

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111673.D
 Acq On : 21 Dec 2018 7:35
 Operator : JU/SJ
 Sample : J6478-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 21 09:36:17 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	167015	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	582069	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	257391	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	397943	20.00	ng	0.00
76) Chrysene-d12	14.04	240	407185	20.00	ng	0.00
87) Perylene-d12	15.52	264	300829	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	406958	41.53	ng	0.00
7) Phenol-d6	6.51	99	309993	24.86	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1037662	103.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	240957	79.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1817178	102.90	ng	0.00
79) Terphenyl-d14	13.00	244	1401451	65.27	ng	0.00

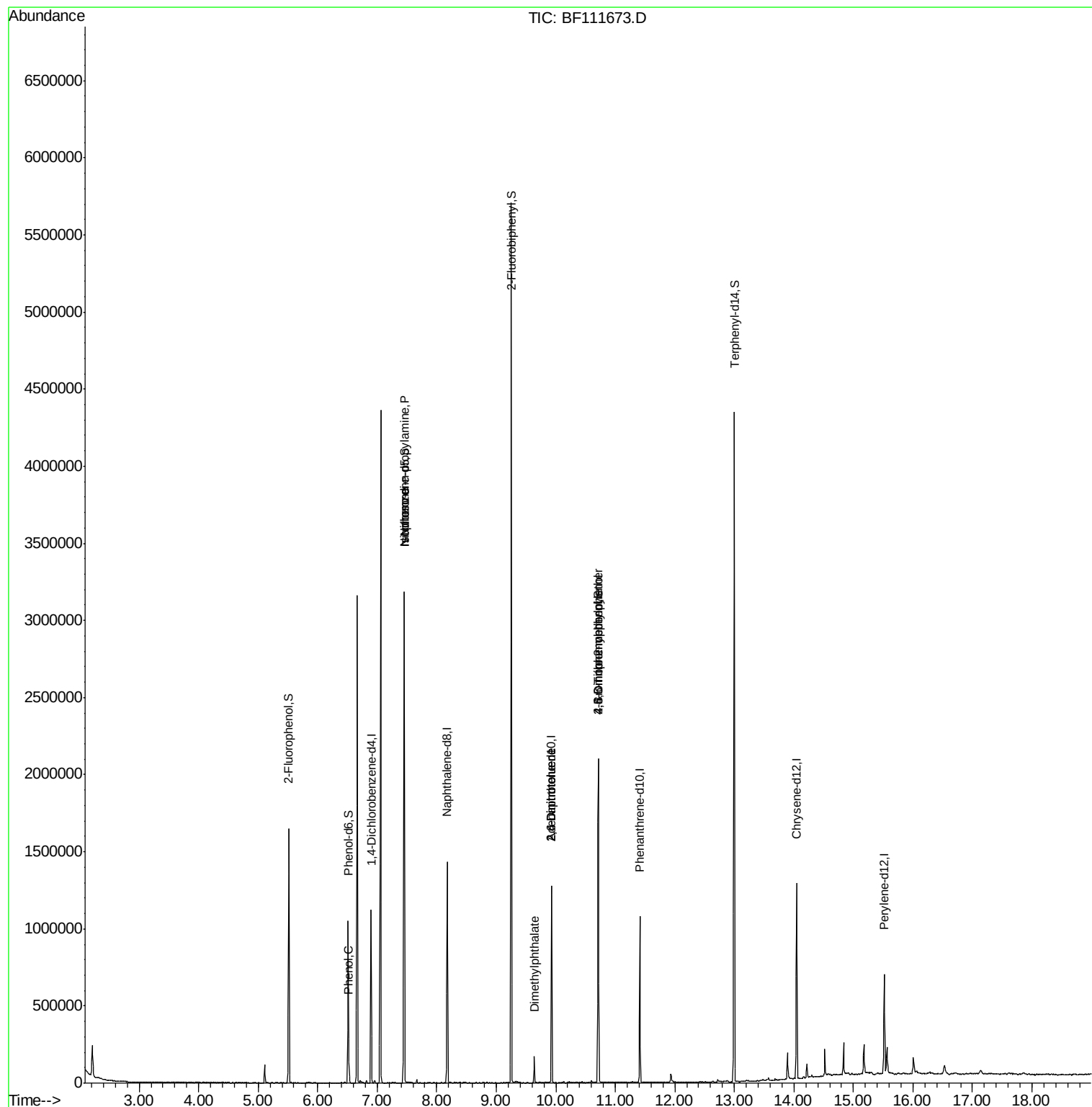
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	30381	2.159	ng	92
19) n-Nitroso-di-n-propylamine	7.46	70	140615	16.980	ng	# 78
25) Isophorone	7.46	82	1037648	58.451	ng	# 64
50) Dimethylphthalate	9.64	163	56831	3.019	ng	98
51) 2,6-Dinitrotoluene	9.93	165	32883	8.761	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	32883	7.290	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	467	6.937	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	14541	2.946	ng	# 1

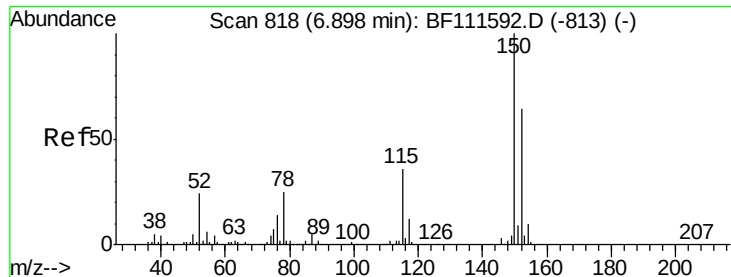
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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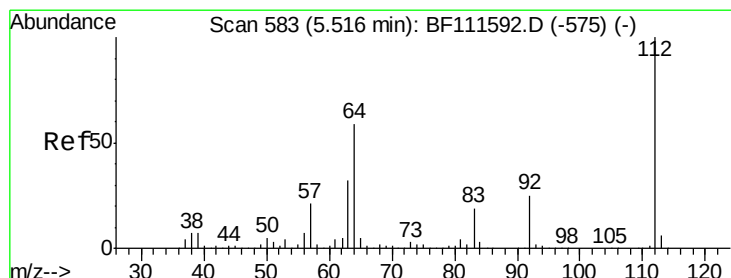
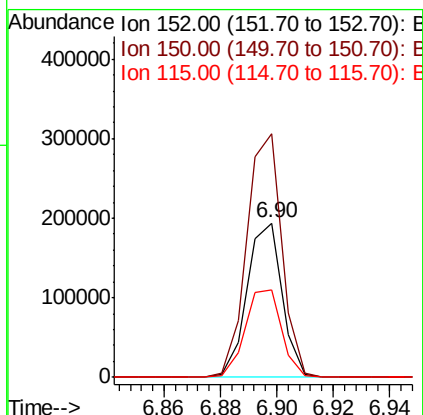
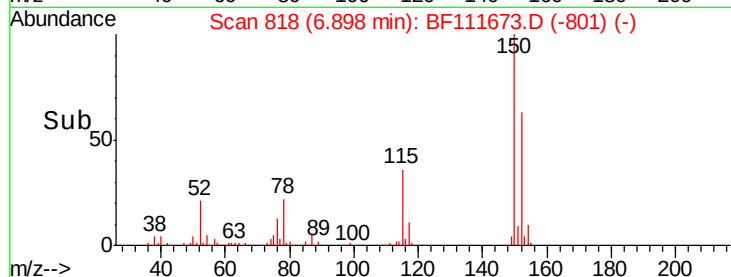
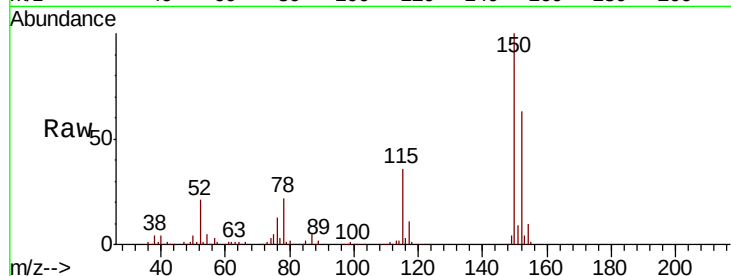


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111673.D
Acq: 21 Dec 2018 7:35

Instrument :
BNA_F
ClientSampleId :

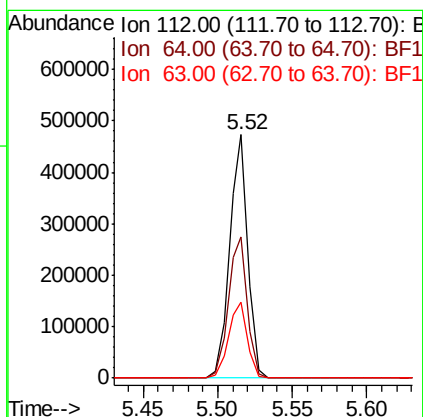
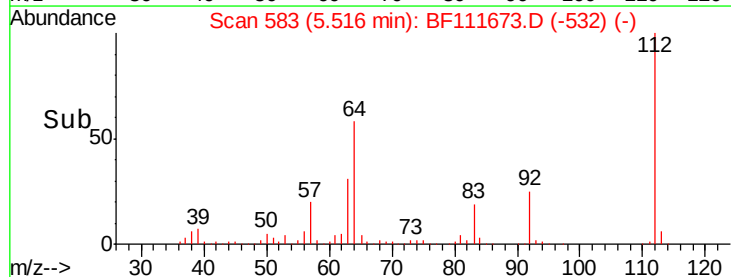
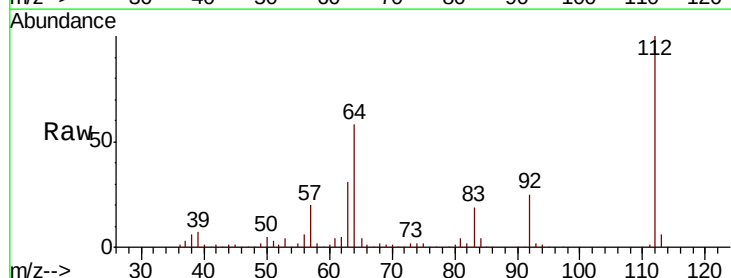
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	189.8
115	56.2	50.7	76.1

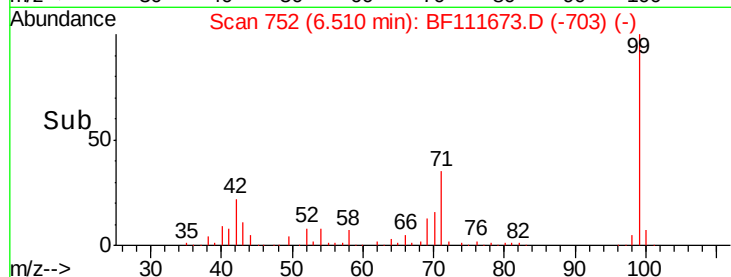
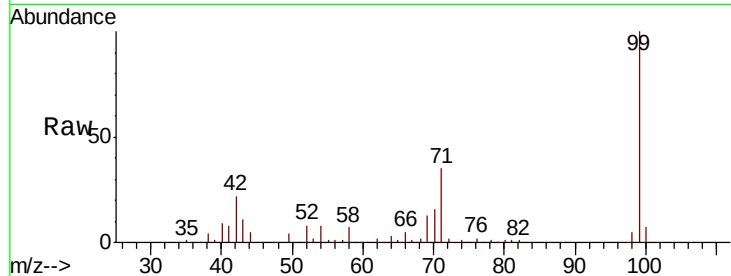
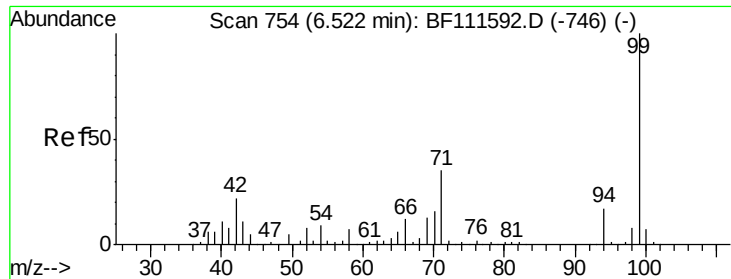


#5

2-Fluorophenol
Concen: 41.534 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111673.D
Acq: 21 Dec 2018 7:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	51.8	77.6
63	31.5	26.8	40.2





#7

Phenol-d6

Concen: 24.860 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111673.D

Acq: 21 Dec 2018 7:35

Instrument :

BNA_F

ClientSampleId :

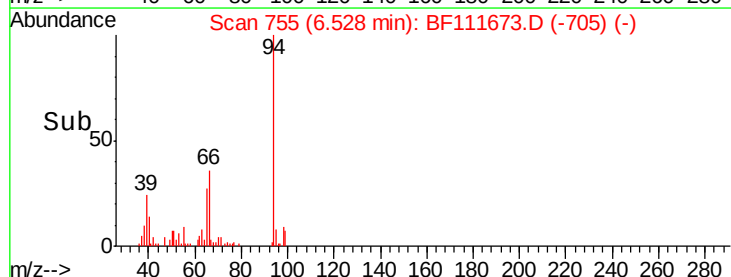
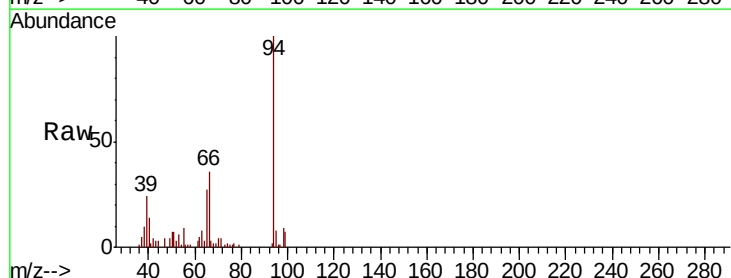
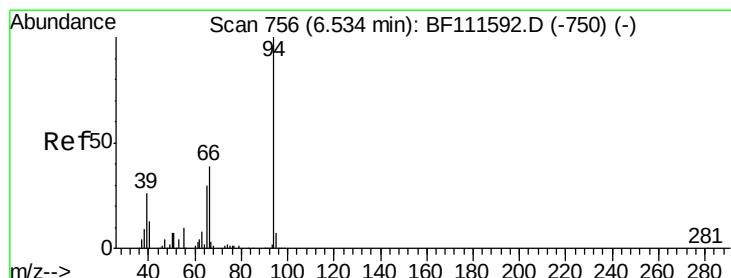
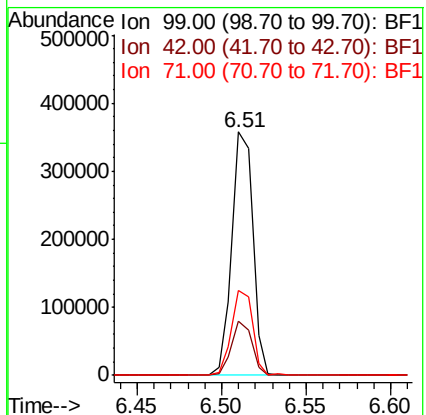
Tot Ion: 99 Resp: 309993

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

71 34.8 26.1 39.1



#10

Phenol

Concen: 2.159 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111673.D

Acq: 21 Dec 2018 7:35

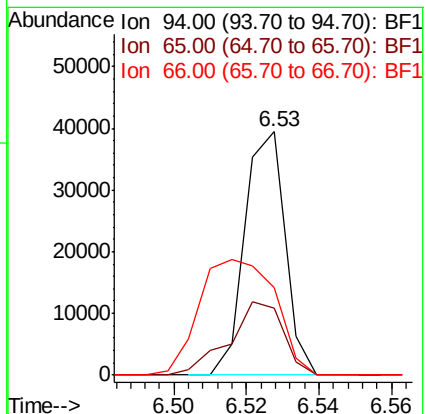
Tgt Ion: 94 Resp: 30381

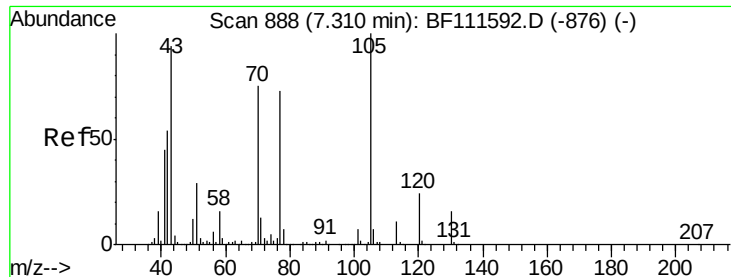
Ion Ratio Lower Upper

94 100

65 27.3 11.7 51.7

66 35.7 21.0 61.0

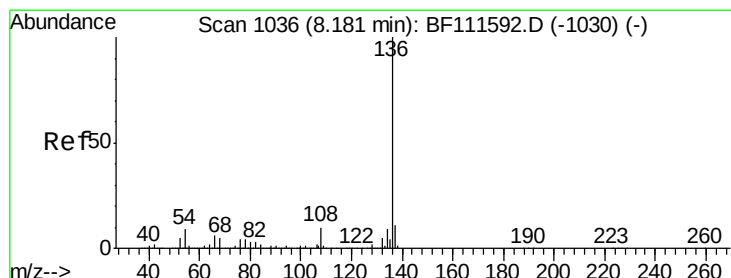
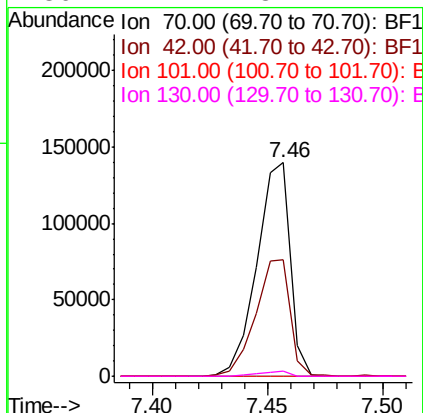
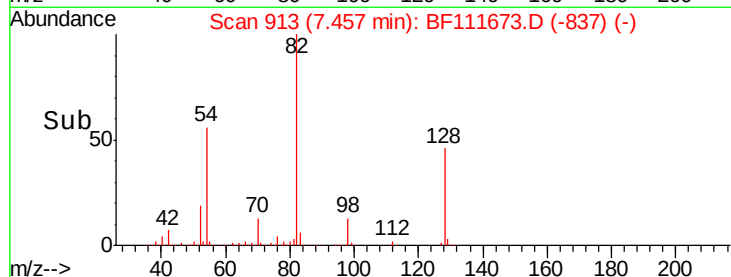
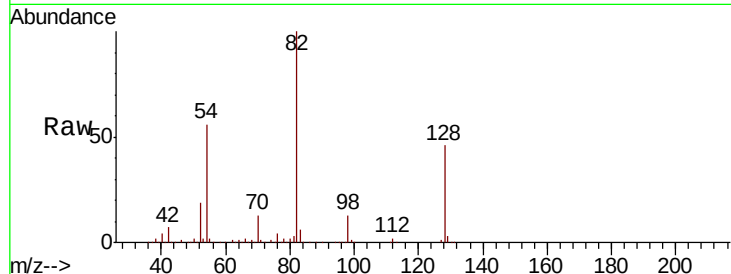




#19
n-Nitroso-di-n-propylamine
Concen: 16.980 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111673.D
Acq: 21 Dec 2018 7:35

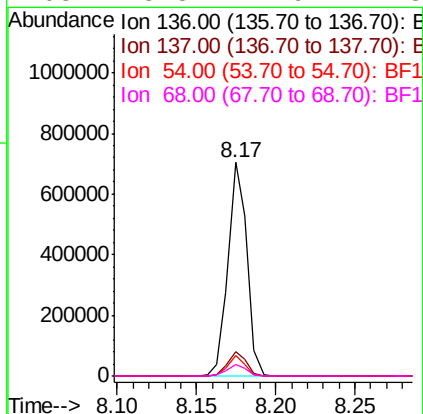
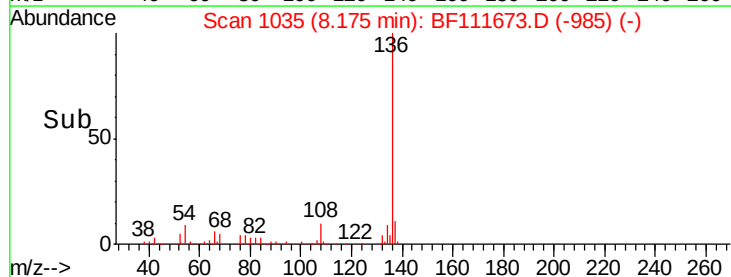
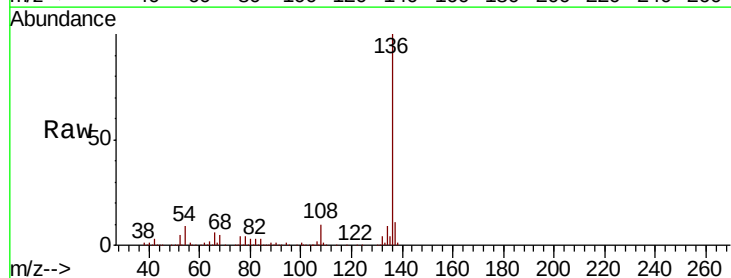
Instrument :
BNA_F
ClientSampleId :

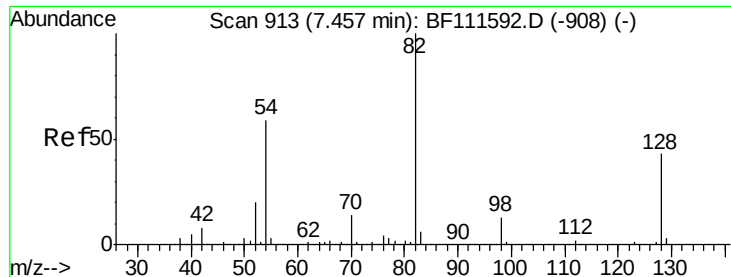
Tot Ion: 70 Resp: 140615
Ion Ratio Lower Upper
70 100
42 54.7 53.2 79.8
101 0.0 8.2 12.4#
130 2.4 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111673.D
Acq: 21 Dec 2018 7:35

Tgt Ion:136 Resp: 582069
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.4 7.7 11.5
68 5.3 4.9 7.3

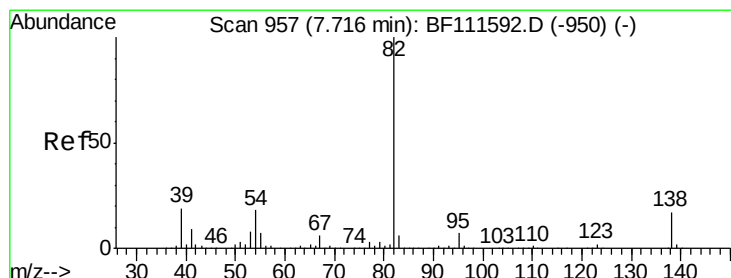
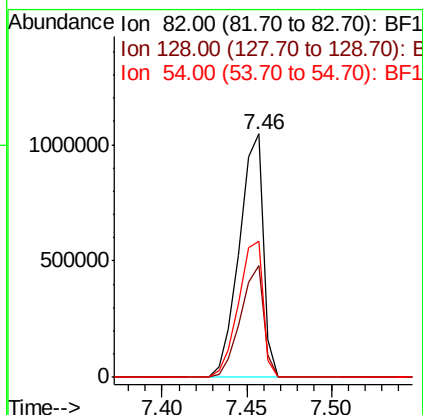
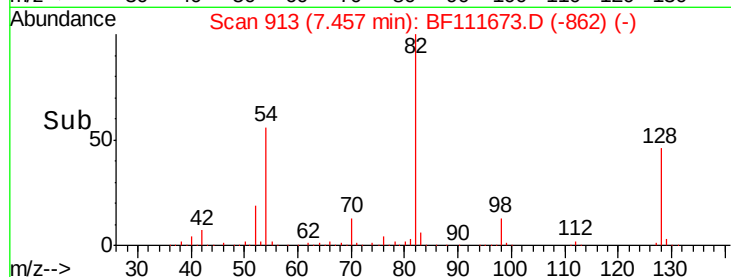
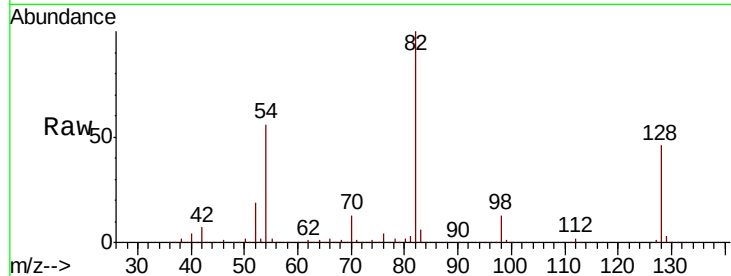




#23
Nitrobenzene-d5
Concen: 103.768 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111673.D
Acq: 21 Dec 2018 7:35

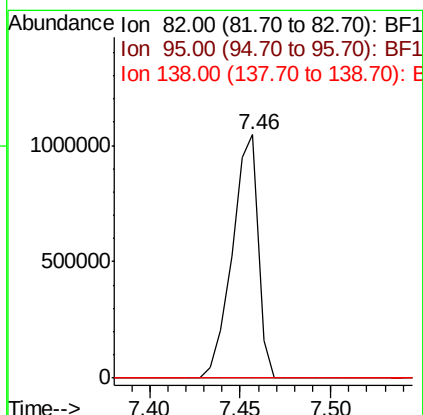
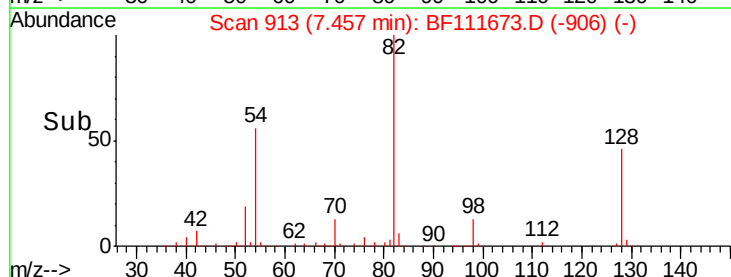
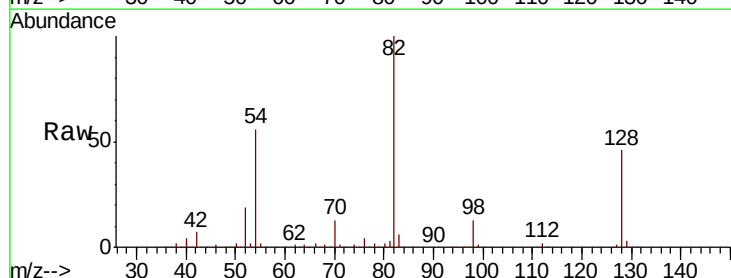
Instrument :
BNA_F
ClientSampleId :

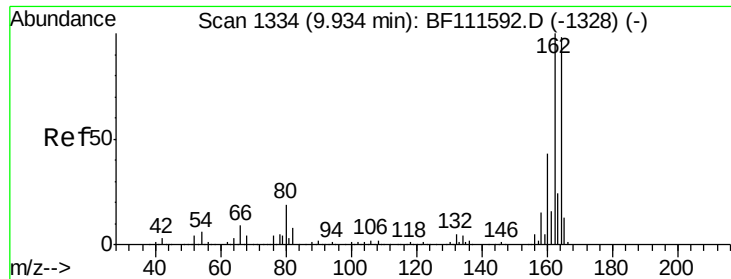
Tot Ion: 82 Resp: 1037662
Ion Ratio Lower Upper
82 100
128 46.0 37.4 56.2
54 56.1 47.6 71.4



#25
Isophorone
Concen: 58.451 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111673.D
Acq: 21 Dec 2018 7:35

Tgt Ion: 82 Resp: 1037648
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

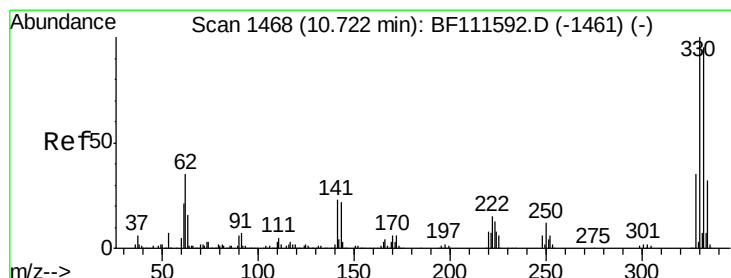
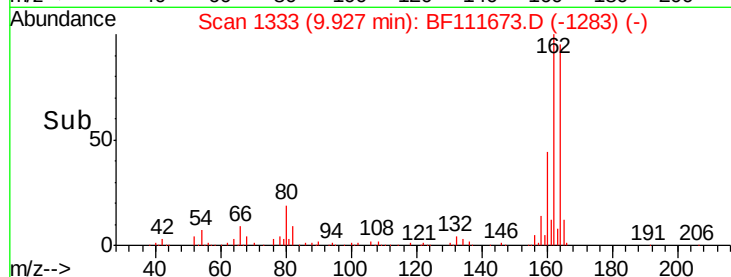
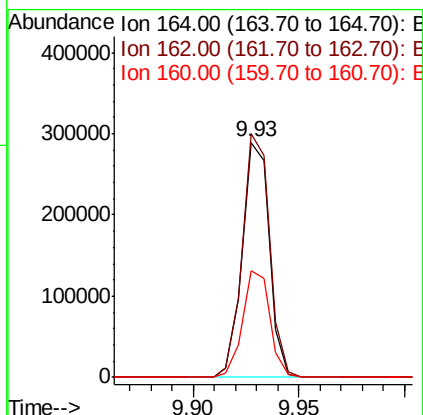
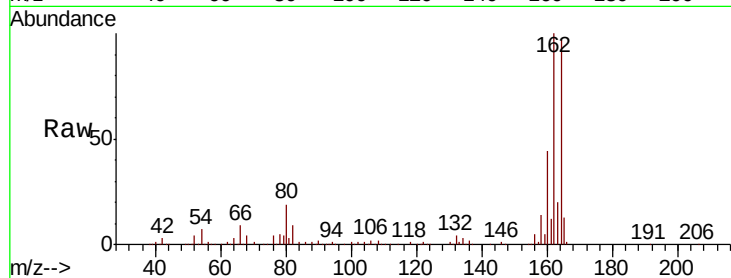




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111673.D
 Acq: 21 Dec 2018 7:35

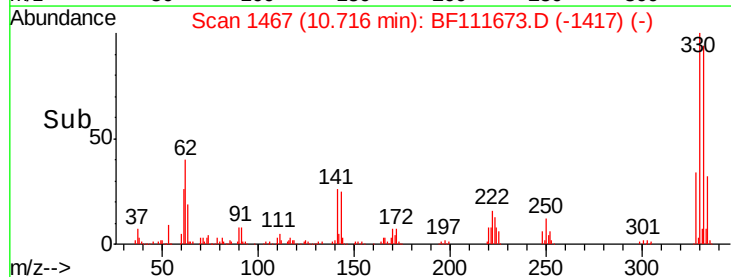
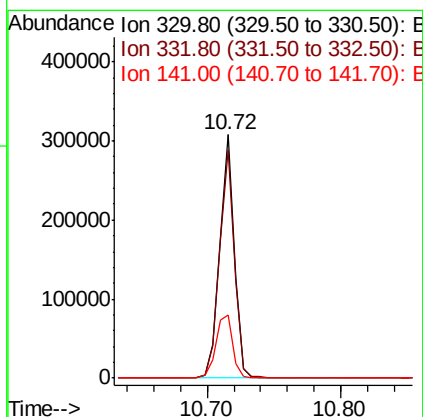
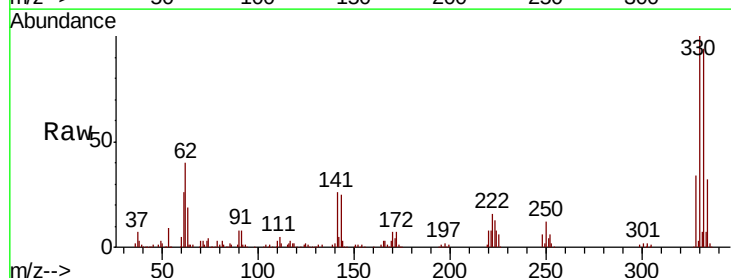
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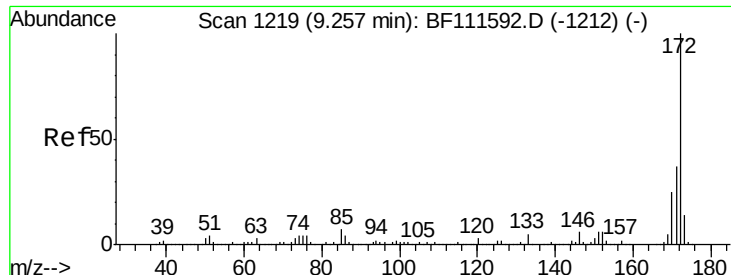
Tot Ion:164 Resp: 257391
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.4 122.0
 160 45.5 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 79.229 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111673.D
 Acq: 21 Dec 2018 7:35

Tgt Ion:330 Resp: 240957
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.0 114.0
 141 29.4 31.0 46.6#

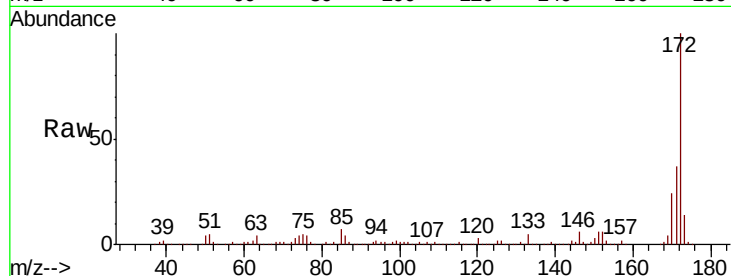




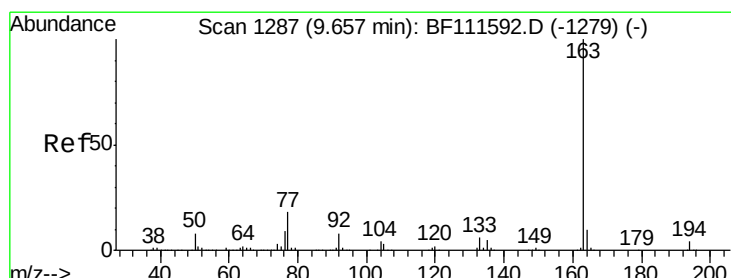
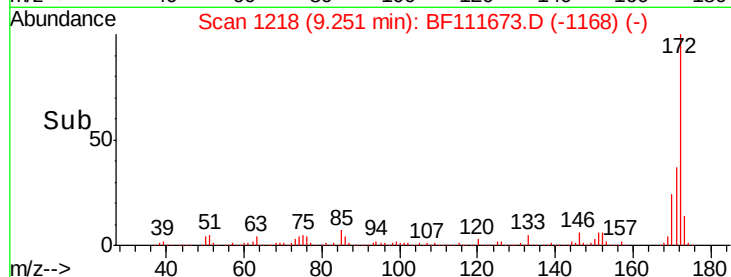
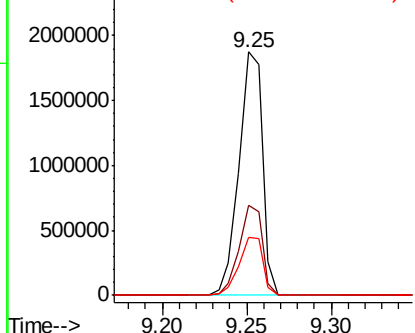
#45
2-Fluorobiphenyl
Concen: 102.905 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111673.D
Acq: 21 Dec 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1817178
Ion Ratio Lower Upper
172 100
171 36.8 33.0 49.4
170 23.8 22.3 33.5

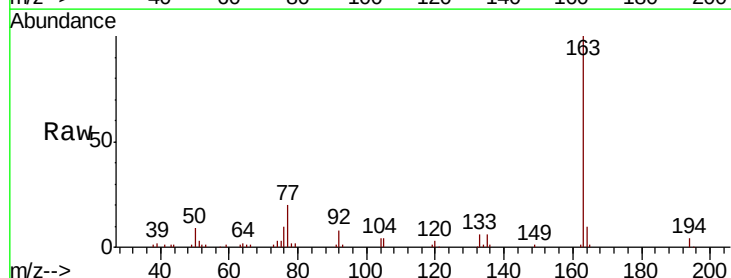


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

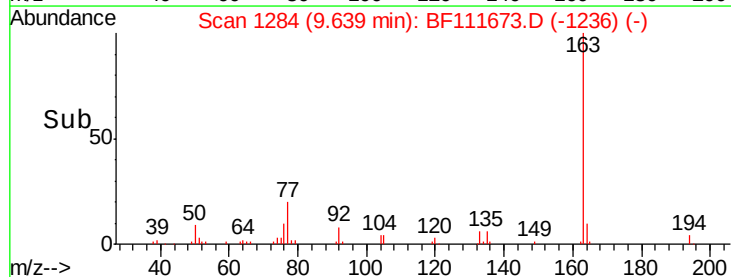
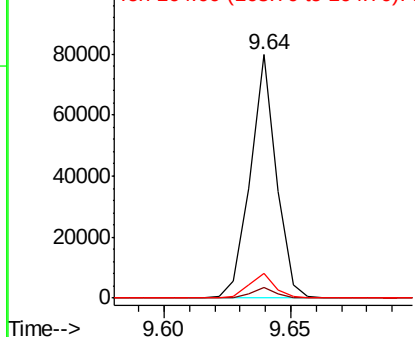


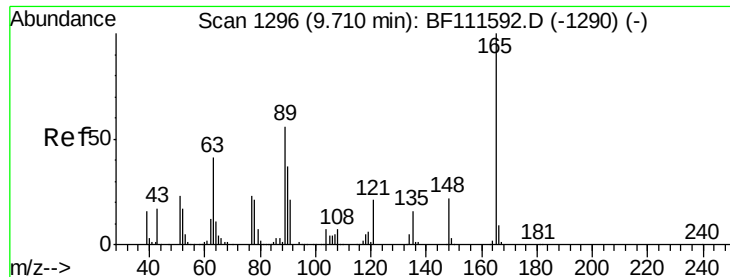
#50
Dimethylphthalate
Concen: 3.019 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111673.D
Acq: 21 Dec 2018 7:35

Tgt Ion:163 Resp: 56831
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.0 8.9 13.3



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

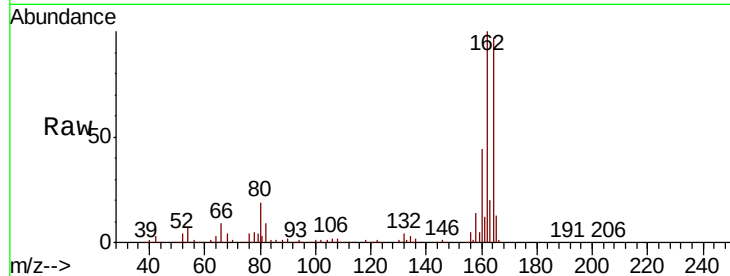




#51
 2,6-Dinitrotoluene
 Concen: 8.761 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF111673.D
 Acq: 21 Dec 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.5	60.7#
89	0.9	40.0	60.0#

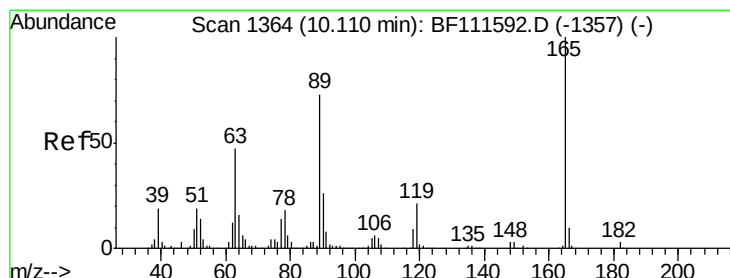
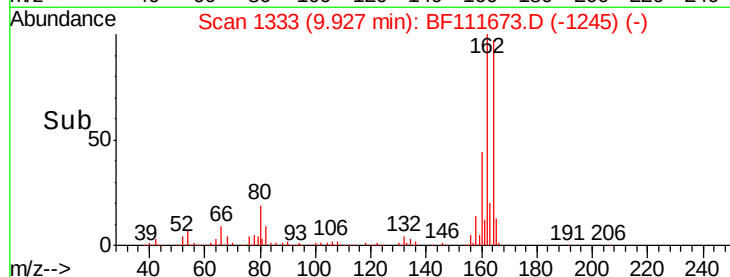
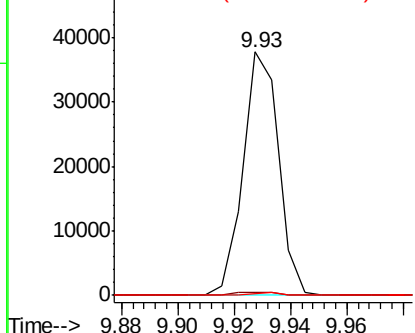


Abundance

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



#57
 2,4-Dinitrotoluene
 Concen: 7.290 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.18 min
 Lab File: BF111673.D
 Acq: 21 Dec 2018 7:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	0.9	56.2	84.4#
182	0.0	1.8	2.6#

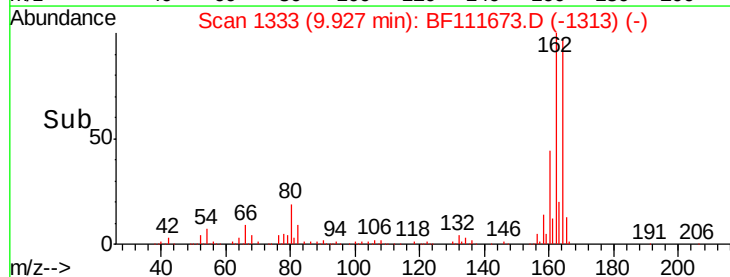
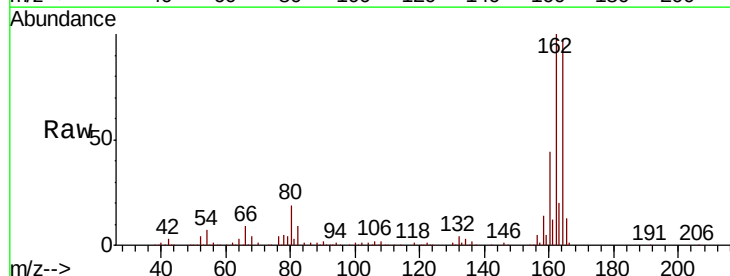
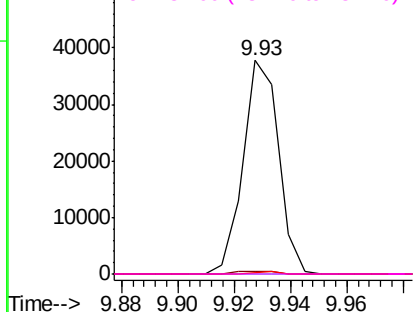
Abundance

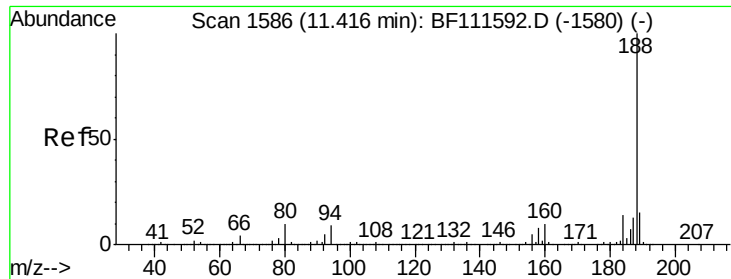
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

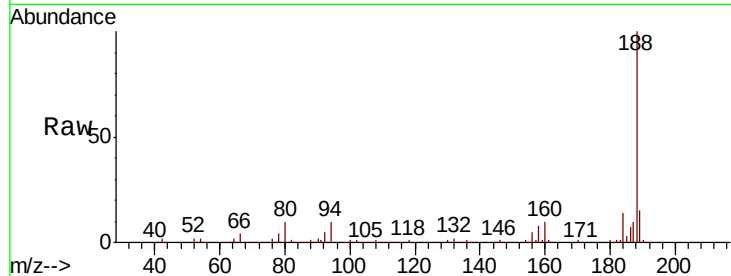




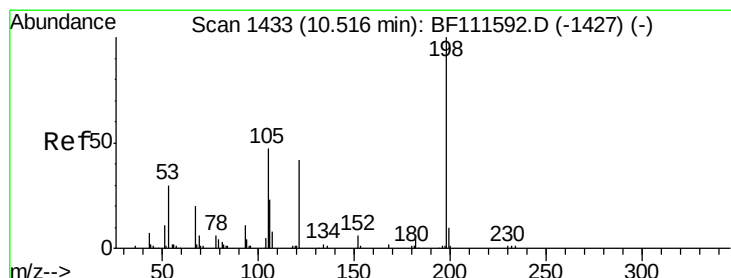
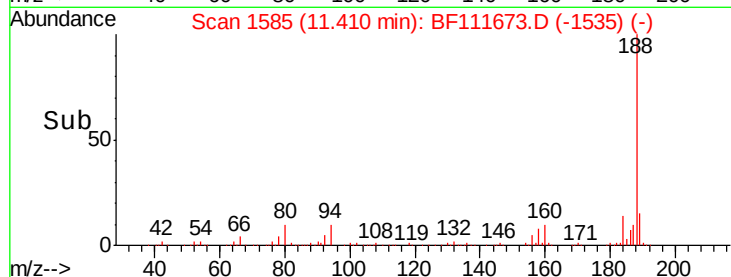
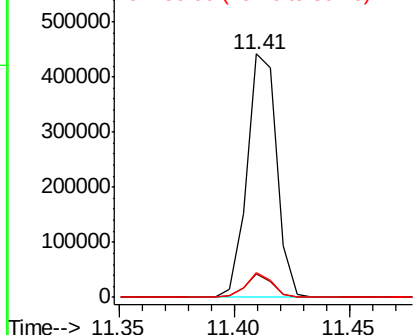
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111673.D
 Acq: 21 Dec 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 397943
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.6 14.4#
 80 10.3 9.8 14.6

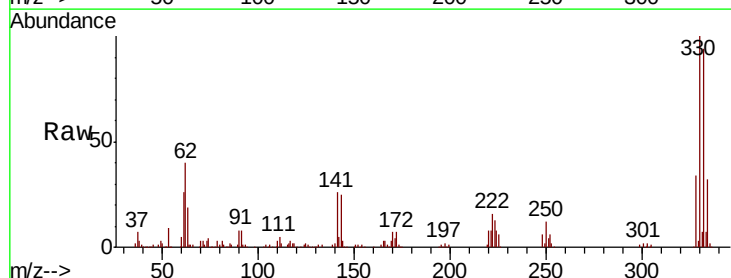


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

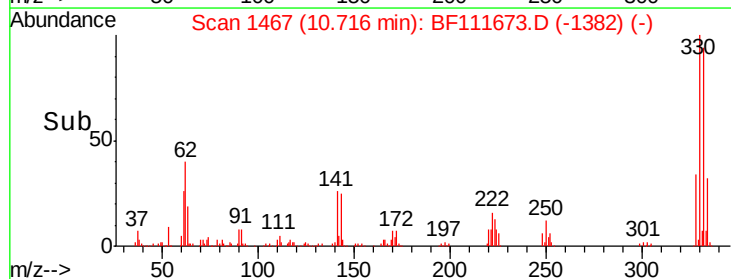
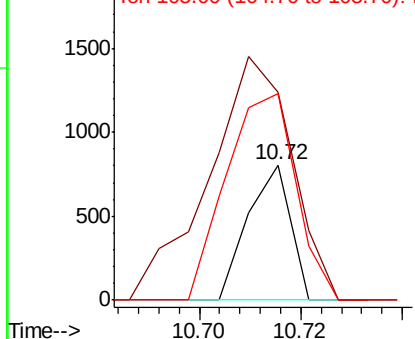


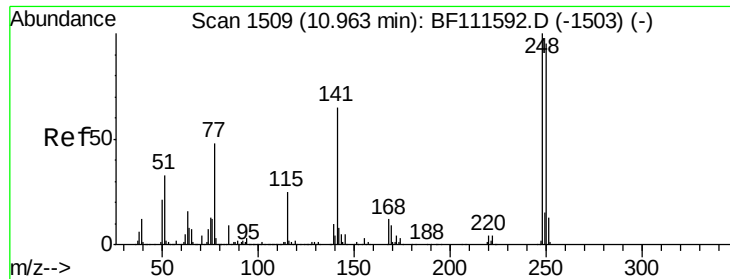
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.937 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF111673.D
 Acq: 21 Dec 2018 7:35

Tgt Ion:198 Resp: 467
 Ion Ratio Lower Upper
 198 100
 51 153.7 48.0 88.0#
 105 152.9 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

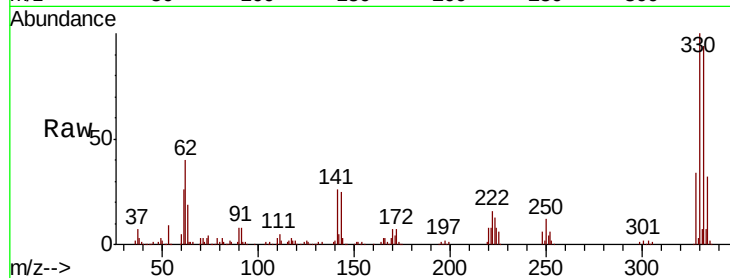




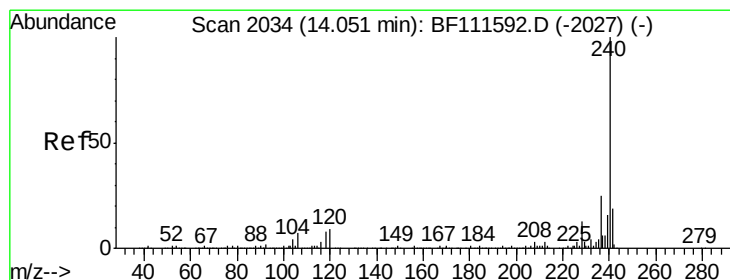
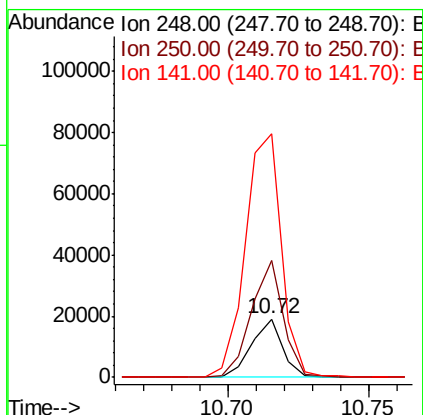
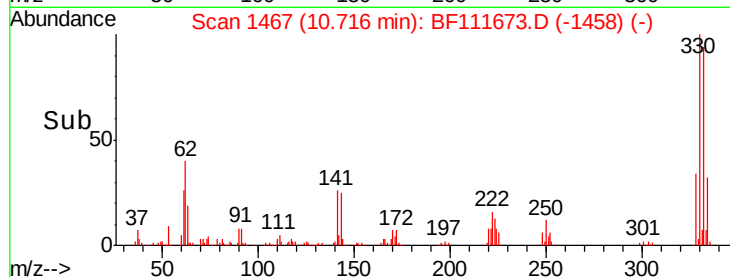
#67
4-Bromophenyl-phenylether
Concen: 2.946 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111673.D
Acq: 21 Dec 2018 7:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14541
Ion Ratio Lower Upper
248 100
250 199.6 77.0 115.4#
141 416.5 63.0 94.6#

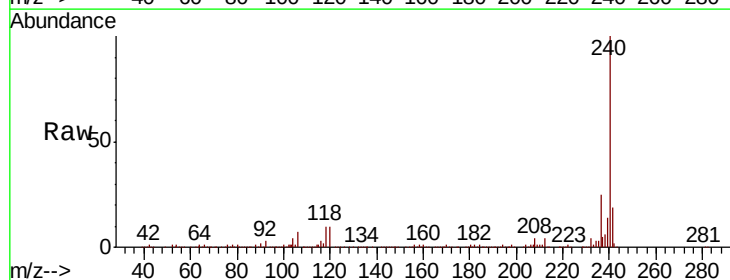


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

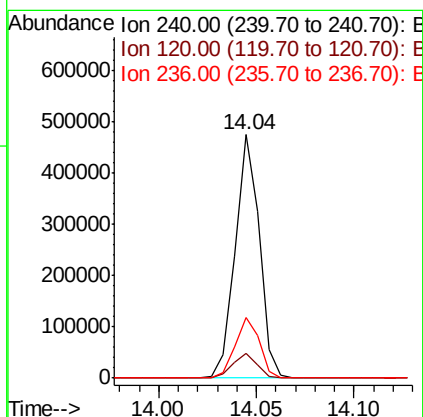
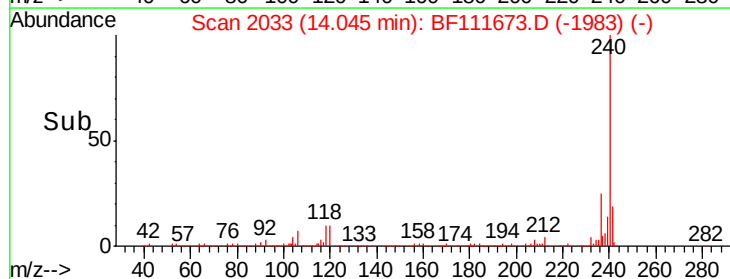


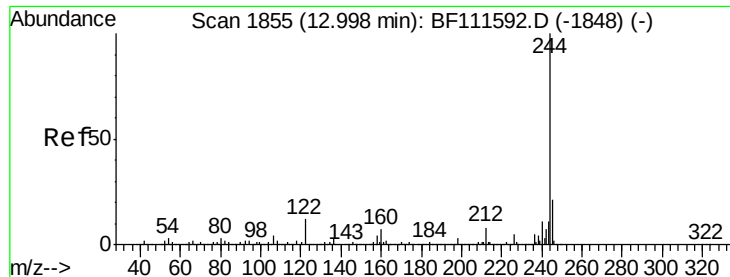
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111673.D
Acq: 21 Dec 2018 7:35

Tgt Ion:240 Resp: 407185
Ion Ratio Lower Upper
240 100
120 10.2 12.2 18.2#
236 24.7 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: 65.271 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111673.D

Acq: 21 Dec 2018 7:35

Instrument :

BNA_F

ClientSampleId :

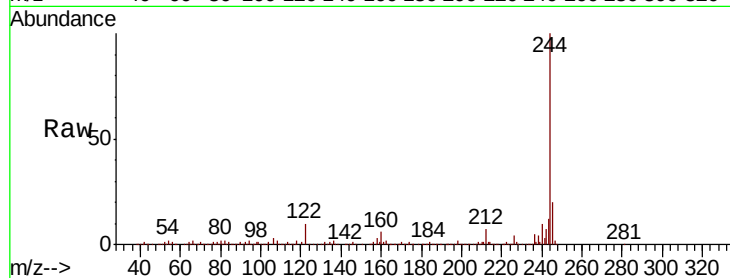
Tot Ion:244 Resp: 1401451

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

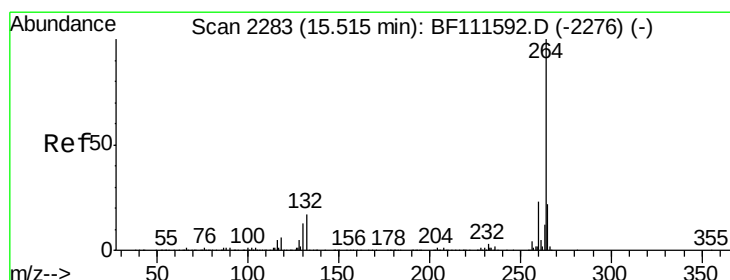
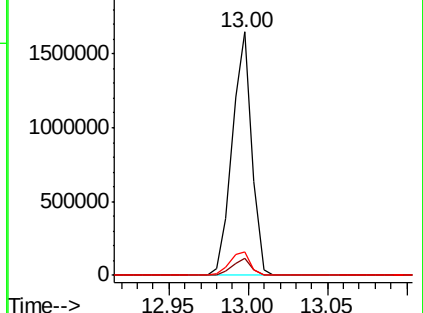
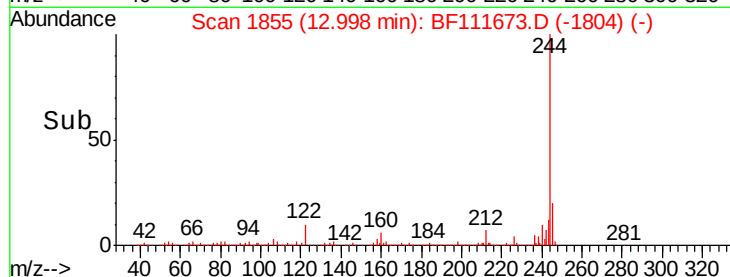
122 9.6 13.1 19.7#



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: BF111673.D

Acq: 21 Dec 2018 7:35

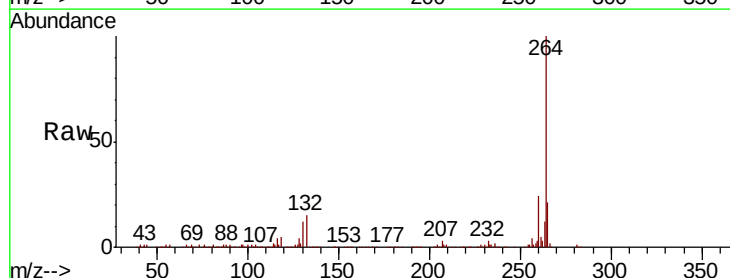
Tgt Ion:264 Resp: 300829

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.4 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

