

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111808.D
 Acq On : 2 Jan 2019 13:48
 Operator : JU/SJ
 Sample : PB116049BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116049BS

Manual Integrations
 APPROVED

Sohil
 1/3/2019 10:59:33 AM

Quant Time: Jan 03 06:03:01 2019
 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	179787	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	673483	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	350838	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	679381	20.00	ng	0.01
76) Chrysene-d12	14.07	240	479397	20.00	ng	0.02
87) Perylene-d12	15.55	264	325154	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1256506	119.13	ng	0.04
7) Phenol-d6	6.55	99	1596895	118.96	ng	0.03
23) Nitrobenzene-d5	7.46	82	883682	76.37	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	552803	133.35	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1726236	71.72	ng	0.00
79) Terphenyl-d14	13.01	244	1955313	77.35	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	173359	34.934	ng	97
3) Pyridine	3.57	79	488366	37.774	ng	99
4) n-Nitrosodimethylamine	3.53	42	268973	42.510	ng	82
6) Aniline	6.57	93	469286	27.427	ng	# 29
8) 2-Chlorophenol	6.70	128	486179	41.611	ng	99
9) Benzaldehyde	6.45	77	126315	13.682	ng	97
10) Phenol	6.56	94	567599	37.476	ng	# 67
11) bis(2-Chloroethyl)ether	6.64	93	449409	39.597	ng	99
12) 1,3-Dichlorobenzene	6.85	146	552656	40.815	ng	98
13) 1,4-Dichlorobenzene	6.92	146	556573	40.530	ng	99
14) 1,2-Dichlorobenzene	7.07	146	526300	41.078	ng	98
15) Benzyl Alcohol	7.05	79	437863	41.072	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	749130	35.839	ng	75
17) 2-Methylphenol	7.17	107	390019	41.688	ng	# 86
18) Hexachloroethane	7.42	117	199231	43.053	ng	# 88
19) n-Nitroso-di-n-propylamine	7.32	70	345981	38.810	ng	98
20) 3+4-Methylphenols	7.32	107	495951	41.953	ng	# 85
22) Acetophenone	7.31	105	664059	38.920	ng	# 92
24) Nitrobenzene	7.48	77	521071	42.969	ng	97
25) Isophorone	7.72	82	927231	45.141	ng	99
26) 2-Nitrophenol	7.80	139	256532	52.160	ng	# 91
27) 2,4-Dimethylphenol	7.85	122	428894	44.238	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	571609	41.819	ng	97
29) 2,4-Dichlorophenol	8.05	162	435053	41.719	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	469086	40.367	ng	97
31) Naphthalene	8.21	128	1409038	43.543	ng	97
32) Benzoic acid	7.94	122	77944	12.159	ng	91
33) 4-Chloroaniline	8.25	127	338112	24.174	ng	99
34) Hexachlorobutadiene	8.33	225	289235	40.839	ng	99
35) Caprolactam	8.62	113	127217m	36.002	ng	
36) 4-Chloro-3-methylphenol	8.75	107	441836	43.103	ng	98
37) 2-Methylnaphthalene	8.90	142	972072	46.171	ng	98
38) 1-Methylnaphthalene	9.00	142	924014	45.698	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	462412	40.110	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	612408	109.469	ng	100
43) 2,4,6-Trichlorophenol	9.18	196	316412	41.108	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	327868	41.522	ng	93
46) 1,1'-Biphenyl	9.36	154	1190456	40.196	ng	95
47) 2-Chloronaphthalene	9.39	162	941503	40.125	ng	94
48) 2-Nitroaniline	9.48	65	293511	48.083	ng	98
49) Acenaphthylene	9.81	152	1498717	43.746	ng	95
50) Dimethylphthalate	9.66	163	1111344	43.318	ng	98
51) 2,6-Dinitrotoluene	9.72	165	249235	48.719	ng	91
52) Acenaphthene	9.98	154	940643	44.517	ng	96
53) 3-Nitroaniline	9.89	138	181098	33.193	ng	96
54) 2,4-Dinitrophenol	10.00	184	156716	94.044	ng	93
55) Dibenzofuran	10.15	168	1330561	41.680	ng	96
56) 4-Nitrophenol	10.07	139	373110	89.610	ng	90
57) 2,4-Dinitrotoluene	10.13	165	333907	54.308	ng	# 98
58) Fluorene	10.49	166	1035941	45.034	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	289487	43.563	ng	90
60) Diethylphthalate	10.36	149	1084441	43.090	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	519529	40.879	ng	96
62) 4-Nitroaniline	10.51	138	251132	47.359	ng	89
63) Azobenzene	10.65	77	1025313	40.581	ng	93
65) 4,6-Dinitro-2-methylphenol	10.54	198	129824	46.482	ng	80
66) n-Nitrosodiphenylamine	10.60	169	912872	40.029	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	342092	40.597	ng	# 89
68) Hexachlorobenzene	11.05	284	379019	40.341	ng	97
69) Atrazine	11.13	200	308092	38.887	ng	97
70) Pentachlorophenol	11.24	266	322634	55.547	ng	98
71) Phenanthrene	11.46	178	1525057	42.327	ng	95
72) Anthracene	11.51	178	1571065	43.442	ng	96
73) Carbazole	11.66	167	1361302	38.771	ng	95
74) Di-n-butylphthalate	11.99	149	1641933	41.708	ng	96
75) Fluoranthene	12.64	202	1540475	42.221	ng	96
77) Benzidine	12.76	184	523014	28.993	ng	97
78) Pyrene	12.87	202	1529575	45.182	ng	97
80) Butylbenzylphthalate	13.48	149	639244	46.323	ng	93
81) Benzo(a)anthracene	14.06	228	1228397	44.899	ng	98
82) 3,3'-Dichlorobenzidine	14.02	252	275306	25.468	ng	# 97
83) Chrysene	14.10	228	1120061	41.654	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	817838	47.050	ng	98
85) Di-n-octyl phthalate	14.65	149	1149100	42.668	ng	95
86) Indeno(1,2,3-cd)pyrene	17.06	276	906849	39.671	ng	# 87
88) Benzo(b)fluoranthene	15.12	252	875901	46.092	ng	# 94
89) Benzo(k)fluoranthene	15.15	252	820866	45.373	ng	# 95
90) Benzo(a)pyrene	15.49	252	780783	45.224	ng	# 94
91) Dibenzo(a,h)anthracene	17.08	278	749868	49.600	ng	# 91
92) Benzo(g,h,i)perylene	17.52	276	777884	52.693	ng	# 87

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

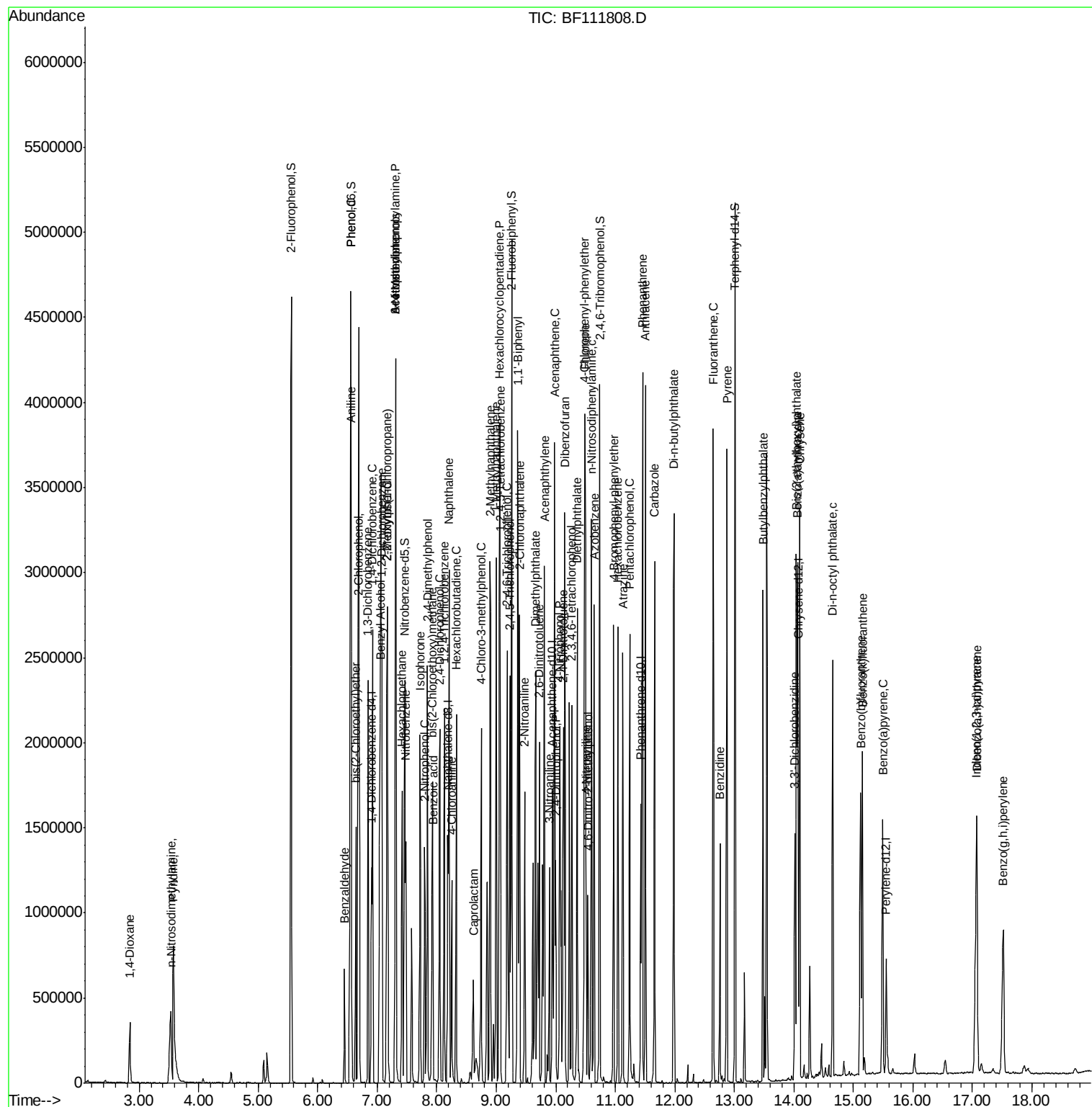
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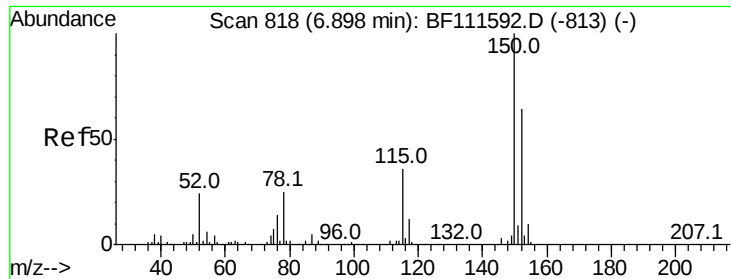
Instrument :
 BNA_F
 ClientSampled :
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#1

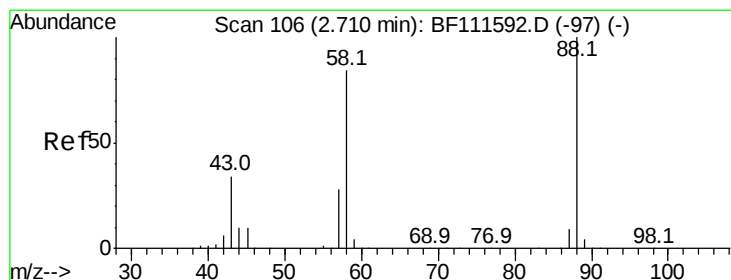
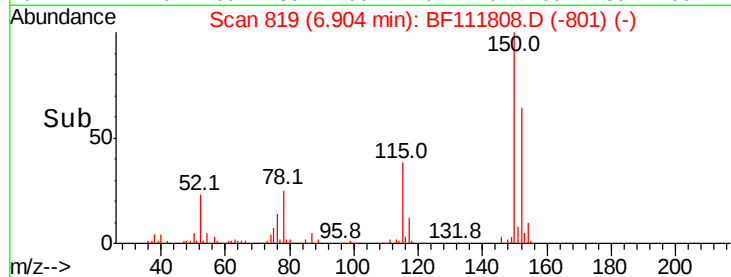
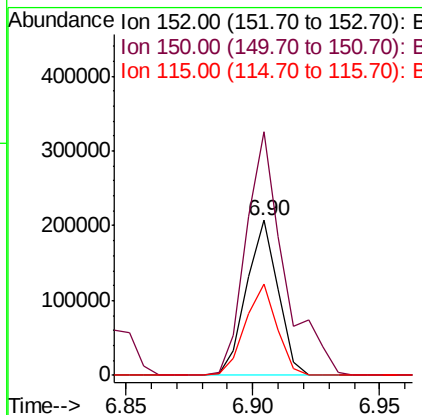
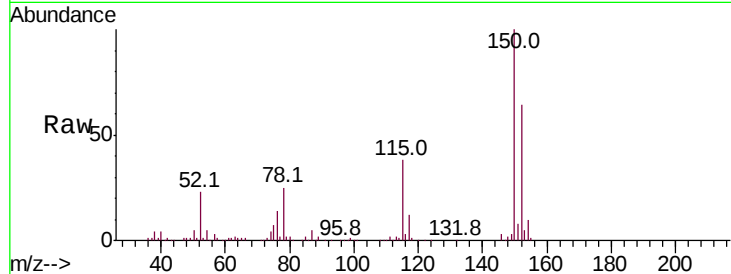
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	59.0	50.7	76.1

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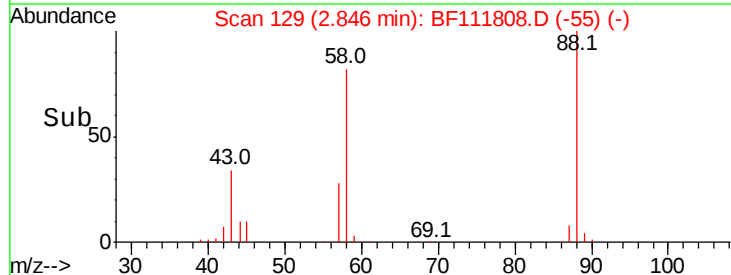
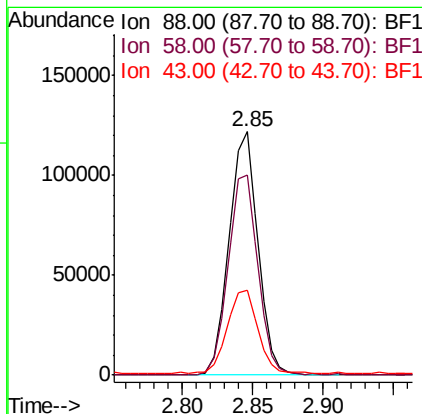
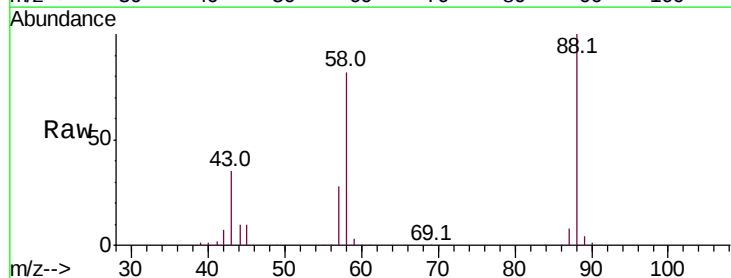
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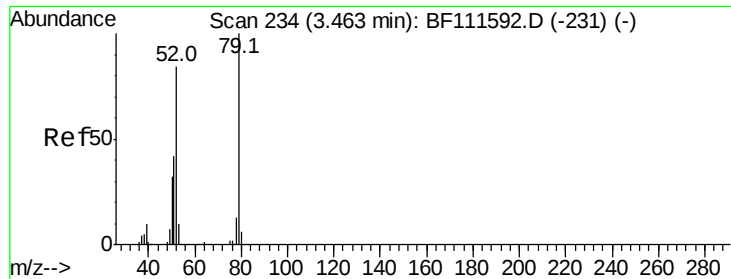


#2

1,4-Dioxane
Concen: 34.934 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.14 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	68.9	103.3
43	36.9	25.8	38.6





#3

Pvridine

Concen: 37.774 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.11 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

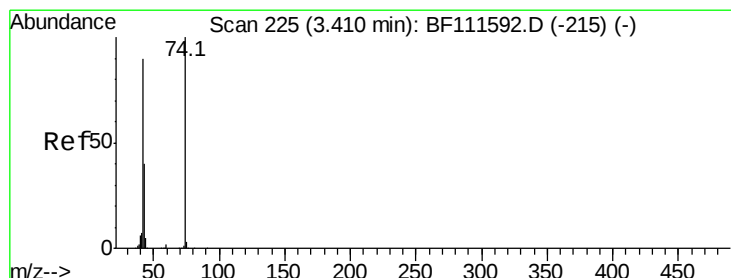
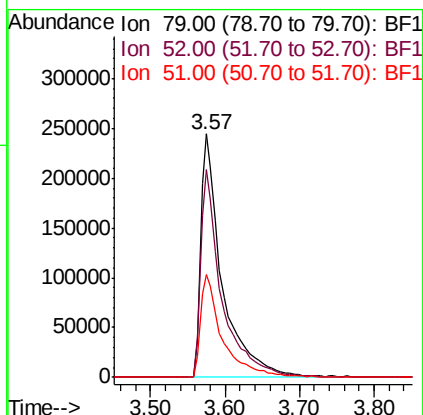
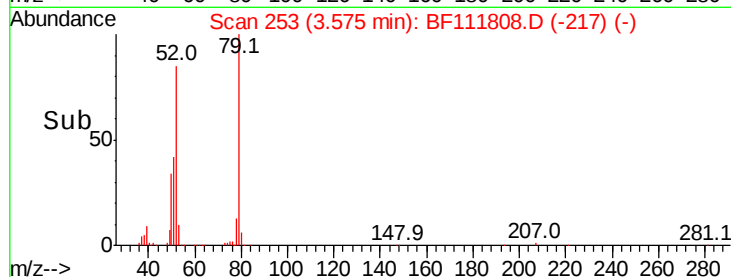
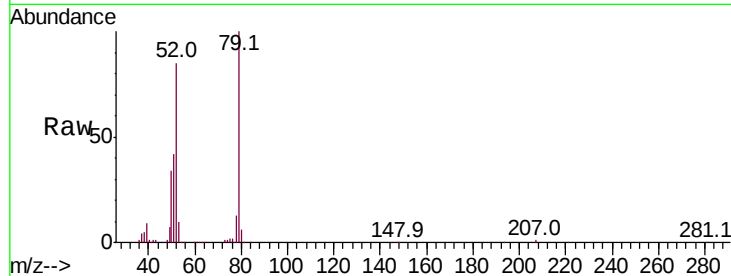
ClientSampleId :

PB116049BS

Tot Ion:	79	Resp:	488366
Ion Ratio	Lower	Upper	
79	100		
52	85.3	68.3	102.5
51	42.3	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 42.510 ng

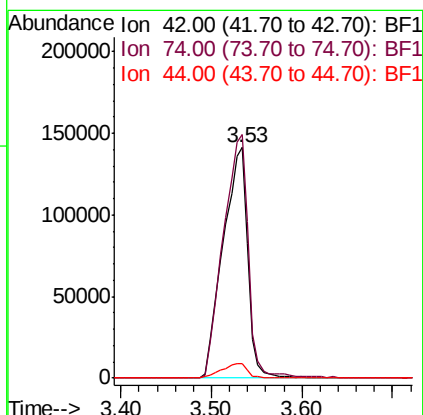
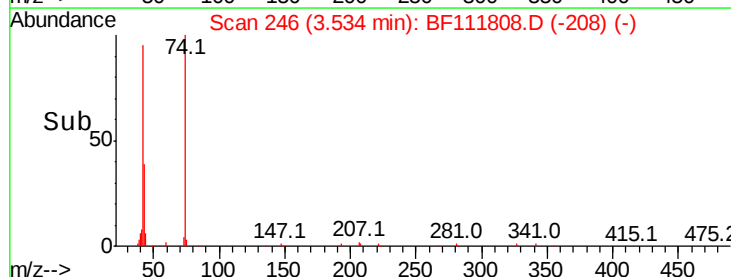
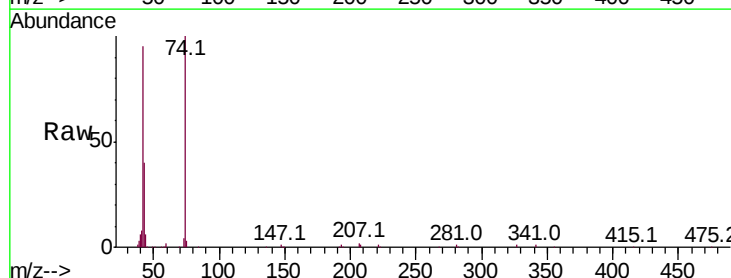
RT: 3.53 min Scan# 246

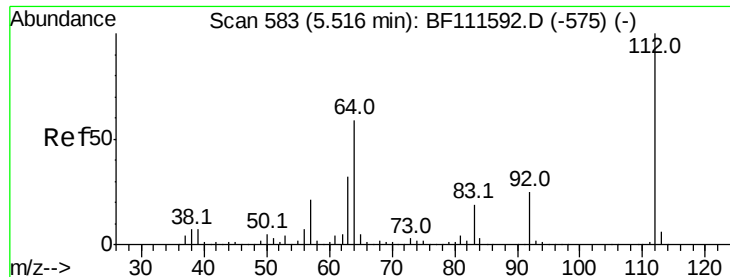
Delta R.T. 0.12 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Tgt Ion:	42	Resp:	268973
Ion Ratio	Lower	Upper	
42	100		
74	105.8	101.5	152.3
44	6.4	6.0	9.0





#5

2-Fluorophenol

Concen: 119.127 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.04 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

PB116049BS

Tot Ion:112 Resp: 1256506

Ion Ratio Lower Upper

112 100

64 61.9 51.8 77.6

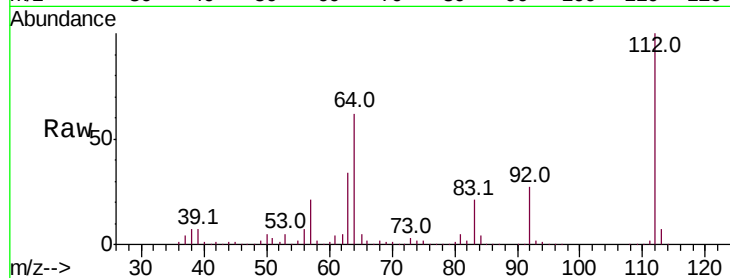
63 34.2 26.8 40.2

Manual Integrations

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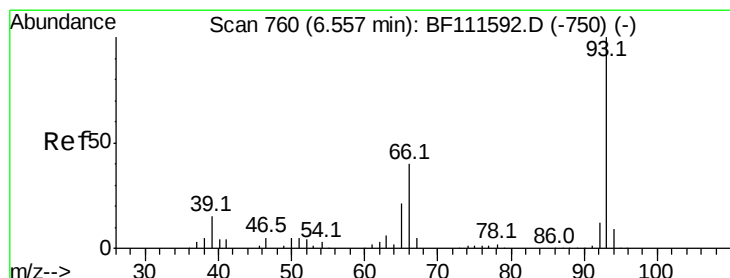
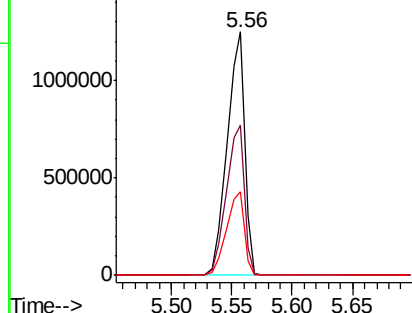
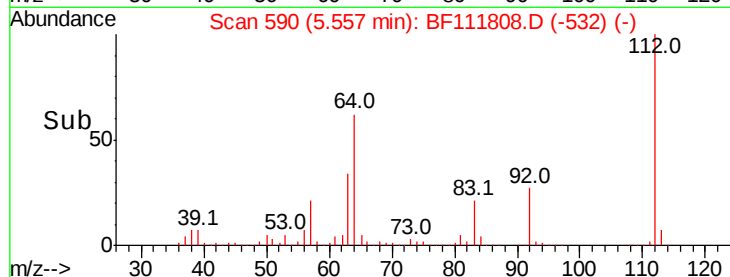
1/3/2019 10:59:33 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.427 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

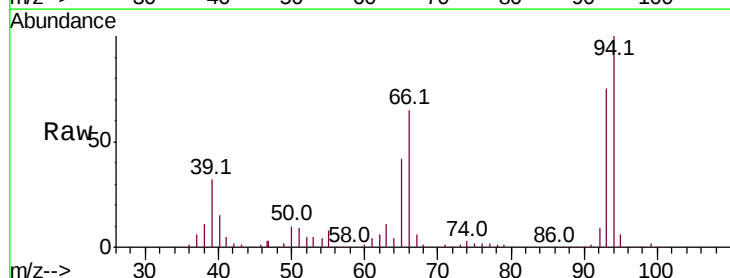
Tgt Ion: 93 Resp: 469286

Ion Ratio Lower Upper

93 100

66 85.8 33.2 49.8#

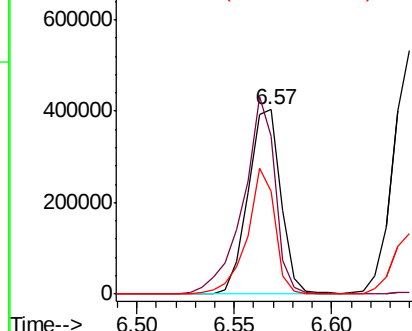
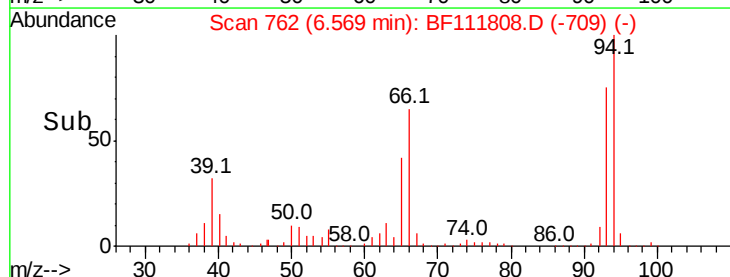
65 55.7 17.0 25.4#

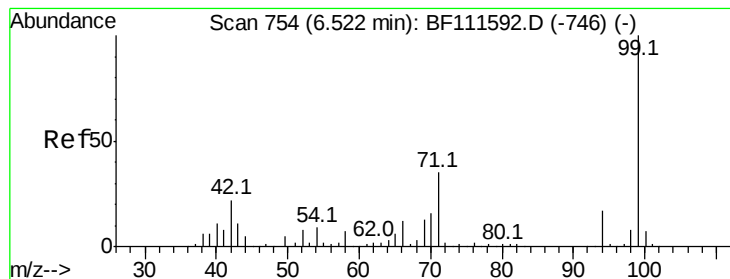


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.964 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111808.D

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Instrument :

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ClientSampleId :

PB116049BS

Tot Ion: 99 Resp: 1596895

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

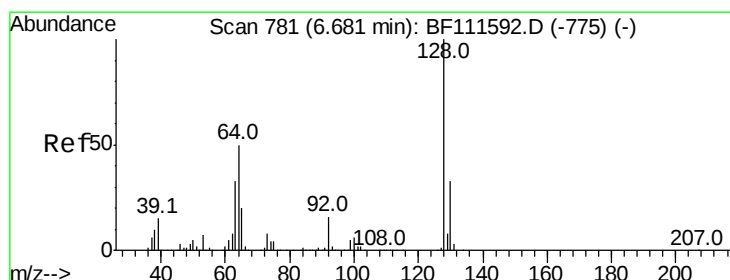
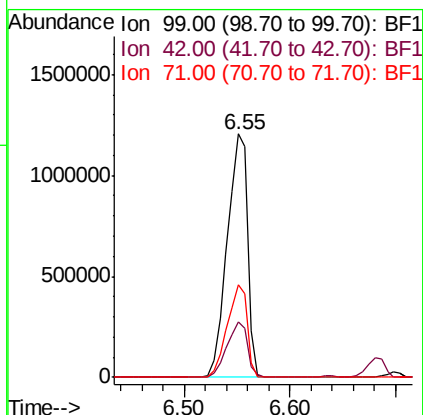
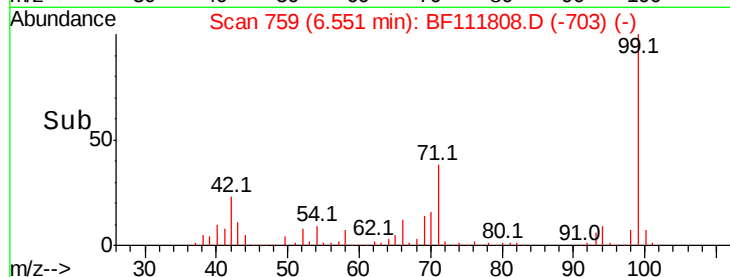
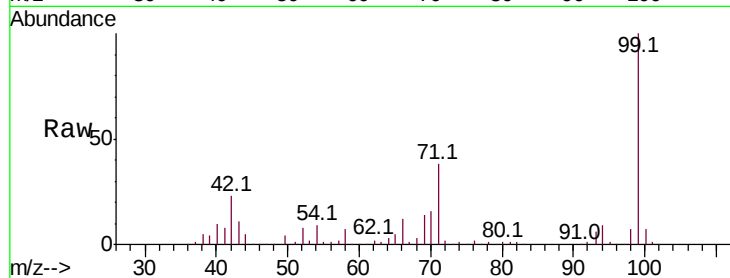
71 38.2 26.1 39.1

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#8

2-Chlorophenol

Concen: 41.611 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

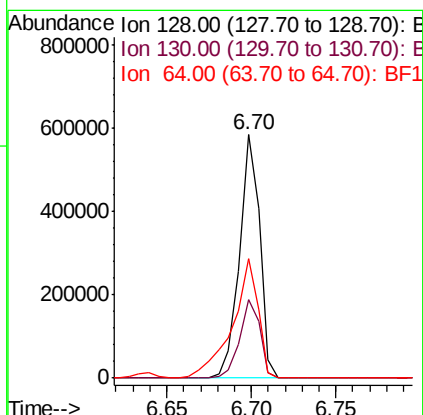
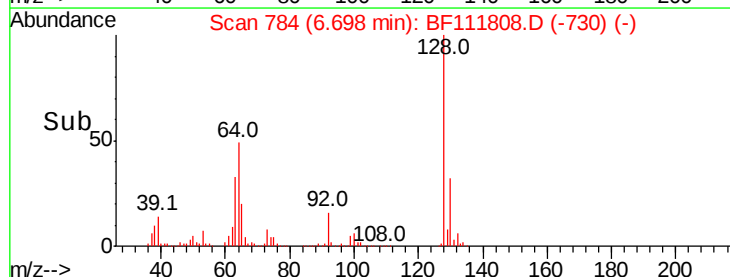
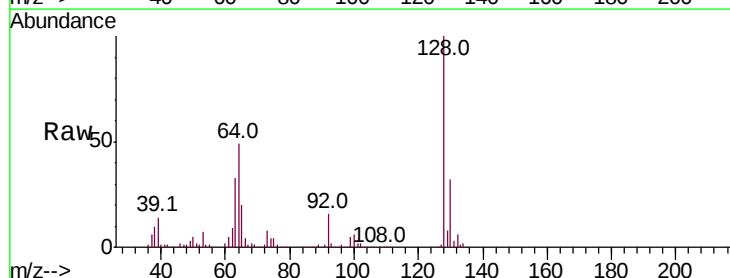
Tgt Ion:128 Resp: 486179

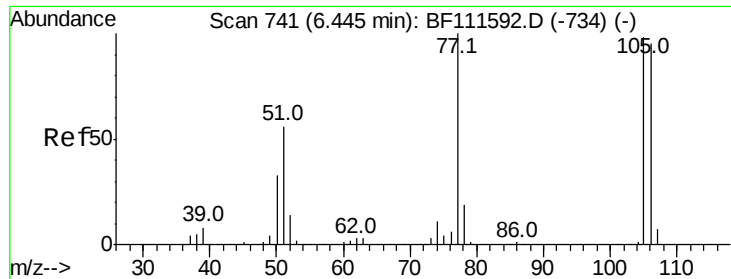
Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

64 49.1 30.0 70.0





#9

Benzaldehyde

Concen: 13.682 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

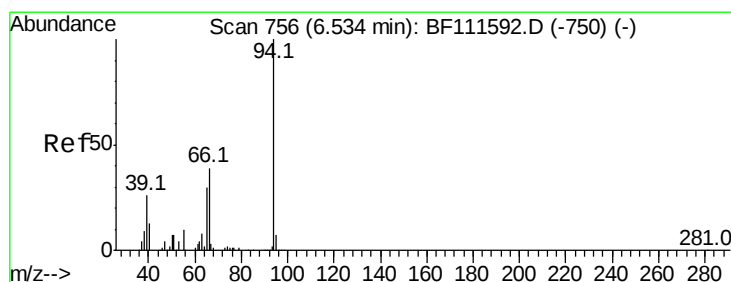
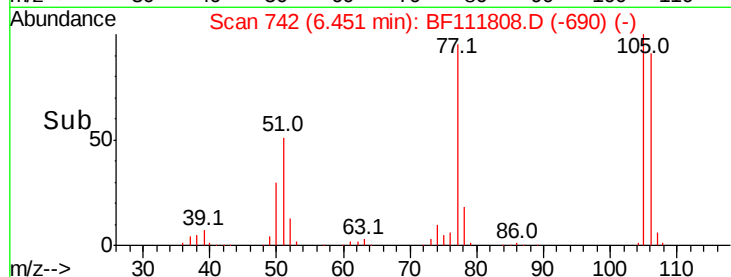
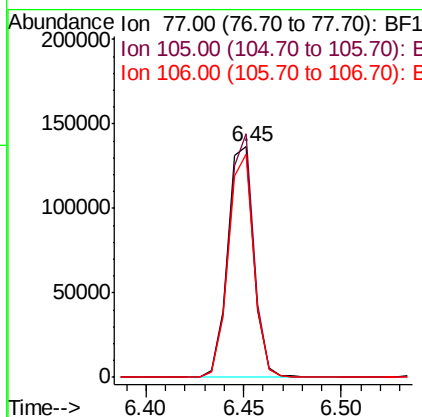
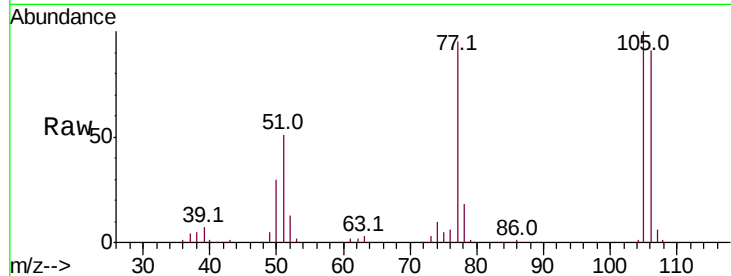
ClientSampleId :

PB116049BS

Tot Ion:	77	Resp:	126315
Ion Ratio	Lower	Upper	
77	100		
105	105.6	81.4	121.4
106	96.6	77.9	117.9

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#10

Phenol

Concen: 37.476 ng

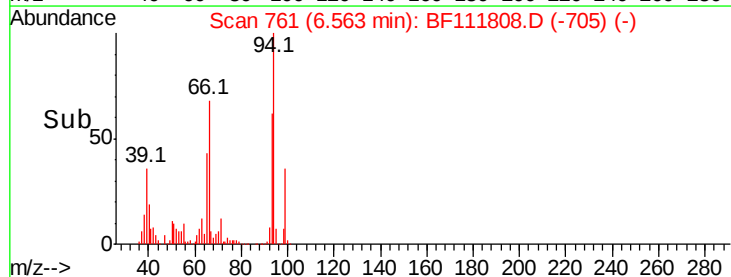
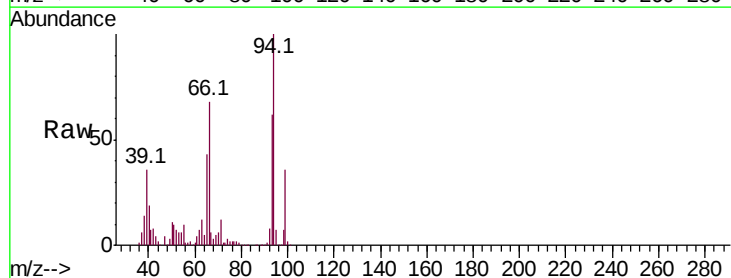
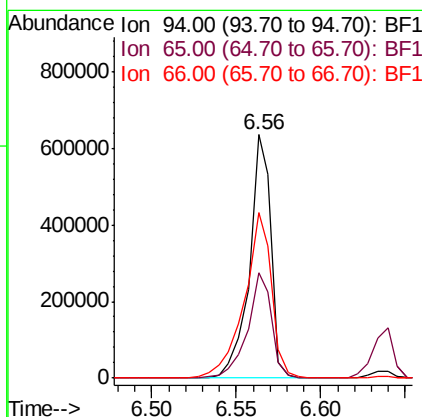
RT: 6.56 min Scan# 761

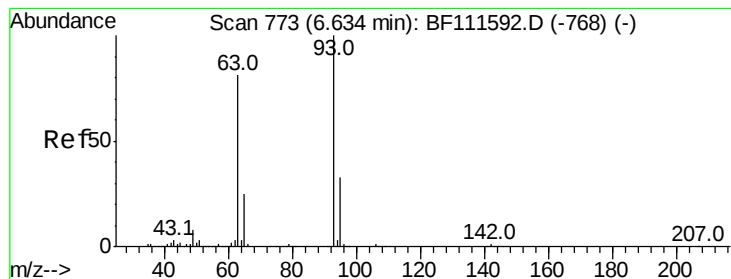
Delta R.T. 0.03 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Tgt Ion:	94	Resp:	567599
Ion Ratio	Lower	Upper	
94	100		
65	43.2	11.7	51.7
66	68.0	21.0	61.0#





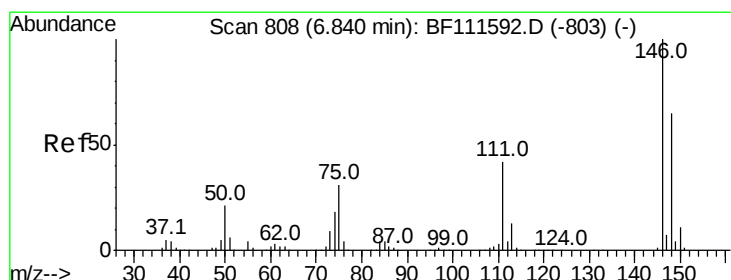
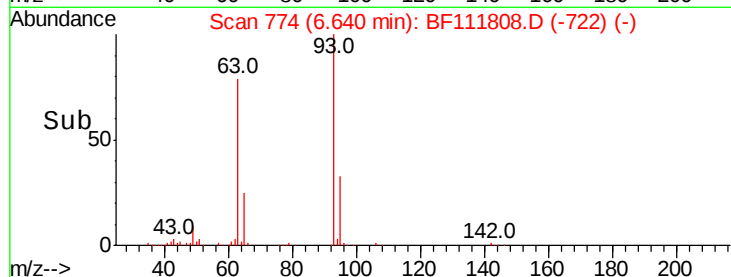
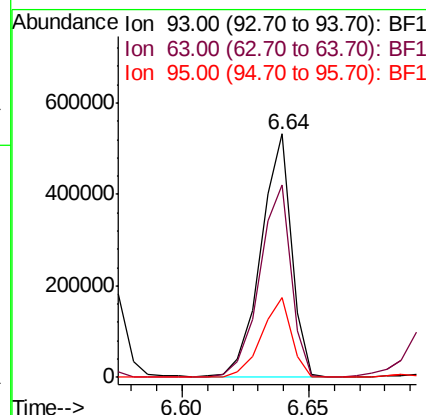
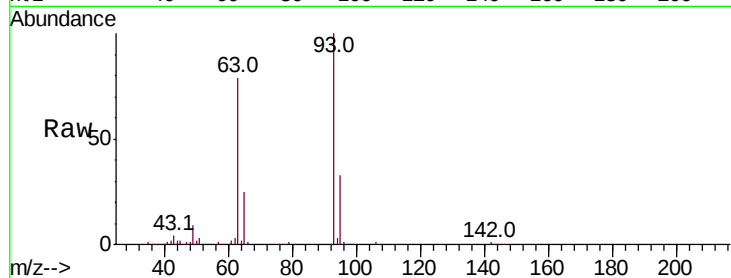
#11
bis(2-Chloroethyl)ether
Concen: 39.597 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	60.0	100.0
95	33.0	13.4	53.4

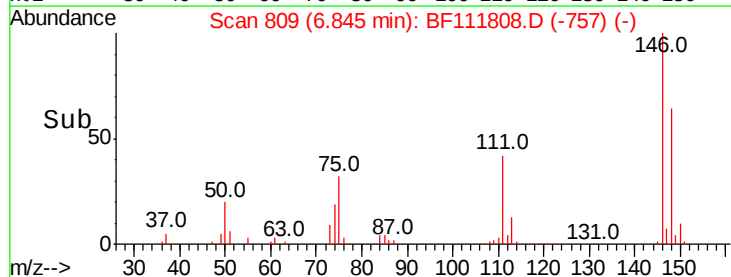
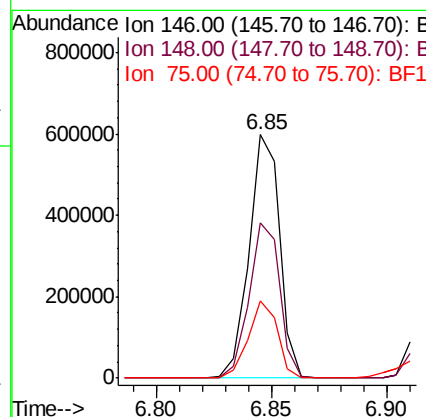
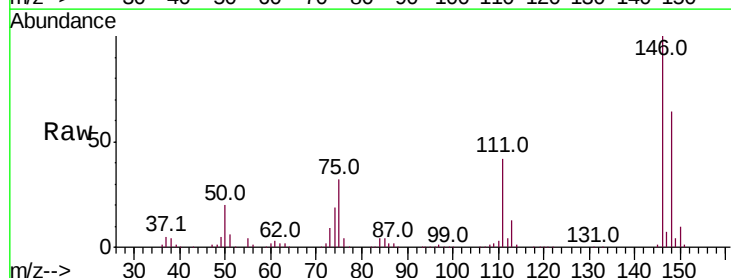
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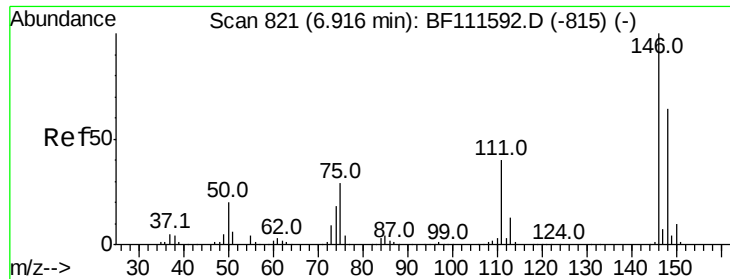
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#12
1,3-Dichlorobenzene
Concen: 40.815 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
75	31.8	23.9	35.9





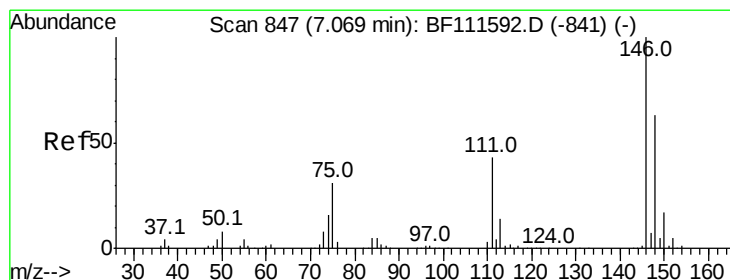
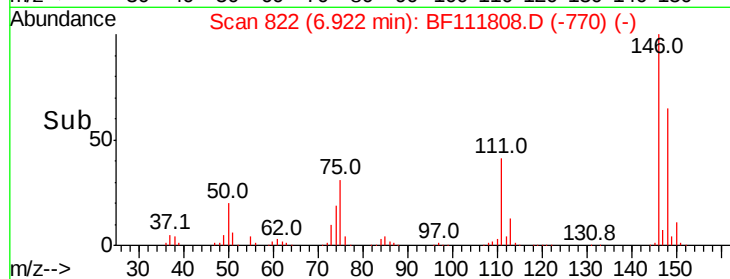
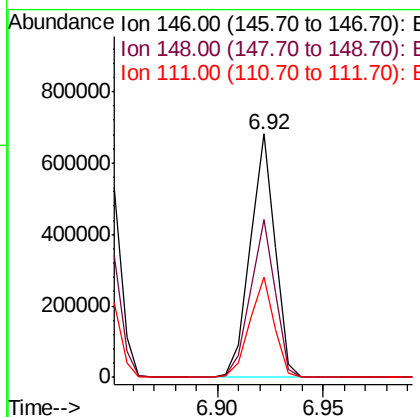
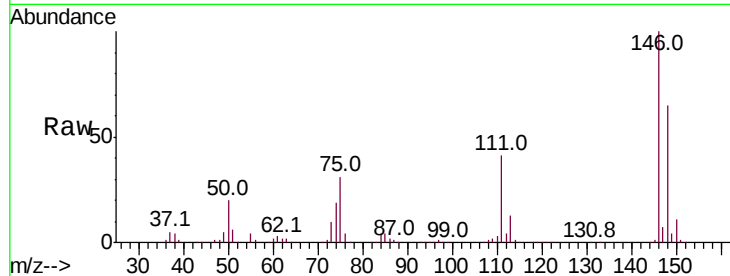
#13
 1,4-Dichlorobenzene
 Concen: 40.530 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.8	79.2
111	41.1	33.4	50.0

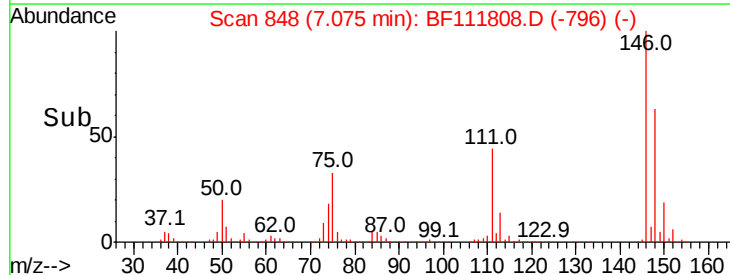
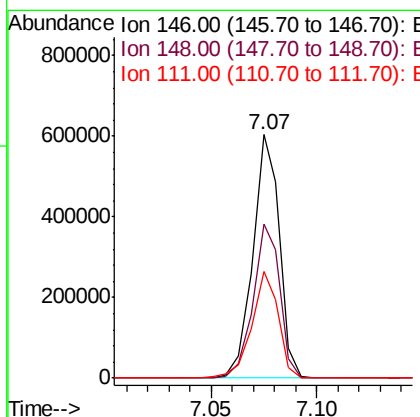
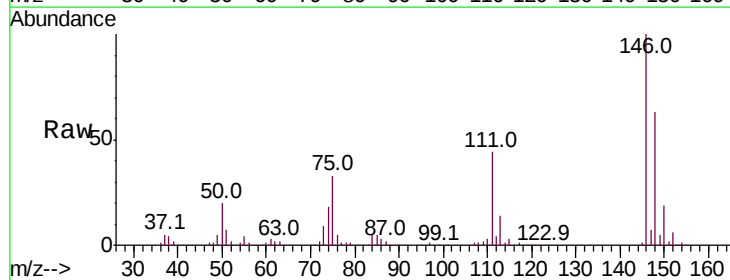
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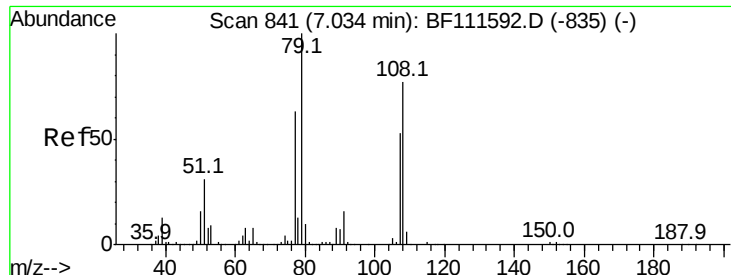
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#14
 1,2-Dichlorobenzene
 Concen: 41.078 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	43.8	36.2	54.4





#15

Benzyl Alcohol

Concen: 41.072 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

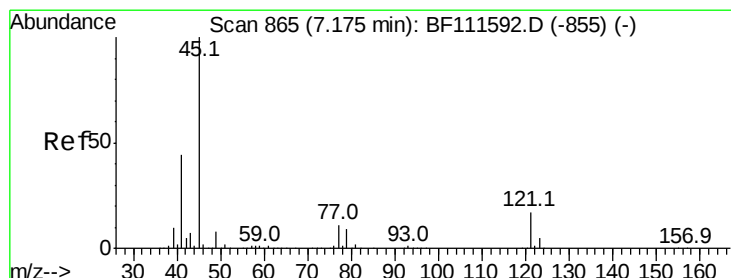
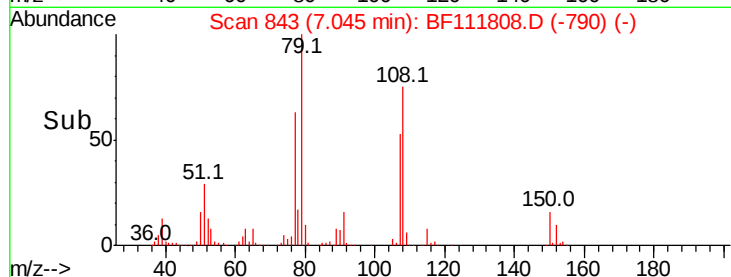
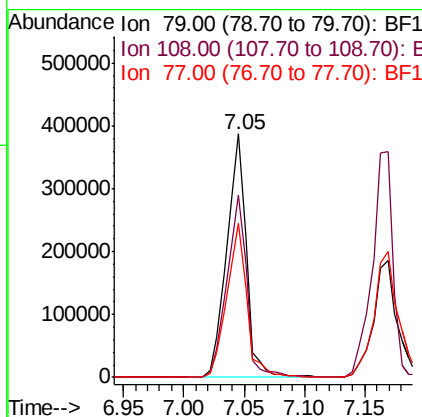
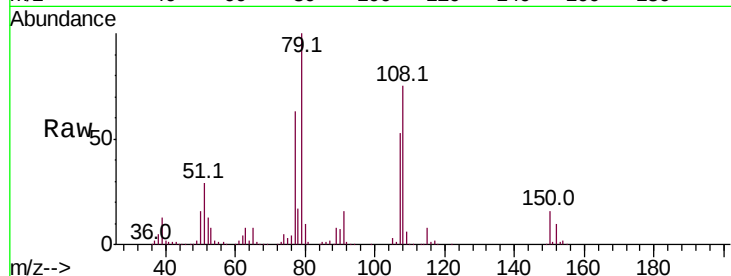
ClientSampled :

PB116049BS

Tot Ion:	79	Resp:	437863
Ion Ratio	Lower	Upper	
79	100		
108	74.9	69.4	104.2
77	63.4	49.7	74.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.839 ng

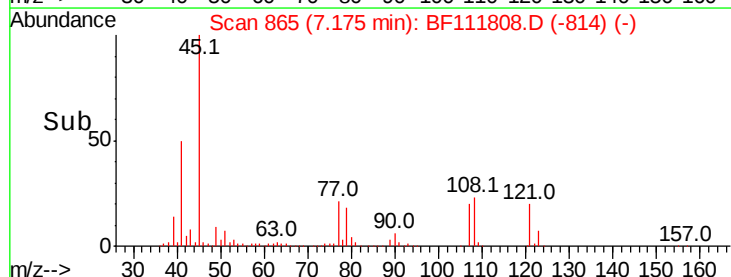
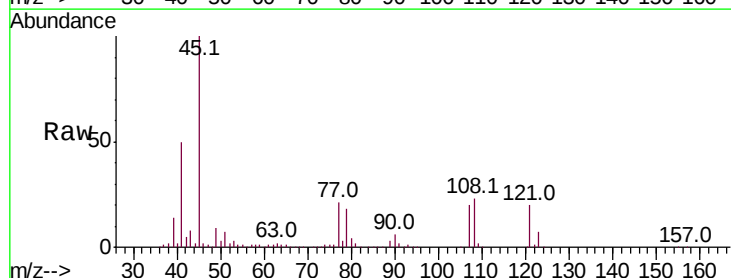
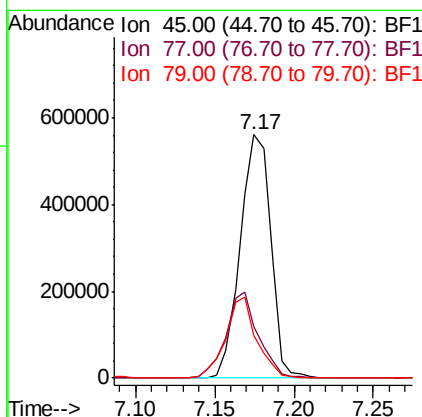
RT: 7.17 min Scan# 865

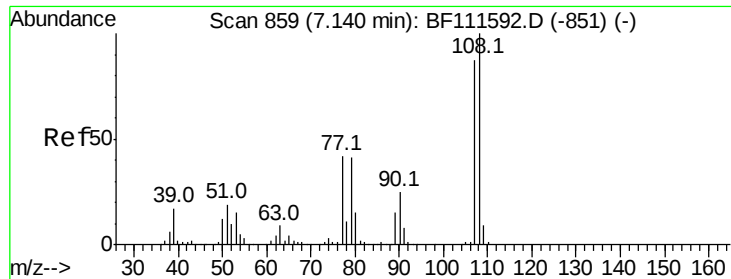
Delta R.T. -0.00 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Tgt Ion:	45	Resp:	749130
Ion Ratio	Lower	Upper	
45	100		
77	21.2	0.0	31.5
79	17.8	0.0	28.9





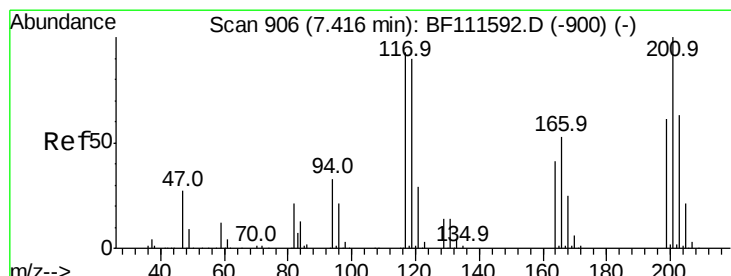
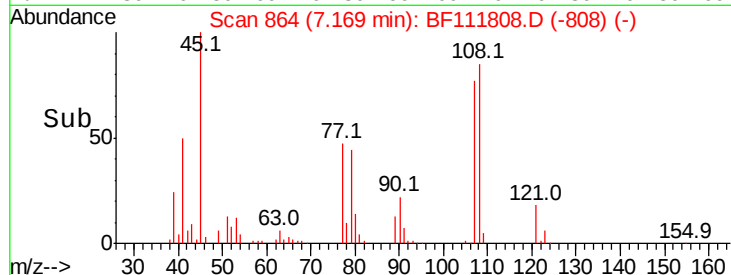
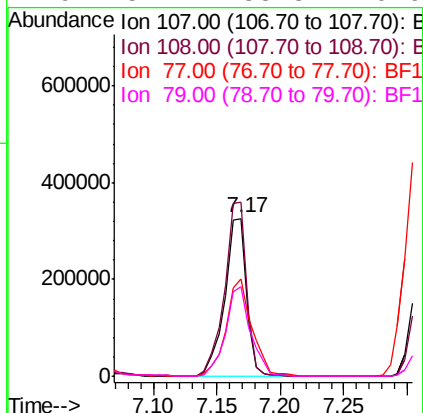
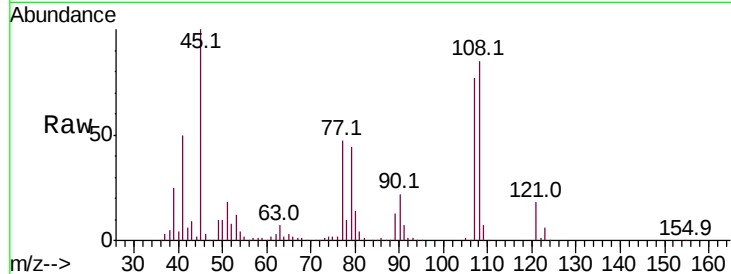
#17
2-Methylphenol
Concen: 41.688 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	110.1	91.0	136.4
77	61.3	33.5	50.3#
79	57.2	33.3	49.9#

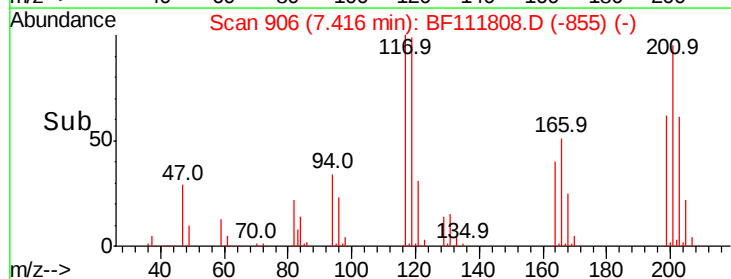
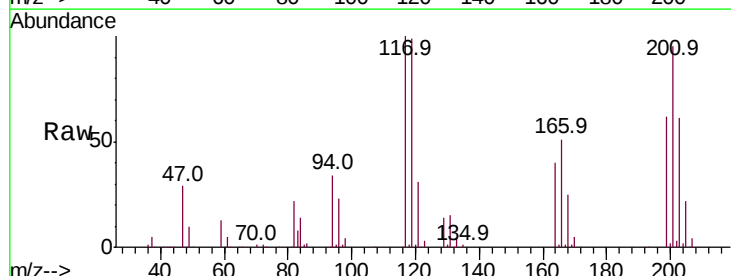
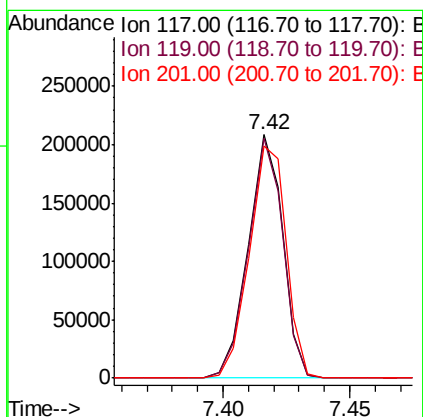
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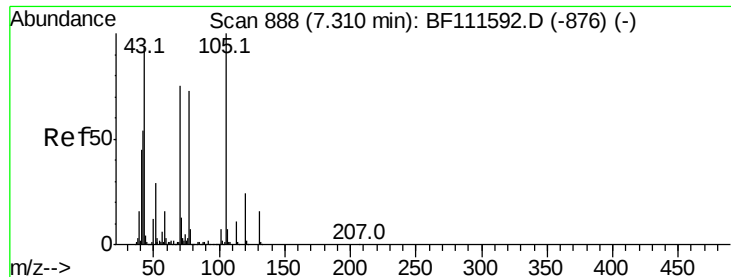
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#18
Hexachloroethane
Concen: 43.053 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	98.7	75.4	113.0
201	95.5	62.4	93.6#





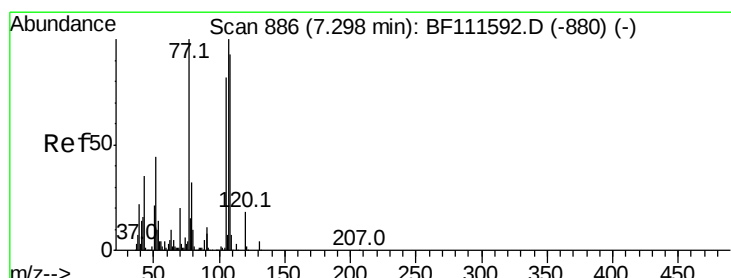
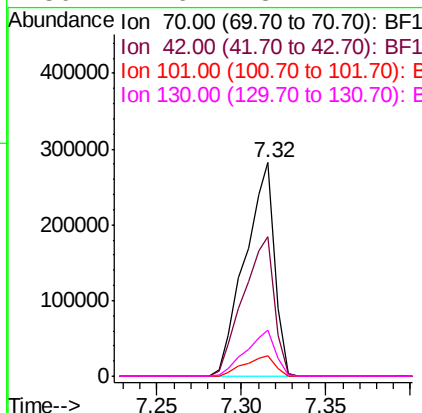
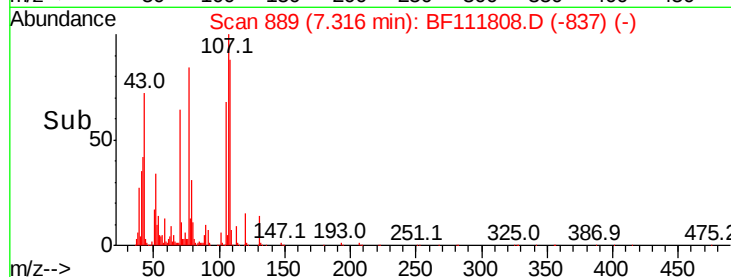
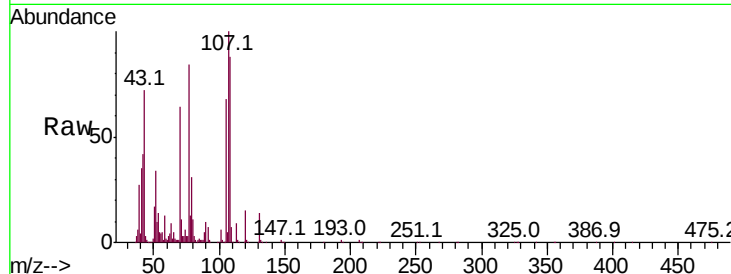
#19
n-Nitroso-di-n-propylamine
Concen: 38.810 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.3	53.2	79.8	
101	9.6	8.2	12.4	
130	21.6	18.1	27.1	

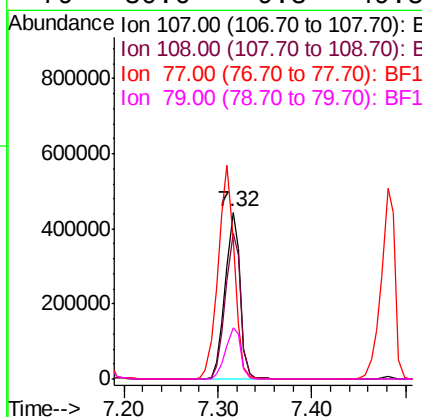
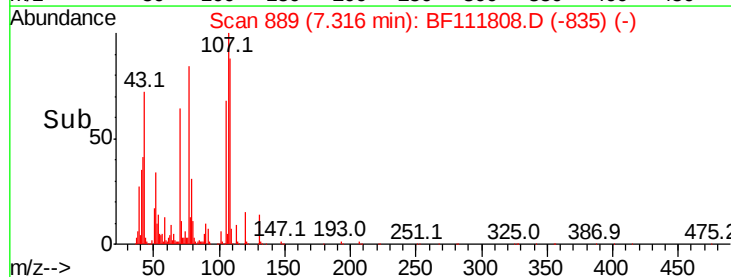
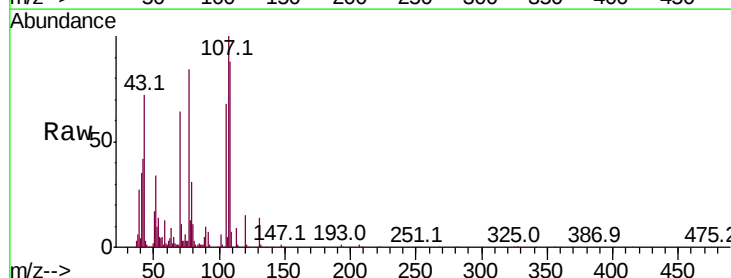
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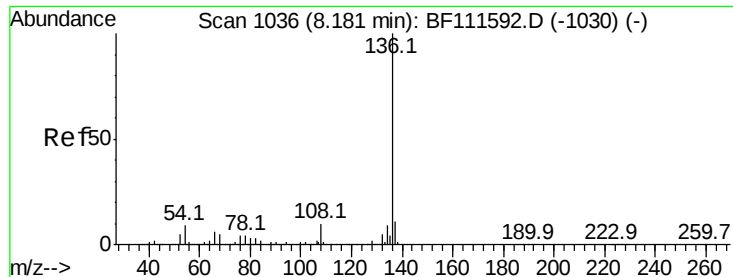
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#20
3+4-Methylphenols
Concen: 41.953 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	72.1	112.1	
77	84.0	94.1	134.1#	
79	30.6	9.8	49.8	





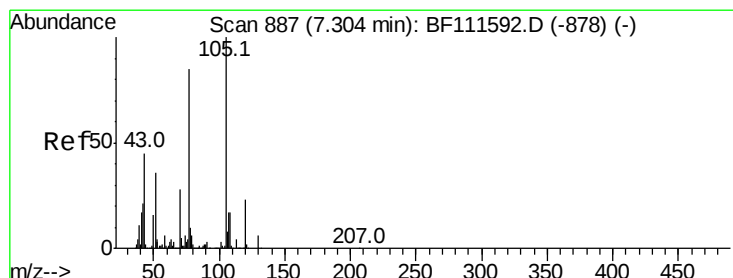
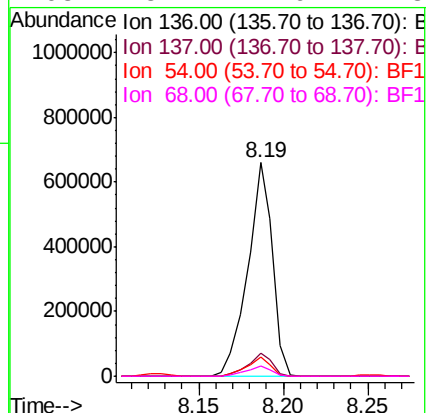
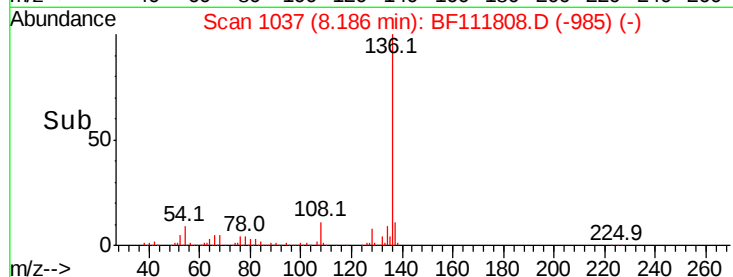
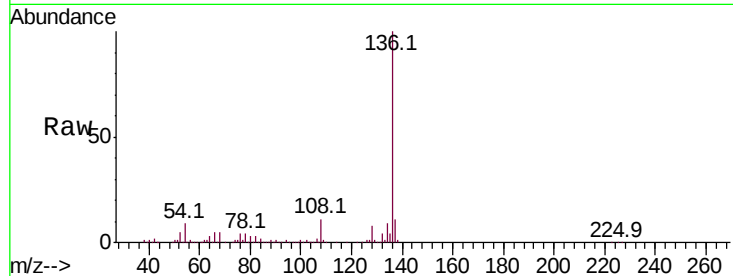
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	8.7	7.7	11.5	
68	5.1	4.9	7.3	

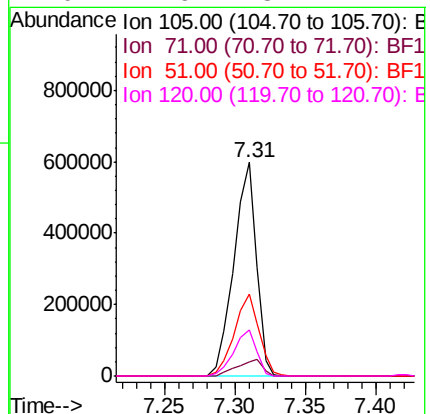
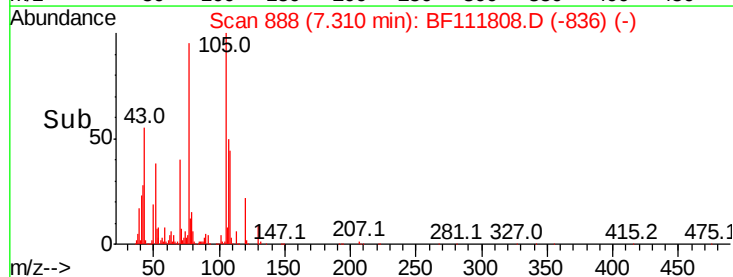
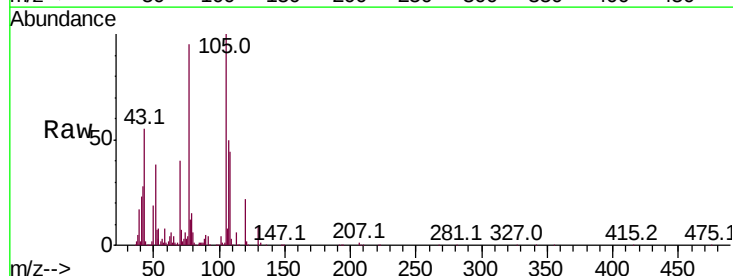
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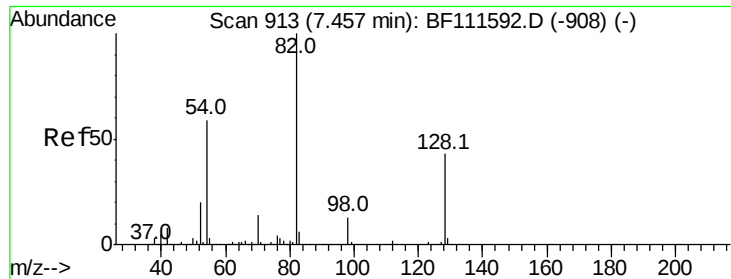
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#22
Acetophenone
Concen: 38.920 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	3.1	4.7#	
51	38.3	36.6	54.8	
120	21.6	18.2	27.4	





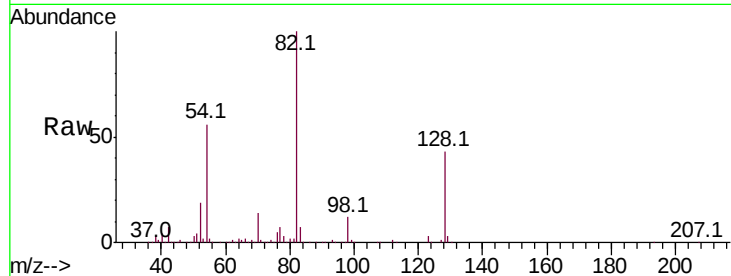
#23
Nitrobenzene-d5
Concen: 76.375 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampled :
PB116049BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.4	56.2
54	56.5	47.6	71.4

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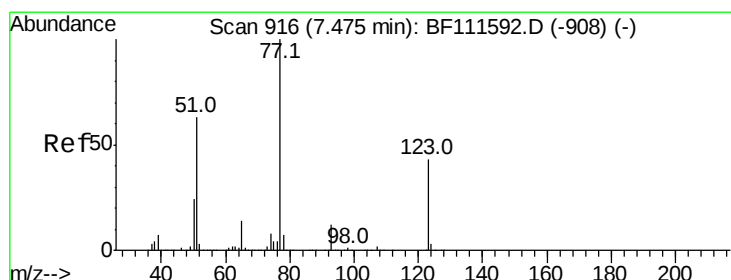
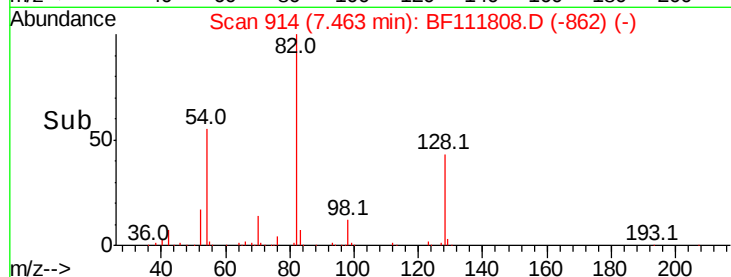
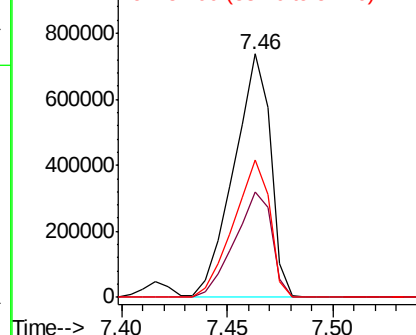


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 42.969 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

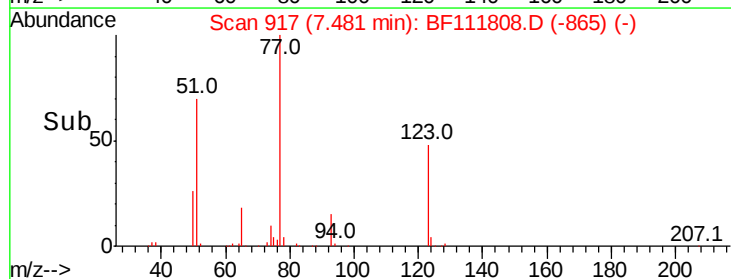
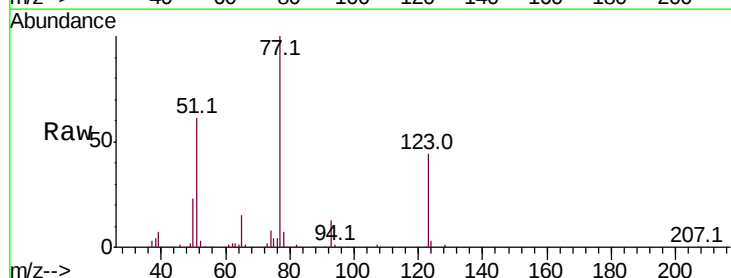
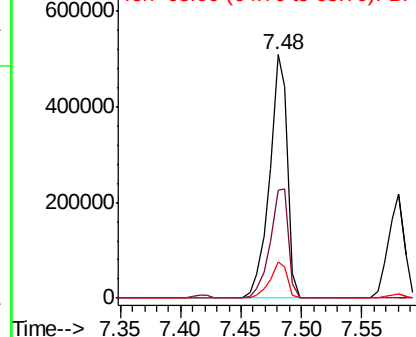
Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	37.2	55.8
65	14.8	11.5	17.3

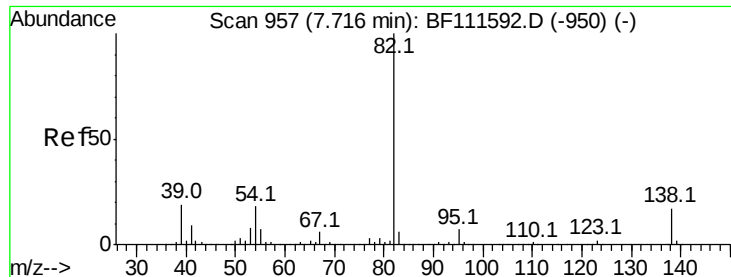
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.141 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

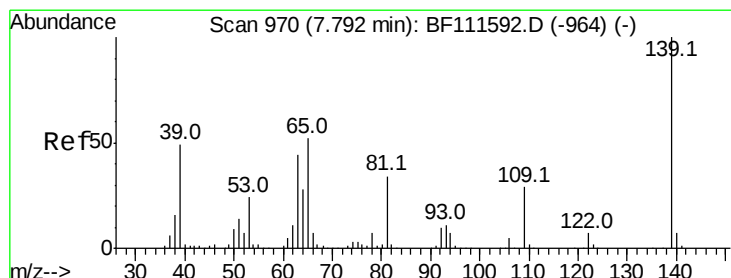
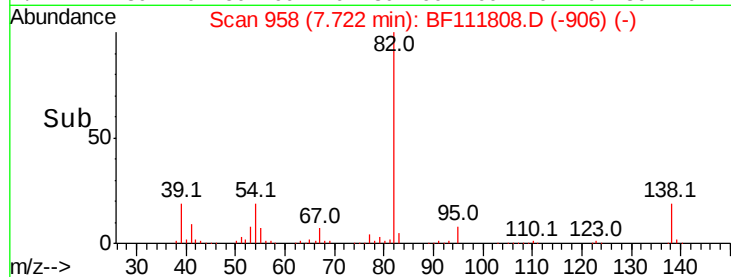
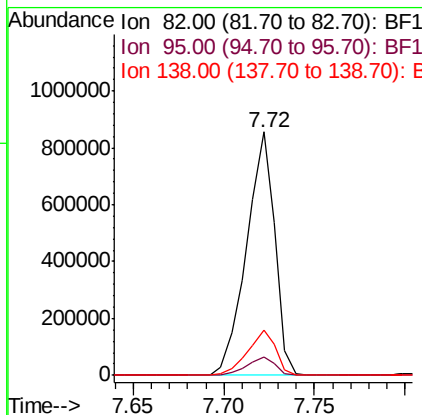
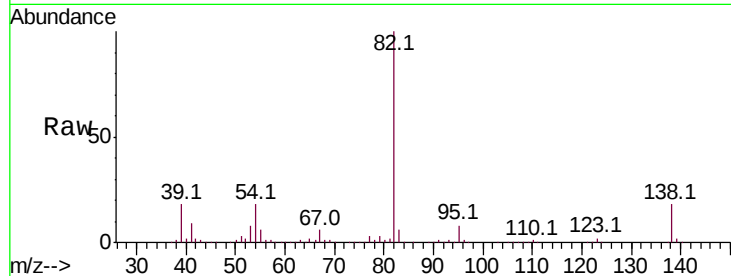
ClientSampleId :

PB116049BS

Tot Ion:	82	Resp:	927231
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.4	8.2
138	18.4	15.1	22.7

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#26

2-Nitrophenol

Concen: 52.160 ng

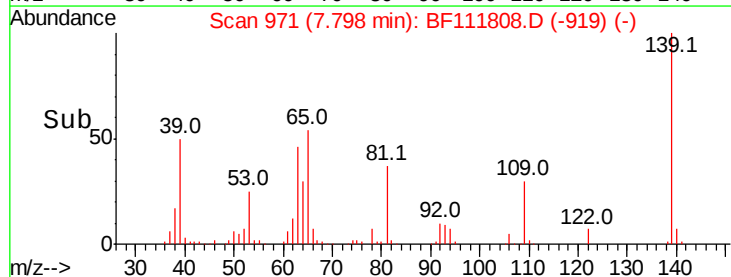
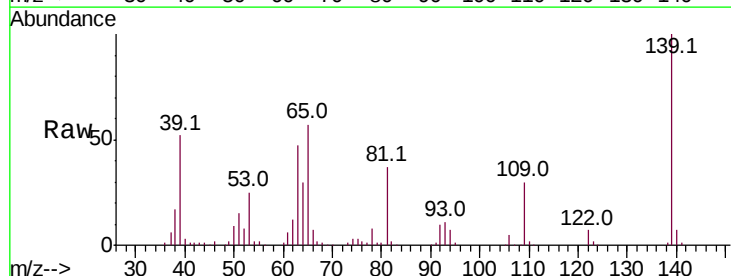
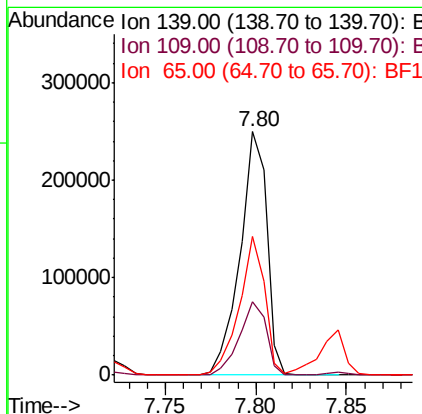
RT: 7.80 min Scan# 971

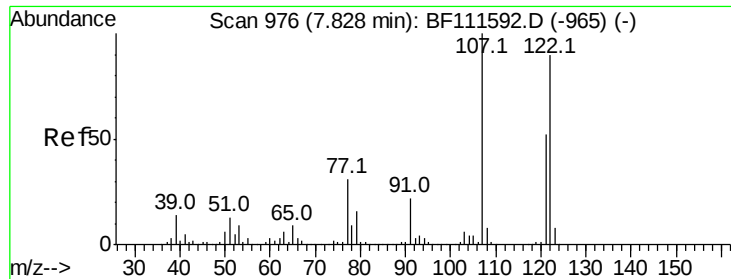
Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Tgt Ion:	139	Resp:	256532
Ion Ratio	Lower	Upper	
139	100		
109	30.4	20.2	30.4#
65	56.7	40.7	61.1





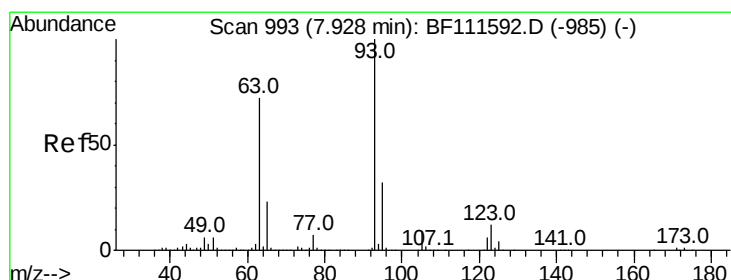
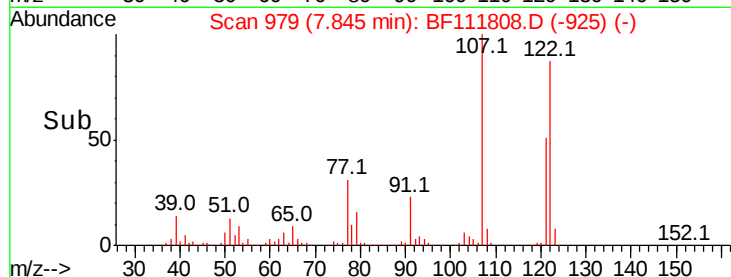
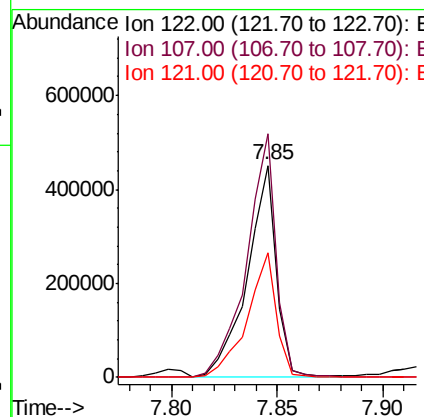
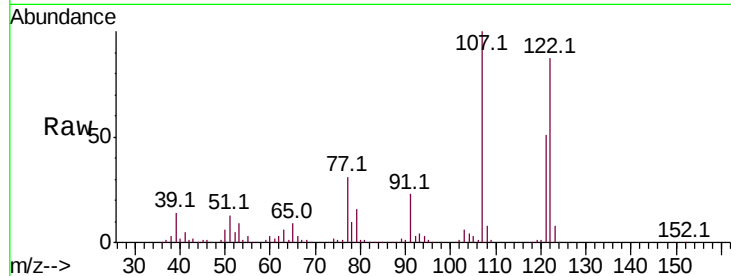
#27
2,4-Dimethylphenol
Concen: 44.238 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	85.5	128.3
121	58.7	46.6	70.0

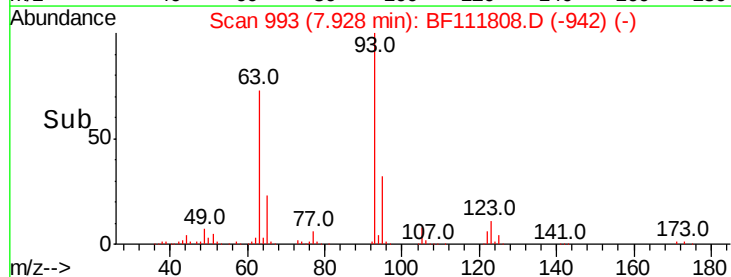
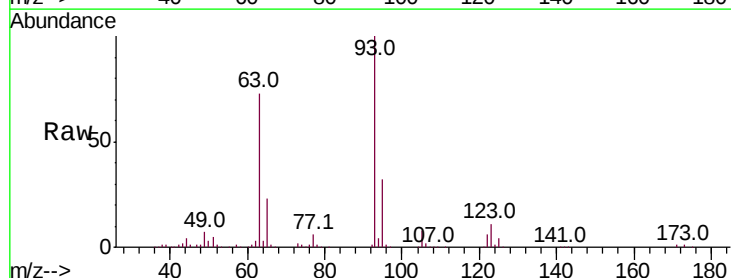
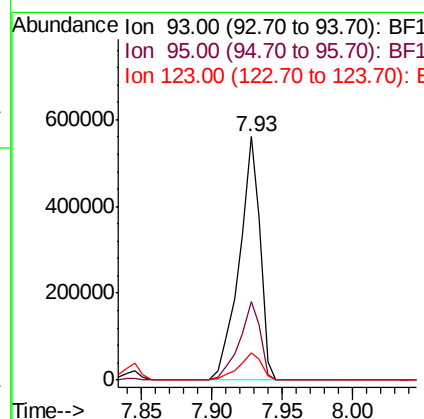
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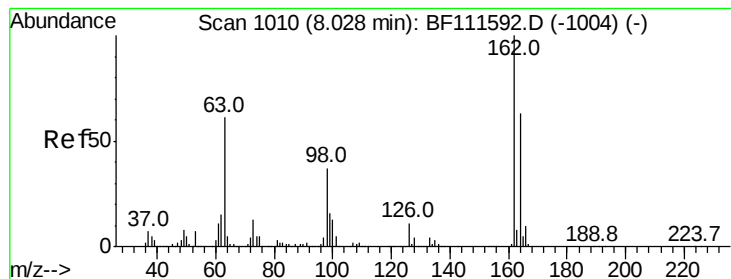
Sohil
1/3/2019 10:59:33 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.819 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.1	40.7
123	11.4	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 41.719 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

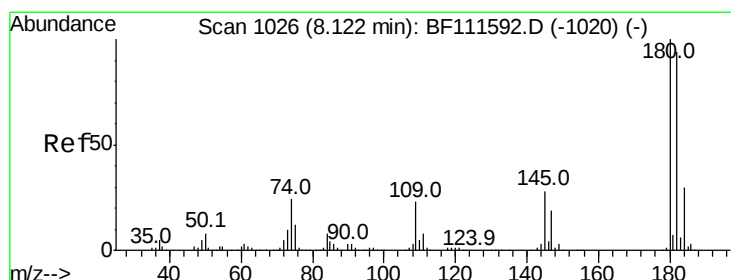
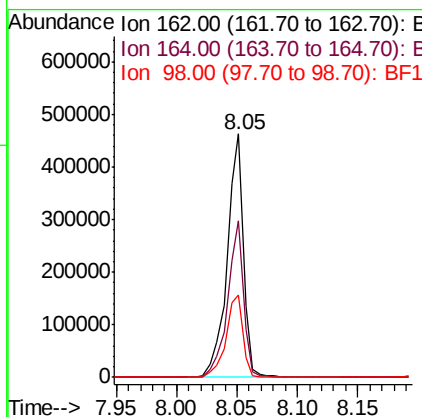
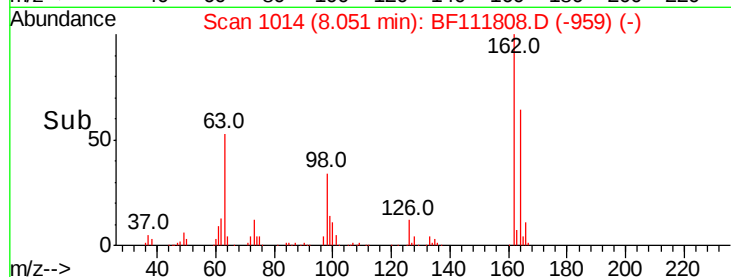
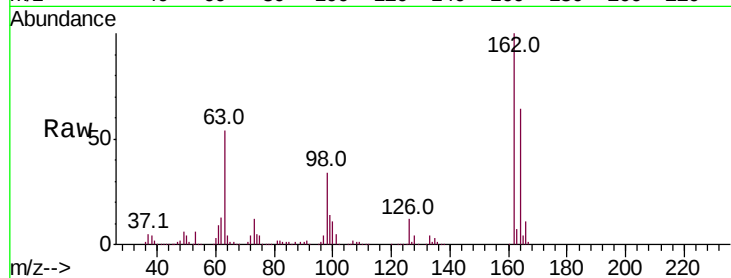
ClientSampleId :

PB116049BS

Tot Ion:	162	Resp:	435053
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.4	84.4
98	34.0	20.3	60.3

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#30

1,2,4-Trichlorobenzene

Concen: 40.367 ng

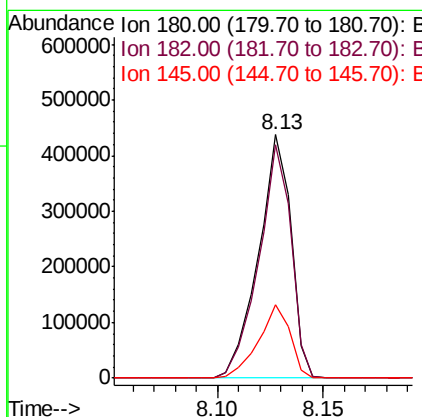
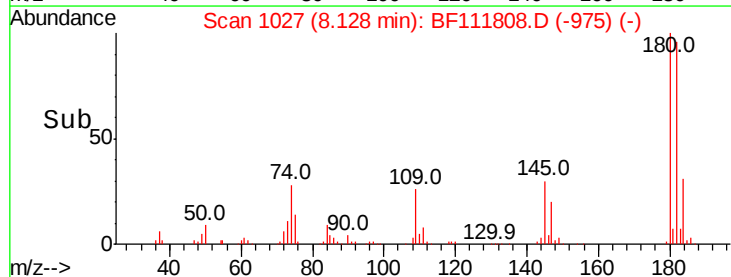
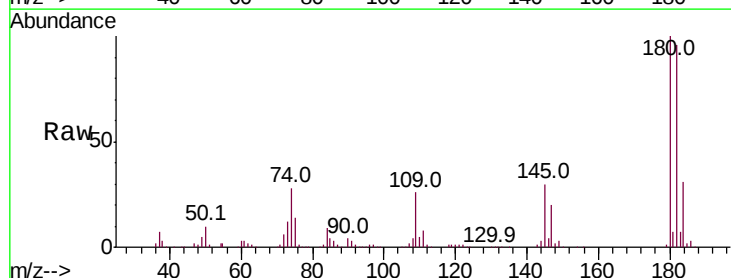
RT: 8.13 min Scan# 1027

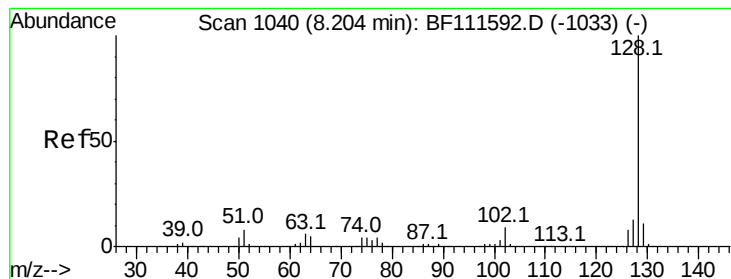
Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Tgt Ion:	180	Resp:	469086
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.6	113.4
145	30.2	26.7	40.1





#31

Naphthalene

Concen: 43.543 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

PB116049BS

Tot Ion:128 Resp: 1409038

Ion Ratio Lower Upper

128 100

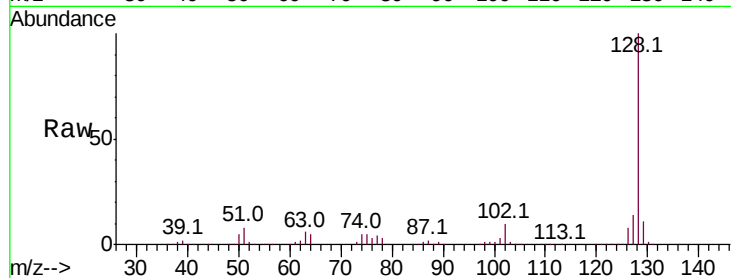
129 11.3 9.8 14.8

127 13.6 12.0 18.0

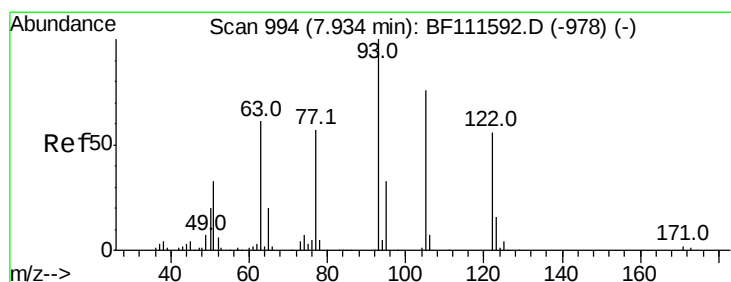
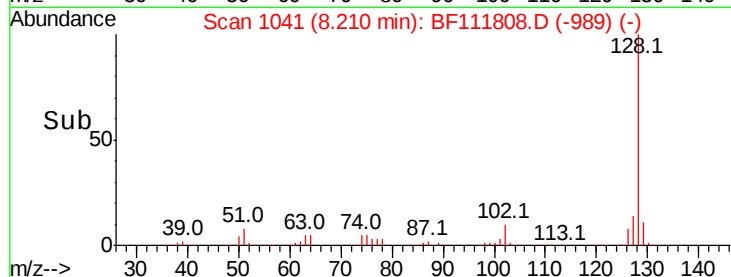
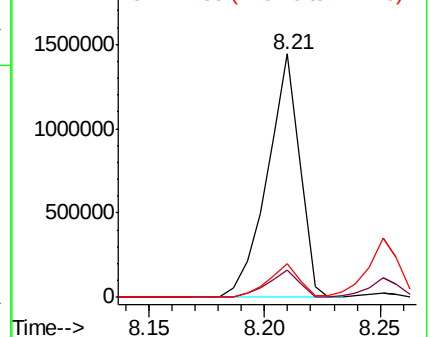
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Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.159 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

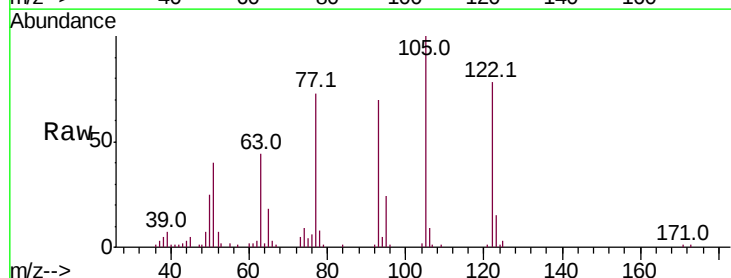
Tgt Ion:122 Resp: 77944

Ion Ratio Lower Upper

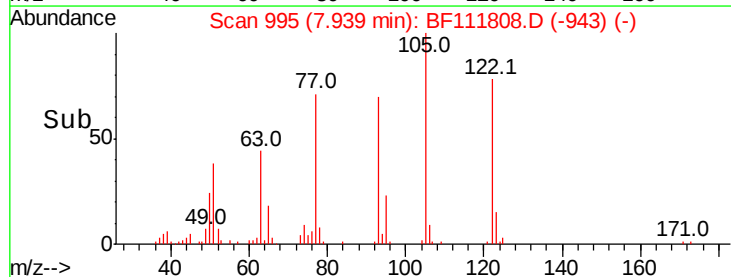
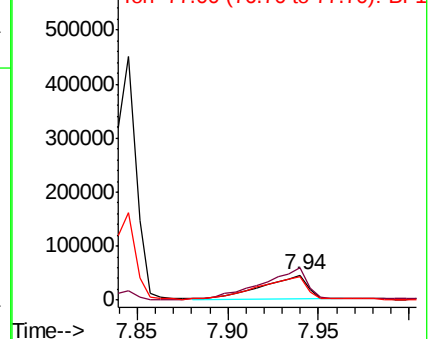
122 100

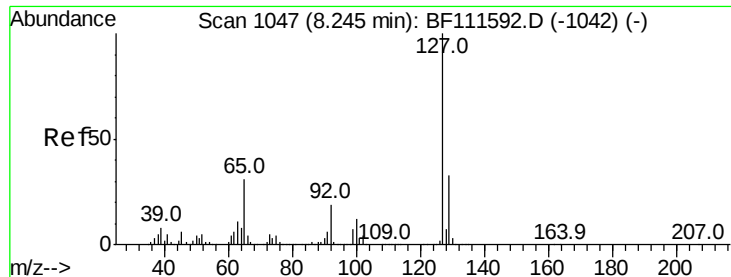
105 127.5 97.0 137.0

77 93.5 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





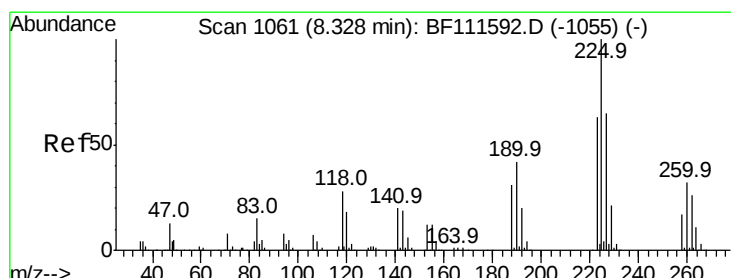
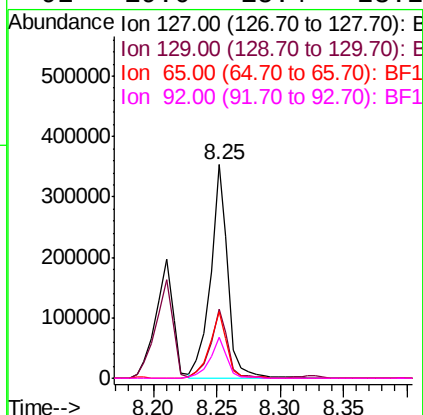
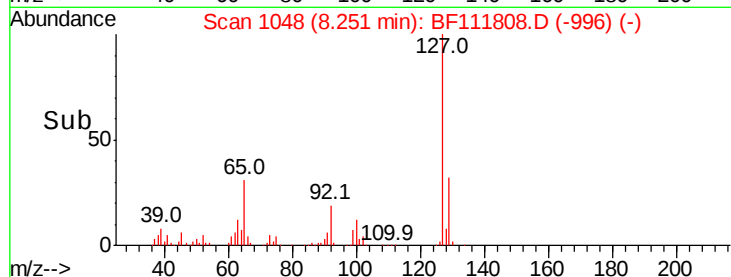
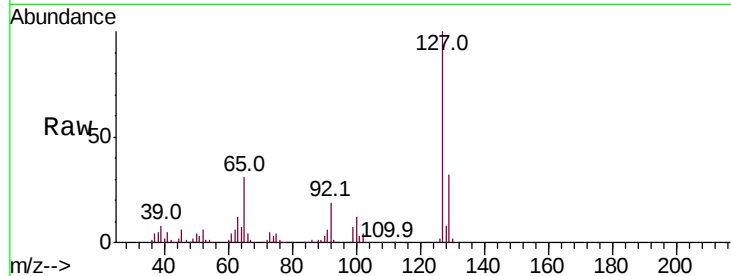
#33
4-Chloroaniline
Concen: 24.174 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.6	39.8	
65	31.5	25.7	38.5	
92	19.0	15.4	23.2	

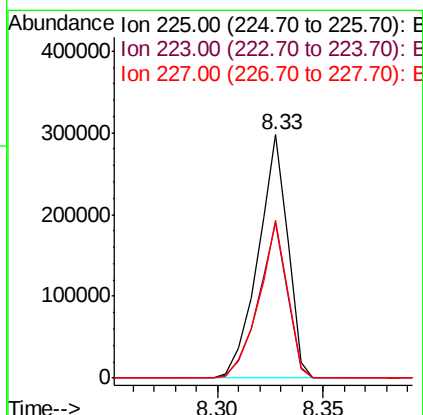
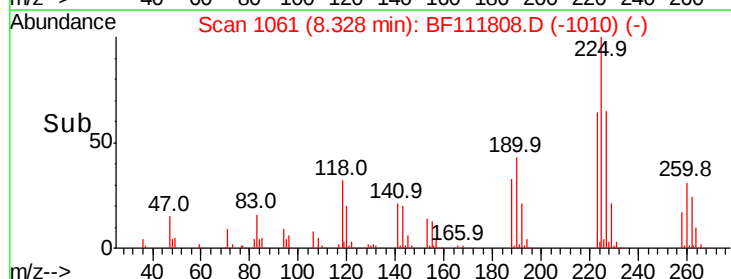
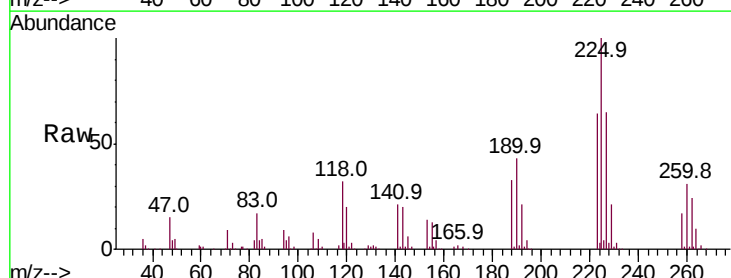
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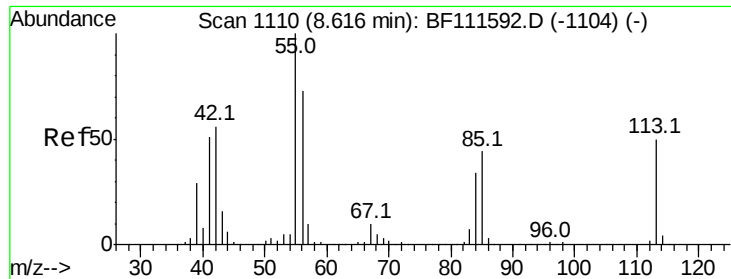
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#34
Hexachlorobutadiene
Concen: 40.839 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.7	76.1	
227	64.8	52.6	78.8	





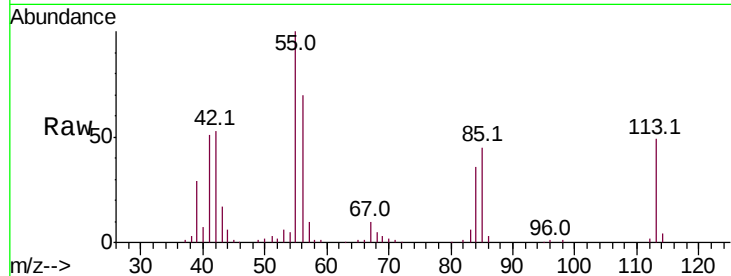
#35
Caprolactam
Concen: 36.002 ng/ml
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampled :
PB116049BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.9	184.1	224.1
56	145.1	126.0	166.0

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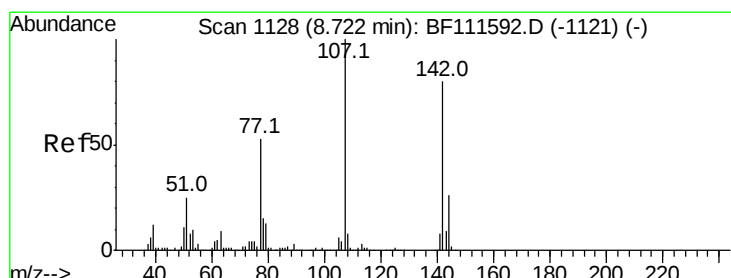
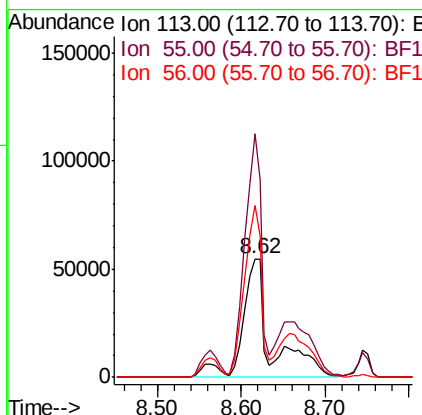
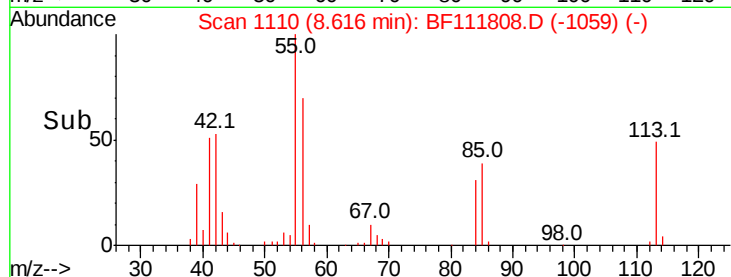


Abundance

Ion 113.00 (112.70 to 113.70): E

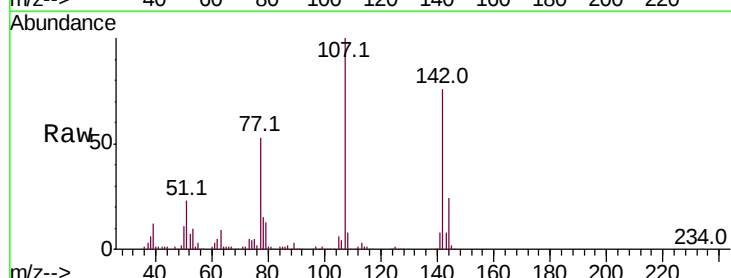
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 43.103 ng/ml
RT: 8.75 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.8	29.6
142	75.9	62.3	93.5

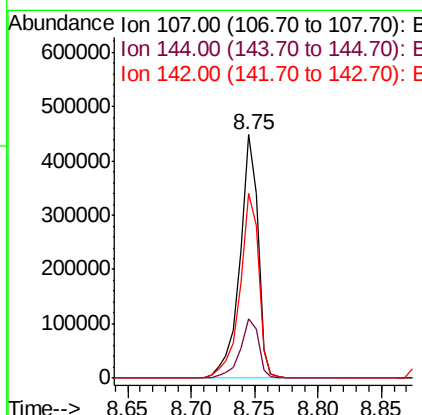
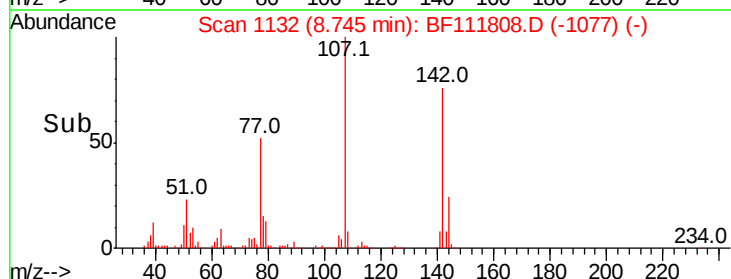


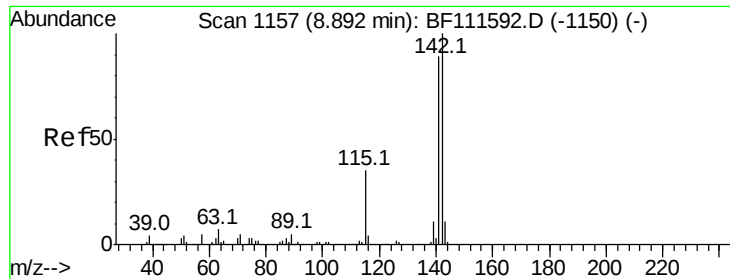
Abundance

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





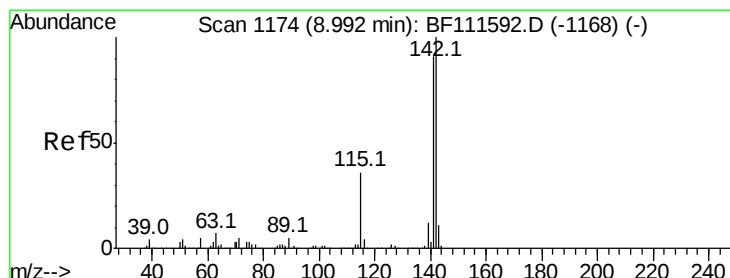
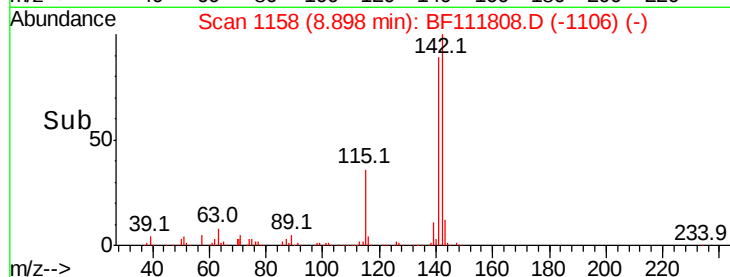
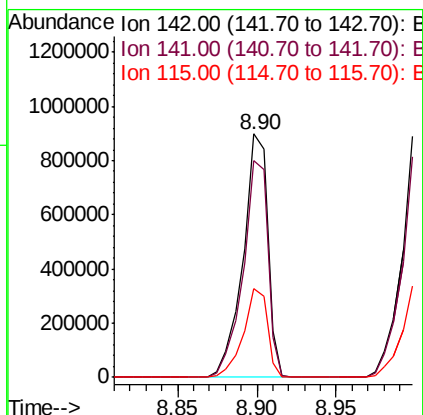
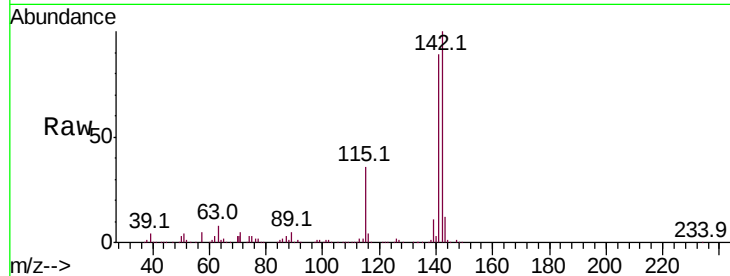
#37
2-Methylnaphthalene
Concen: 46.171 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.6	105.8
115	36.2	27.0	40.6

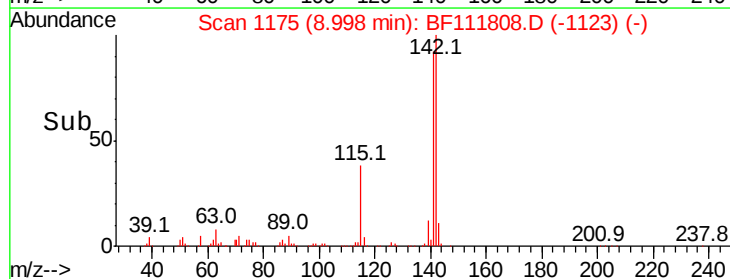
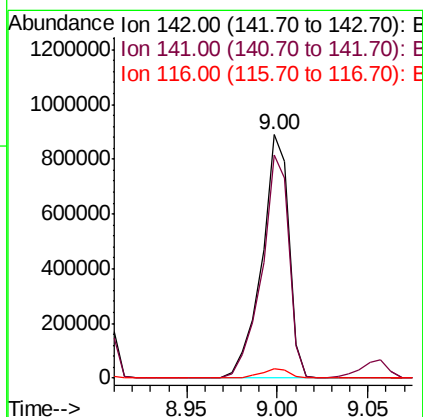
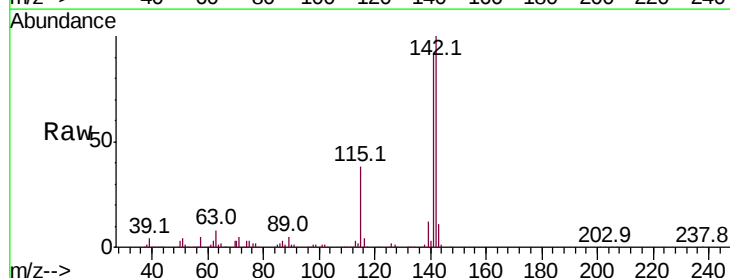
Manual Integrations
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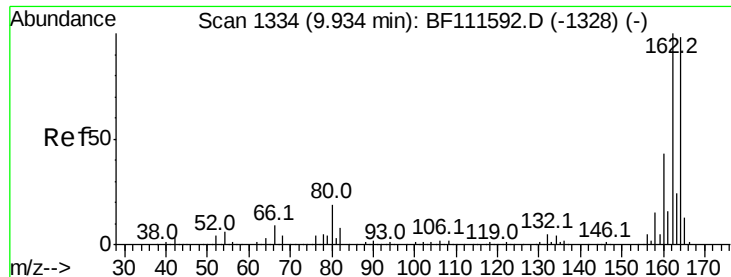
Sohil
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#38
1-Methylnaphthalene
Concen: 45.698 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	4.1	2.9	4.3





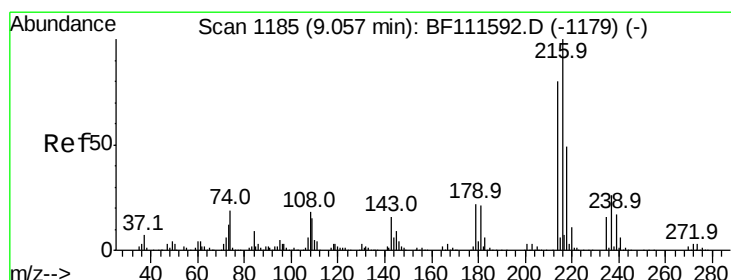
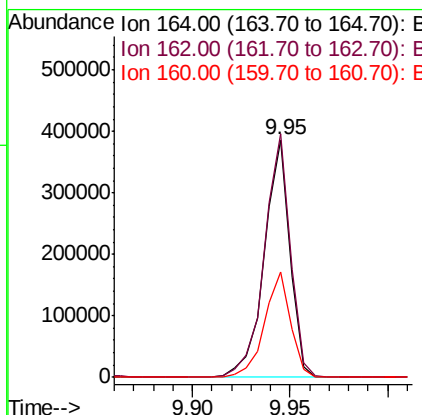
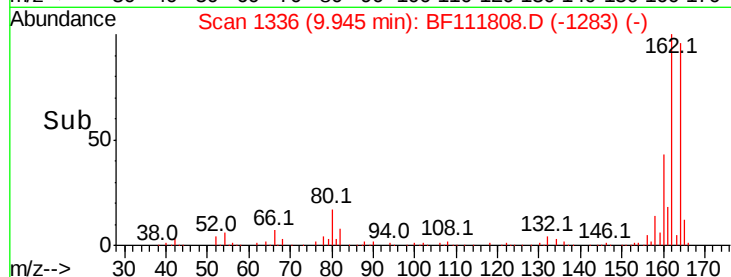
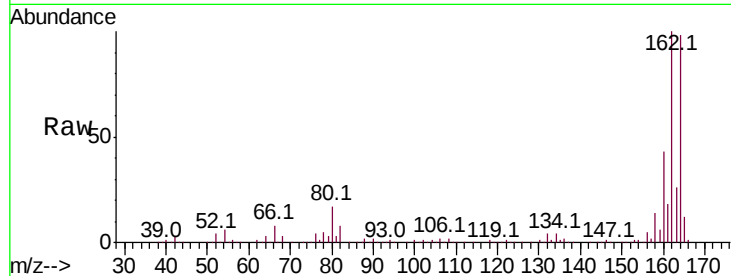
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	81.4	122.0	
160	44.3	35.7	53.5	

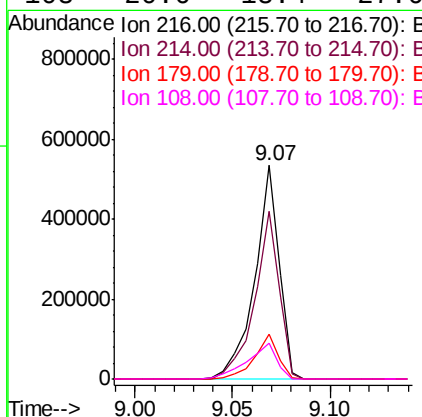
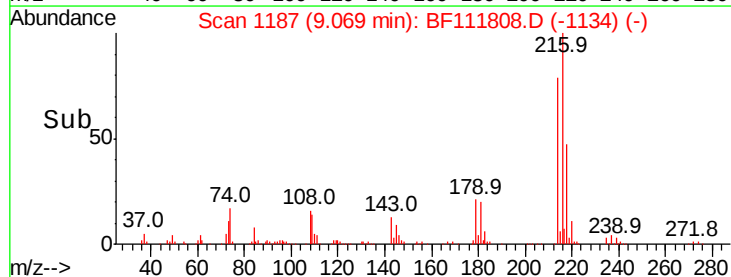
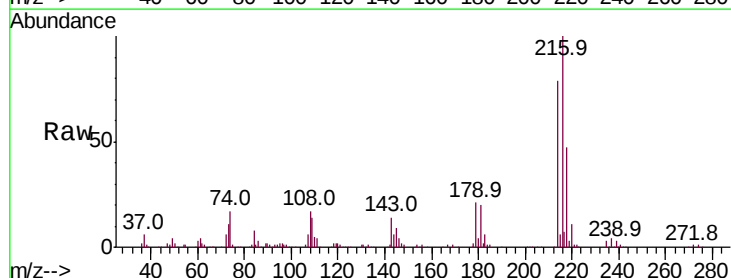
Manual Integrations
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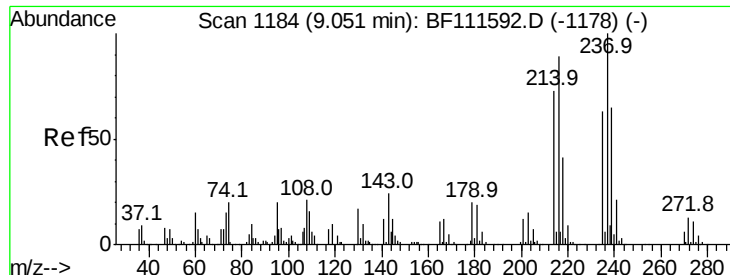
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.110 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.8	95.8	
179	20.6	17.9	26.9	
108	20.6	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 109.469 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

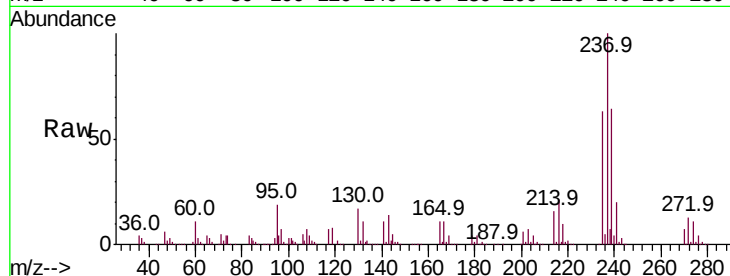
ClientSampleId :

PB116049BS

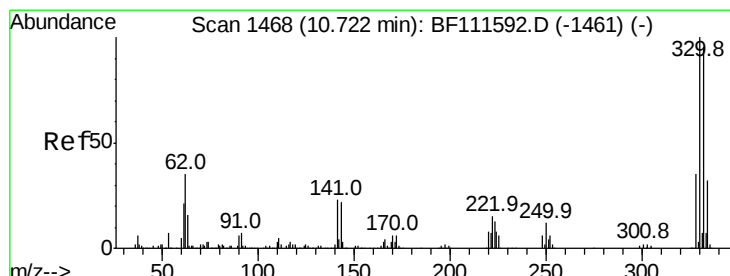
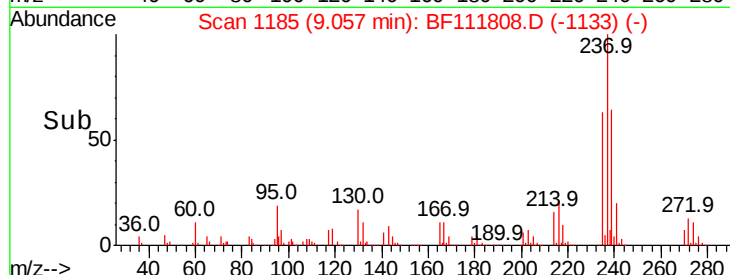
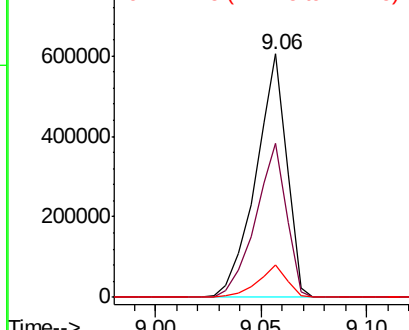
Tot Ion:	237	Resp:	612408
Ion Ratio		Lower	Upper
237	100		
235	63.4	43.1	83.1
272	13.2	0.0	33.0

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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: 133.353 ng

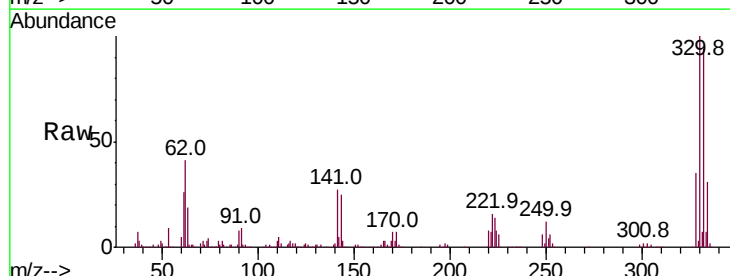
RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

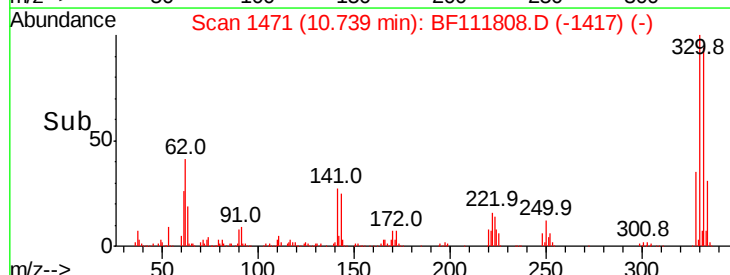
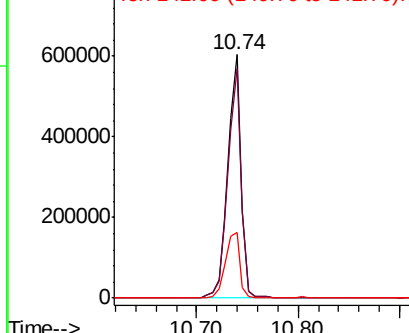
Lab File: BF111808.D

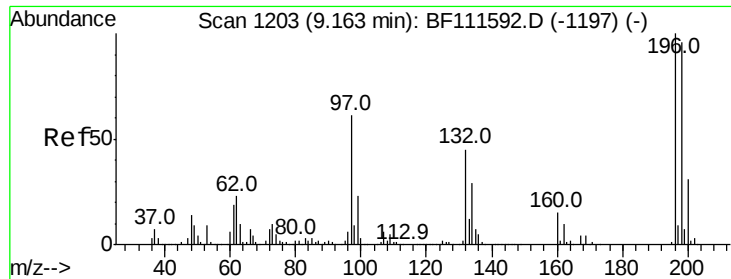
Acq: 2 Jan 2019 13:48

Tgt Ion:	330	Resp:	552803
Ion Ratio		Lower	Upper
330	100		
332	95.3	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





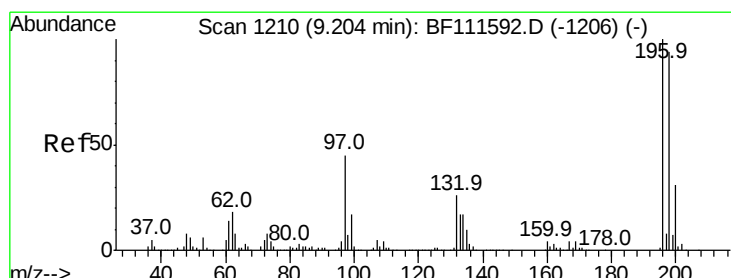
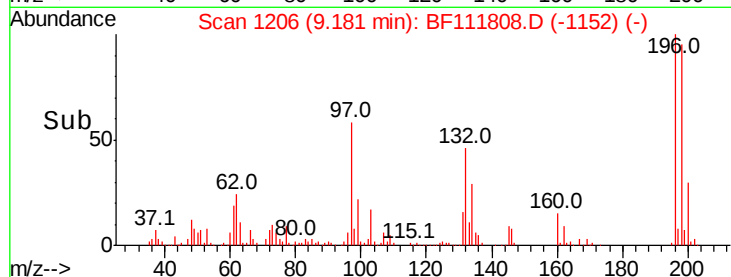
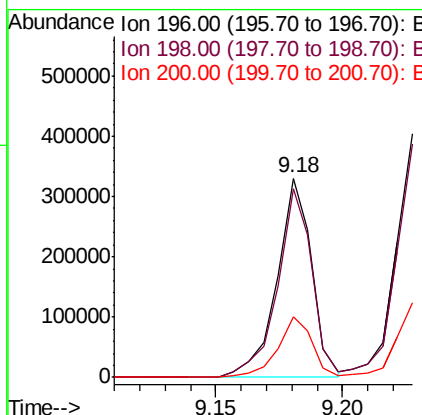
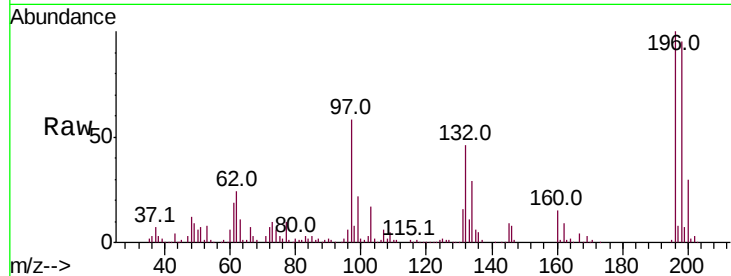
#43
 2,4,6-Trichlorophenol
 Concen: 41.108 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleID :
 PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	316412		
198	94.6	76.3	114.5	
200	30.5	24.9	37.3	

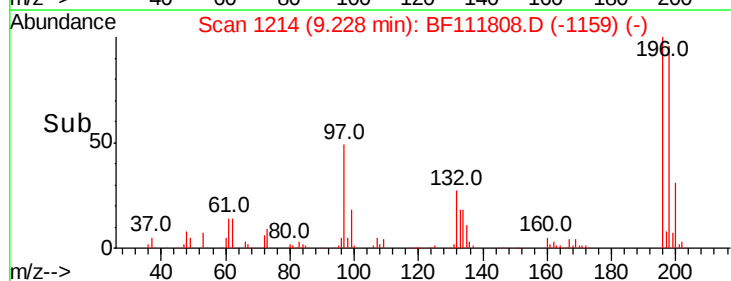
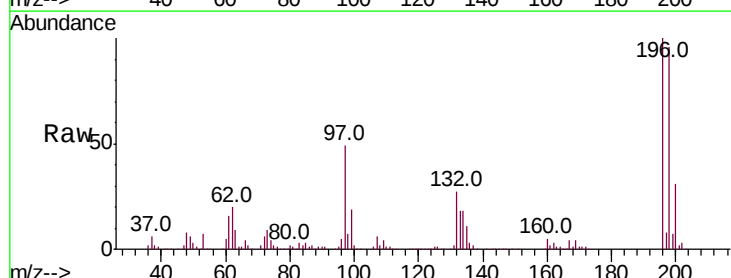
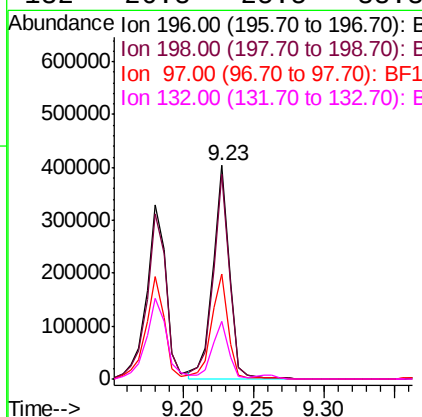
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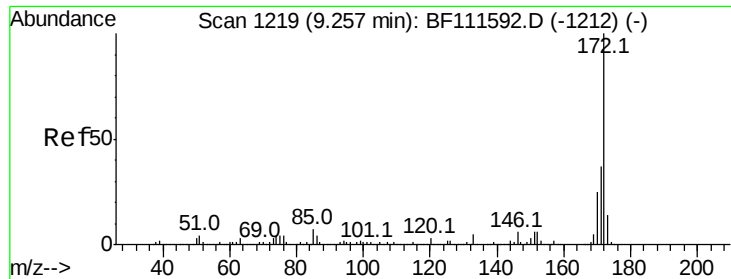
Sohil
 1/3/2019 10:59:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.522 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327868		
198	95.7	72.9	109.3	
97	49.0	45.3	67.9	
132	26.8	25.5	38.3	





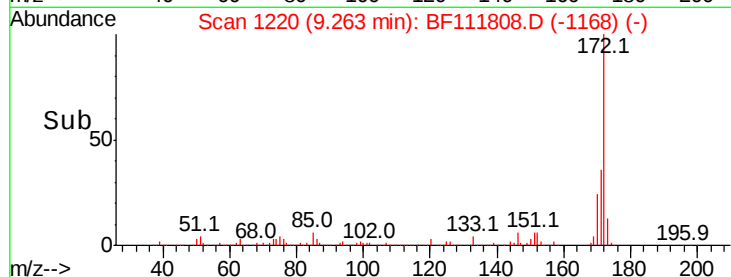
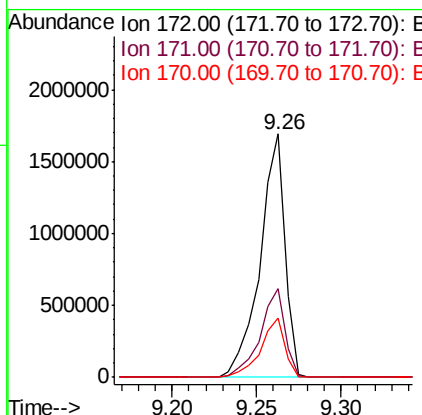
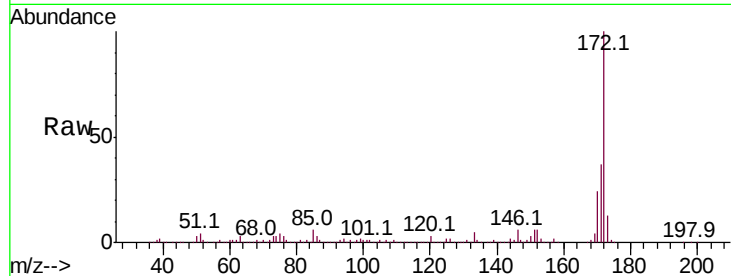
#45
2-Fluorobiphenyl
Concen: 71.717 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion:172 Resp: 1726236
Ion Ratio Lower Upper
172 100
171 36.5 33.0 49.4
170 24.1 22.3 33.5

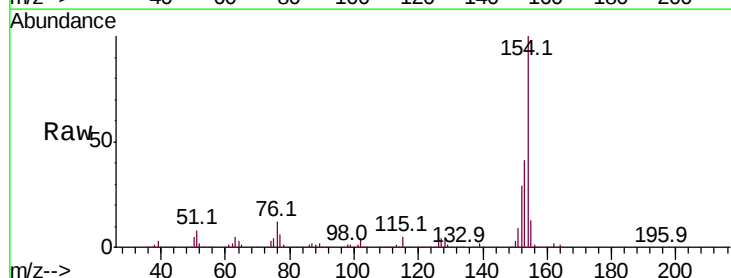
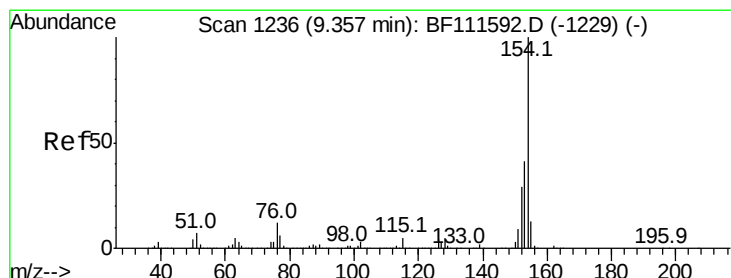
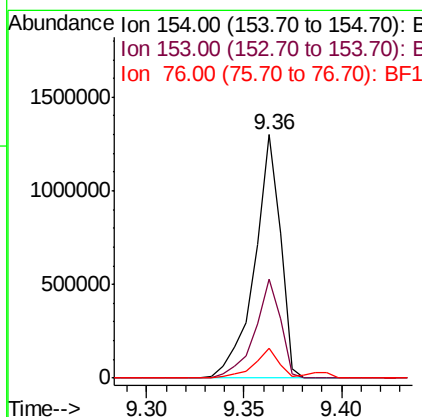
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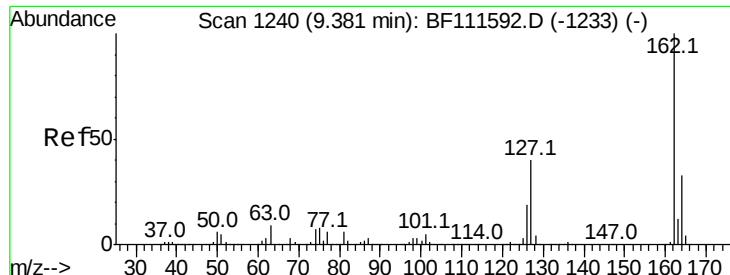
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#46
1,1'-Biphenyl
Concen: 40.196 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion:154 Resp: 1190456
Ion Ratio Lower Upper
154 100
153 40.7 23.7 63.7
76 12.4 0.0 35.0





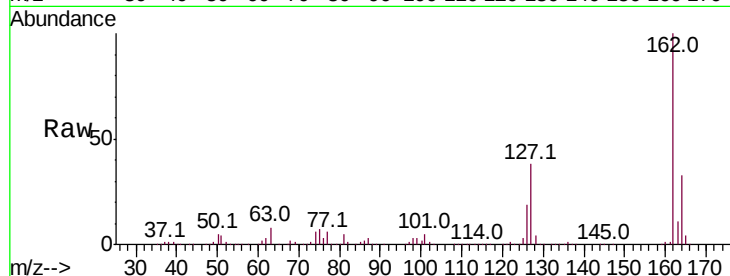
#47
2-Chloronaphthalene
Concen: 40.125 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	35.0	52.4
164	33.5	28.4	42.6

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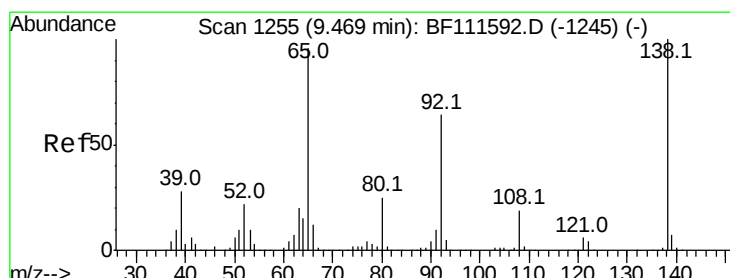
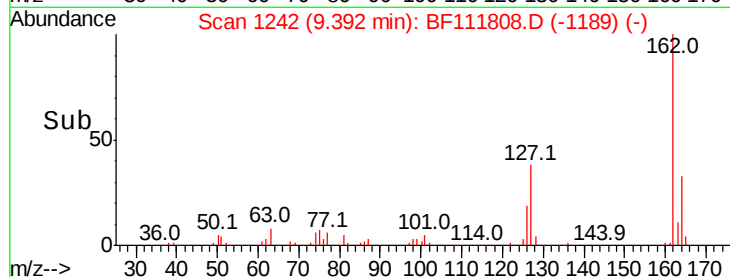
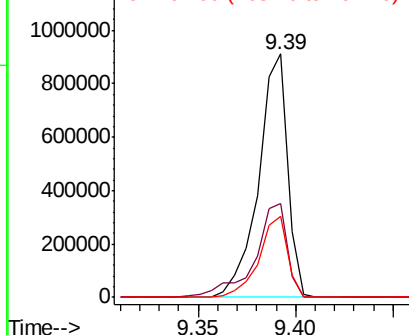


Abundance

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: 48.083 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

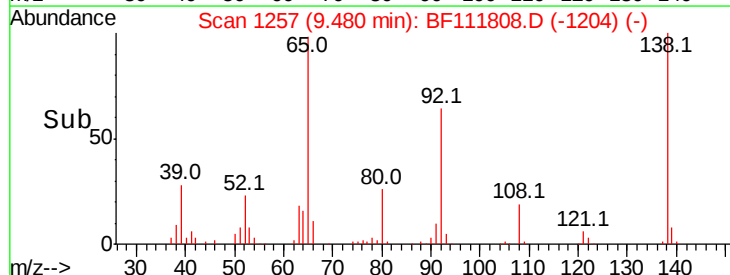
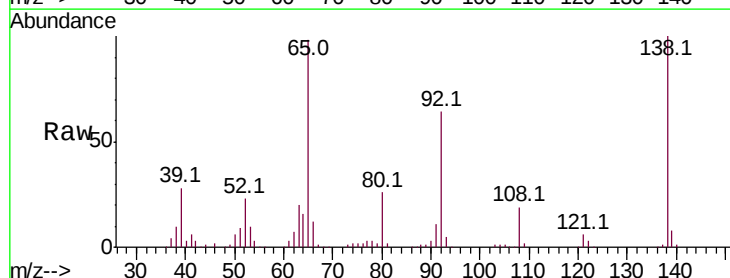
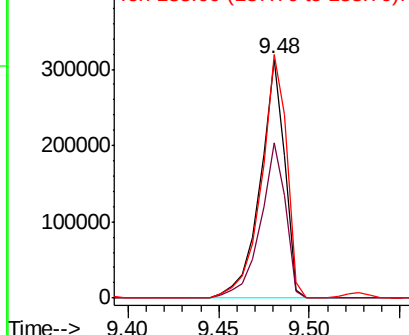
Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	53.5	80.3
138	102.0	80.9	121.3

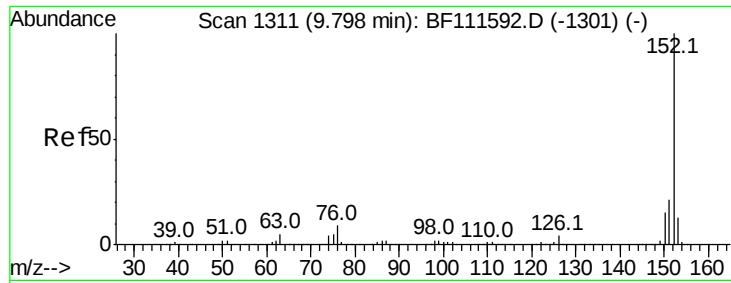
Abundance

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





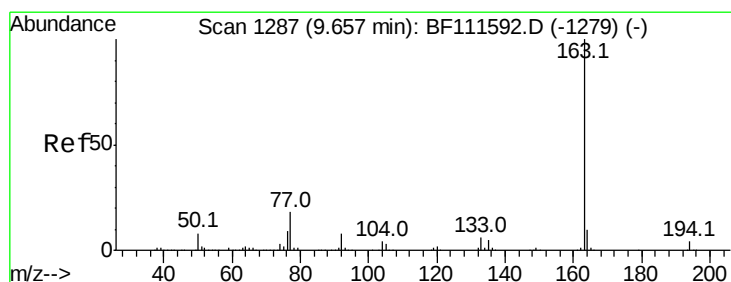
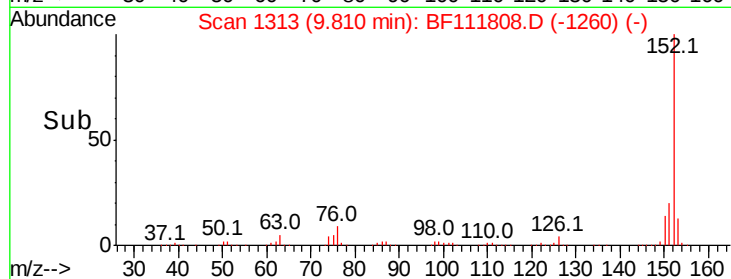
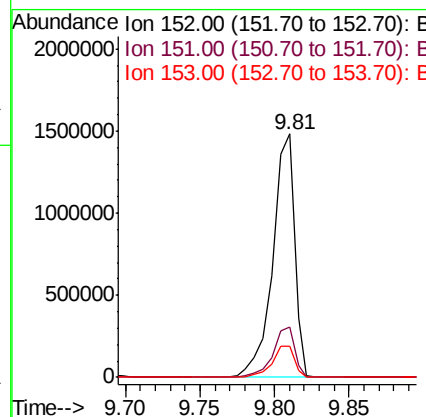
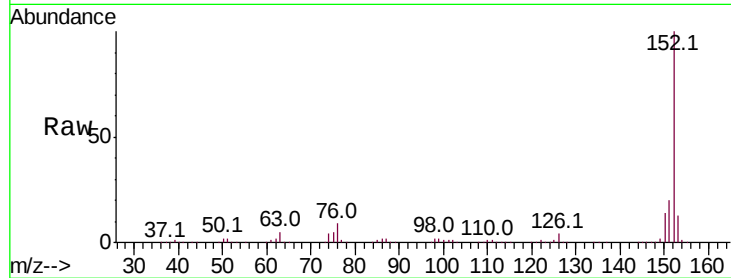
#49
Acenaphthylene
Concen: 43.746 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	18.0	27.0
153	12.9	12.3	18.5

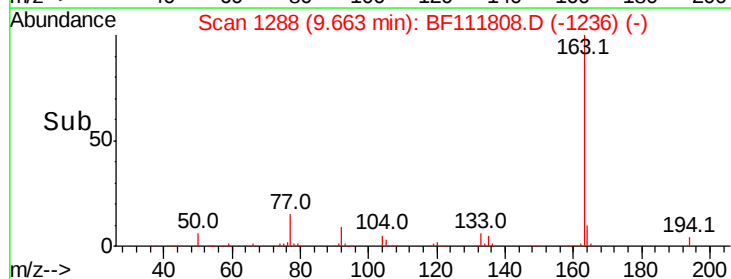
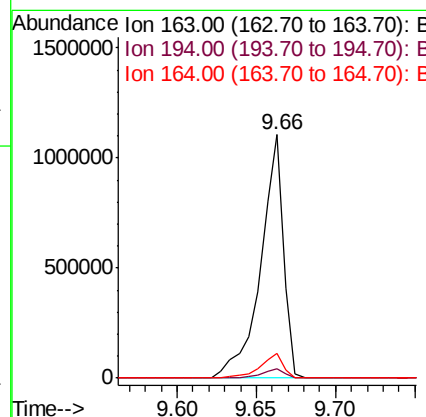
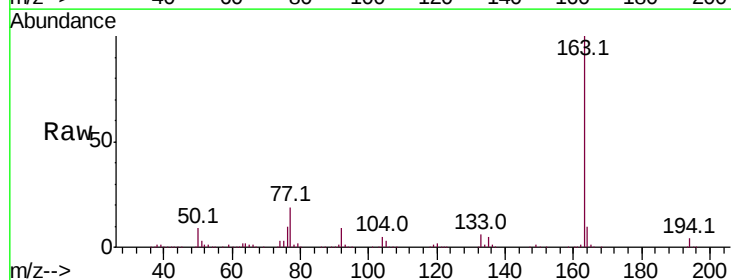
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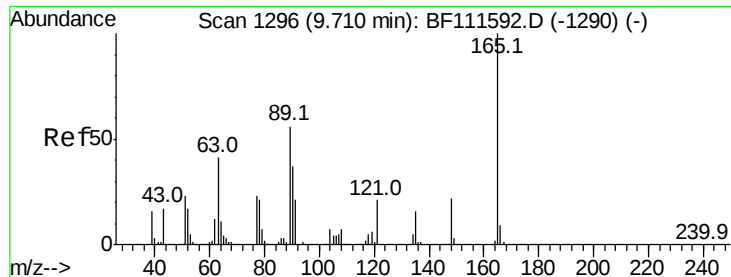
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#50
Dimethylphthalate
Concen: 43.318 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.2	8.9	13.3





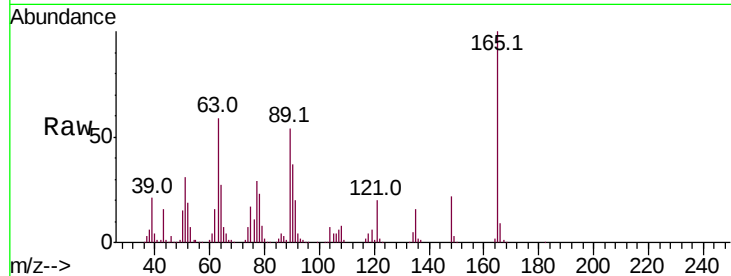
#51
2,6-Dinitrotoluene
Concen: 48.719 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

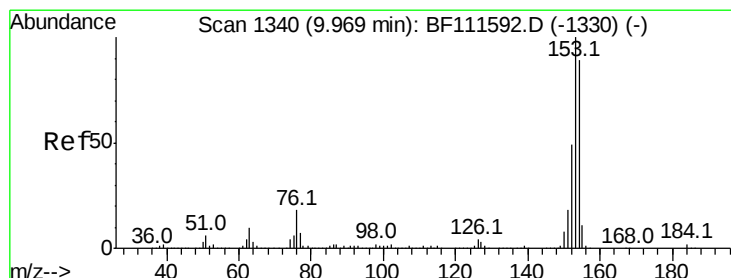
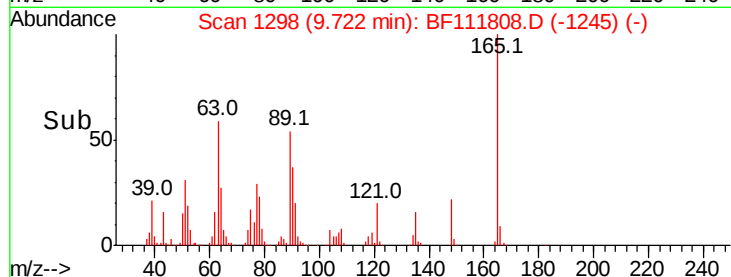
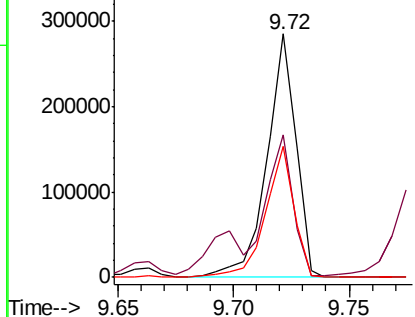
Tot Ion	Ratio	Resp	Lower	Upper
165	100	249235		
63	58.7	40.5	60.7	
89	53.9	40.0	60.0	

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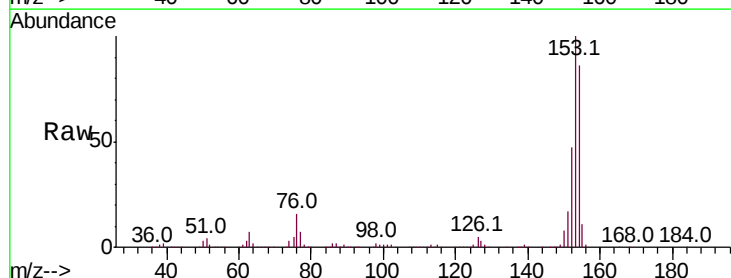


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

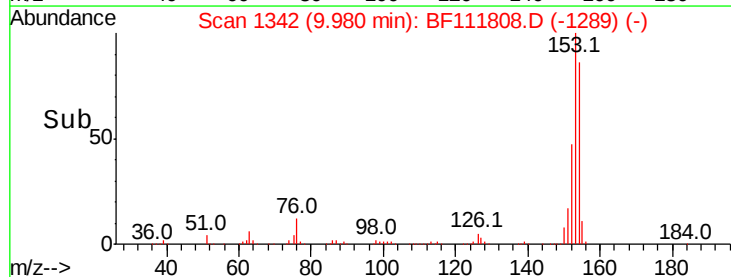
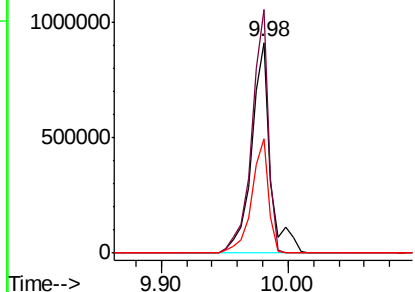


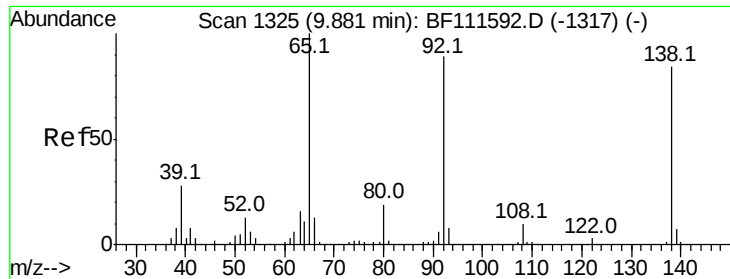
#52
Acenaphthene
Concen: 44.517 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	940643		
153	115.7	87.8	131.8	
152	54.0	43.4	65.2	



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





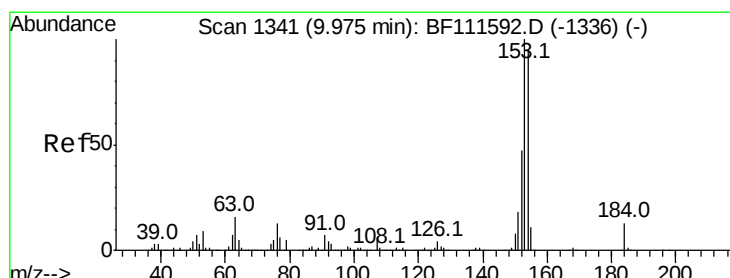
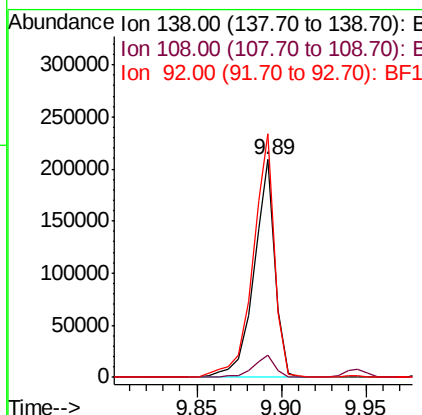
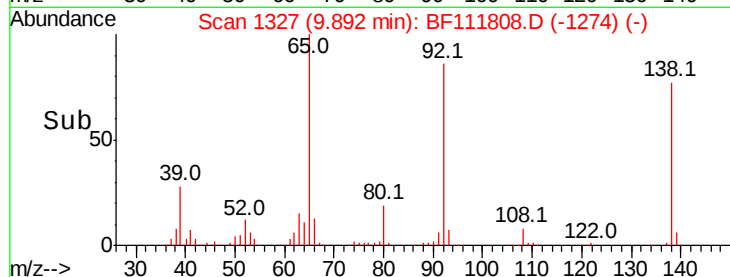
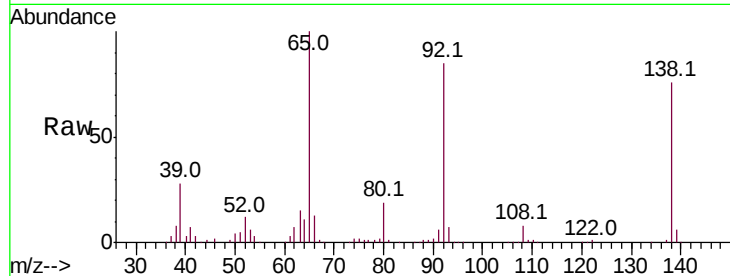
#53
3-Nitroaniline
Concen: 33.193 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.2	12.4
92	111.8	93.4	140.2

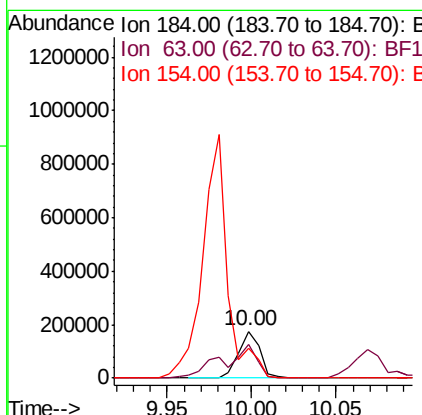
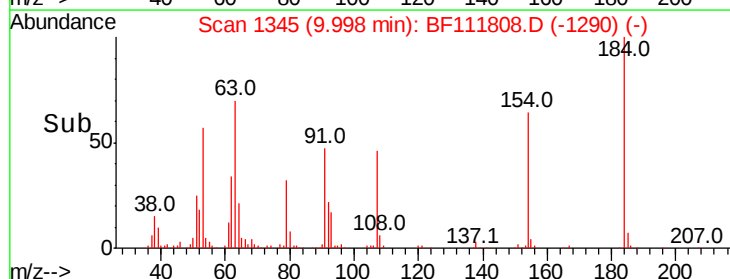
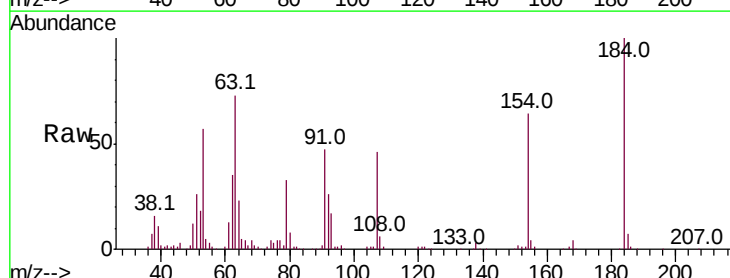
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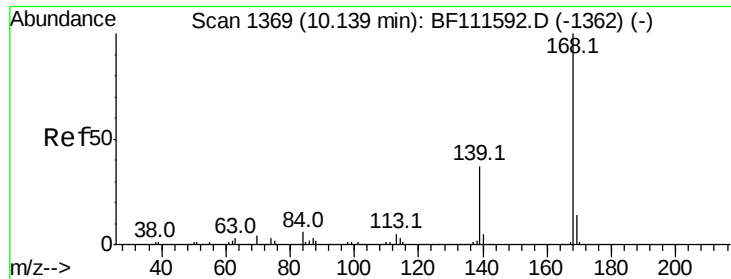
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#54
2,4-Dinitrophenol
Concen: 94.044 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.6	62.3	93.5
154	64.0	56.2	84.2





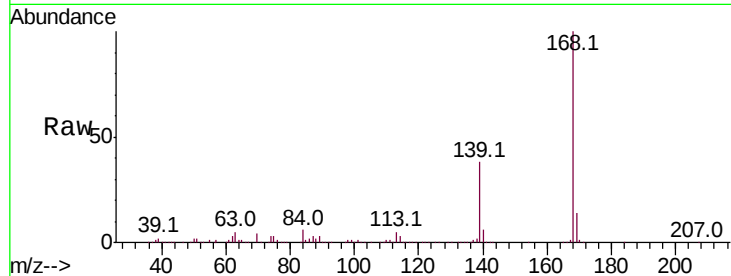
#55
Dibenzofuran
Concen: 41.680 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	32.6	49.0
169	13.6	11.8	17.6

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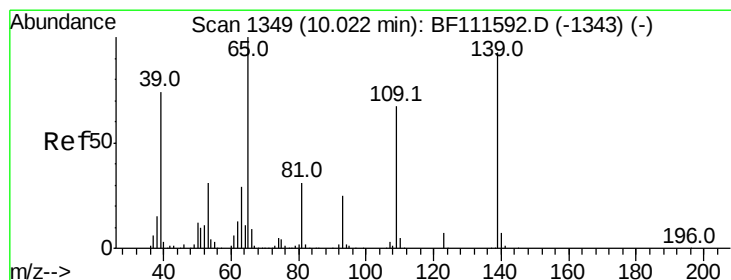
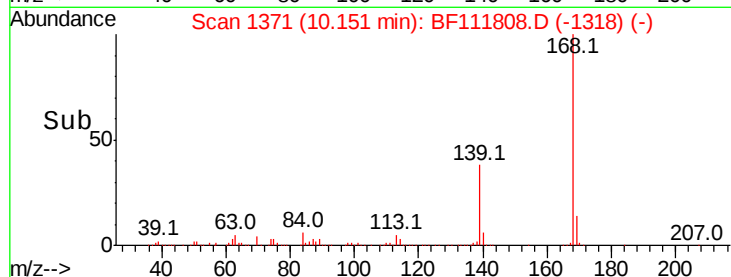
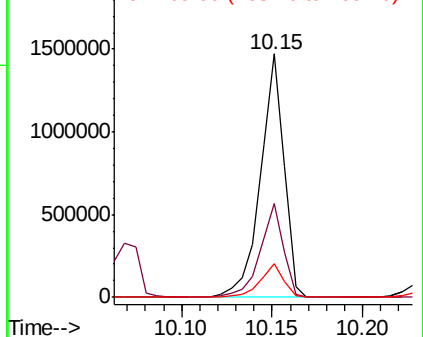


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 89.610 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

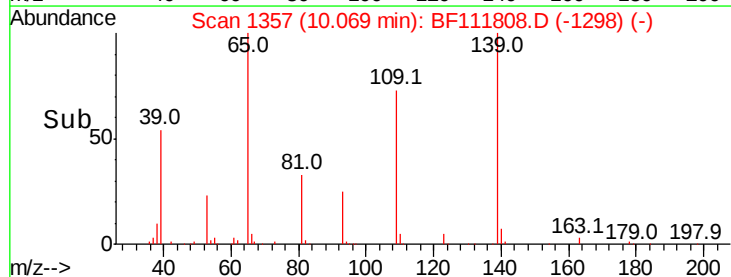
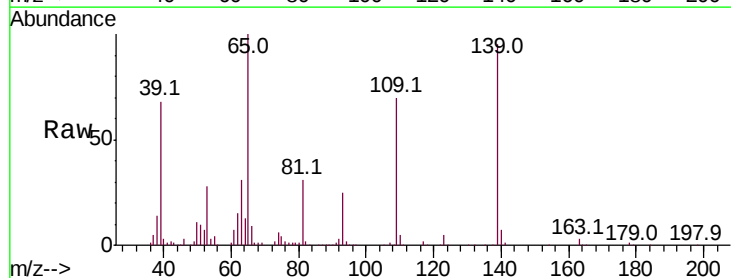
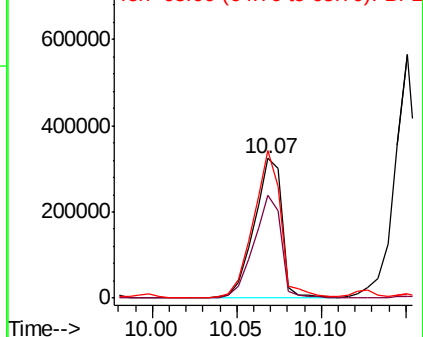
Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.9	41.8	81.8
65	105.6	79.6	119.6

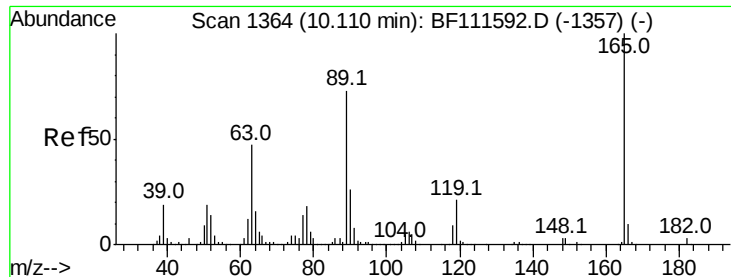
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





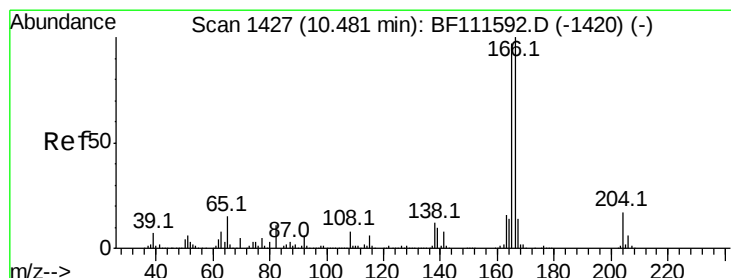
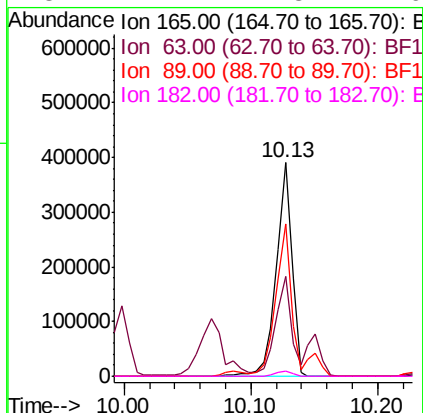
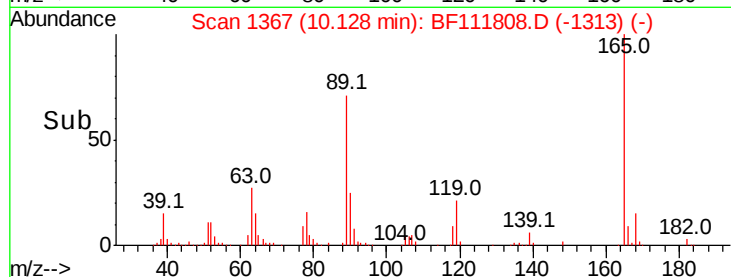
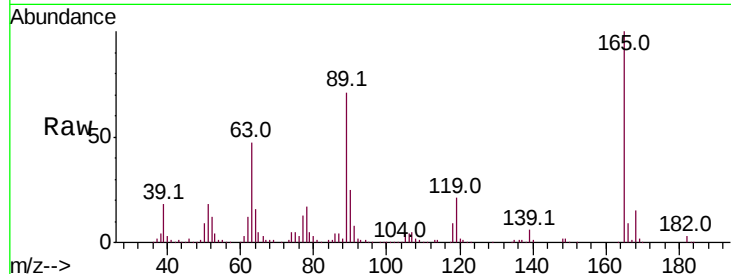
#57
2,4-Dinitrotoluene
Concen: 54.308 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.5	34.6	52.0	
89	71.1	56.2	84.4	
182	2.7	1.8	2.6	

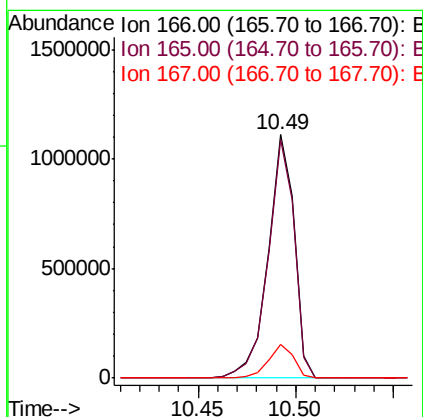
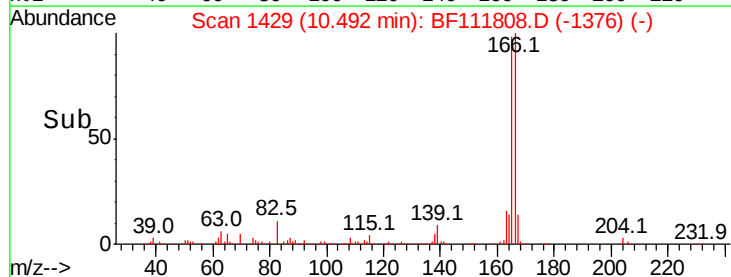
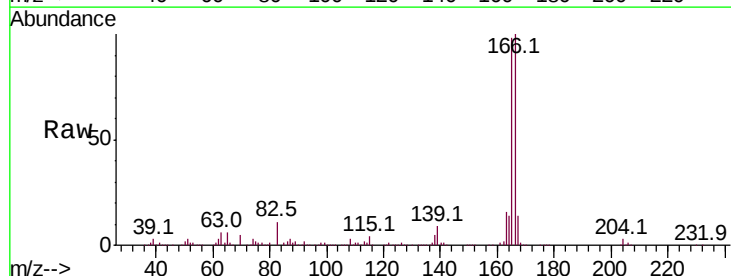
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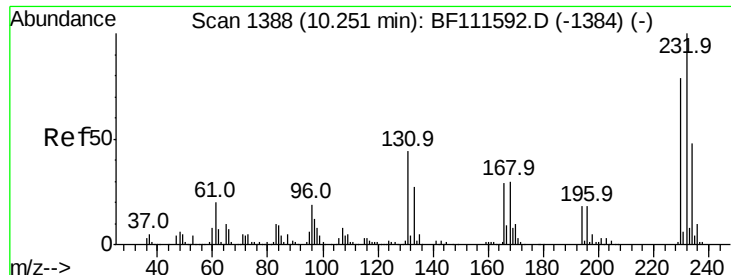
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#58
Fluorene
Concen: 45.034 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.8	78.4	117.6	
167	13.8	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.563 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

PB116049BS

Tot Ion:232 Resp: 289487

Ion Ratio Lower Upper

232 100

131 43.2 40.9 61.3

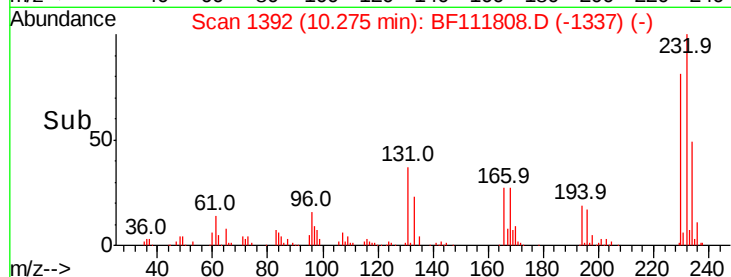
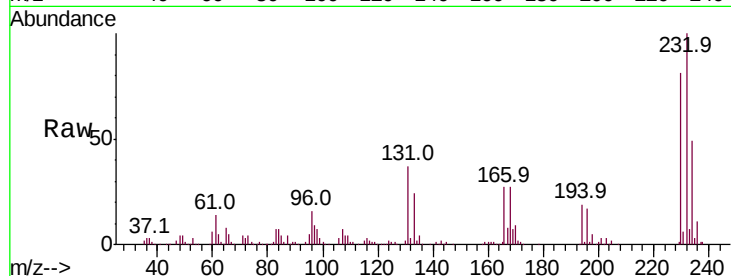
130 2.1 2.0 3.0

166 29.3 26.8 40.2

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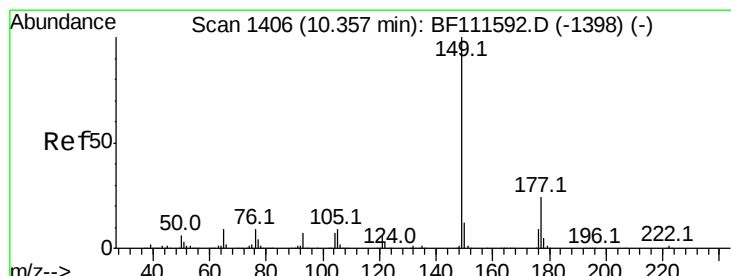
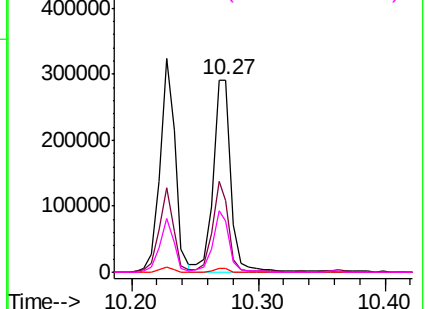


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.090 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

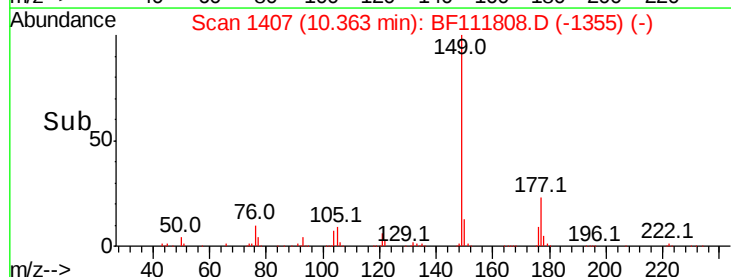
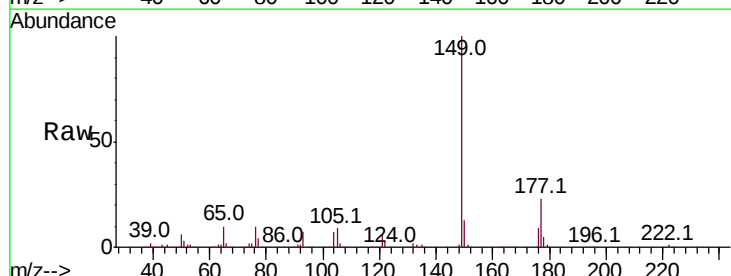
Tgt Ion:149 Resp: 1084441

Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

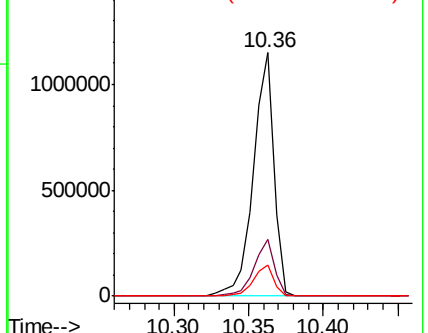
150 12.6 10.6 15.8

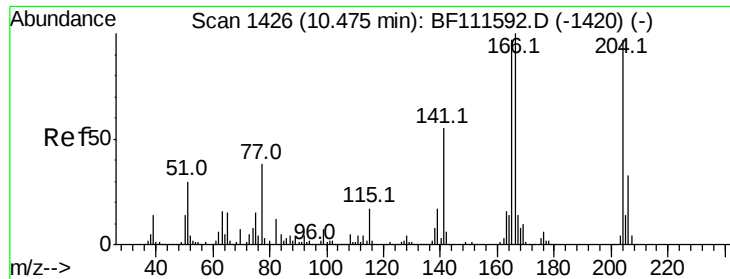


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 40.879 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleID :

PB116049BS

Tot Ion:204 Resp: 519529

Ion Ratio Lower Upper

204 100

206 34.3 26.6 39.8

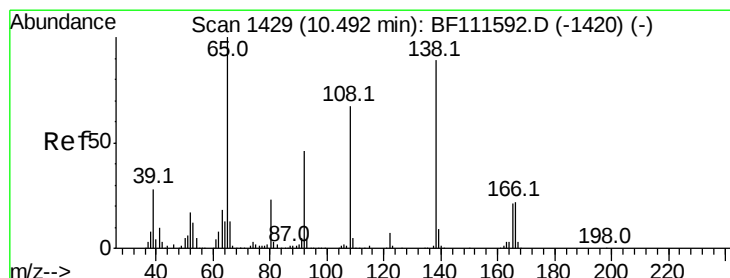
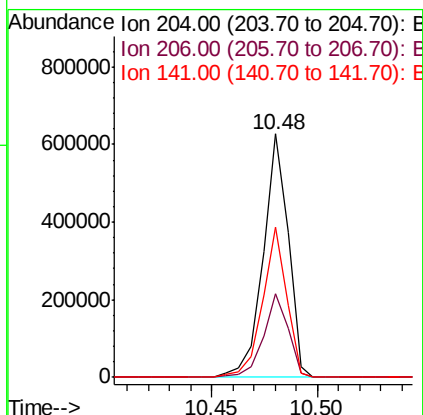
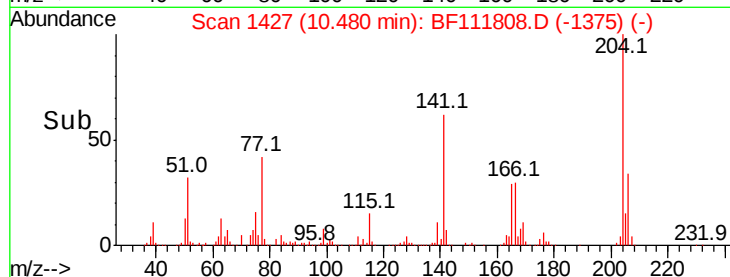
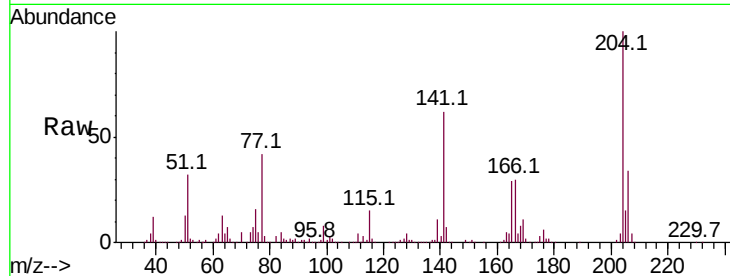
141 61.7 52.6 78.8

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#62

4-Nitroaniline

Concen: 47.359 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

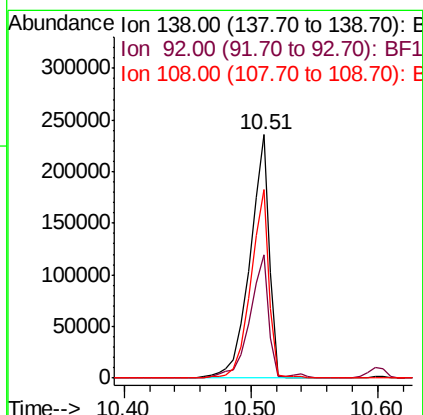
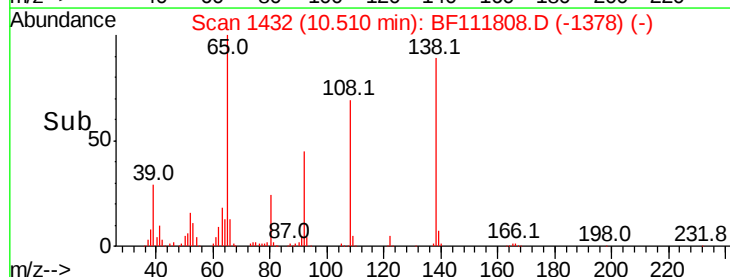
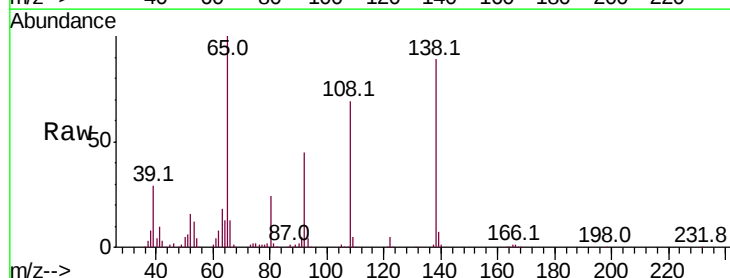
Tgt Ion:138 Resp: 251132

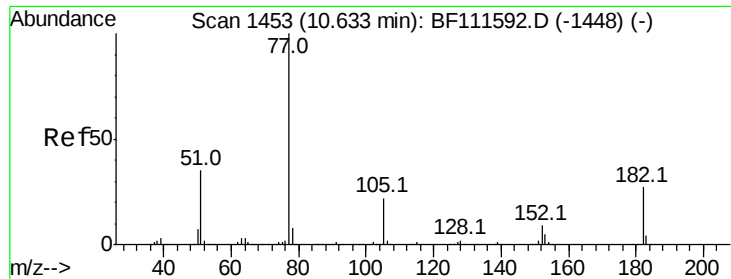
Ion Ratio Lower Upper

138 100

92 50.7 29.9 69.9

108 77.3 43.2 83.2





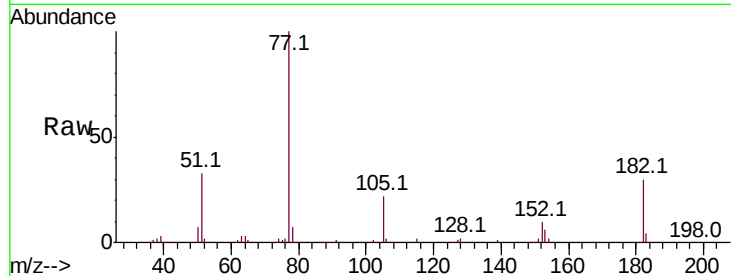
#63
Azobenzene
Concen: 40.581 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

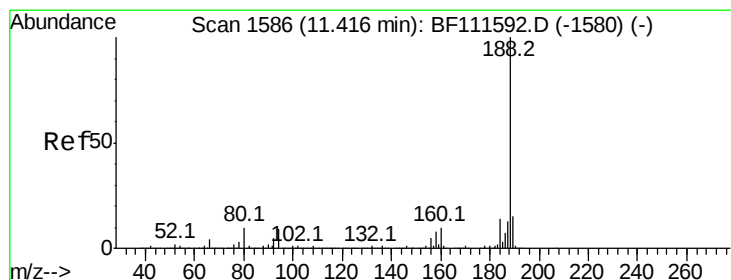
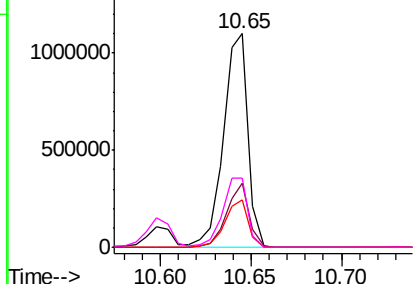
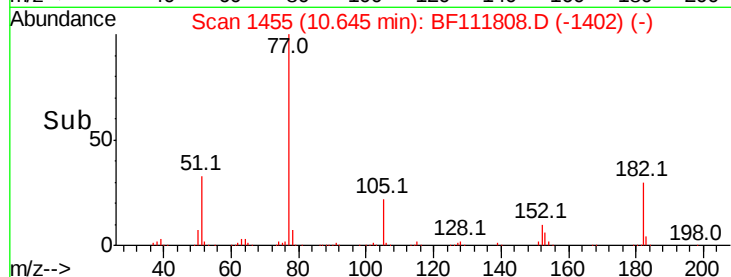
Tot Ion: 77 Resp: 1025313
Ion Ratio Lower Upper
77 100
182 29.9 4.9 44.9
105 22.1 6.0 46.0
51 32.6 14.7 54.7

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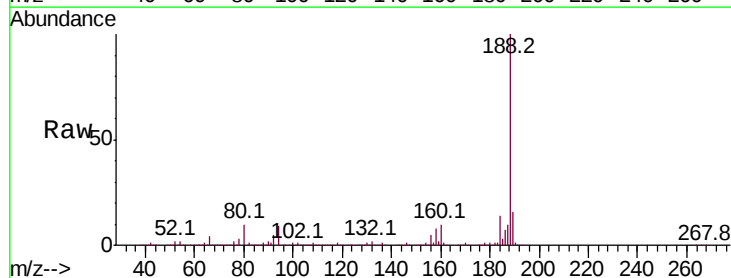


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

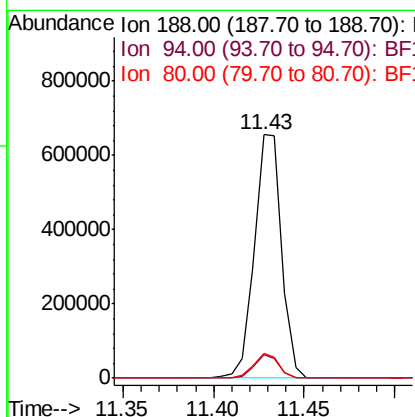
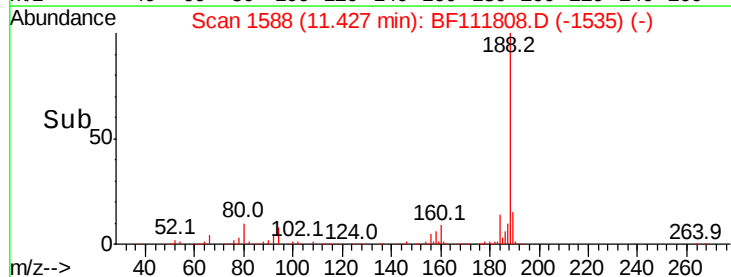


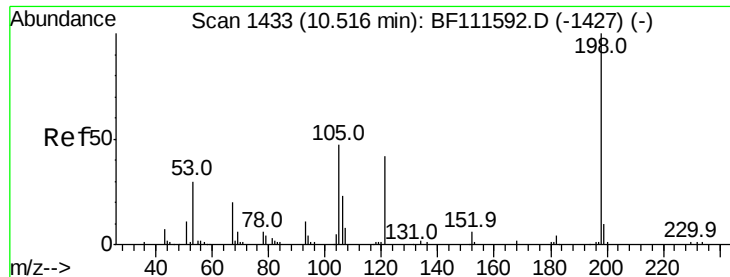
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion: 188 Resp: 679381
Ion Ratio Lower Upper
188 100
94 9.4 9.6 14.4#
80 10.2 9.8 14.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 46.482 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

PB116049BS

Tot Ion:198 Resp: 129824

Ion Ratio Lower Upper

198 100

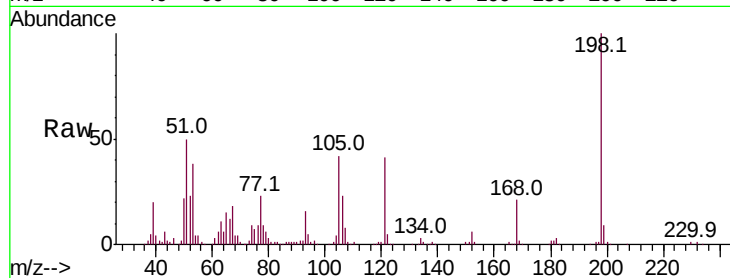
51 49.7 48.0 88.0

105 42.0 34.0 74.0

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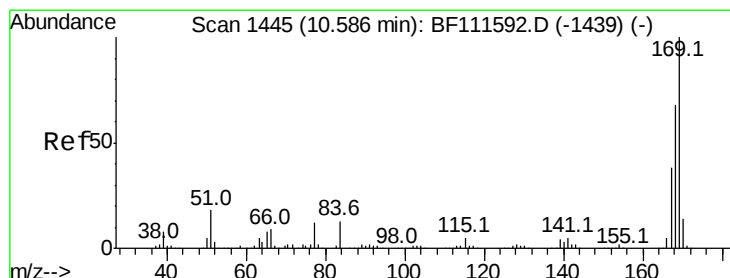
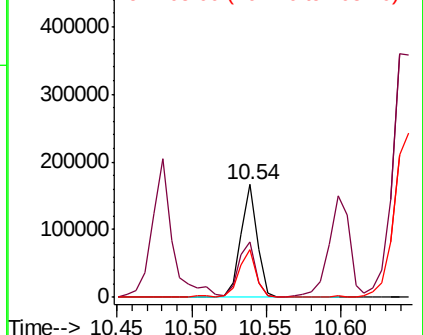
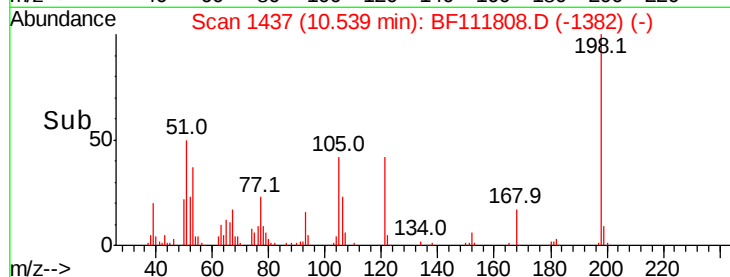
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.029 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

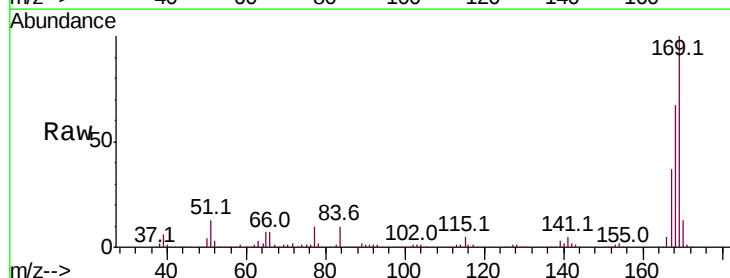
Tgt Ion:169 Resp: 912872

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

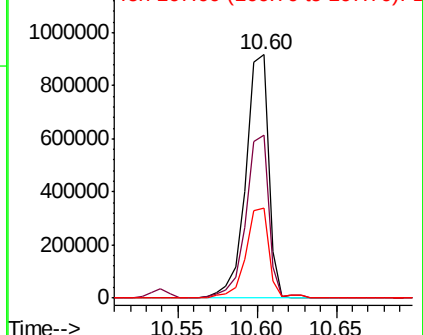
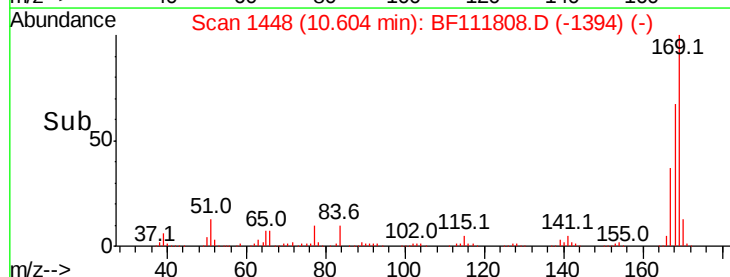
167 37.0 30.5 45.7

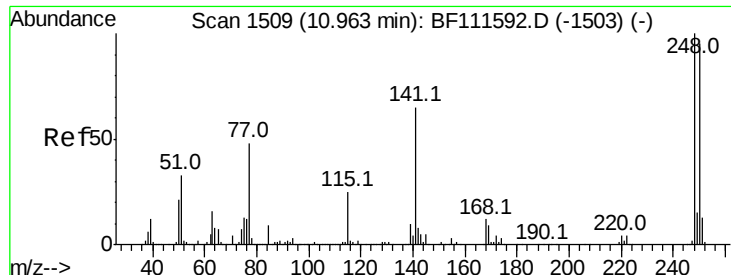


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





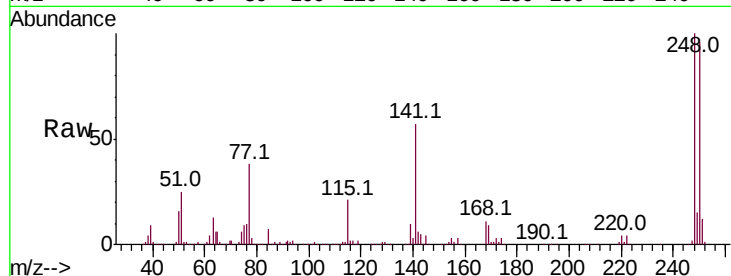
#67
4-Bromophenyl-phenylether
Concen: 40.597 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampled :
PB116049BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.4
141	57.1	63.0	94.6

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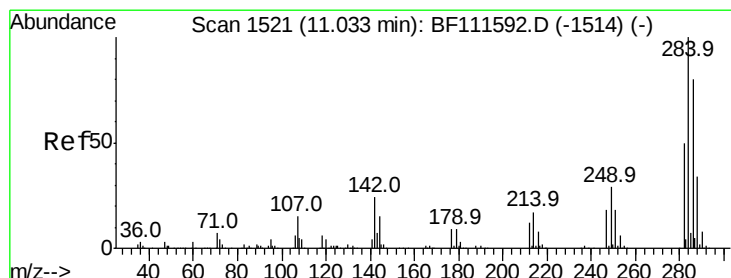
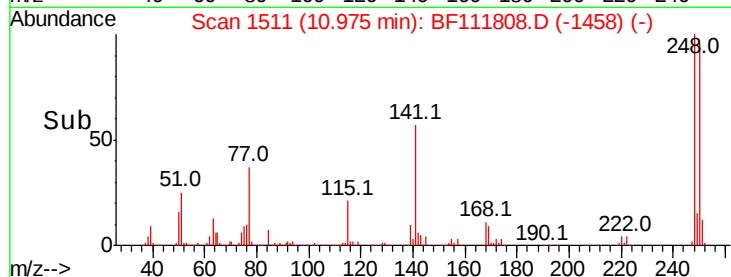
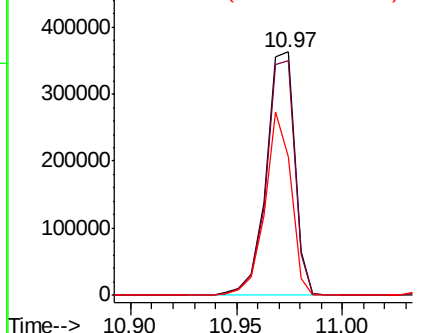


Abundance

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: 40.341 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

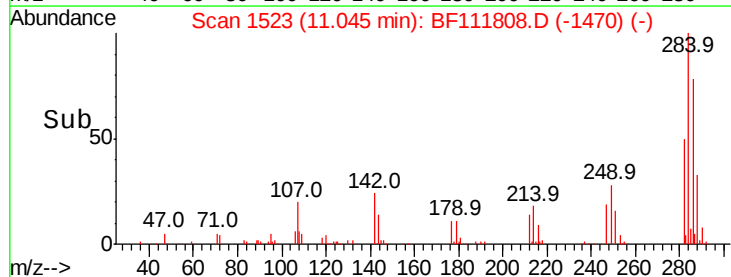
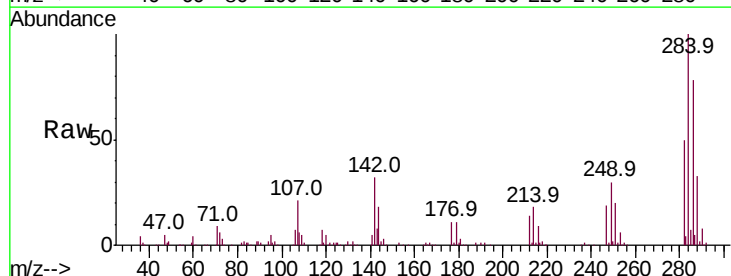
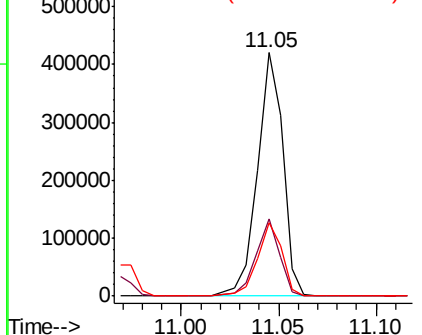
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	27.4	41.2
249	30.1	24.4	36.6

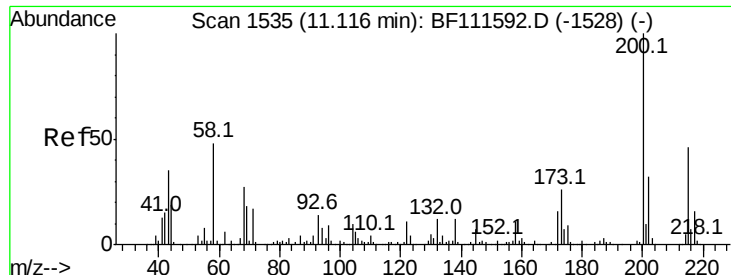
Abundance

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





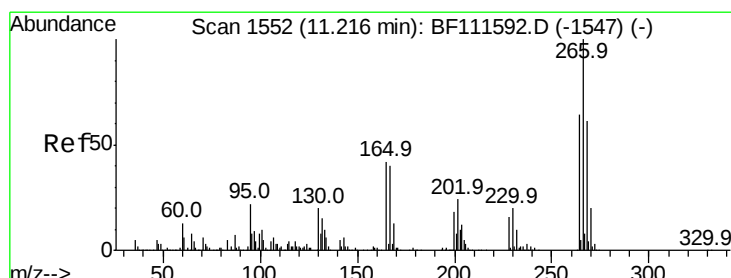
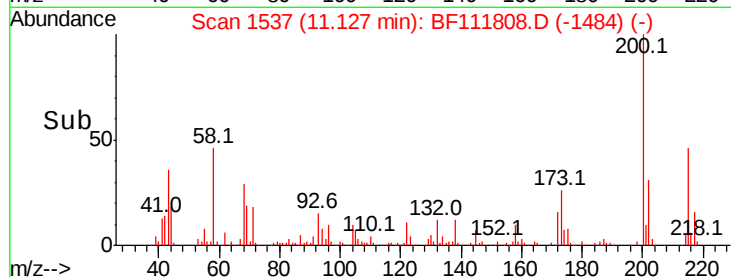
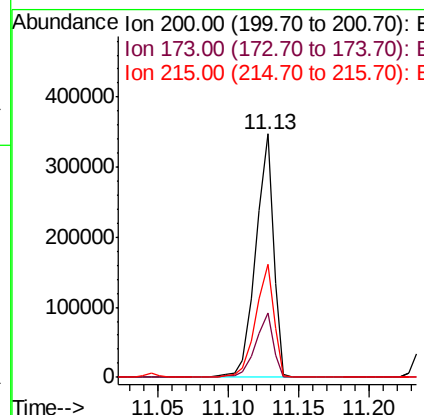
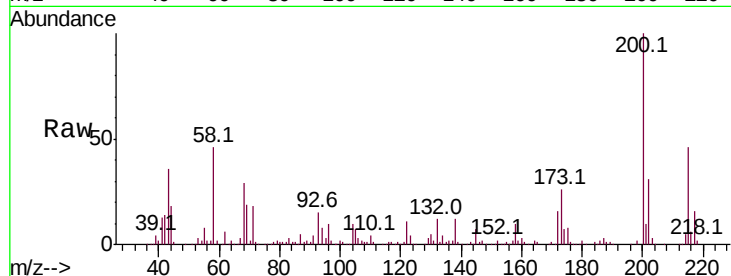
#69
Atrazine
Concen: 38.887 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.5	10.1	50.1
215	46.5	26.9	66.9

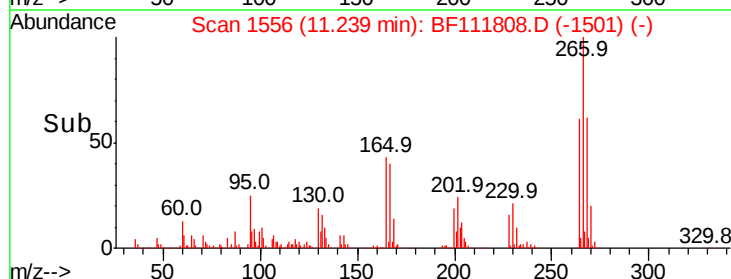
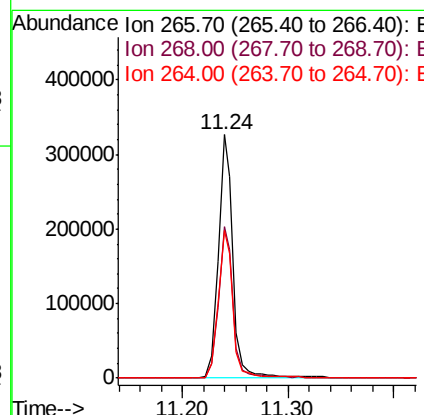
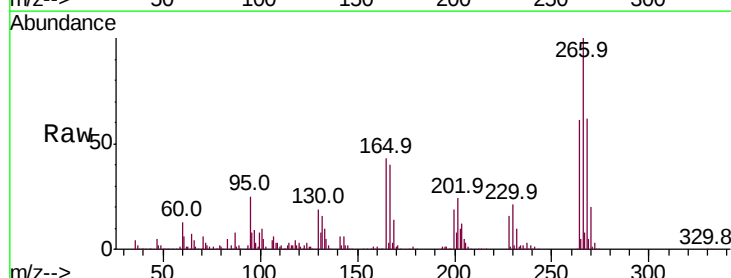
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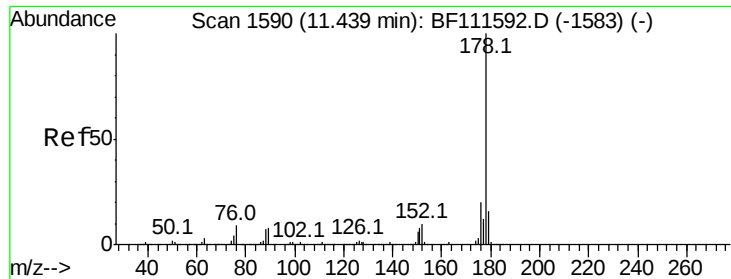
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#70
Pentachlorophenol
Concen: 55.547 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.2	47.9	71.9
264	60.8	49.1	73.7





#71

Phenanthrene

Concen: 42.327 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

PB116049BS

Tot Ion:178 Resp: 1525057

Ion Ratio Lower Upper

178 100

176 20.0 18.1 27.1

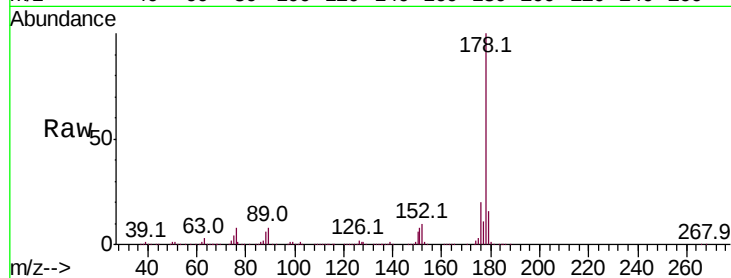
179 15.8 14.0 21.0

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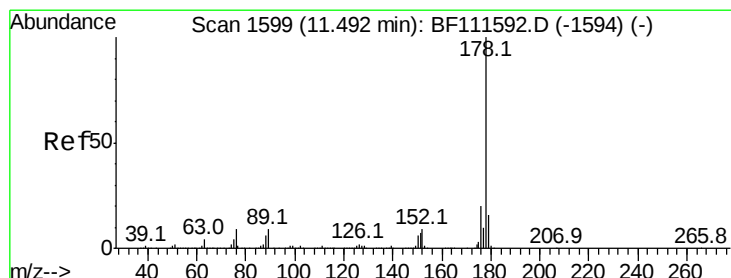
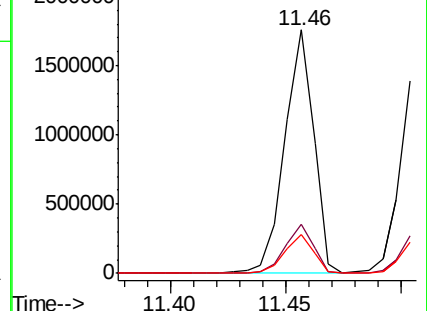
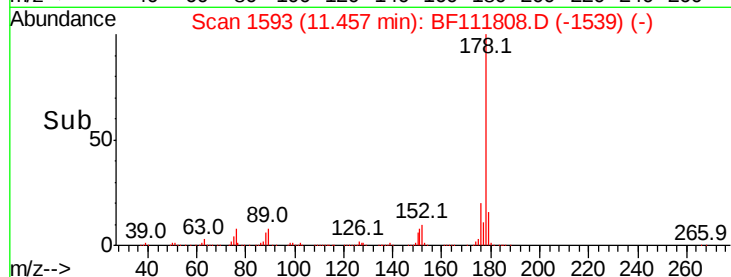
1/3/2019 10:59:33 AM



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: 43.442 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

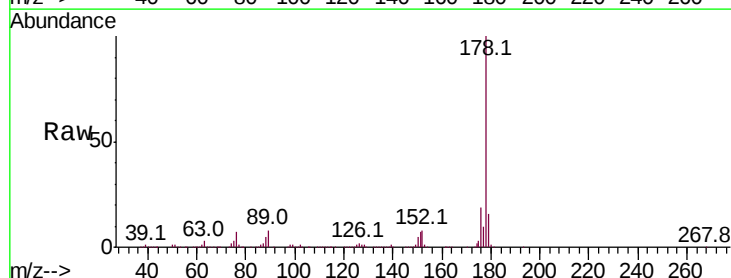
Tgt Ion:178 Resp: 1571065

Ion Ratio Lower Upper

178 100

176 19.4 17.2 25.8

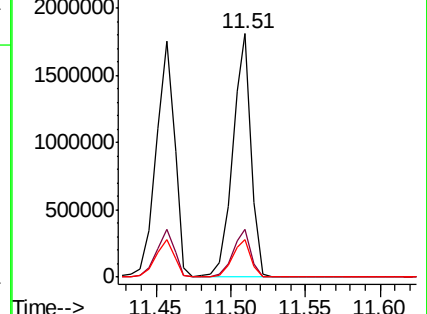
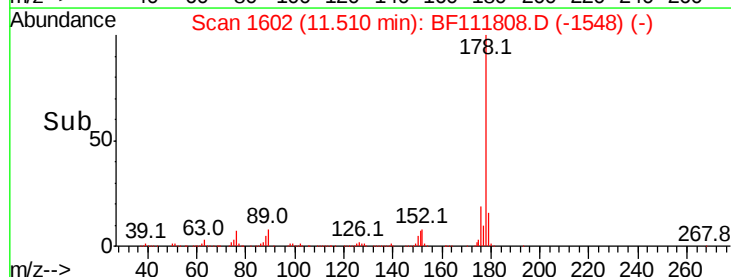
179 15.6 13.8 20.8

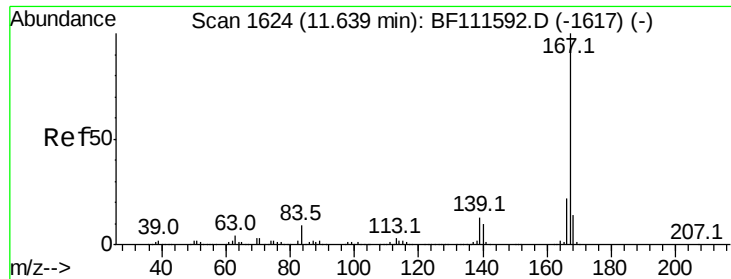


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





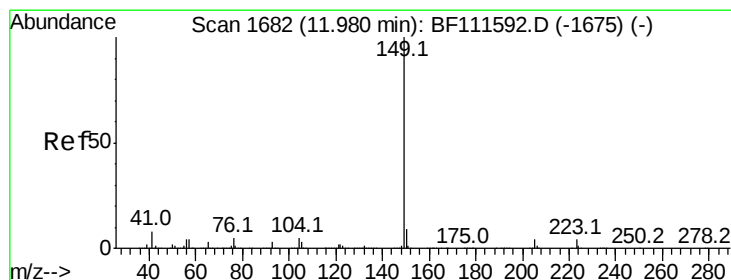
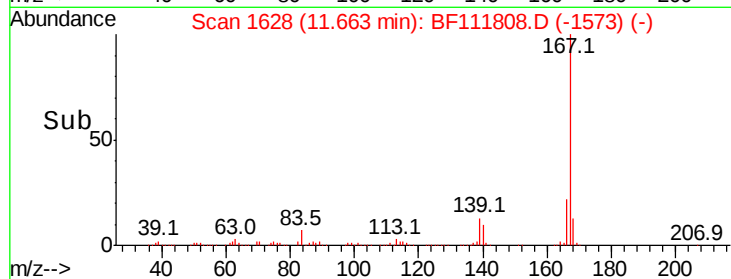
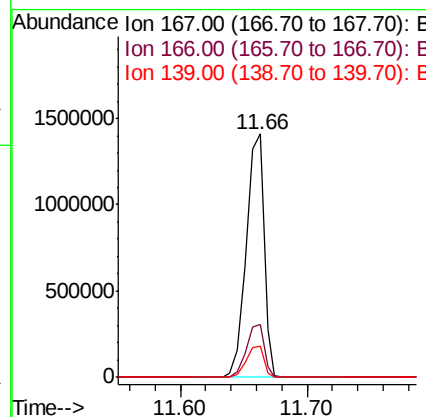
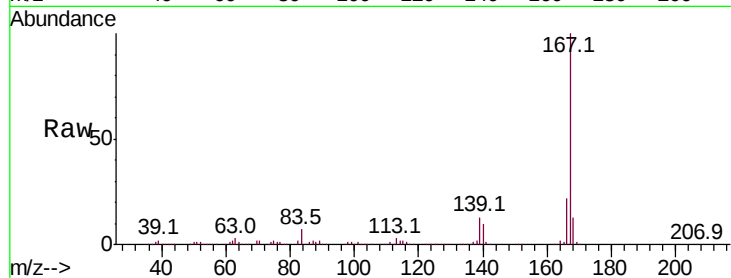
#73
 Carbazole
 Concen: 38.771 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	19.3	28.9
139	12.8	11.9	17.9

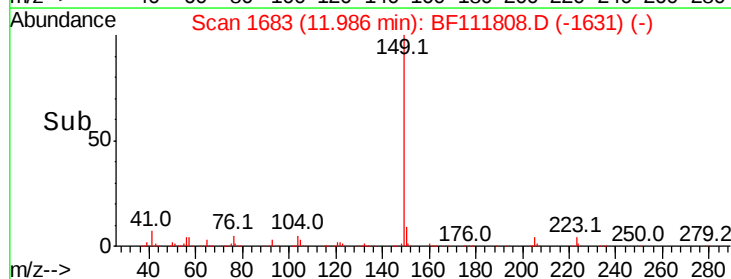
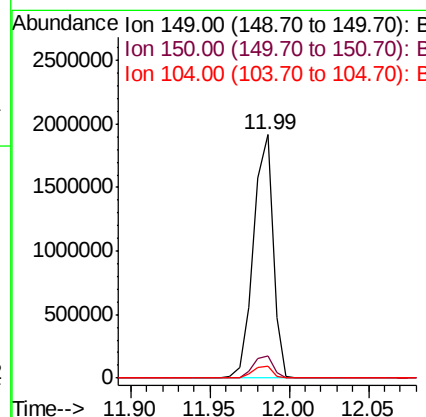
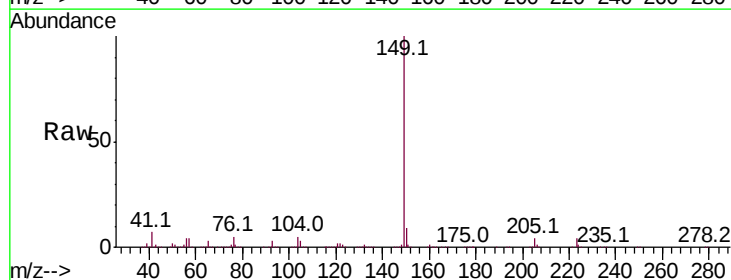
Manual Integrations
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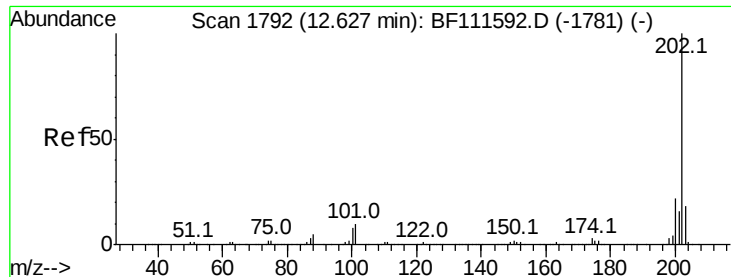
Sohil
 1/3/2019 10:59:33 AM



#74
 Di-n-butylphthalate
 Concen: 41.708 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.8	13.2
104	4.8	4.5	6.7





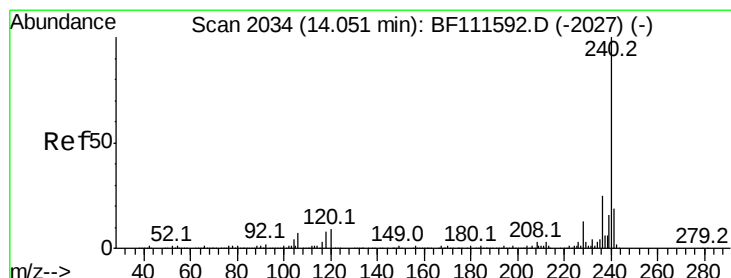
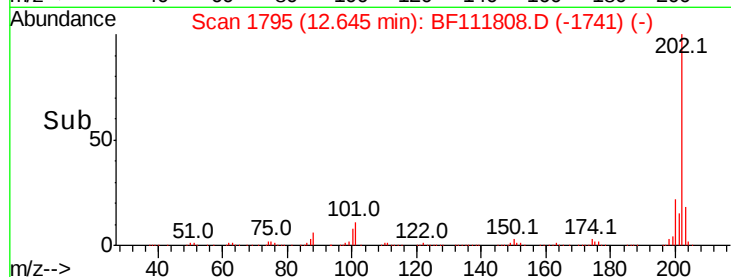
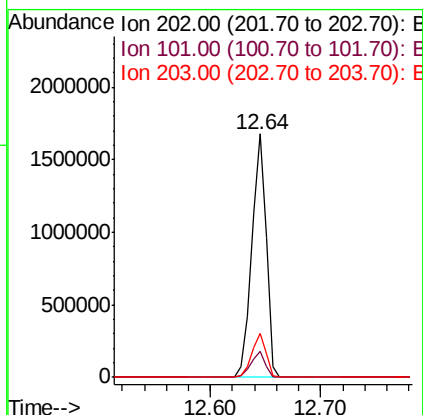
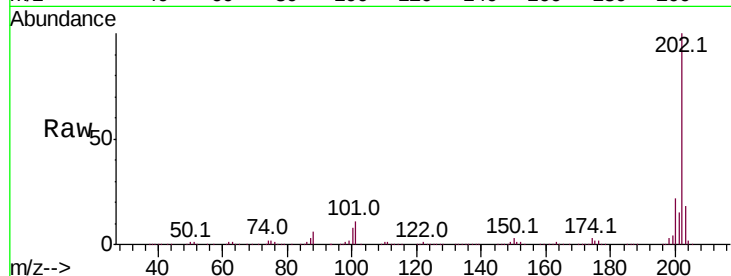
#75
Fluoranthene
 Concen: 42.221 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.8
203	18.2	0.0	38.6

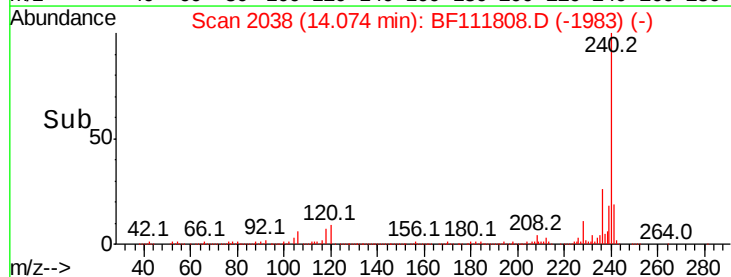
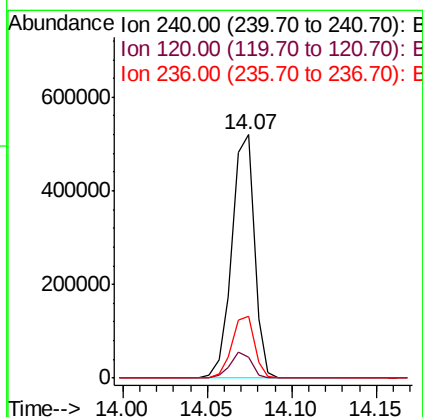
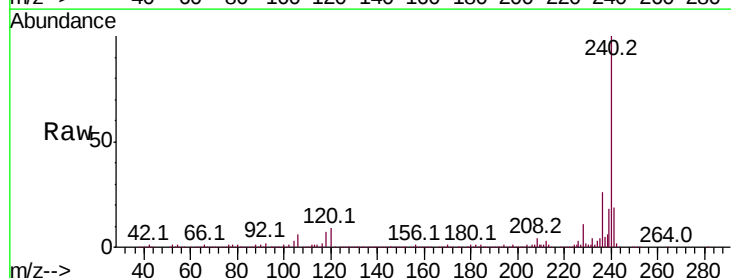
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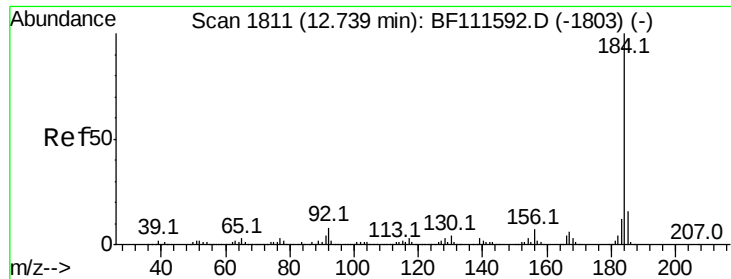
Sohil
 1/3/2019 10:59:33 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.02 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	12.2	18.2#
236	25.6	20.2	30.2





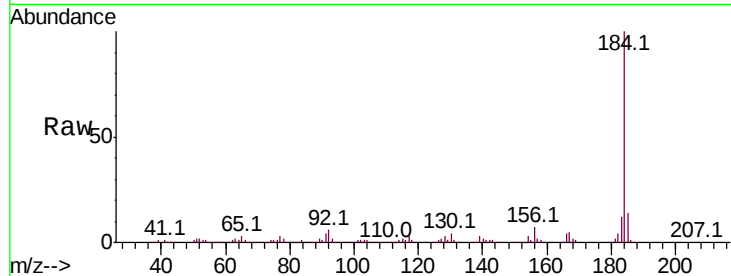
#77
Benzidine
Concen: 28.993 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

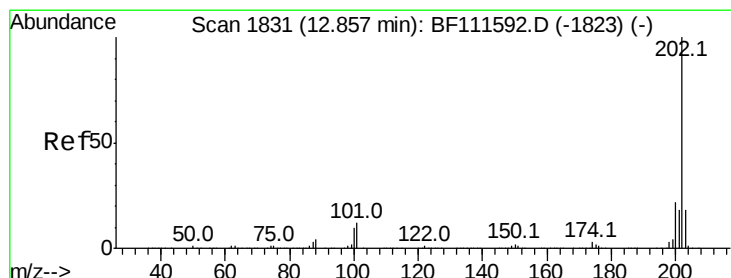
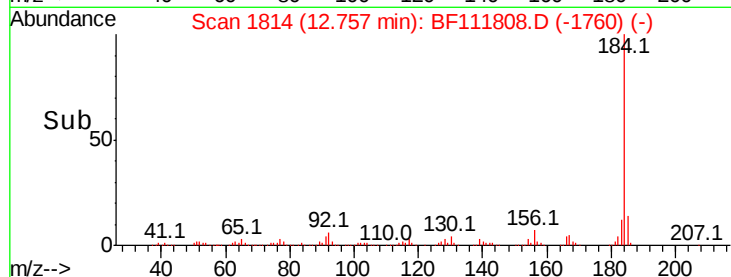
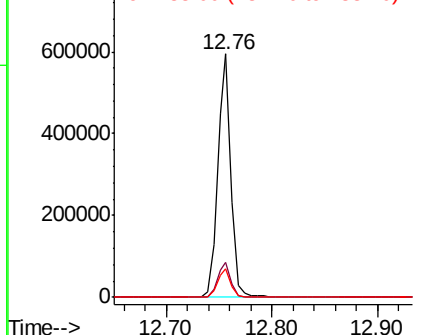
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.0	19.6
183	11.7	9.3	13.9

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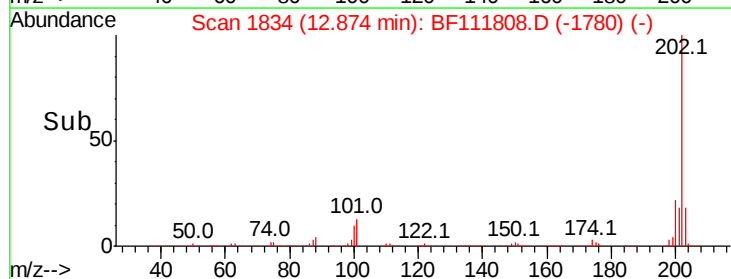
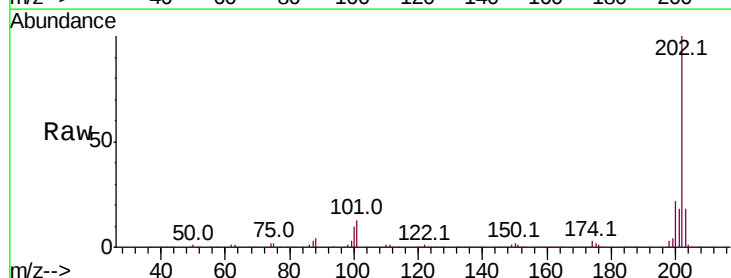
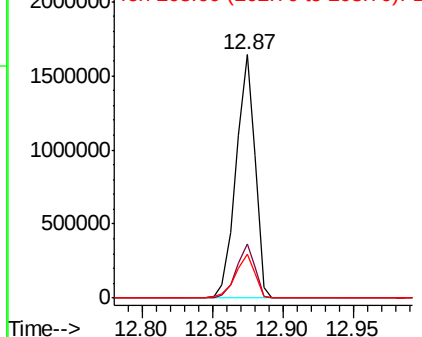
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

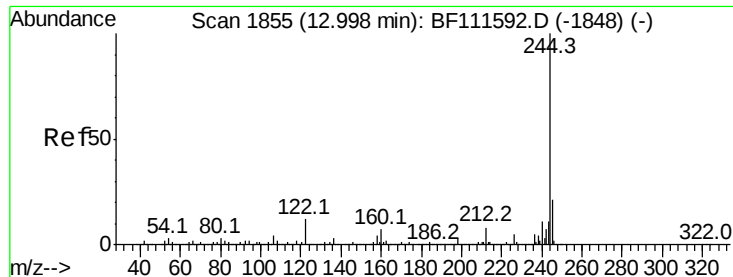


#78
Pyrene
Concen: 45.182 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.0	28.4
203	18.0	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





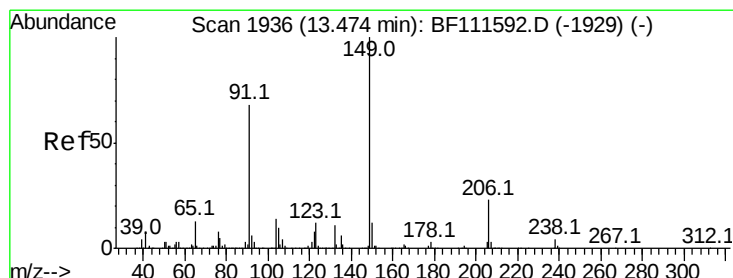
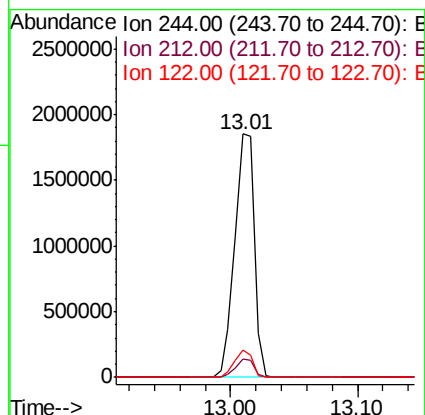
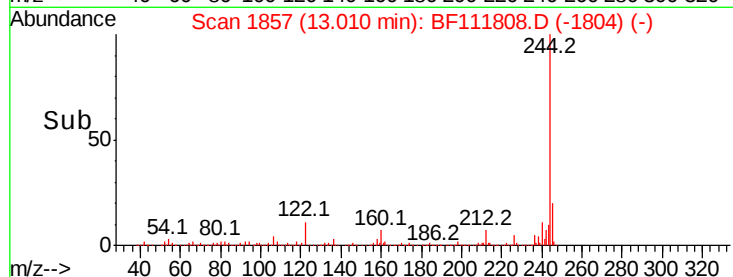
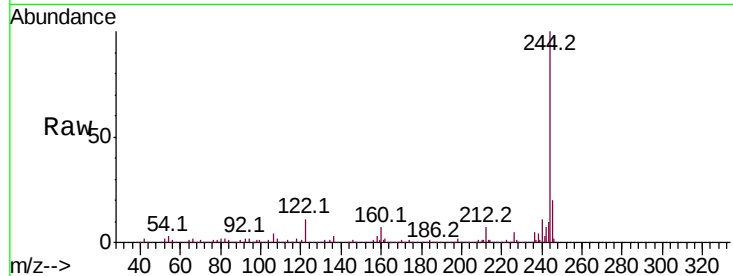
#79
 Terphenyl-d14
 Concen: 77.349 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.4	13.1	19.7

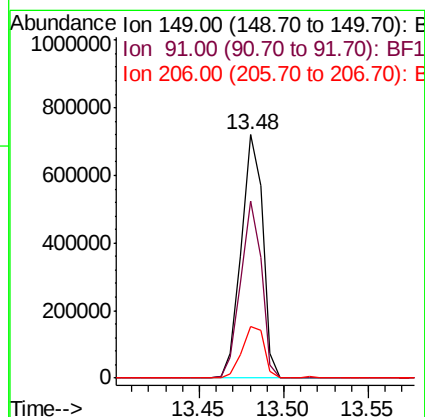
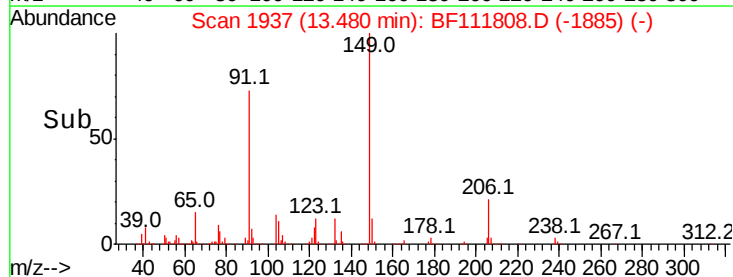
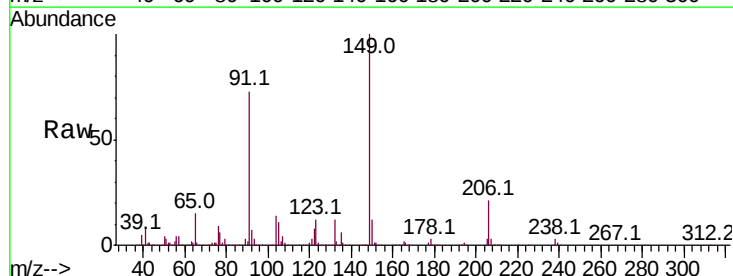
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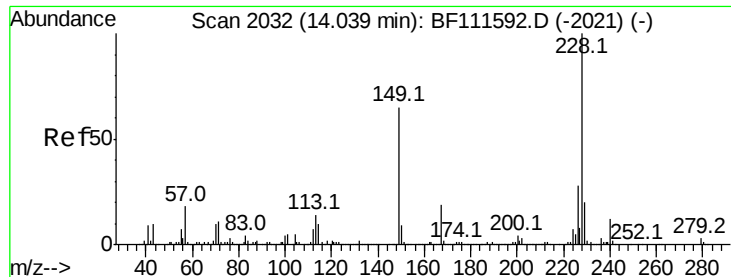
Sohil
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#80
 Butylbenzylphthalate
 Concen: 46.323 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: BF111808.D
 Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.9	63.8	95.6
206	21.0	15.1	22.7





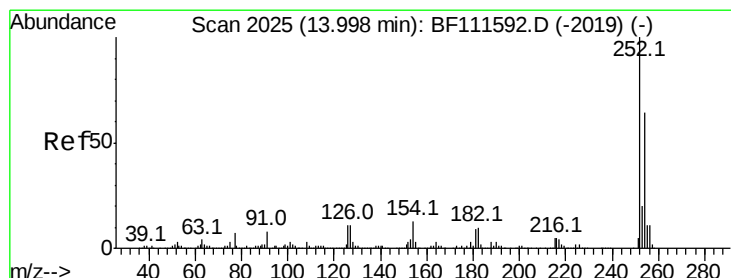
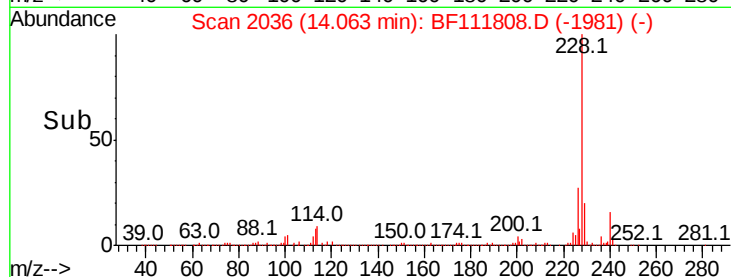
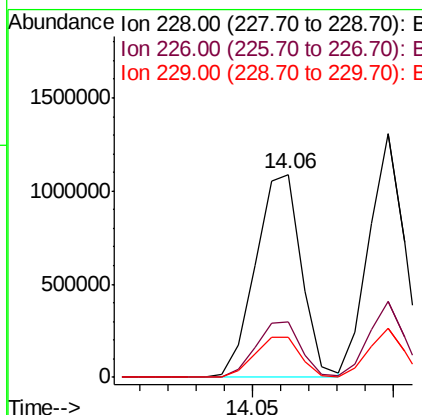
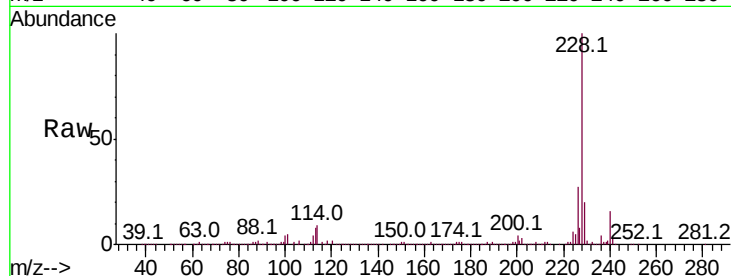
#81
Benzo(a)anthracene
Concen: 44.899 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	19.6	16.3	24.5

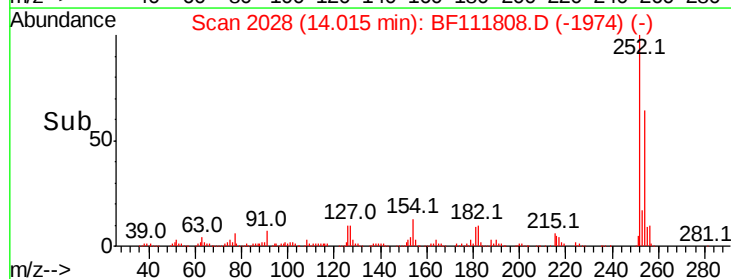
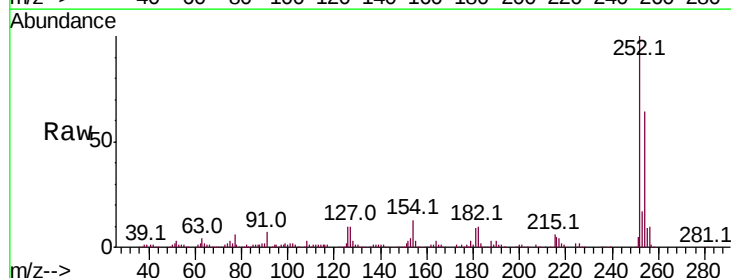
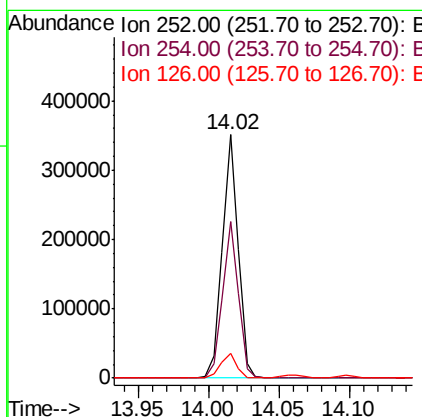
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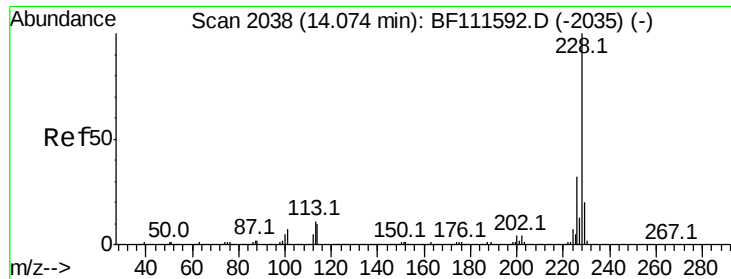
Sohil
1/3/2019 10:59:33 AM



#82
3,3'-Dichlorobenzidine
Concen: 25.468 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.7	79.1
126	10.1	11.1	16.7#





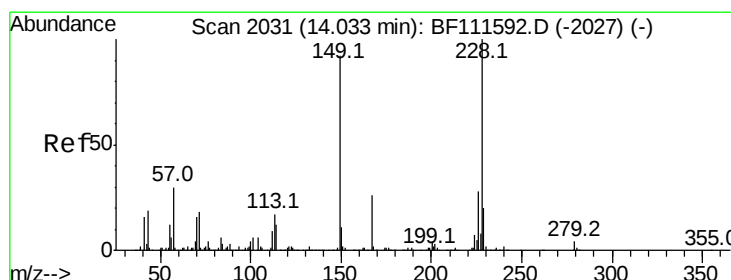
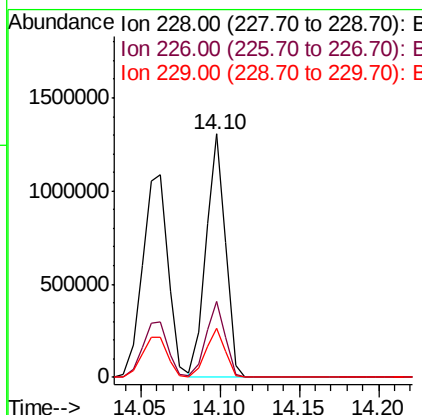
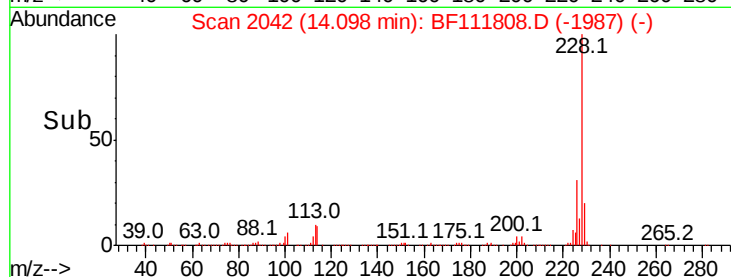
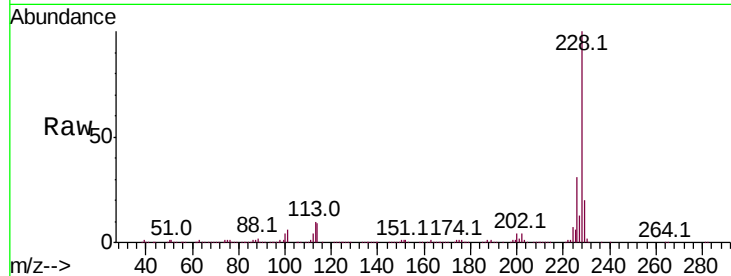
#83
Chrysene
Concen: 41.654 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion:228 Resp: 1120061
Ion Ratio Lower Upper
228 100
226 31.4 25.3 37.9
229 20.1 17.2 25.8

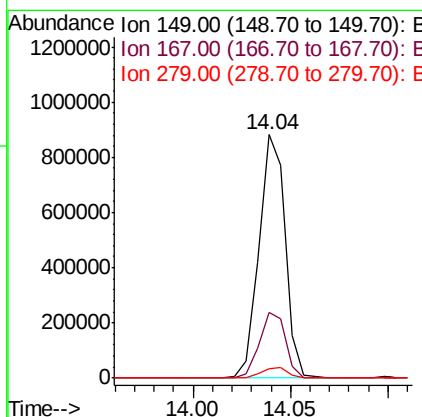
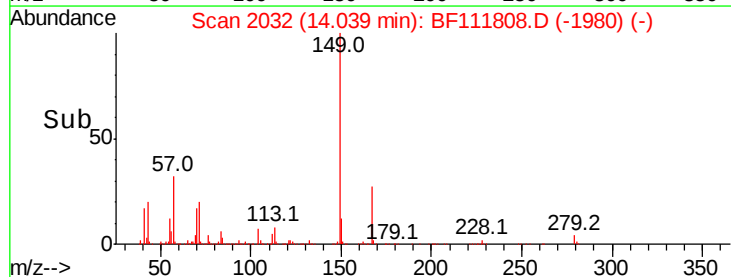
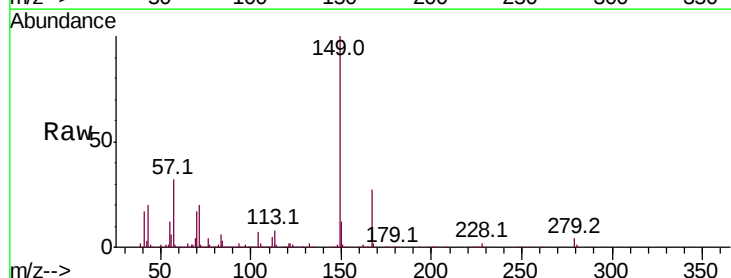
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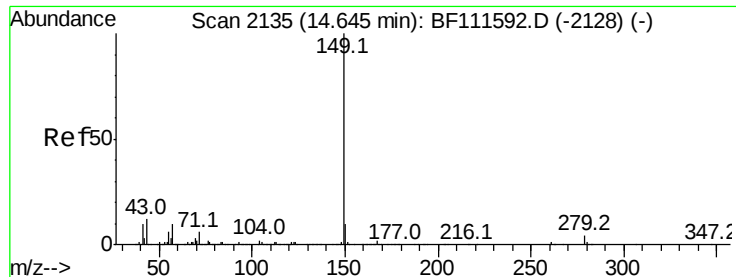
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.050 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion:149 Resp: 817838
Ion Ratio Lower Upper
149 100
167 26.8 22.5 33.7
279 3.9 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 42.668 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

Instrument :

BNA_F

ClientSampleId :

PB116049BS

Tot Ion:149 Resp: 1149100

Ion Ratio Lower Upper

149 100

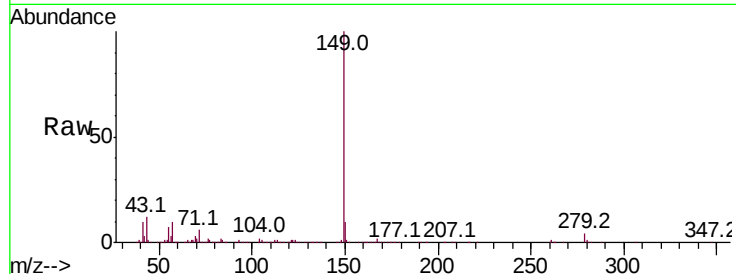
167 1.6 1.3 1.9

43 11.2 10.9 16.3

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Sohil

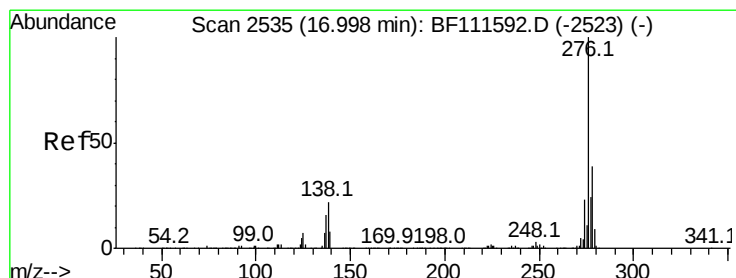
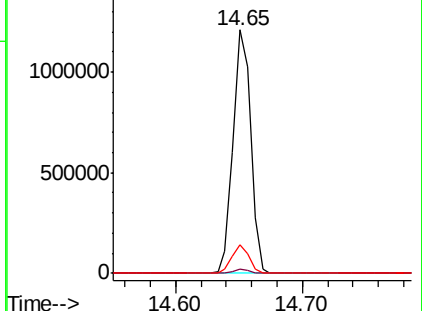
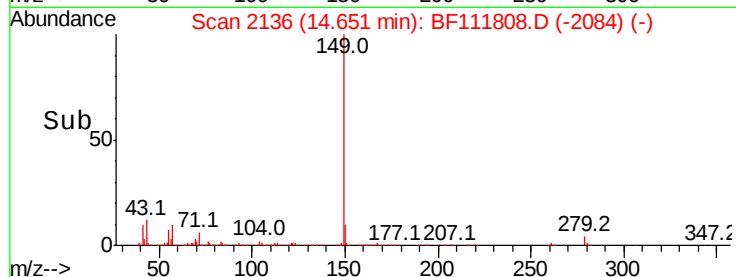
1/3/2019 10:59:33 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.671 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.06 min

Lab File: BF111808.D

Acq: 2 Jan 2019 13:48

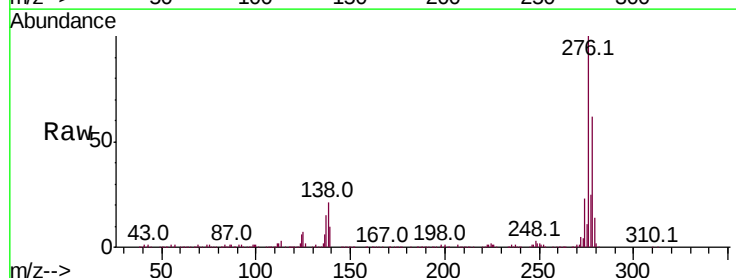
Tgt Ion:276 Resp: 906849

Ion Ratio Lower Upper

276 100

138 22.2 27.8 41.6#

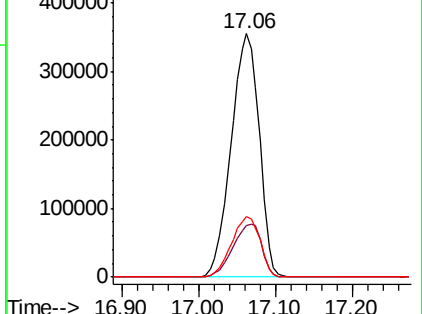
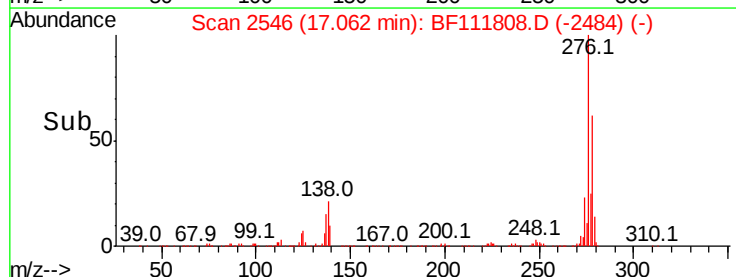
277 25.3 20.1 30.1

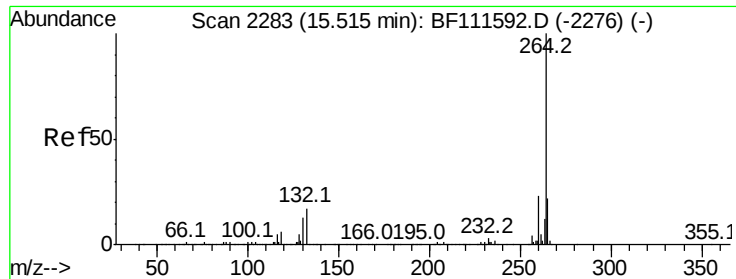


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





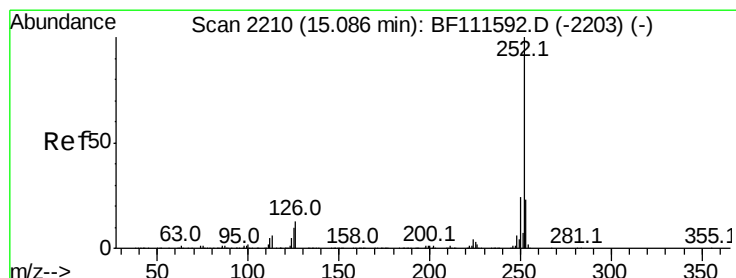
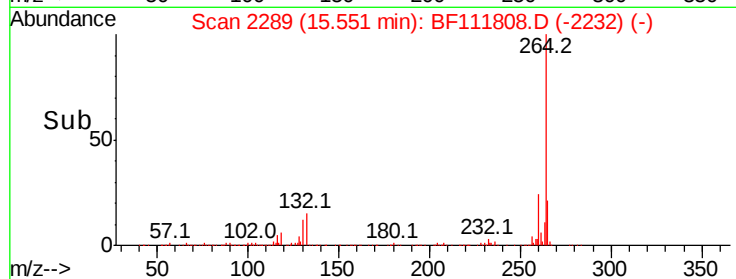
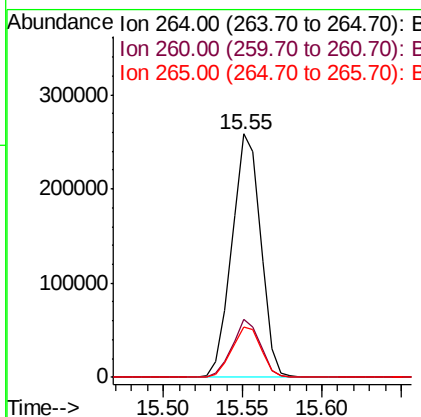
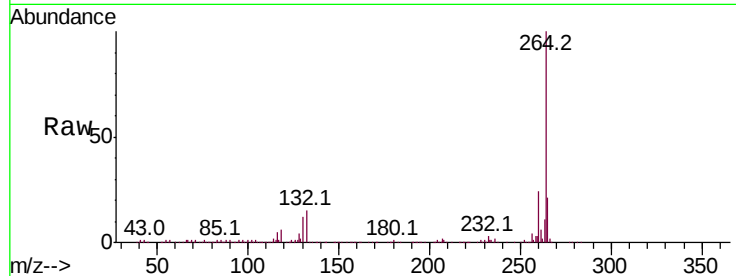
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	20.9	17.7	26.5

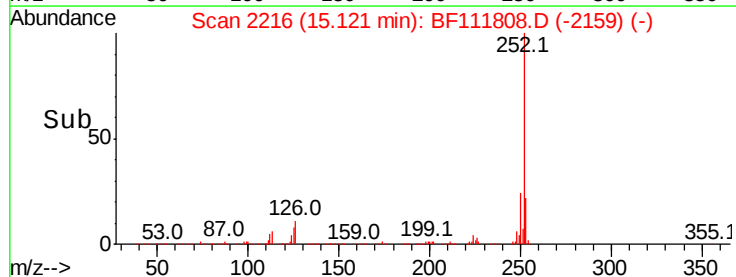
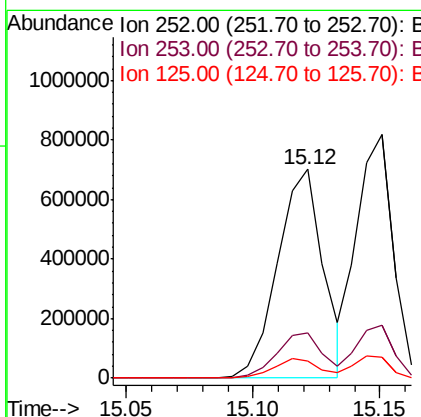
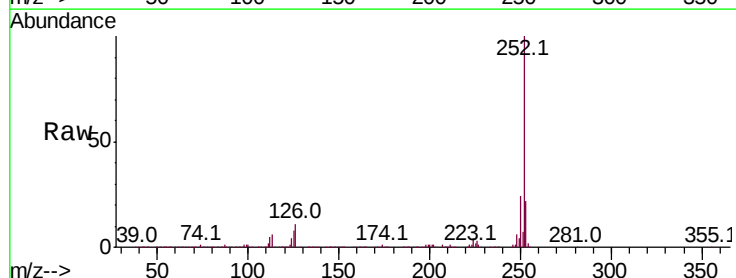
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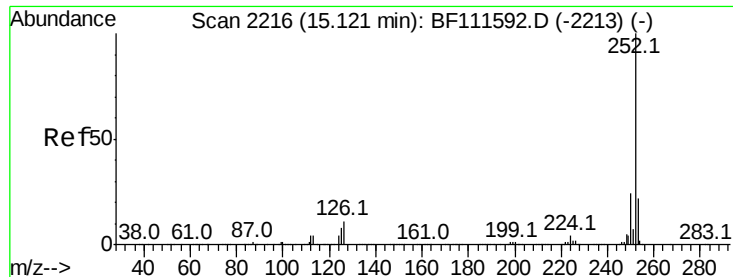
Sohil
1/3/2019 10:59:33 AM



#88
Benzo(b)fluoranthene
Concen: 46.092 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	8.3	10.4	15.6





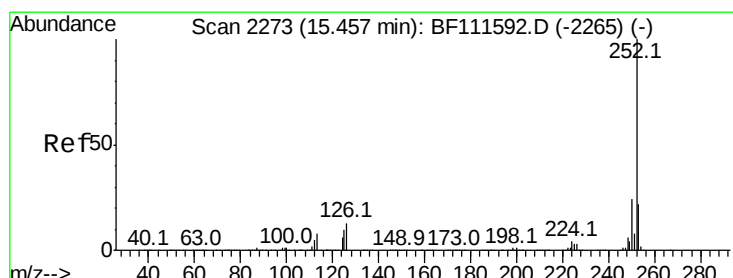
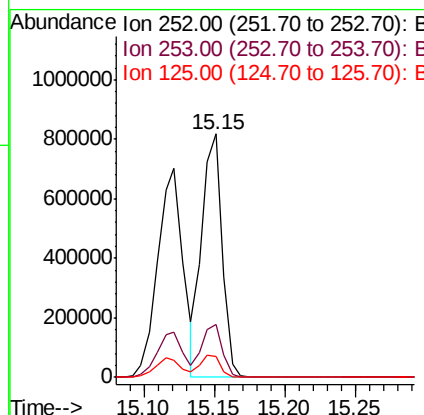
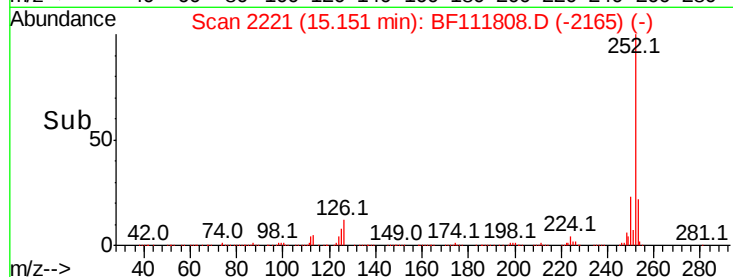
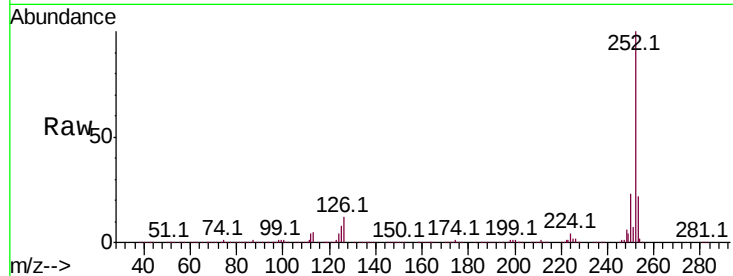
#89
Benzo(k)fluoranthene
Concen: 45.373 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleID :
PB116049BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	18.1	27.1
125	8.4	9.8	14.8#

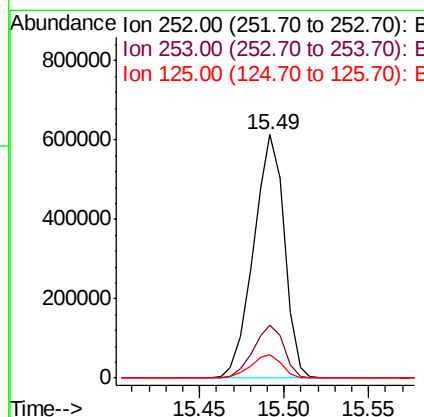
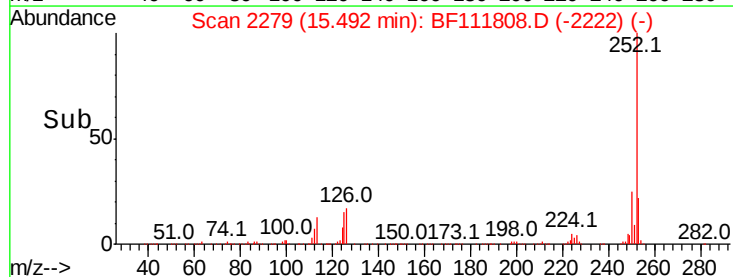
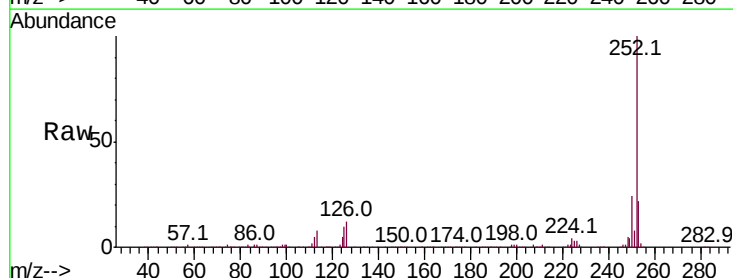
Manual Integrations
APPROVED

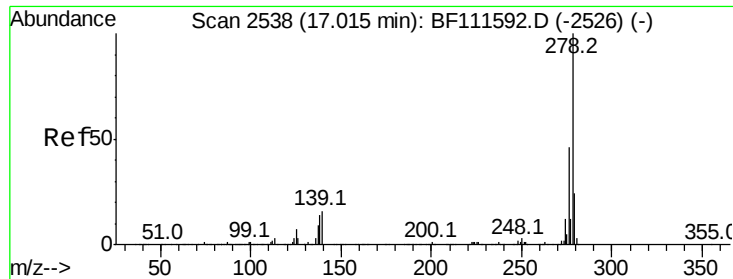
Sohil
1/3/2019 10:59:33 AM



#90
Benzo(a)pyrene
Concen: 45.224 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.8	26.8
125	9.8	12.3	18.5#





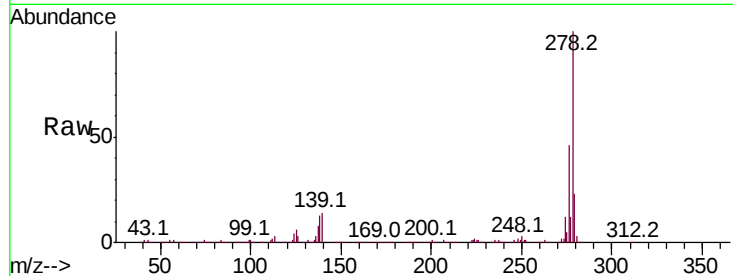
#91
Dibenzo(a,h)anthracene
Concen: 49.600 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.06 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Instrument :
BNA_F
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	18.2	27.4#
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/3/2019 10:59:33 AM

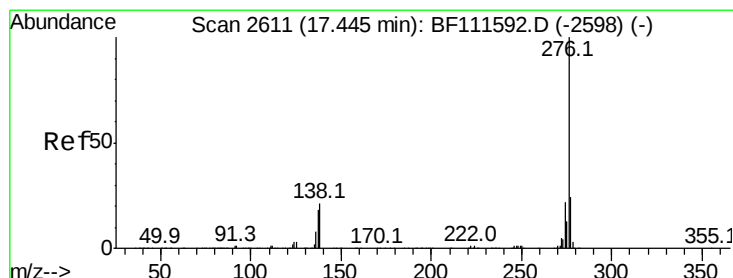
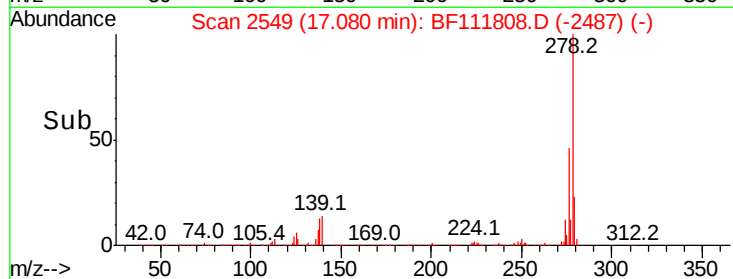
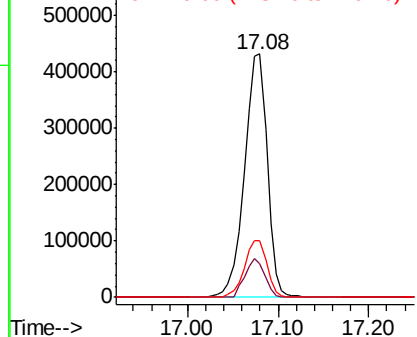


Abundance

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: 52.693 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.08 min
Lab File: BF111808.D
Acq: 2 Jan 2019 13:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	18.7	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

