

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111638.D
 Acq On : 20 Dec 2018 14:40
 Operator : JU/SJ
 Sample : J6481-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROP-SW-1

Quant Time: Dec 21 06:17:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	226039	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	832639	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	390607	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	618494	20.00	ng	0.00
76) Chrysene-d12	14.04	240	531657	20.00	ng	0.00
87) Perylene-d12	15.52	264	500773	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1255287	94.66	ng	0.00
7) Phenol-d6	6.52	99	1628116	96.47	ng	0.00
23) Nitrobenzene-d5	7.45	82	1022725	71.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	410215	88.88	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1690031	63.06	ng	0.00
79) Terphenyl-d14	13.00	244	1235559	44.07	ng	0.00

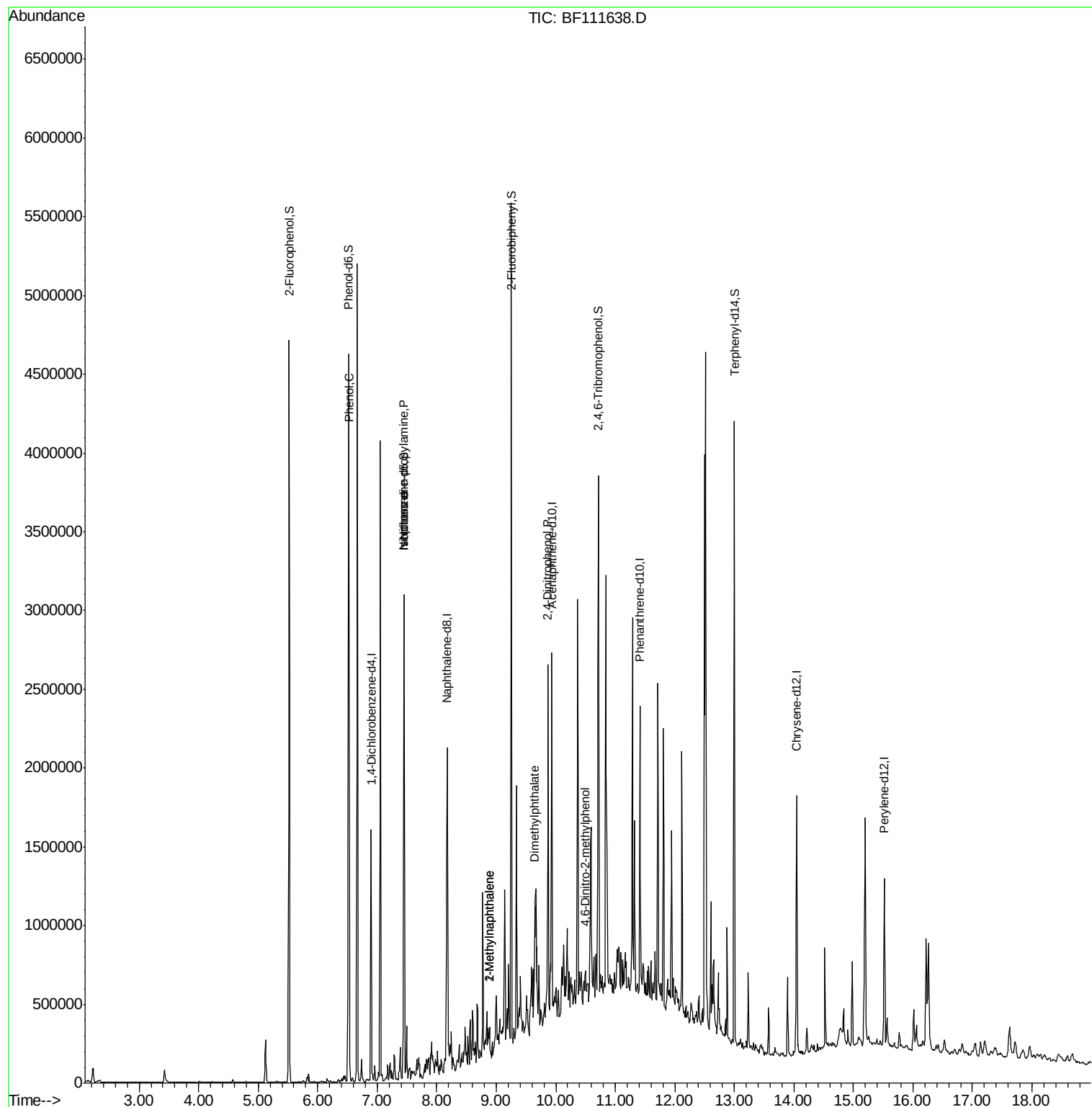
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	98735	5.185	ng	98
19) n-Nitroso-di-n-propylamine	7.45	70	140494	12.535	ng	# 80
25) Isophorone	7.45	82	1018776	40.118	ng	# 64
37) 2-Methylnaphthalene	8.89	142	52931	2.034	ng	99
38) 1-Methylnaphthalene	8.89	142	52931	2.117	ng	96
50) Dimethylphthalate	9.64	163	216558	7.582	ng	98
54) 2,4-Dinitrophenol	9.87	184	110	7.362	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.50	198	110	6.730	ng	# 1

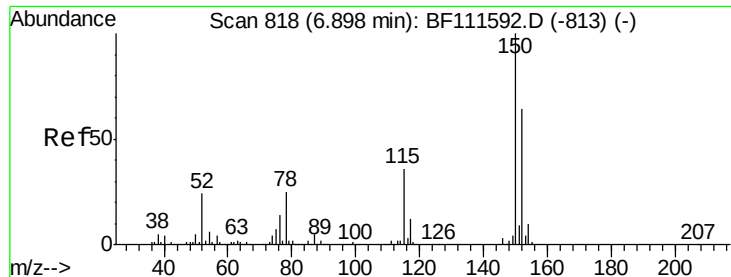
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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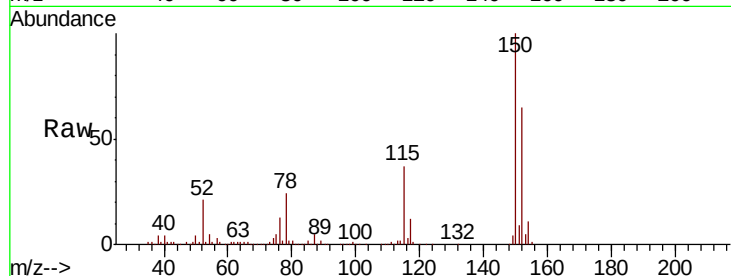


#1

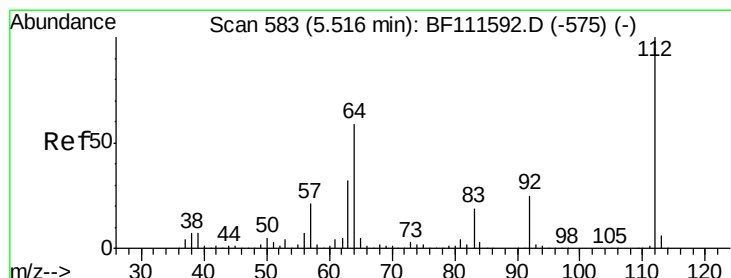
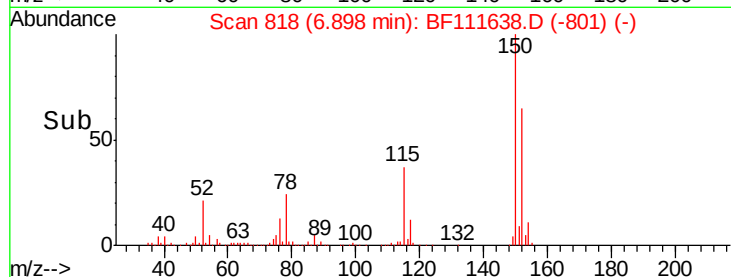
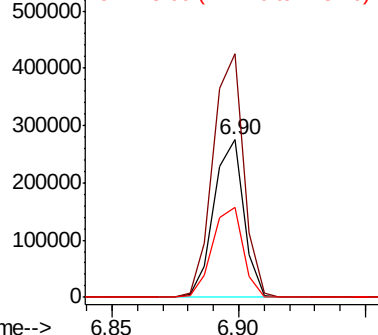
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PROP-SW-1

Tgt Ion:152 Resp: 226039
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 57.3 50.7 76.1



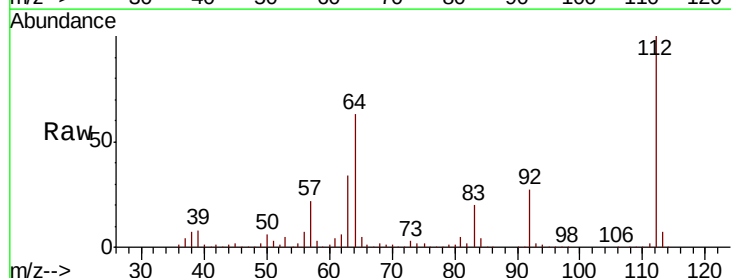
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



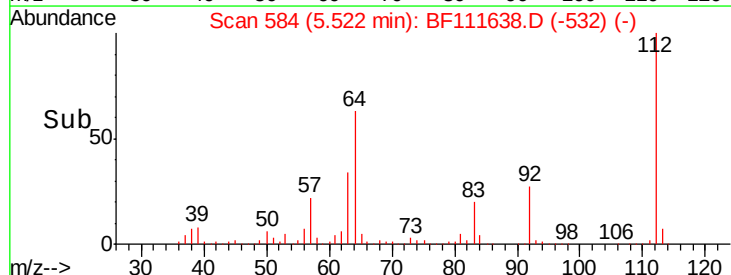
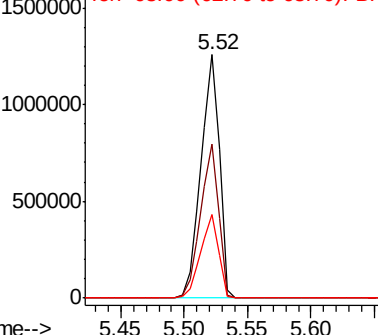
#5

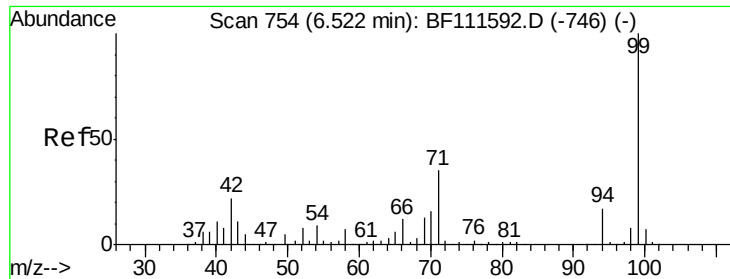
2-Fluorophenol
Concen: 94.660 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Tgt Ion:112 Resp: 1255287
Ion Ratio Lower Upper
112 100
64 63.2 51.8 77.6
63 34.4 26.8 40.2



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





#7

Phenol-d6

Concen: 96.471 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PROP-SW-1

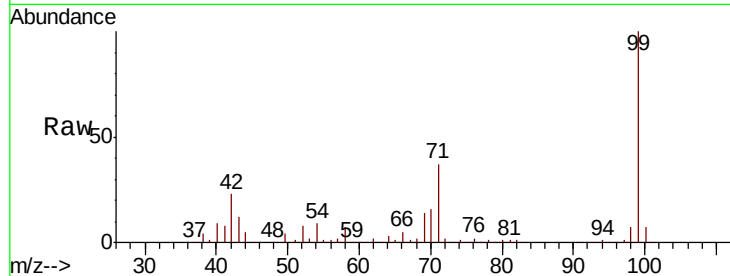
Tgt Ion: 99 Resp: 1628116

Ion Ratio Lower Upper

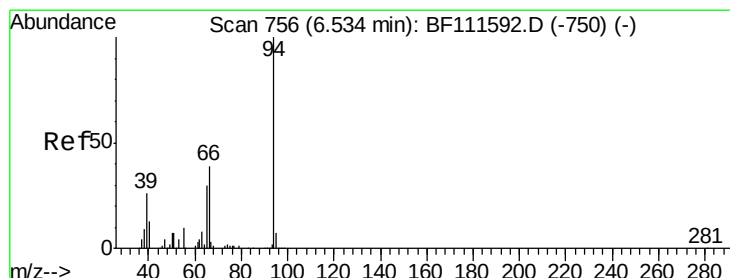
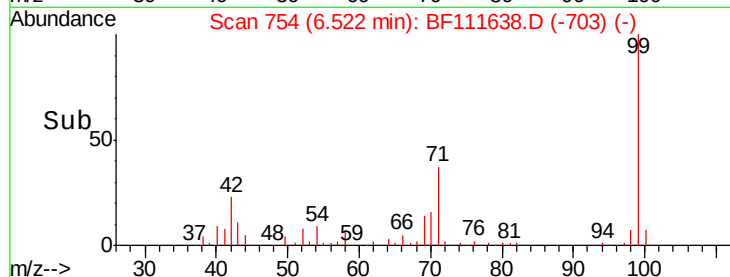
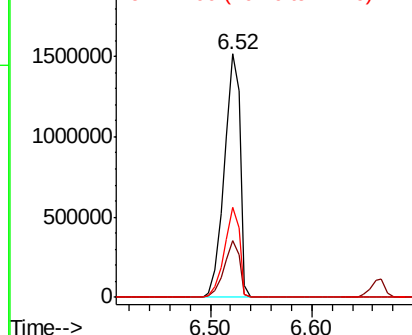
99 100

42 23.1 17.4 26.0

71 37.0 26.1 39.1



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



#10

Phenol

Concen: 5.185 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

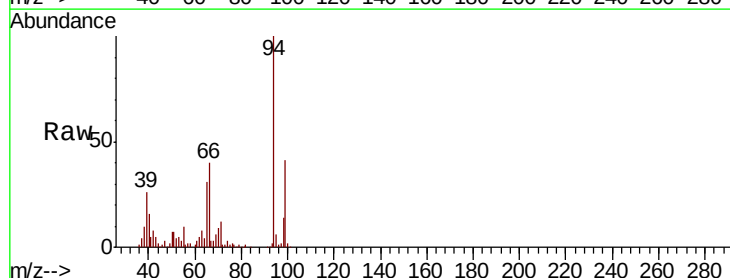
Tgt Ion: 94 Resp: 98735

Ion Ratio Lower Upper

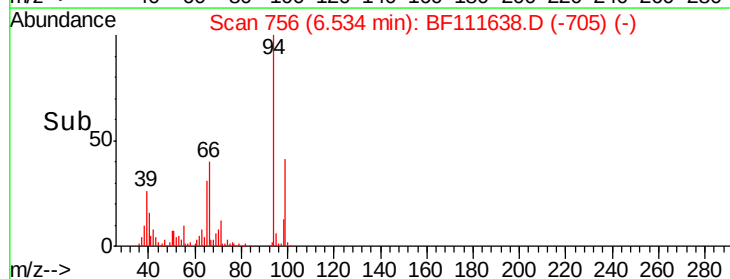
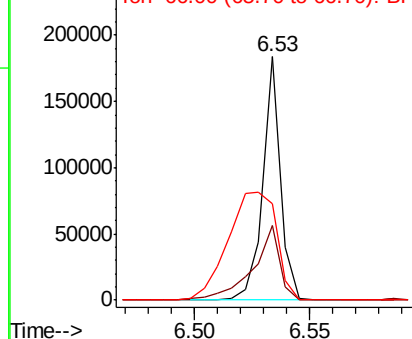
94 100

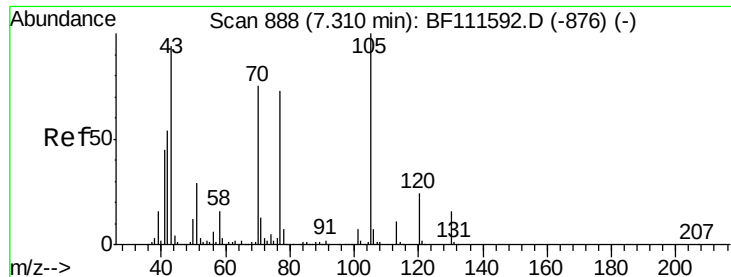
65 30.5 11.7 51.7

66 39.7 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

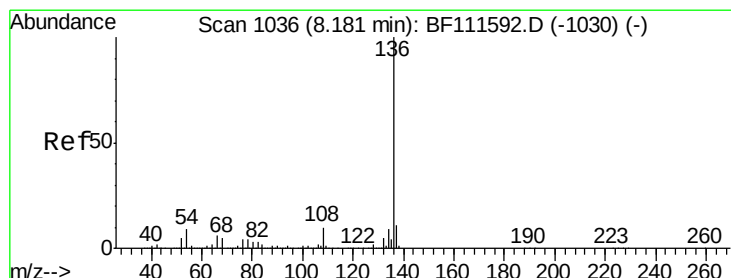
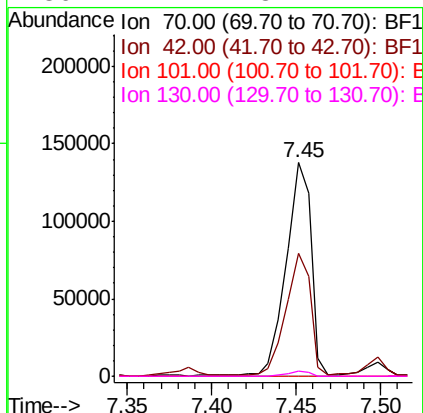
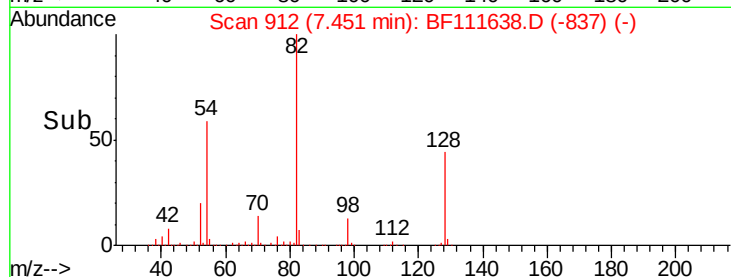
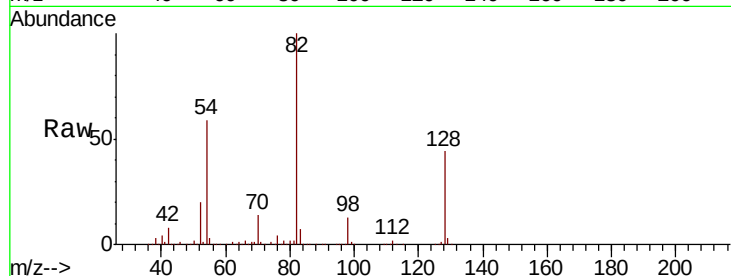




#19
n-Nitroso-di-n-propylamine
Concen: 12.535 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

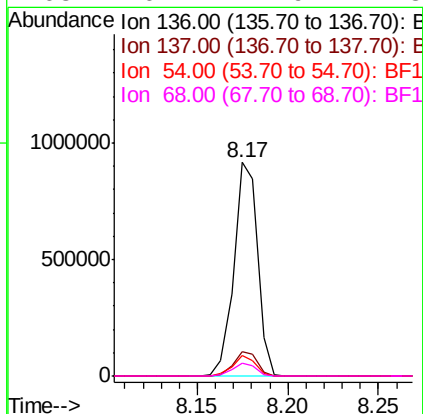
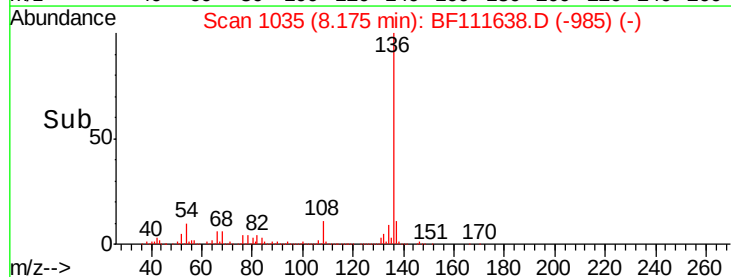
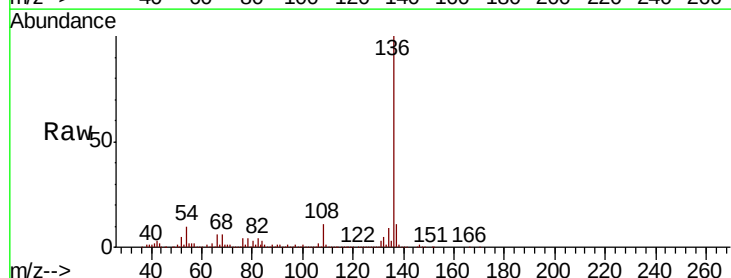
Instrument :
BNA_F
ClientSampleId :
PROP-SW-1

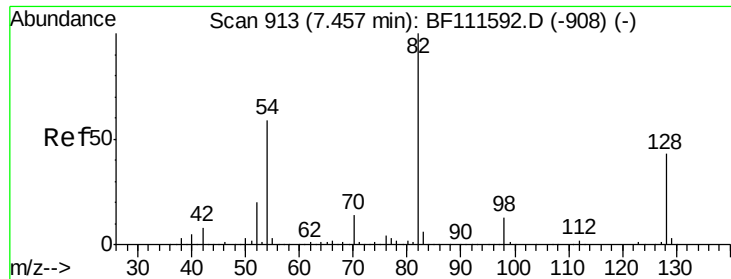
Tgt Ion: 70 Resp: 140494
Ion Ratio Lower Upper
70 100
42 57.3 53.2 79.8
101 0.0 8.2 12.4#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Tgt Ion: 136 Resp: 832639
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.6 7.7 11.5
68 6.2 4.9 7.3

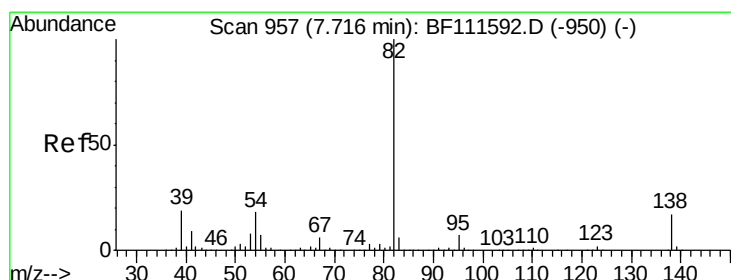
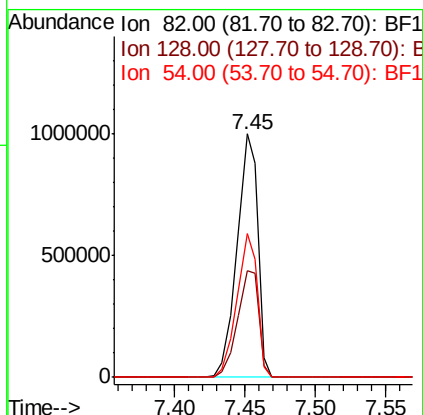
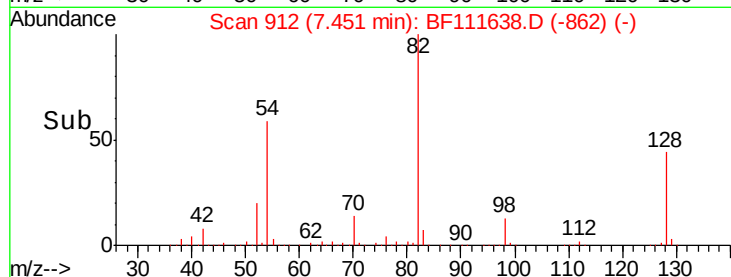
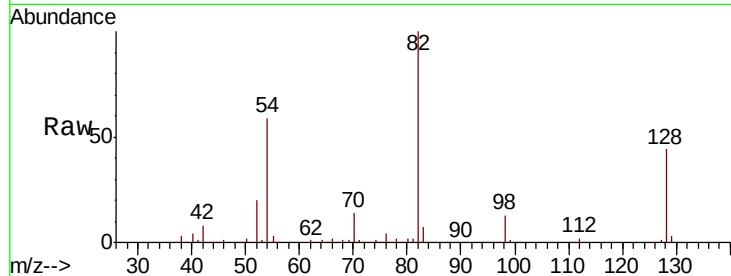




#23
 Nitrobenzene-d5
 Concen: 71.496 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111638.D
 Acq: 20 Dec 2018 14:40

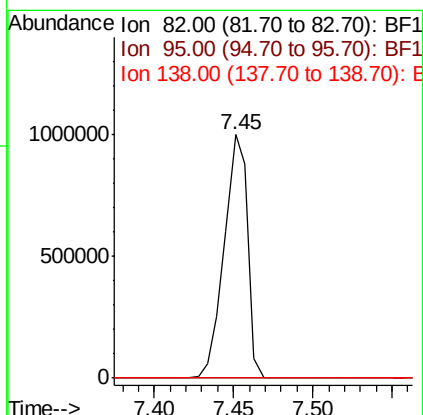
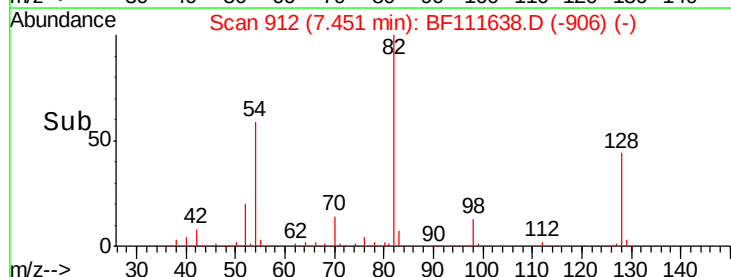
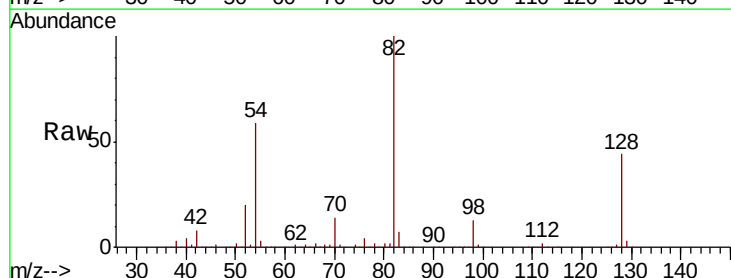
Instrument :
 BNA_F
 ClientSampleId :
 PROP-SW-1

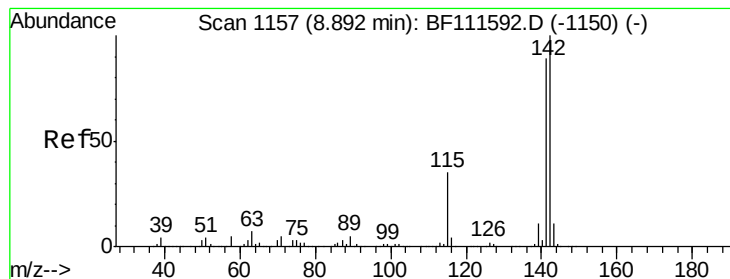
Tgt Ion: 82 Resp: 1022725
 Ion Ratio Lower Upper
 82 100
 128 43.9 37.4 56.2
 54 58.9 47.6 71.4



#25
 Isophorone
 Concen: 40.118 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF111638.D
 Acq: 20 Dec 2018 14:40

Tgt Ion: 82 Resp: 1018776
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.4 8.2#
 138 0.0 15.1 22.7#





#37

2-Methylnaphthalene

Concen: 2.034 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PROP-SW-1

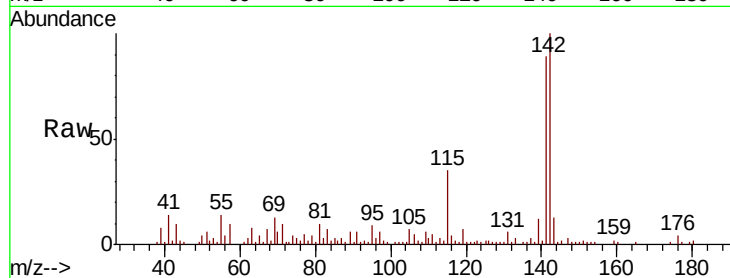
Tgt Ion:142 Resp: 52931

Ion Ratio Lower Upper

142 100

141 88.6 70.6 105.8

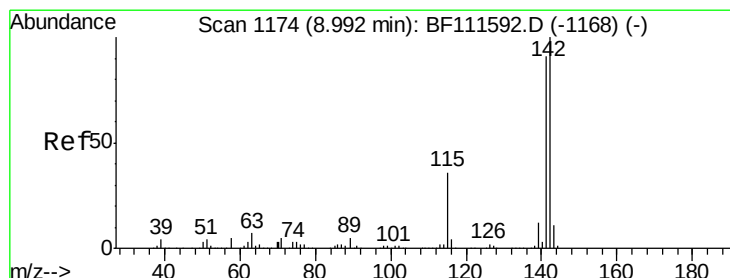
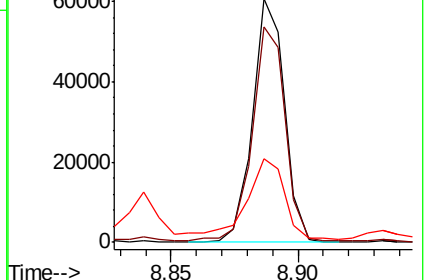
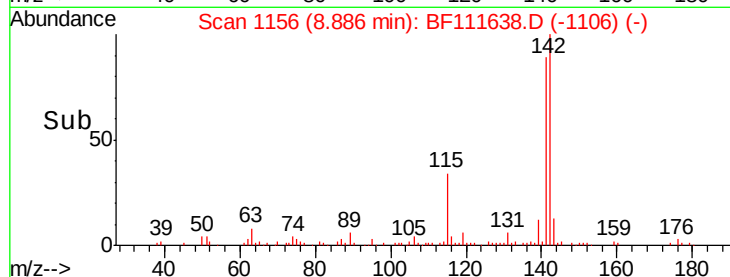
115 34.5 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.117 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.11 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

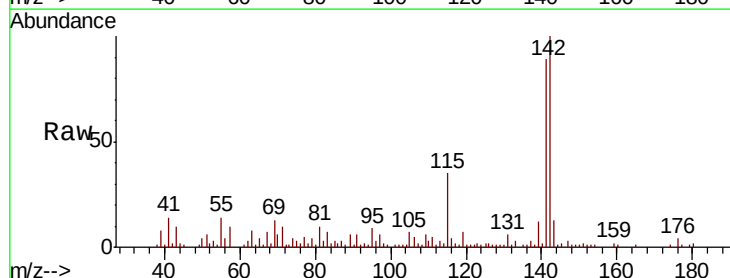
Tgt Ion:142 Resp: 52931

Ion Ratio Lower Upper

142 100

141 88.6 74.2 111.4

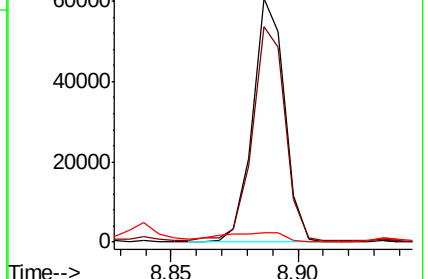
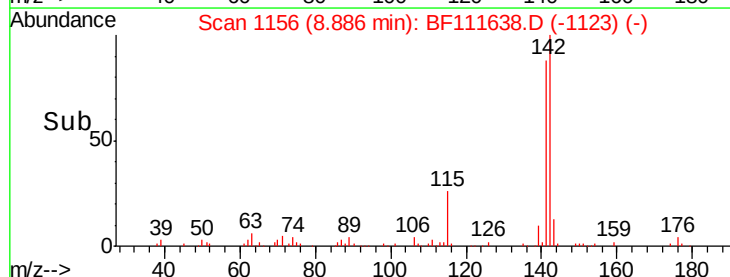
116 3.9 2.9 4.3

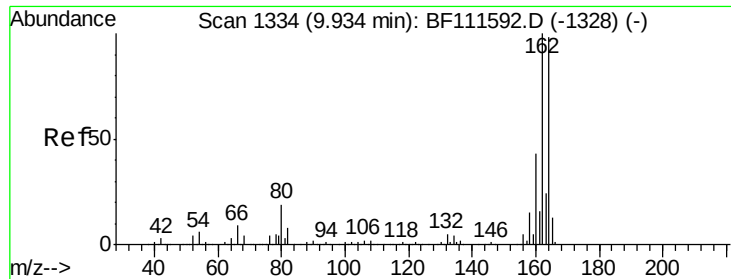


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

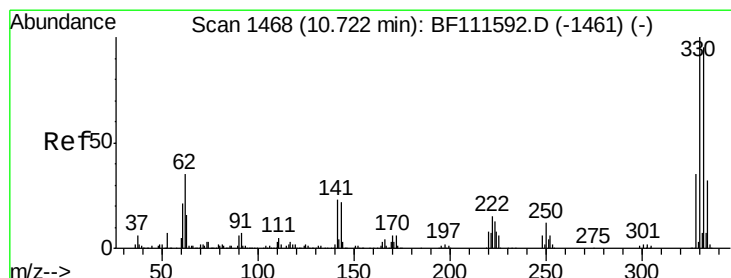
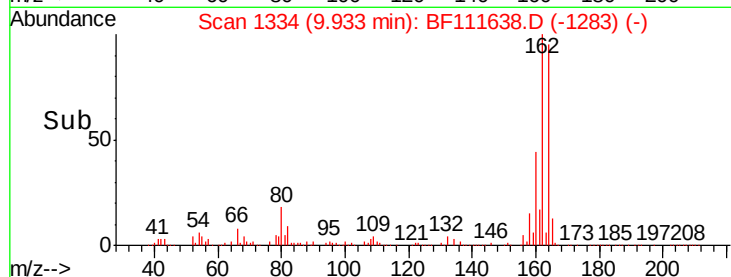
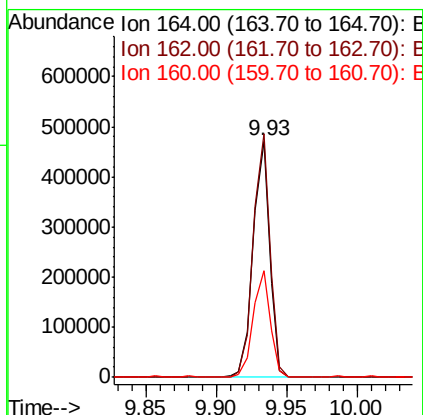
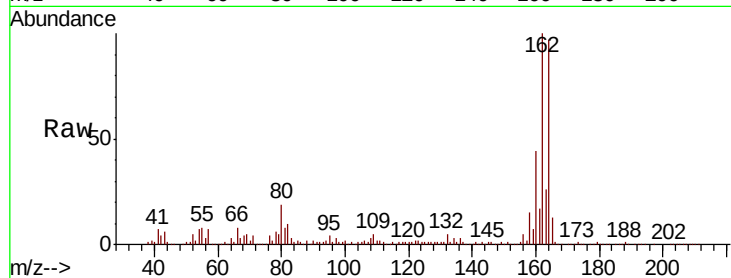




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

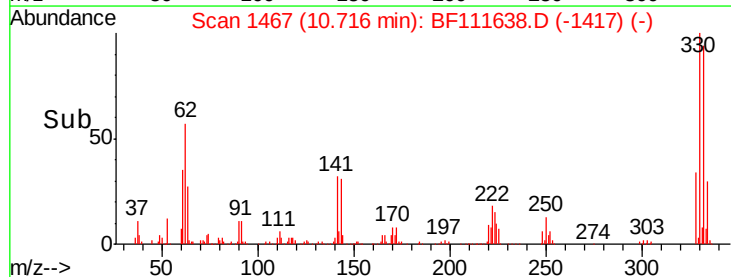
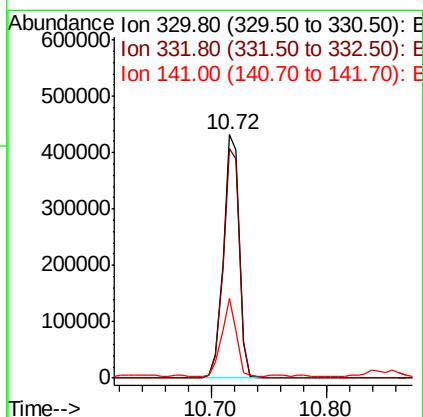
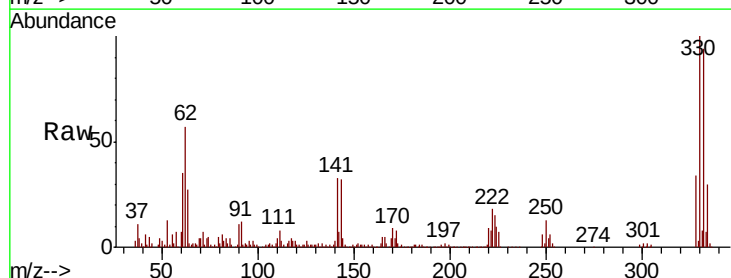
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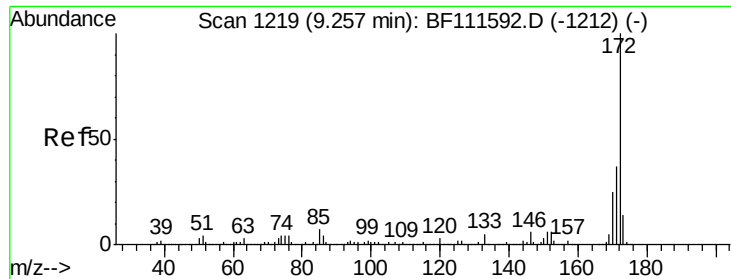
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.0
160	45.0	35.7	53.5



#42
2,4,6-Tribromophenol
Concen: 88.881 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.0	114.0
141	29.4	31.0	46.6

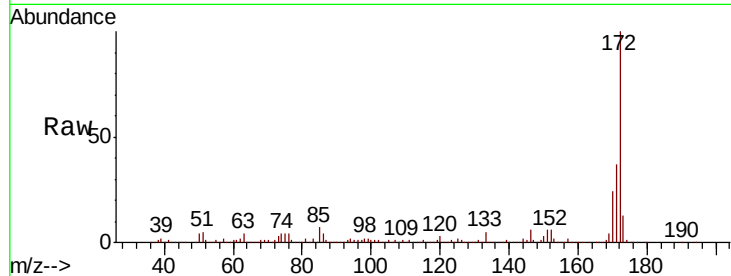




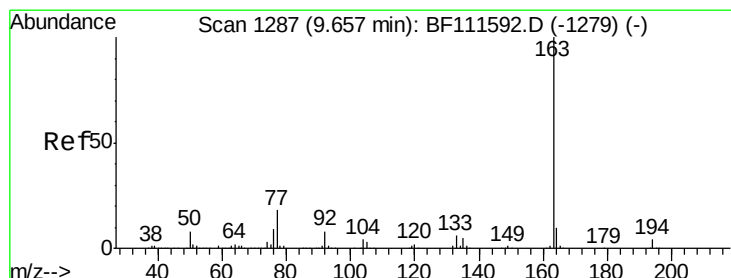
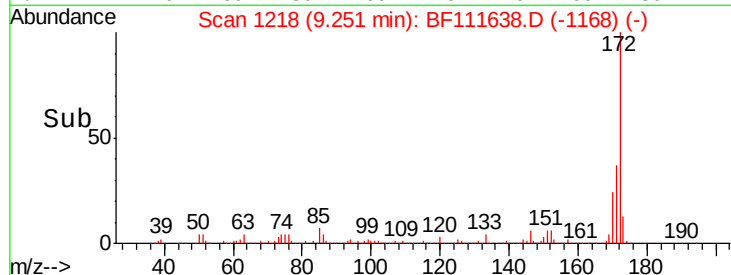
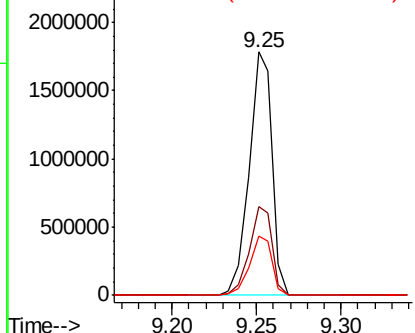
#45
2-Fluorobiphenyl
Concen: 63.065 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PROP-SW-1

Tgt Ion:172 Resp: 1690031
Ion Ratio Lower Upper
172 100
171 36.7 33.0 49.4
170 24.4 22.3 33.5

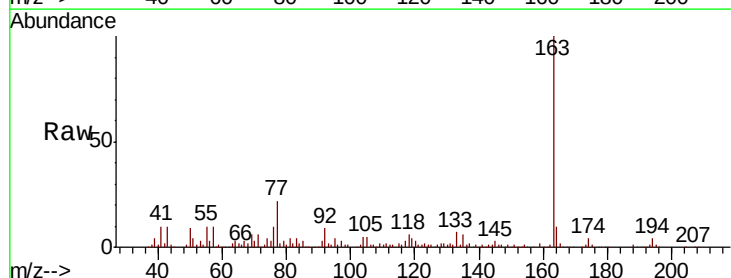


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

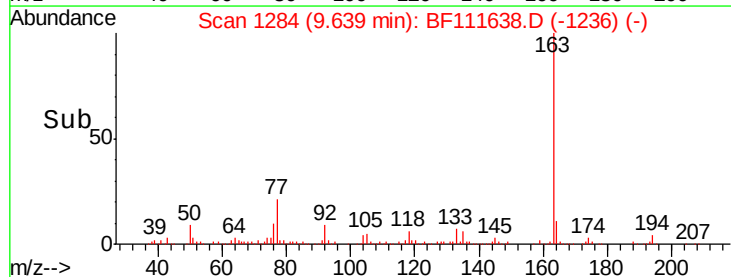
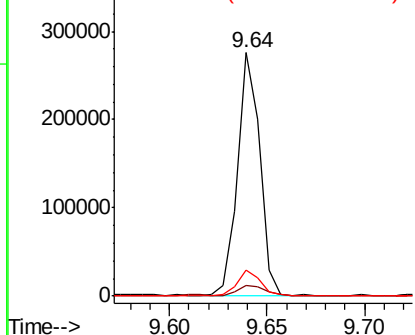


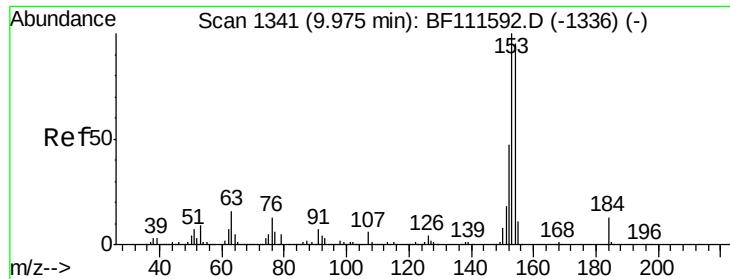
#50
Dimethylphthalate
Concen: 7.582 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Tgt Ion:163 Resp: 216558
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.5 8.9 13.3



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

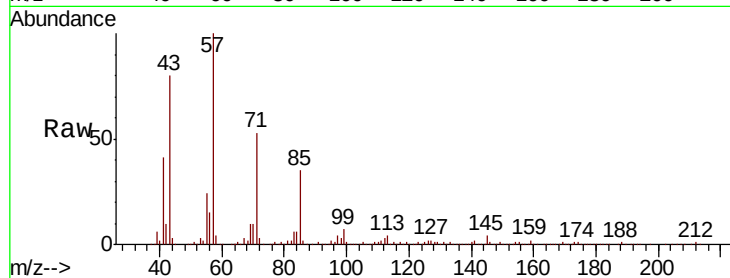




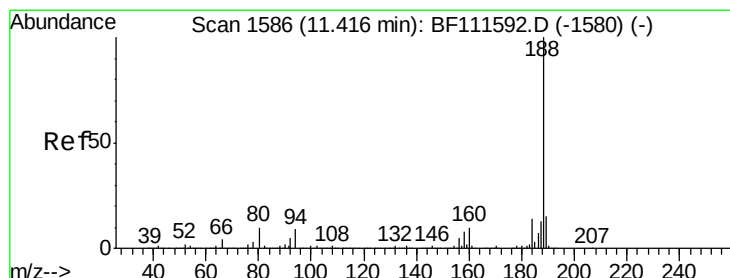
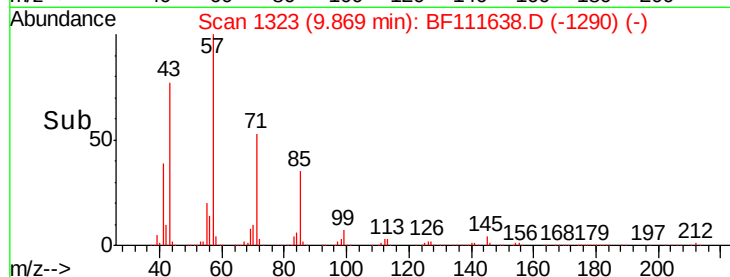
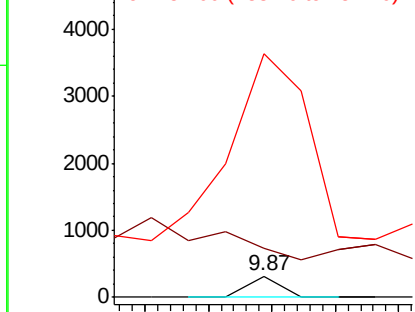
#54
2,4-Dinitrophenol
Concen: 7.362 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.11 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PROP-SW-1

Tgt Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 236.4 62.3 93.5#
154 1160.7 56.2 84.2#

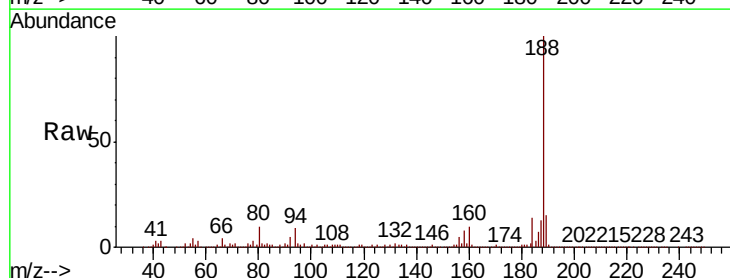


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

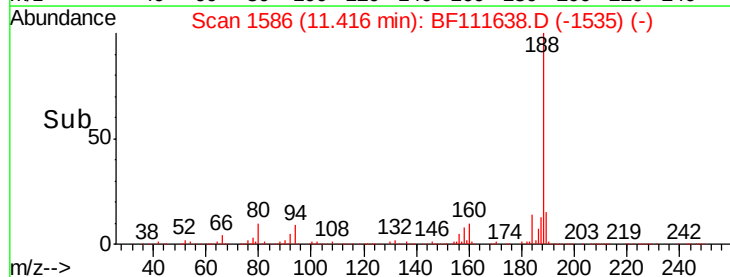
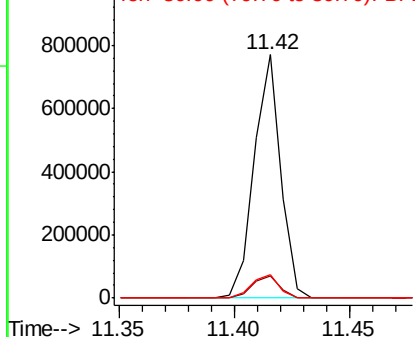


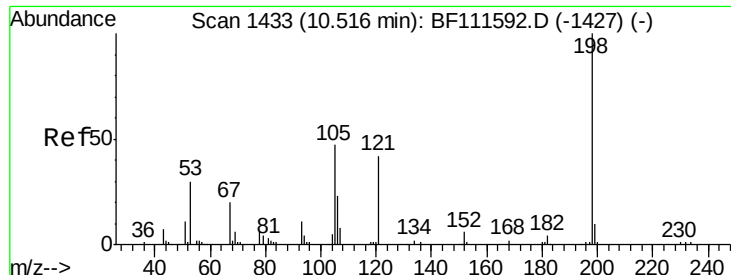
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Tgt Ion:188 Resp: 618494
Ion Ratio Lower Upper
188 100
94 8.9 9.6 14.4#
80 9.8 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

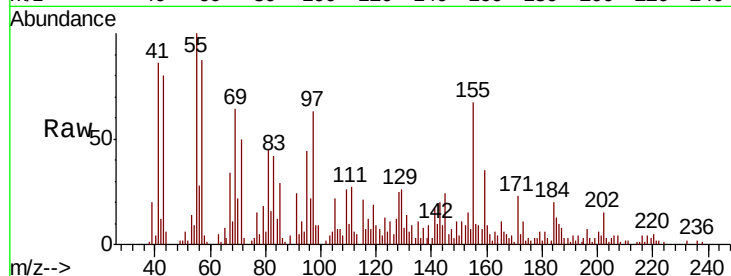




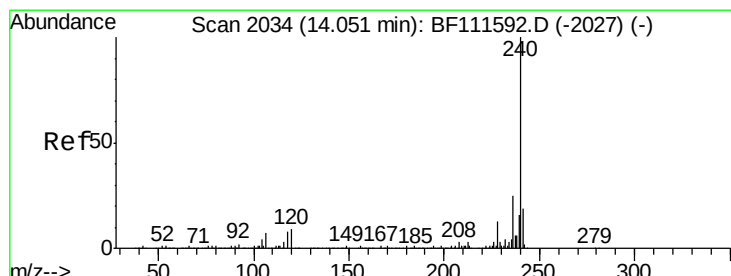
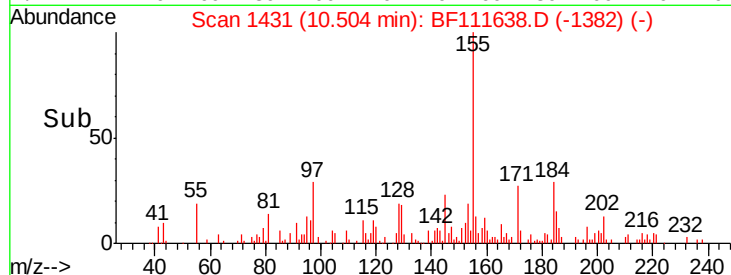
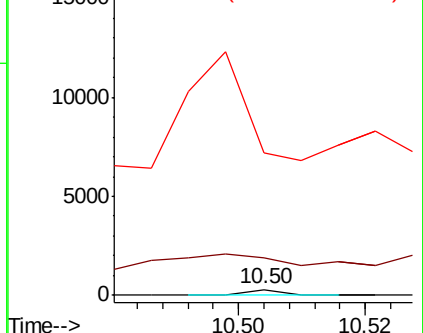
#65
4,6-Dinitro-2-methylphenol
Concen: 6.730 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PROP-SW-1

Tgt Ion:198 Resp: 110
Ion Ratio Lower Upper
198 100
51 606.1 48.0 88.0#
105 2317.6 34.0 74.0#

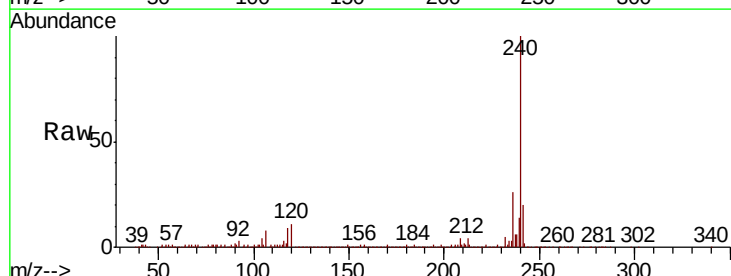


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

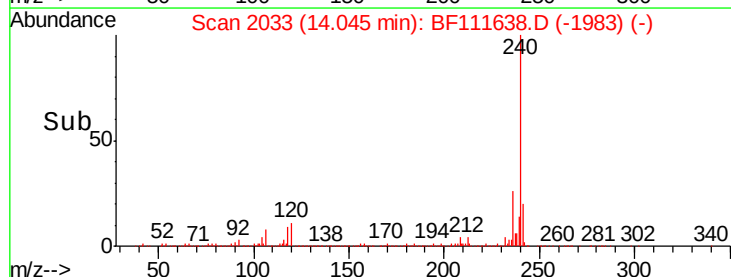
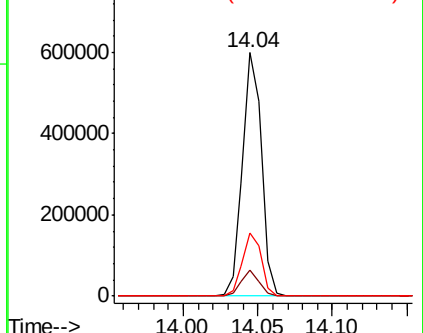


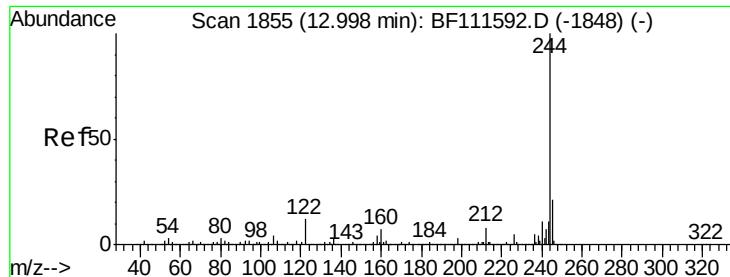
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Tgt Ion:240 Resp: 531657
Ion Ratio Lower Upper
240 100
120 10.6 12.2 18.2#
236 25.8 20.2 30.2



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





#79

Terphenyl-d14

Concen: 44.072 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PROP-SW-1

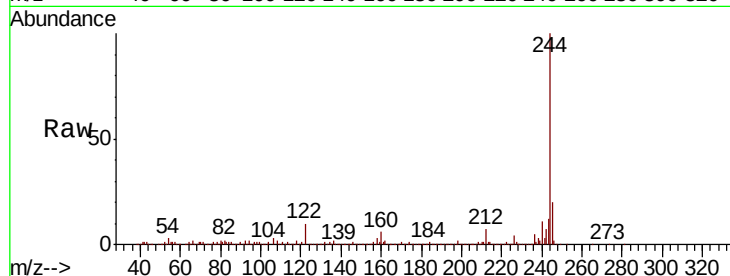
Tgt Ion:244 Resp: 1235559

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

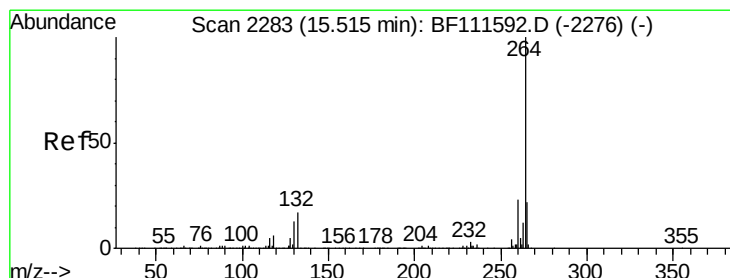
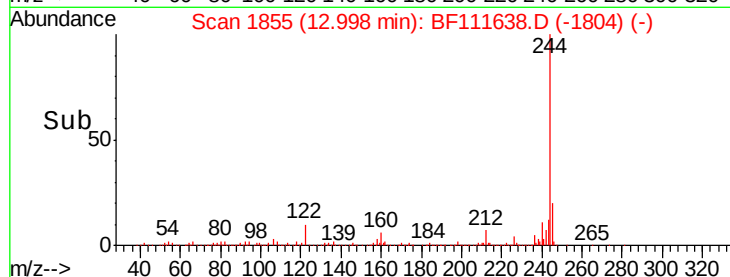
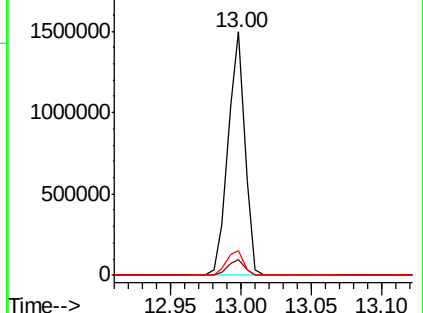
122 9.9 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

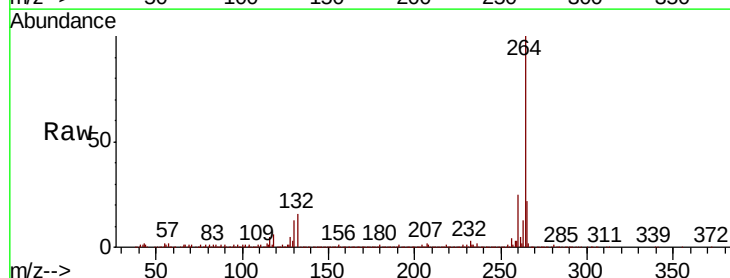
Tgt Ion:264 Resp: 500773

Ion Ratio Lower Upper

264 100

260 24.8 18.3 27.5

265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

