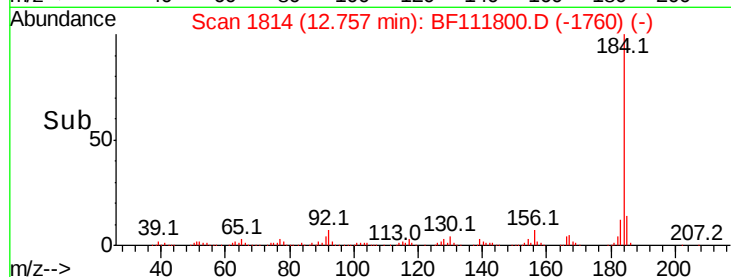
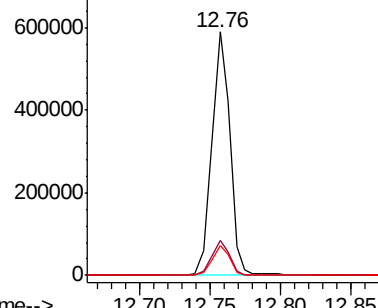
Tot Ion:	184	Resp:	527638
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.0	19.6
183	12.1	9.3	13.9

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Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.503 ng

RT: 12.87 min Scan# 1834

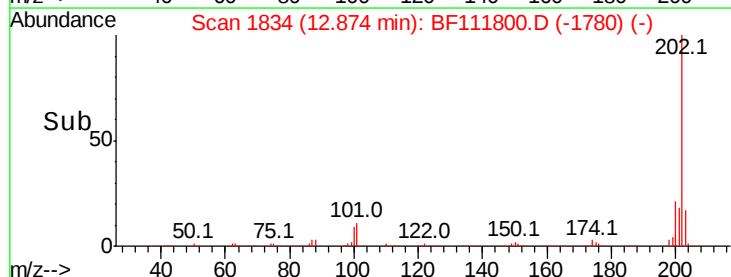
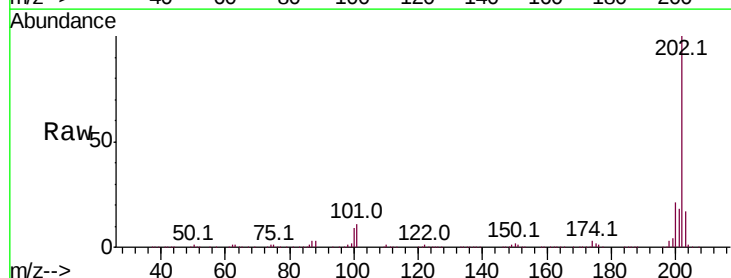
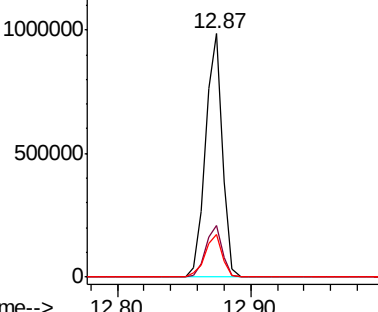
Delta R.T. 0.02 min

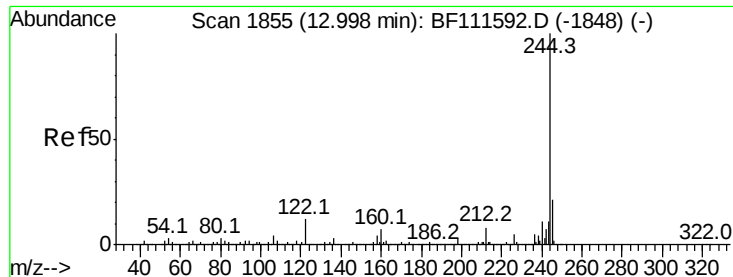
Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Tgt Ion:	202	Resp:	874670
Ion Ratio	Lower	Upper	
202	100		
200	21.1	19.0	28.4
203	17.5	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: 79.219 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion:244 Resp: 1277432

Ion Ratio Lower Upper

244 100

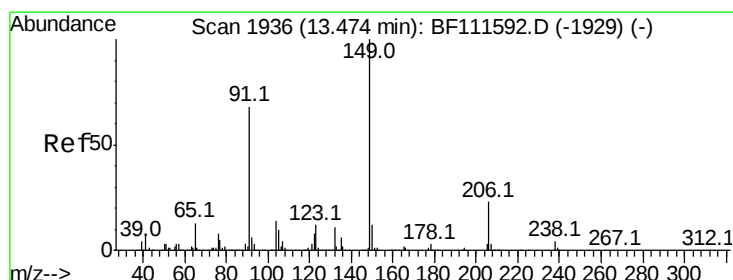
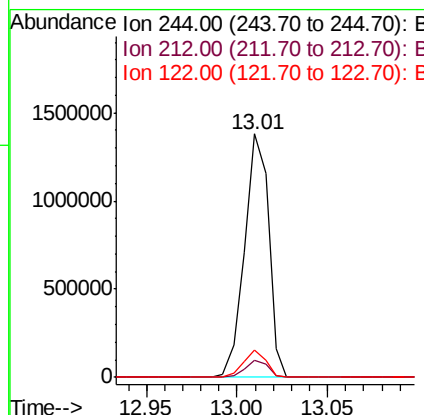
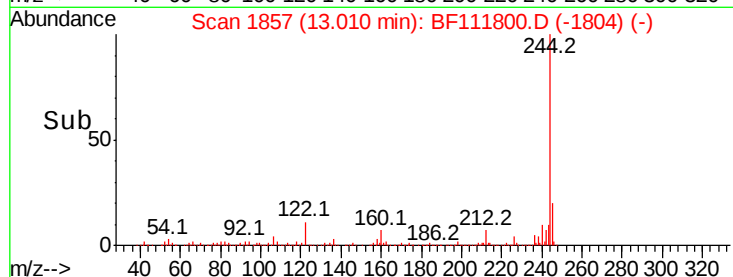
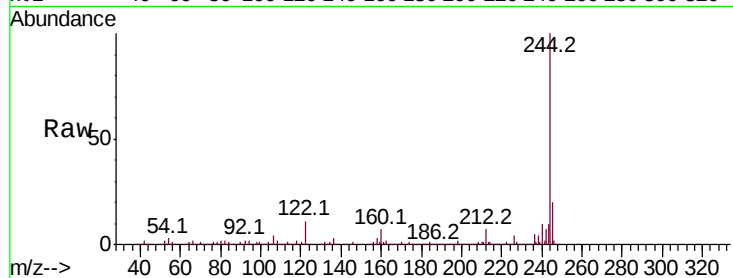
212 6.9 5.7 8.5

122 11.3 13.1 19.7#

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#80

Butylbenzylphthalate

Concen: 43.973 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

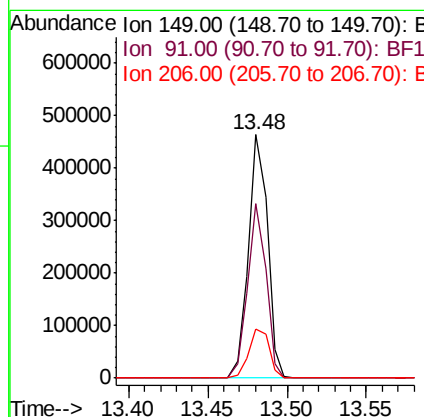
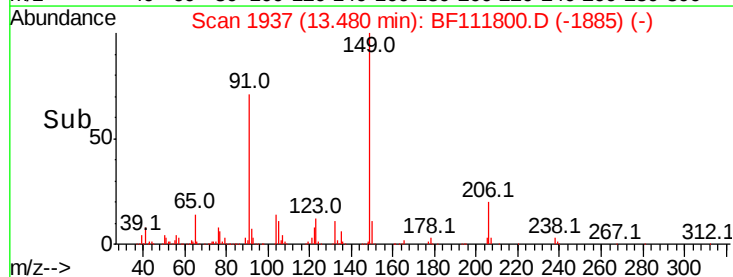
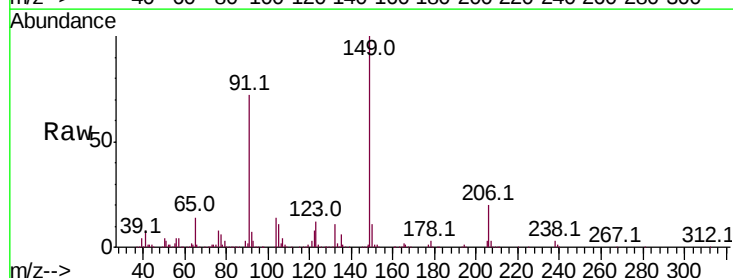
Tgt Ion:149 Resp: 387080

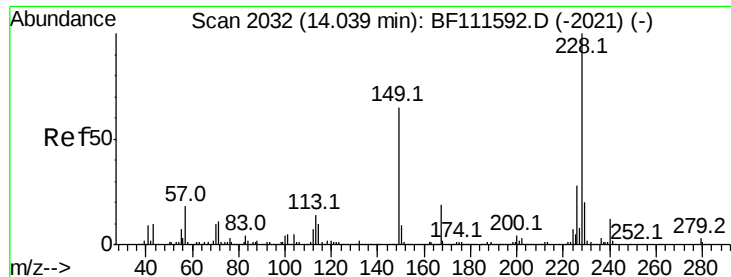
Ion Ratio Lower Upper

149 100

91 71.8 63.8 95.6

206 20.3 15.1 22.7





#81

Benzo(a)anthracene

Concen: 47.882 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

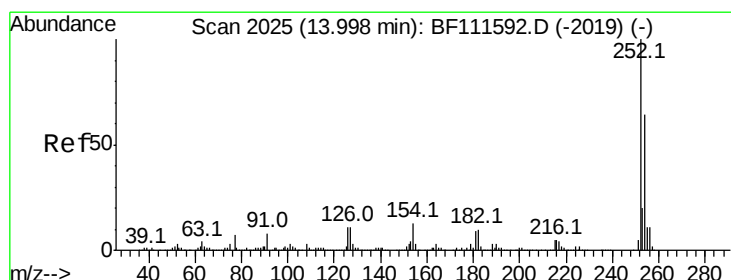
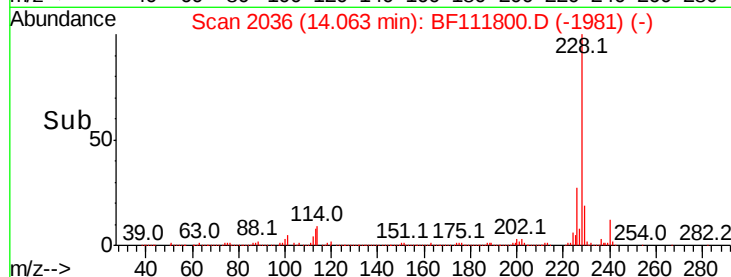
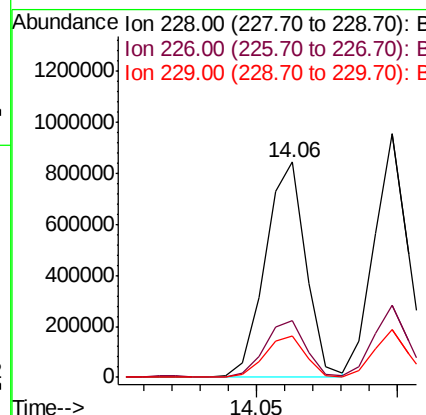
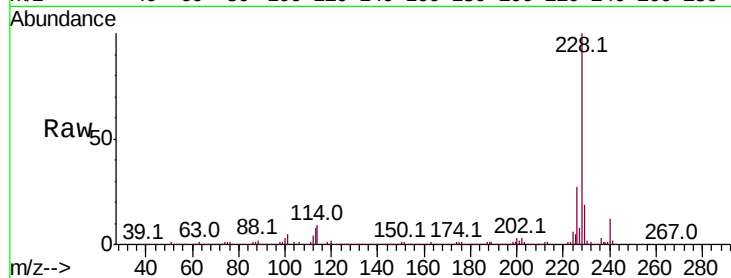
ClientSampleId :

PB116072BSD

Tot Ion:	228	Resp:	835643
Ion Ratio	Lower	Upper	
228	100		
226	26.5	22.6	34.0
229	19.2	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 42.645 ng

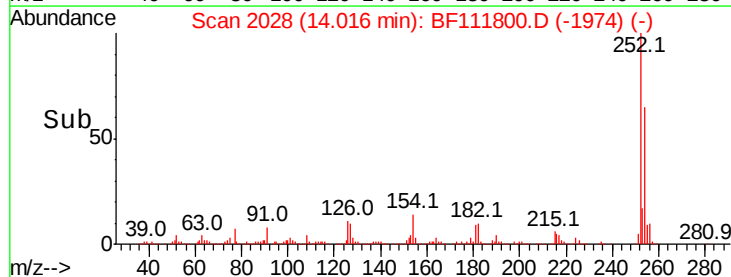
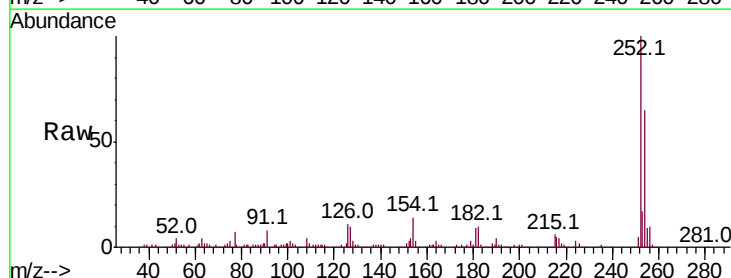
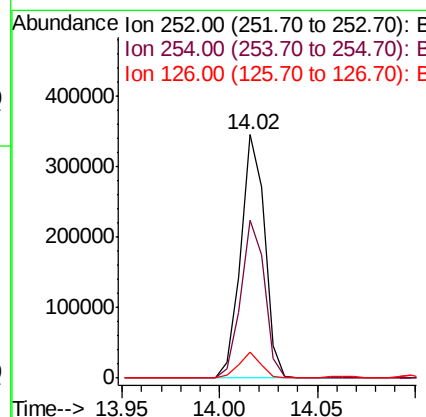
RT: 14.02 min Scan# 2028

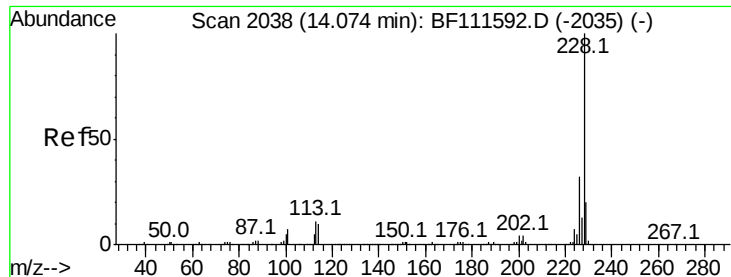
Delta R.T. 0.02 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Tgt Ion:	252	Resp:	294056
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.7	79.1
126	10.9	11.1	16.7#





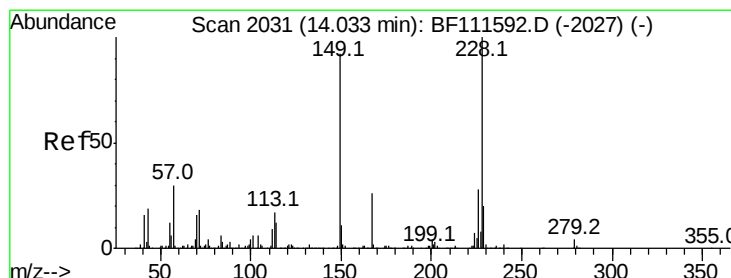
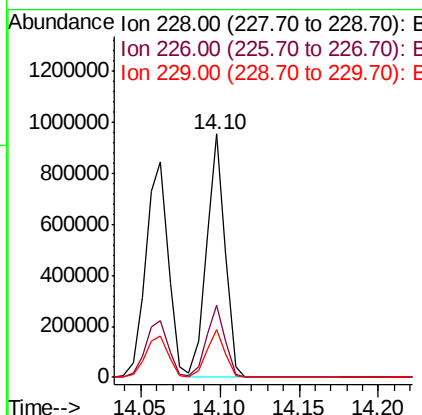
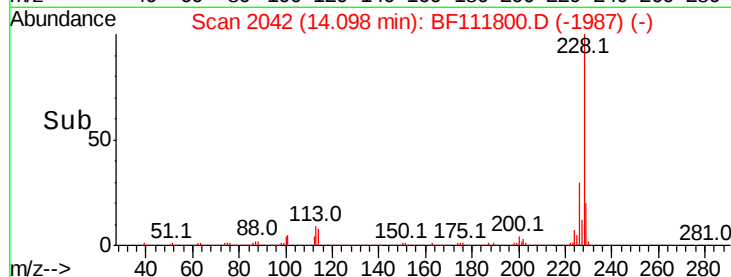
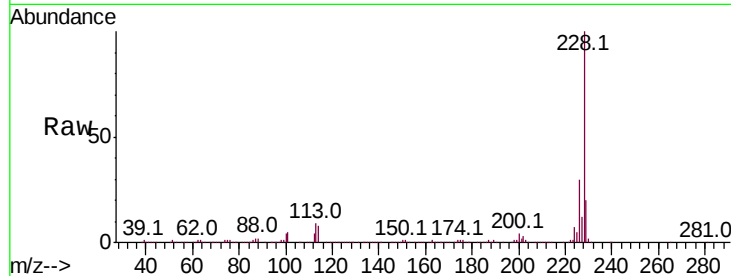
#83
Chrysene
Concen: 45.167 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.3	37.9
229	19.8	17.2	25.8

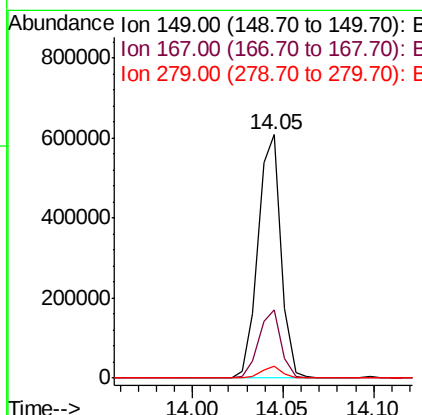
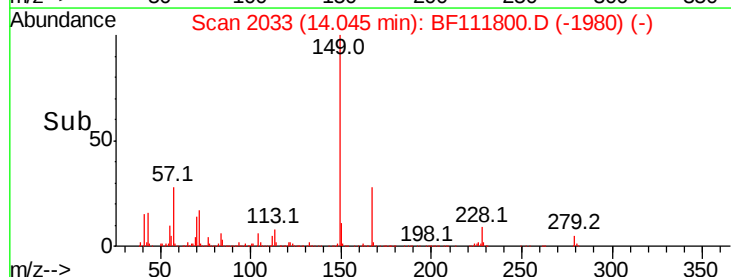
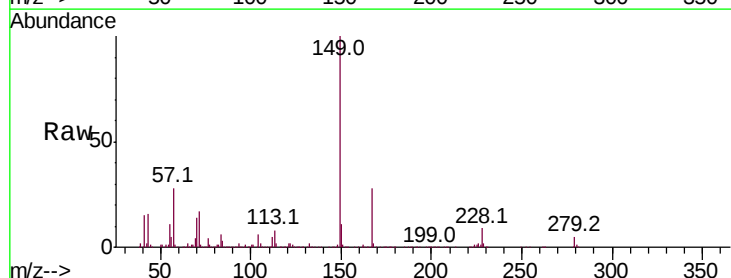
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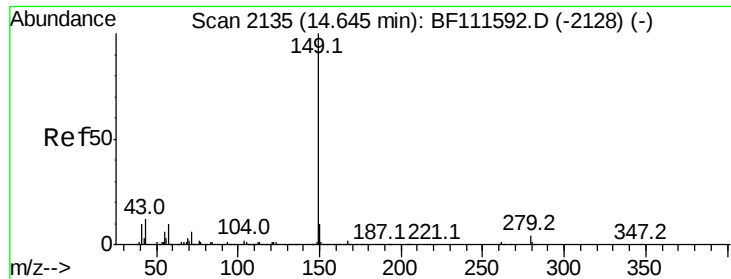
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.066 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	4.7	2.6	4.0#





#85

Di-n-octyl phthalate

Concen: 52.862 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

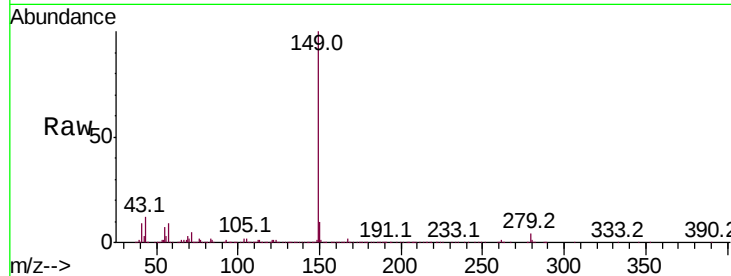
ClientSampled :

PB116072BSD

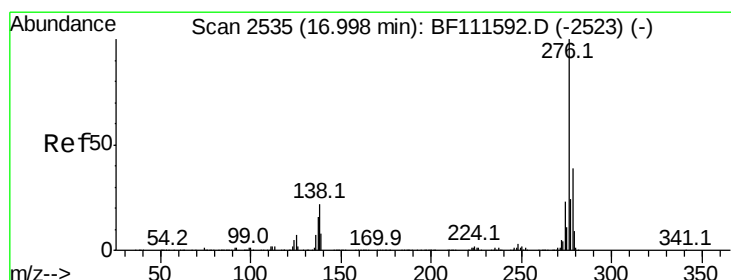
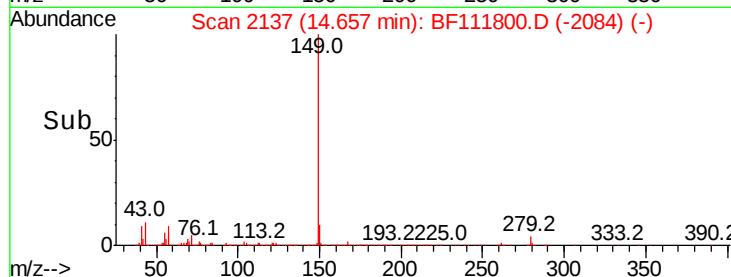
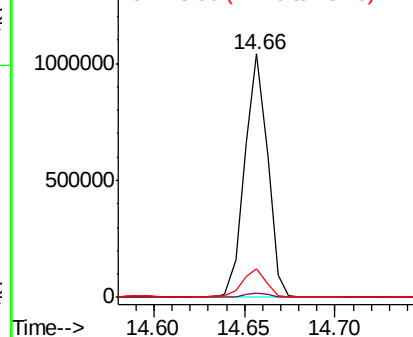
Tot Ion:	149	Resp:	908118
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	11.3	10.9	16.3

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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: 39.432 ng

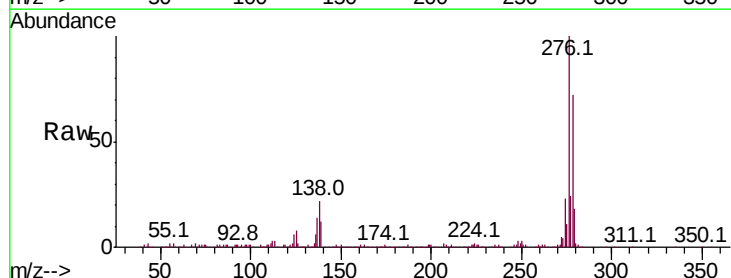
RT: 17.07 min Scan# 2547

Delta R.T. 0.07 min

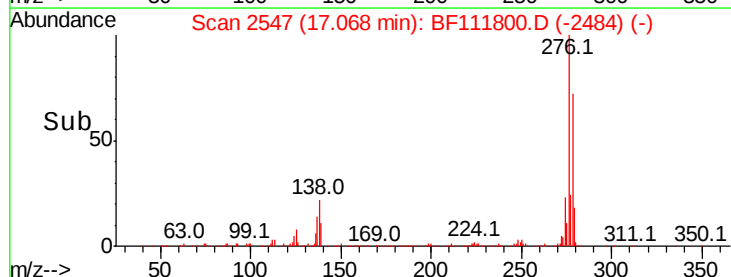
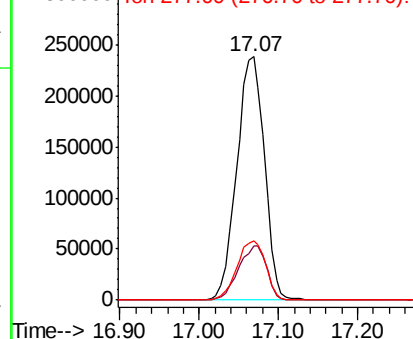
Lab File: BF111800.D

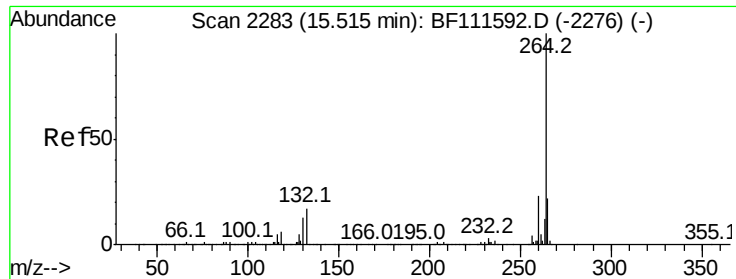
Acq: 28 Dec 2018 20:29

Tgt Ion:	276	Resp:	574981
Ion Ratio	Lower	Upper	
276	100		
138	22.7	27.8	41.6#
277	25.3	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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

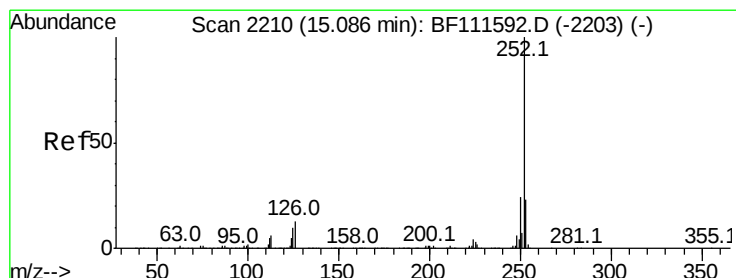
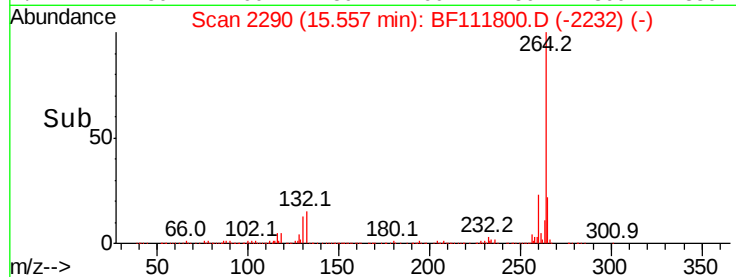
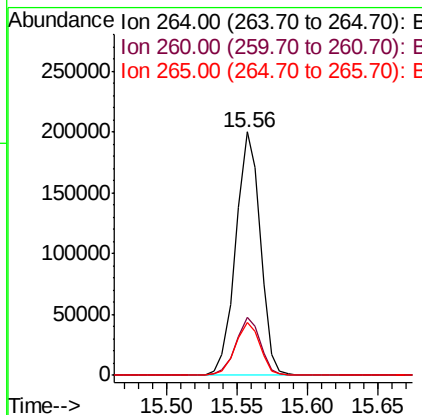
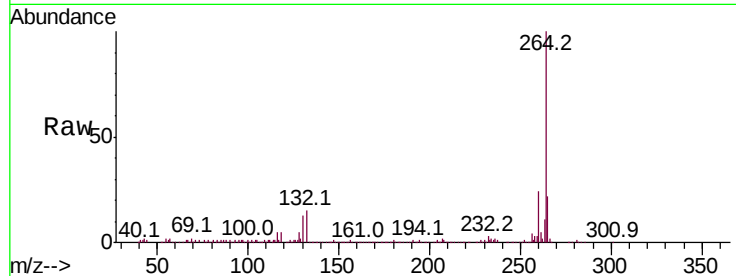
ClientSampleId :

PB116072BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.8	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 51.688 ng

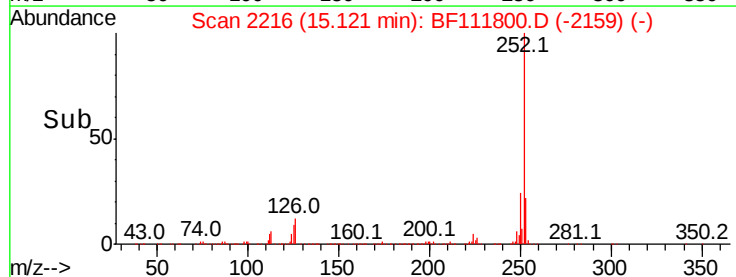
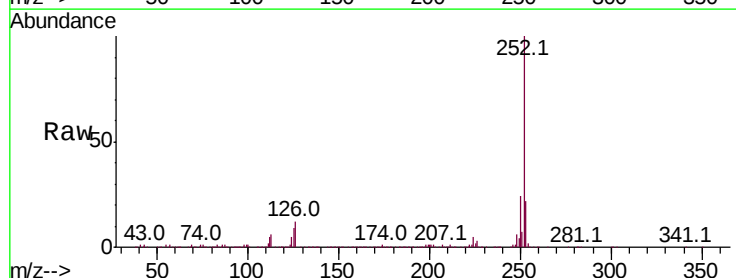
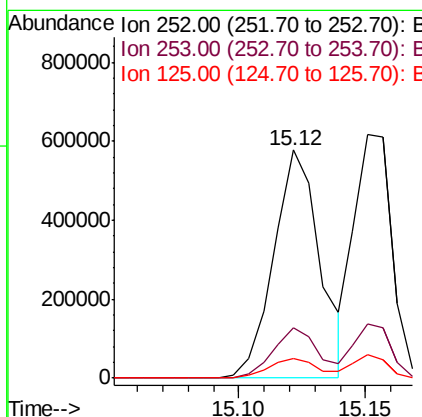
RT: 15.12 min Scan# 2216

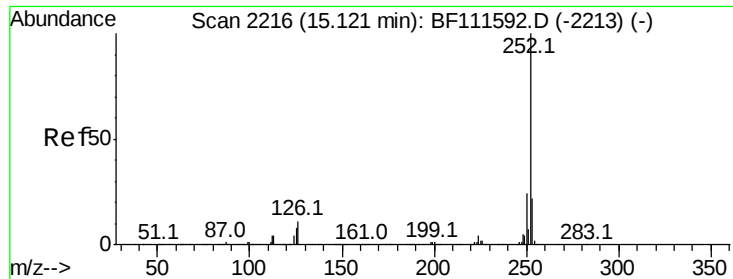
Delta R.T. 0.04 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.9	10.4	15.6#





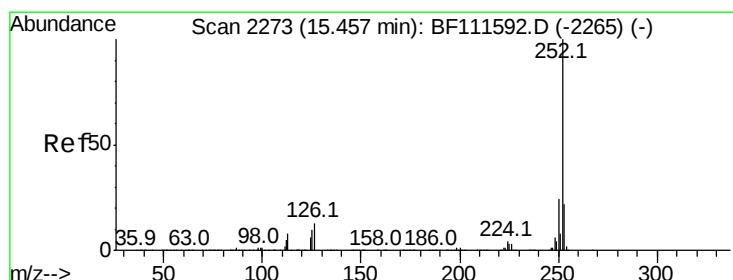
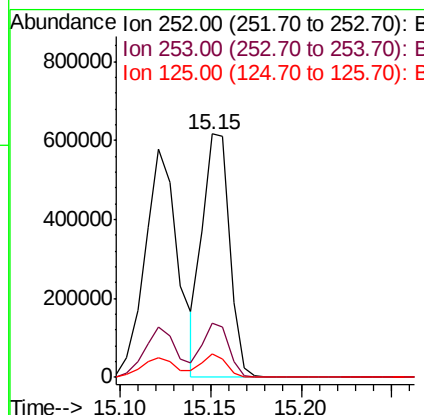
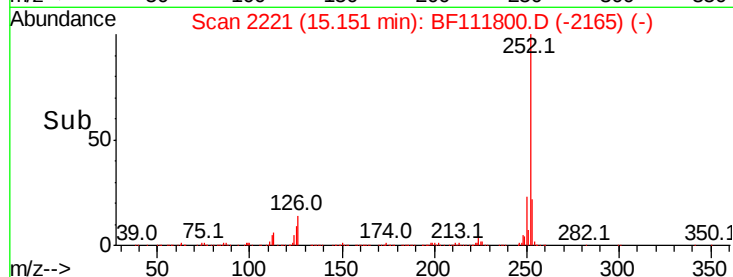
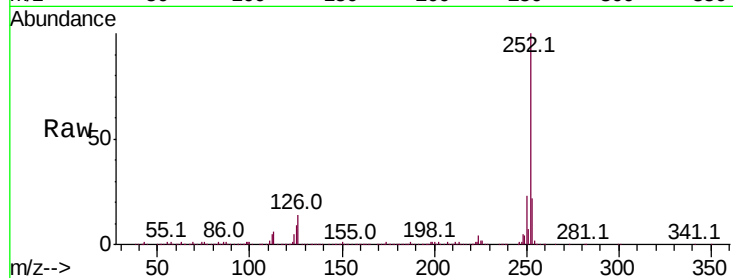
#89
Benzo(k)fluoranthene
Concen: 47.506 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	640588		
253	22.1	18.1	27.1	
125	9.5	9.8	14.8	

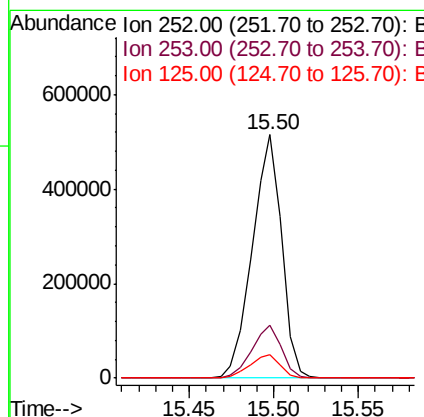
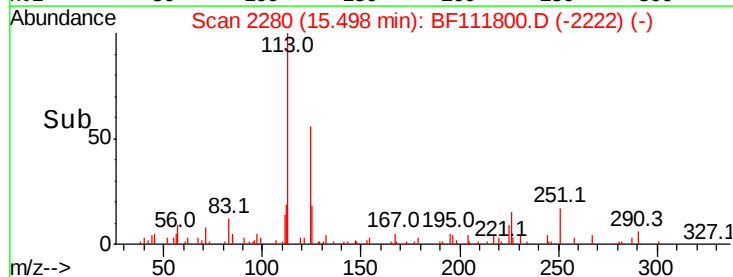
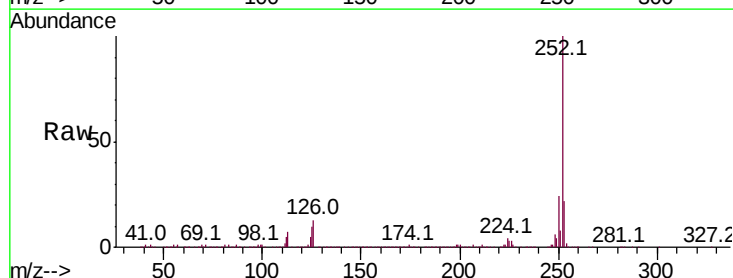
Manual Integrations
APPROVED

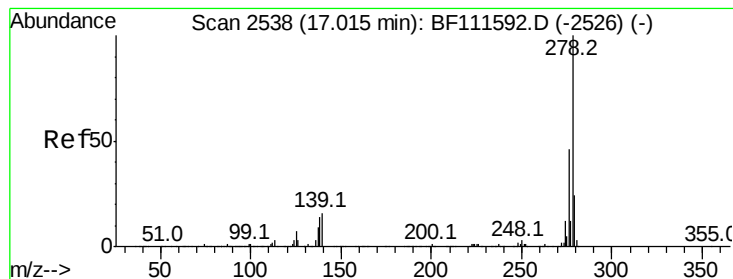
Sohil
1/2/2019 2:51:45 PM



#90
Benzo(a)pyrene
Concen: 48.330 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111800.D
Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	621903		
253	21.8	17.8	26.8	
125	9.6	12.3	18.5	





#91

Dibenzo(a,h)anthracene

Concen: 43.423 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.06 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Instrument :

BNA_F

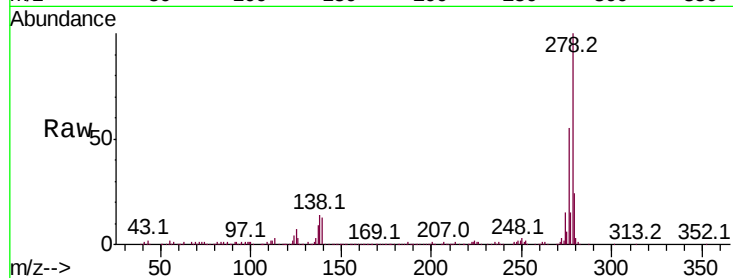
ClientSampleId :

PB116072BSD

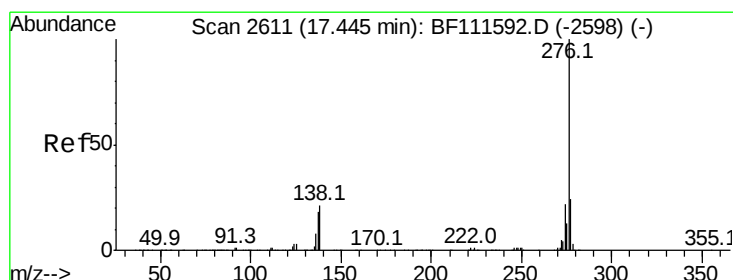
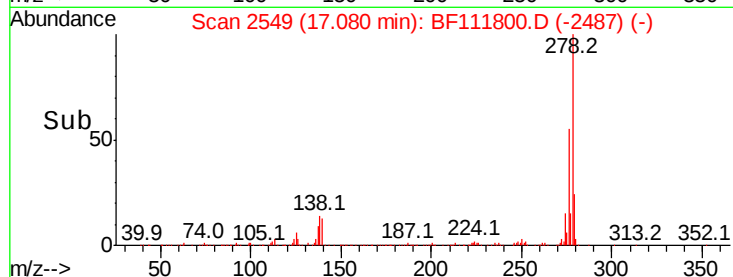
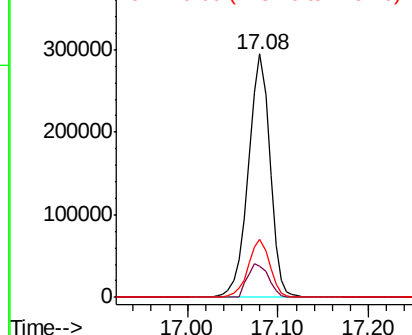
Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	18.2	27.4#
279	23.9	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/2/2019 2:51:45 PM



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: 41.923 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.08 min

Lab File: BF111800.D

Acq: 28 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.2	28.8
138	18.0	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

