

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111730.D
 Acq On : 26 Dec 2018 22:52
 Operator : JU/SJ
 Sample : J6525-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 02:16:31 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	156514	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	534165	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	218814	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	358209	20.00	ng	0.00
76) Chrysene-d12	14.06	240	339916	20.00	ng	0.00
87) Perylene-d12	15.54	264	233073	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	866764	94.40	ng	0.02
7) Phenol-d6	6.54	99	1073342	91.85	ng	0.02
23) Nitrobenzene-d5	7.46	82	661622	72.10	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	226729	87.69	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1093840	72.86	ng	0.00
79) Terphenyl-d14	13.00	244	945473	52.75	ng	0.00

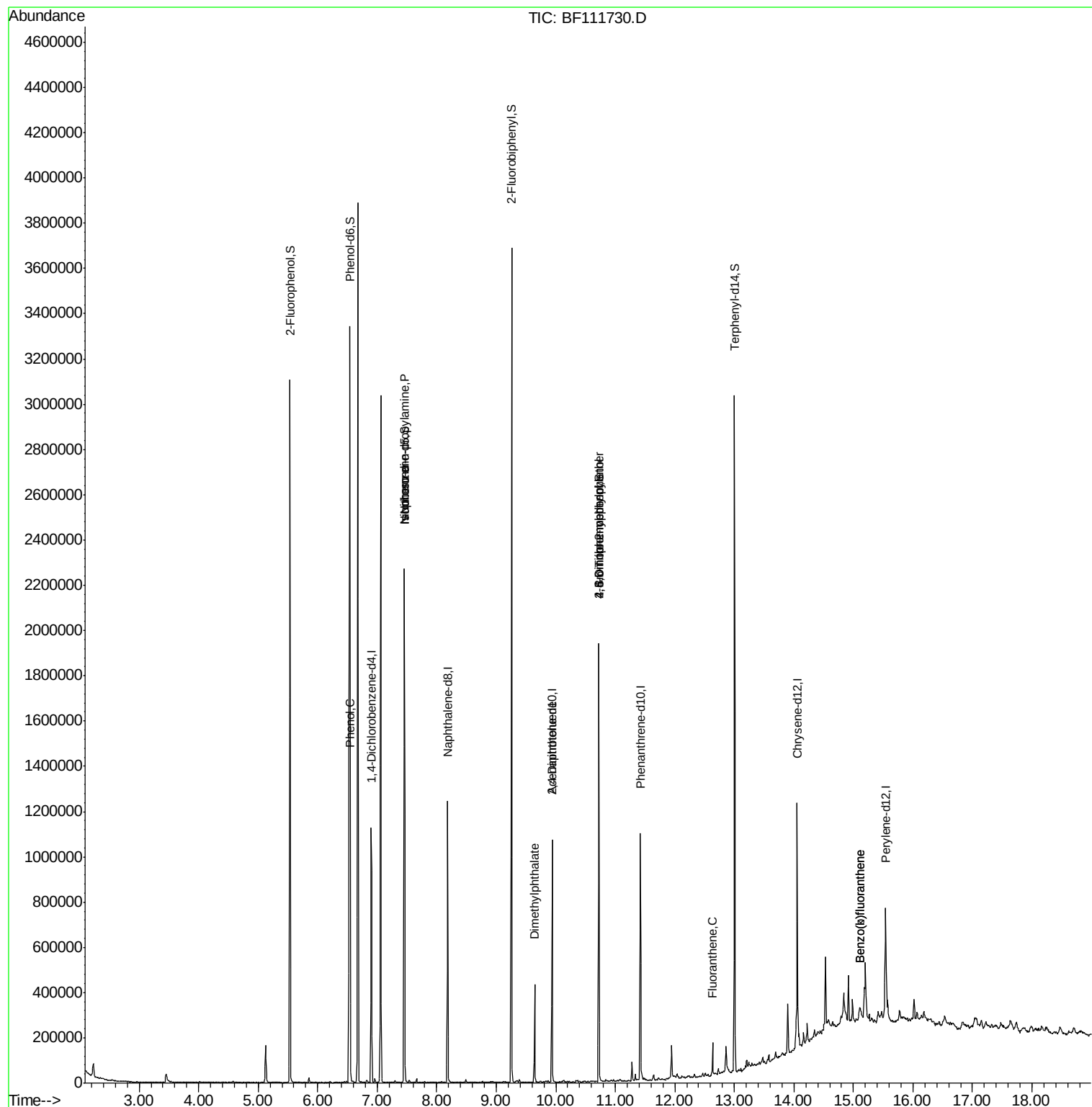
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.55	94	75816	5.750	ng	94
19) n-Nitroso-di-n-propylamine	7.46	70	90059	11.604	ng	# 80
25) Isophorone	7.46	82	661613	40.611	ng	# 64
50) Dimethylphthalate	9.65	163	165317	10.332	ng	97
57) 2,4-Dinitrotoluene	9.93	165	28592	7.456	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.72	198	395	6.922	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	13937	3.137	ng	# 1
75) Fluoranthene	12.63	202	49049	2.550	ng	95
88) Benzo(b)fluoranthene	15.10	252	36319	2.666	ng	# 91
89) Benzo(k)fluoranthene	15.10	252	36319	2.801	ng	# 91

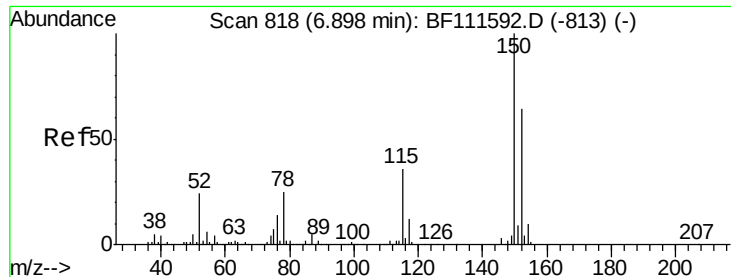
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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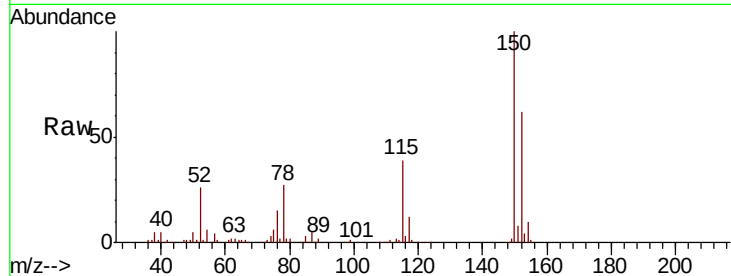


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.6	189.8
115	62.3	50.7	76.1

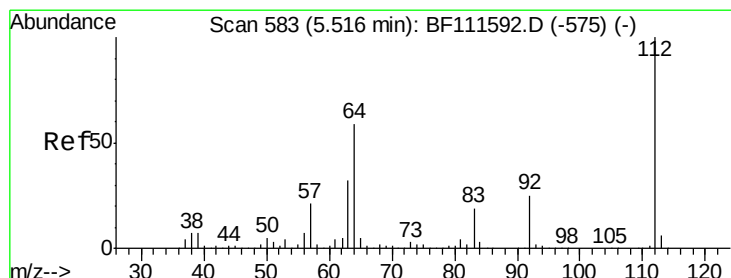
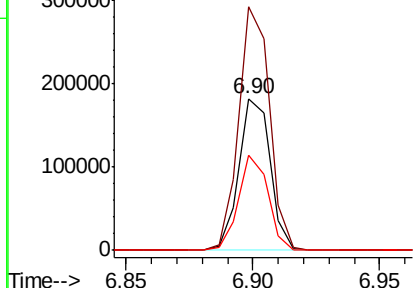
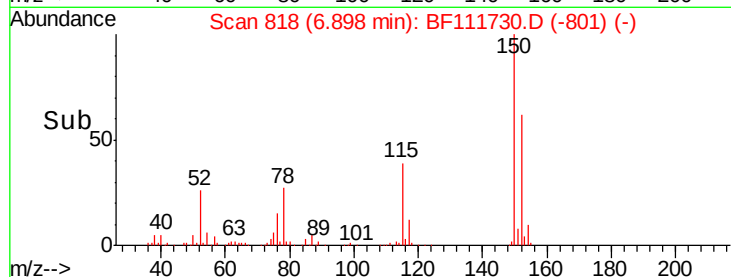


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

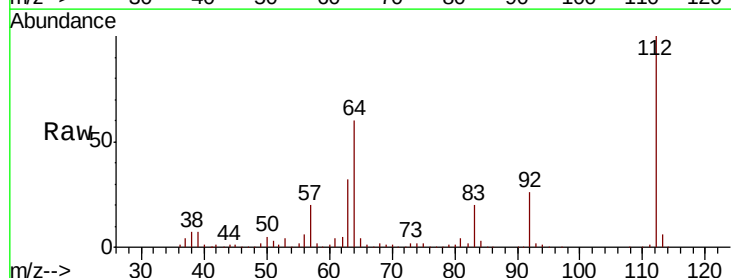
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.396 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	51.8	77.6
63	31.9	26.8	40.2

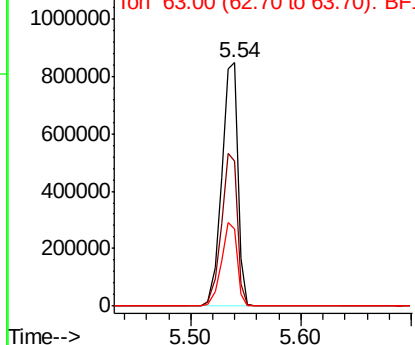
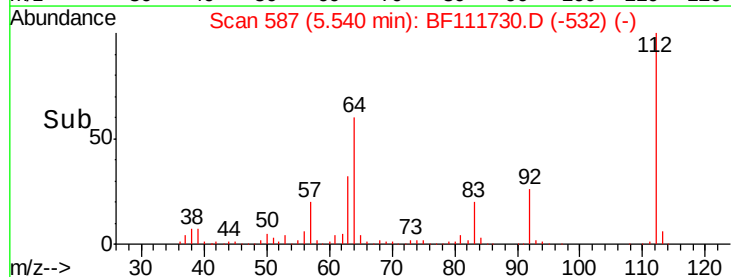


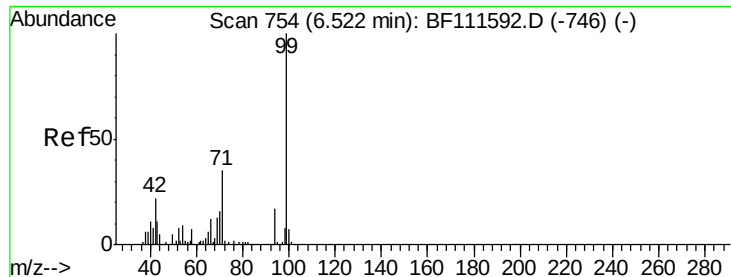
Abundance

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: 91.851 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111730.D

Acq: 26 Dec 2018 22:52

Instrument :

BNA_F

ClientSampled :

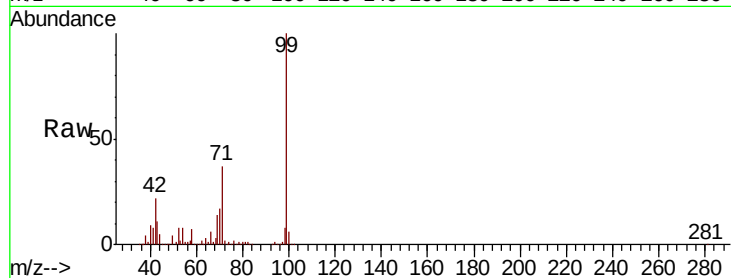
Tot Ion: 99 Resp: 1073342

Ion Ratio Lower Upper

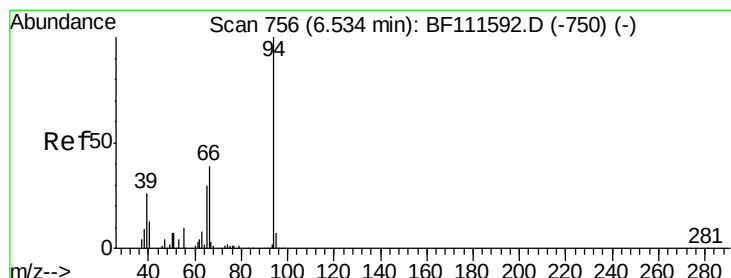
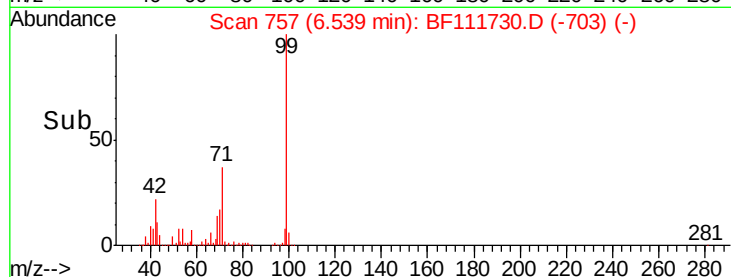
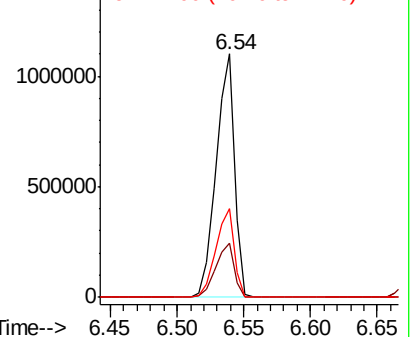
99 100

42 22.2 17.4 26.0

71 36.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.750 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111730.D

Acq: 26 Dec 2018 22:52

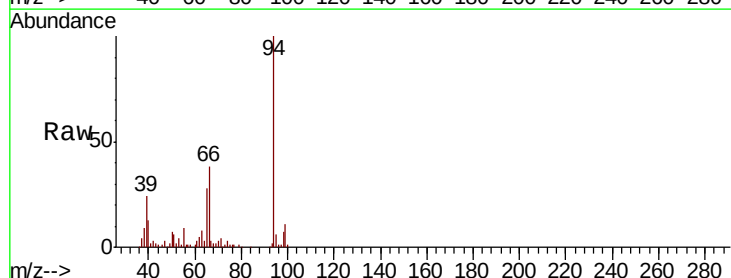
Tgt Ion: 94 Resp: 75816

Ion Ratio Lower Upper

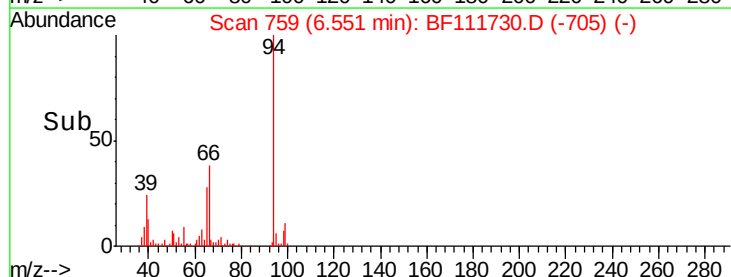
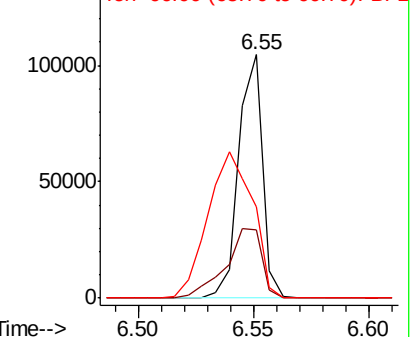
94 100

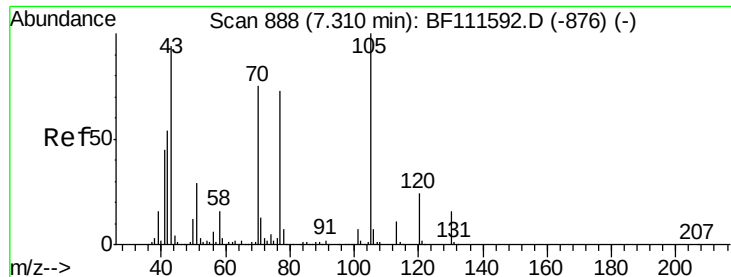
65 28.2 11.7 51.7

66 37.5 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
100000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

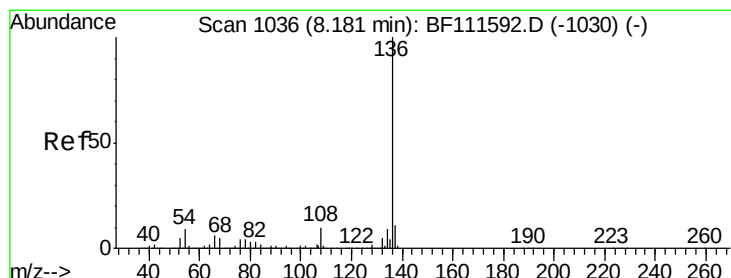
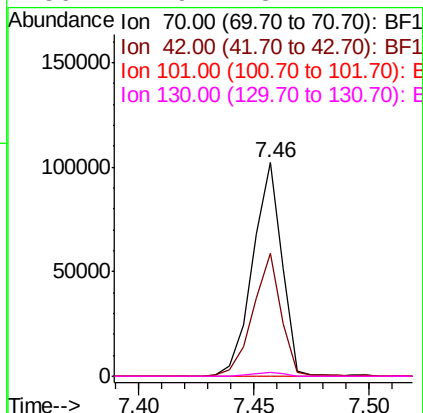
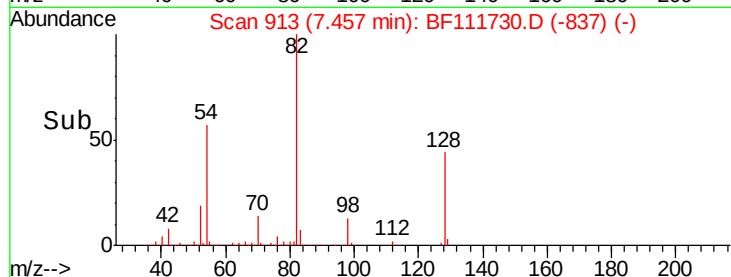
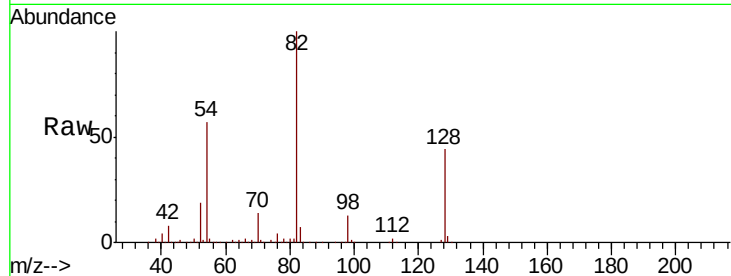




#19
n-Nitroso-di-n-propylamine
Concen: 11.604 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

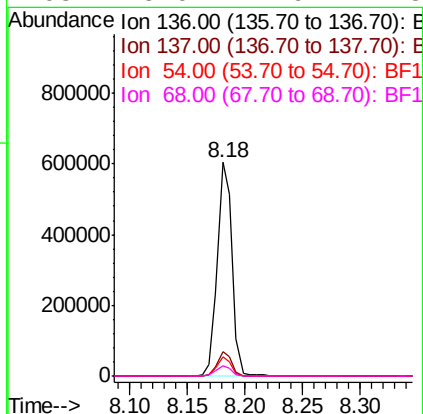
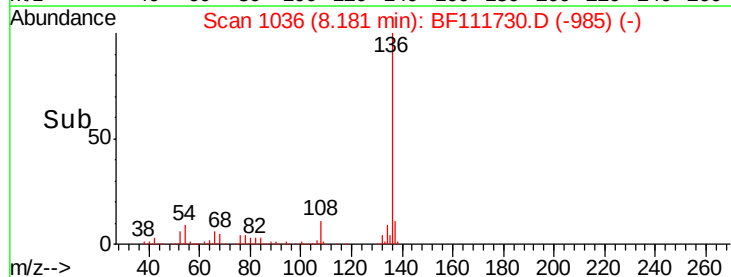
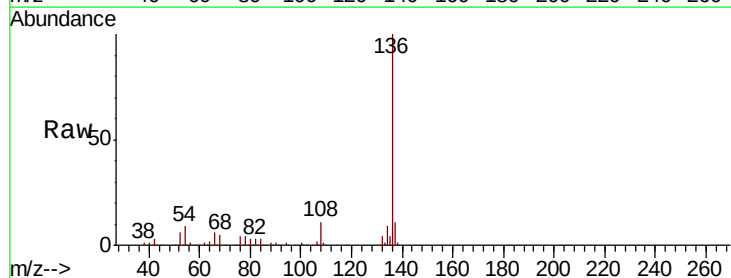
Instrument :
BNA_F
ClientSampleId :

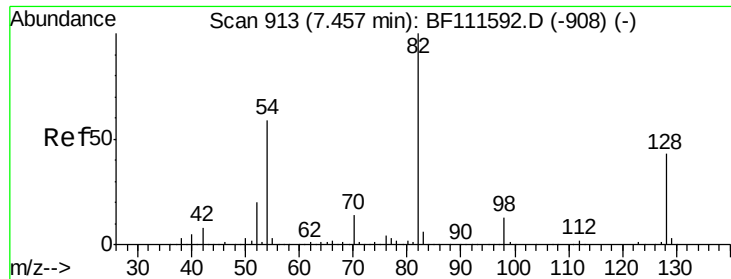
Tot Ion: 70 Resp: 90059
Ion Ratio Lower Upper
70 100
42 57.7 53.2 79.8
101 0.0 8.2 12.4#
130 1.9 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Tgt Ion:136 Resp: 534165
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.0 7.7 11.5
68 5.0 4.9 7.3

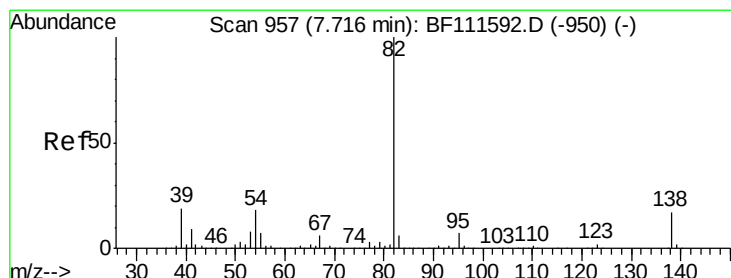
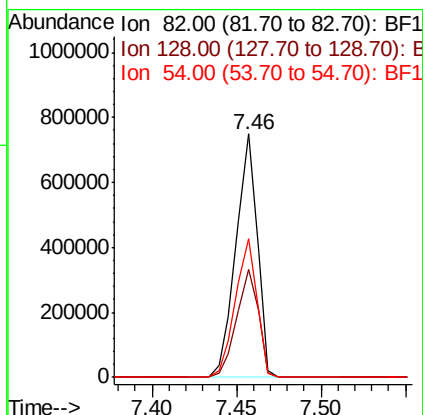
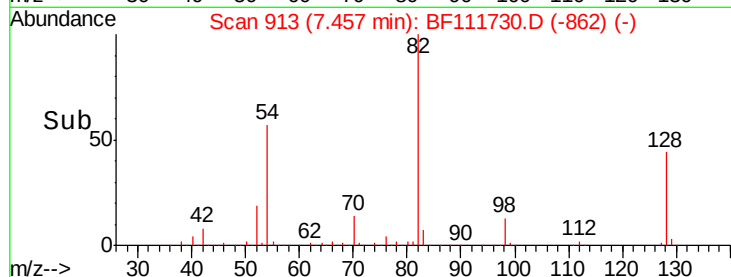
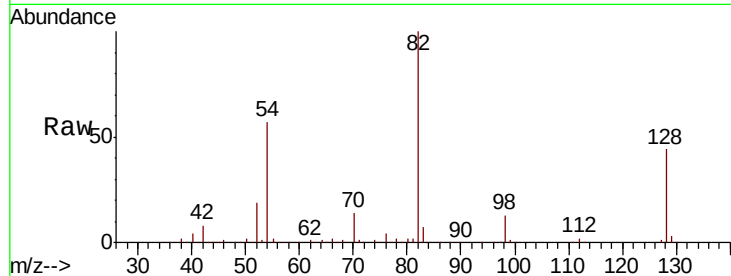




#23
Nitrobenzene-d5
Concen: 72.097 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

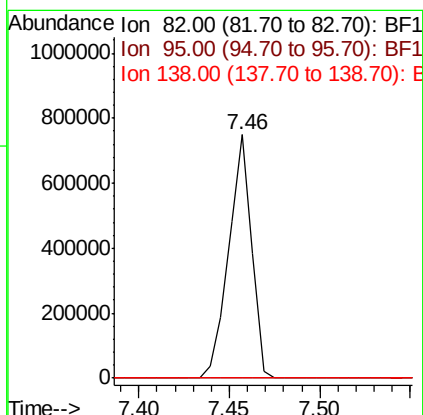
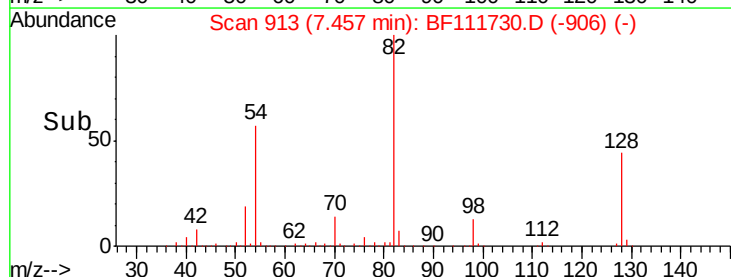
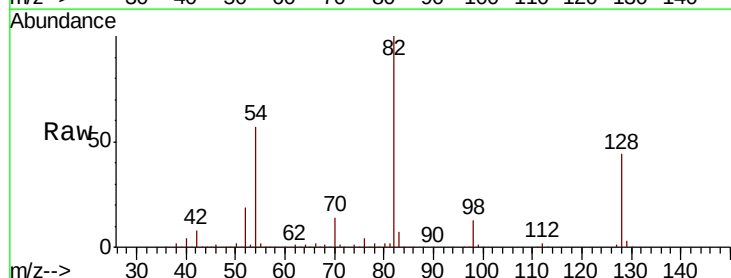
Instrument :
BNA_F
ClientSampleId :

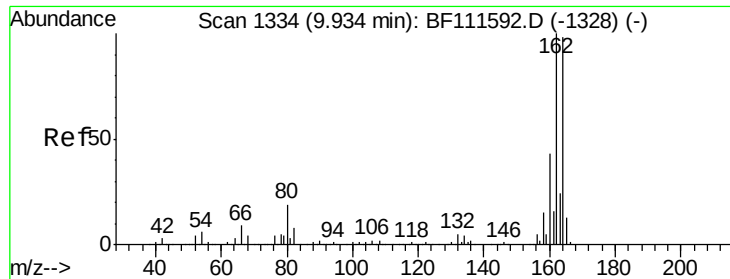
Tot Ion: 82 Resp: 661622
Ion Ratio Lower Upper
82 100
128 44.2 37.4 56.2
54 57.0 47.6 71.4



#25
Isophorone
Concen: 40.611 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Tgt Ion: 82 Resp: 661613
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

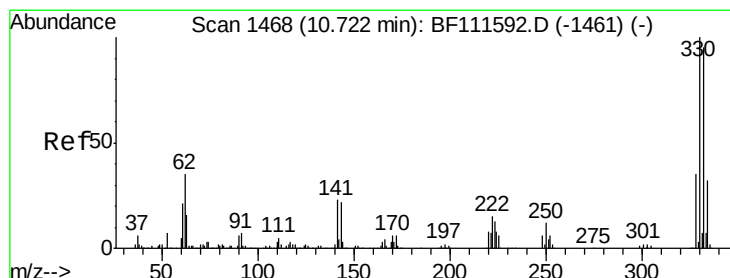
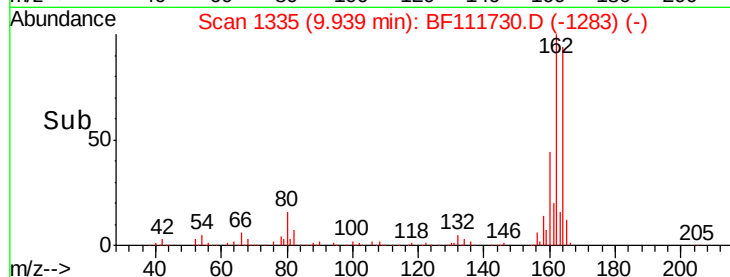
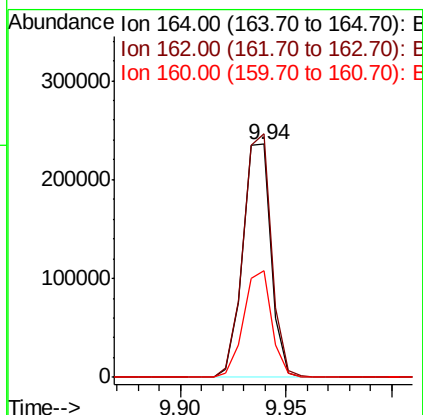
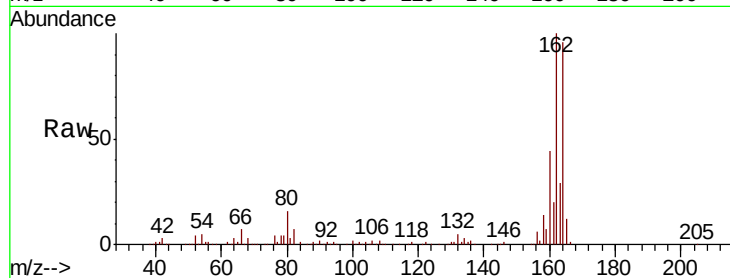




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111730.D
 Acq: 26 Dec 2018 22:52

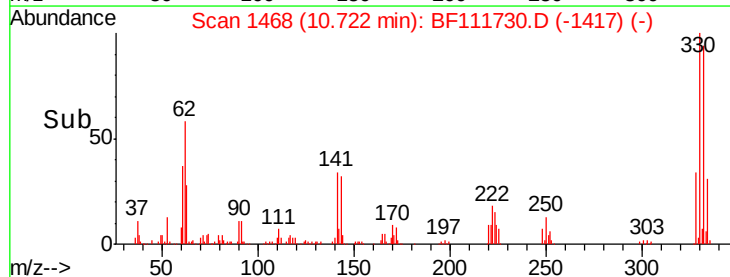
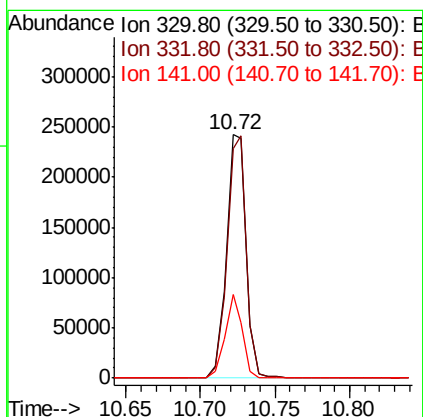
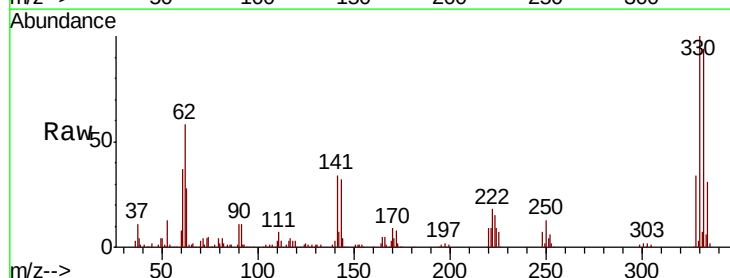
Instrument :
 BNA_F
 ClientSampleId :

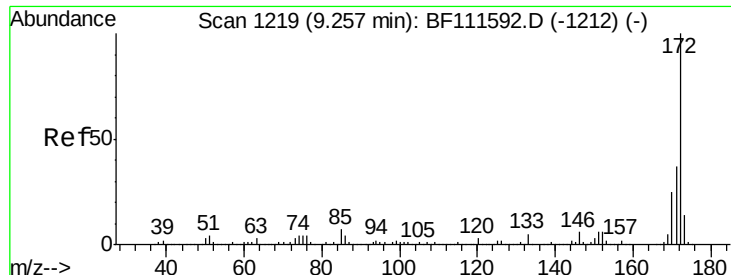
Tot Ion:164 Resp: 218814
 Ion Ratio Lower Upper
 164 100
 162 104.6 81.4 122.0
 160 46.0 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 87.694 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111730.D
 Acq: 26 Dec 2018 22:52

Tgt Ion:330 Resp: 226729
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.0 114.0
 141 30.0 31.0 46.6#

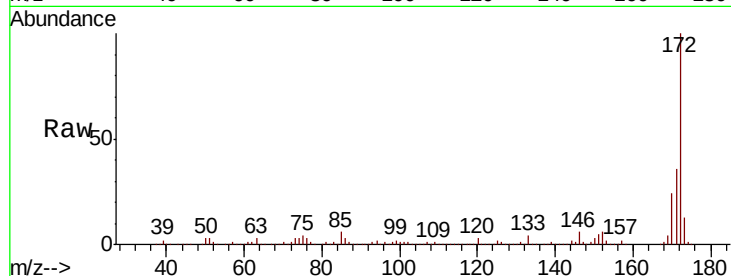




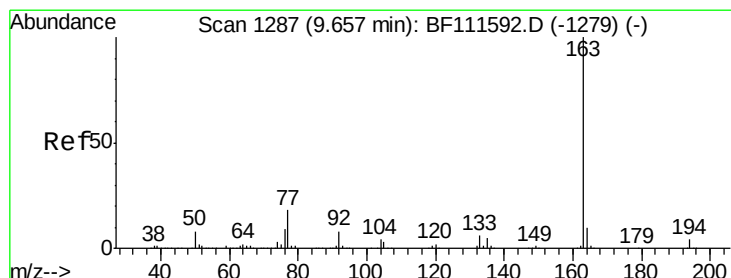
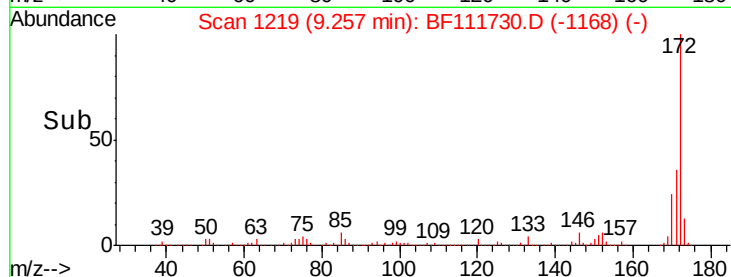
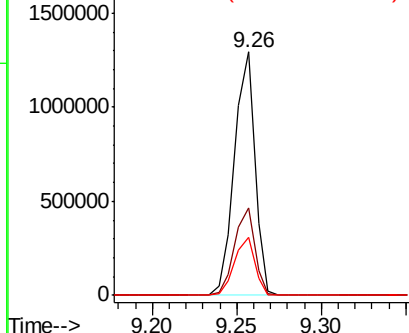
#45
2-Fluorobiphenyl
Concen: 72.863 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1093840
Ion Ratio Lower Upper
172 100
171 35.8 33.0 49.4
170 24.0 22.3 33.5

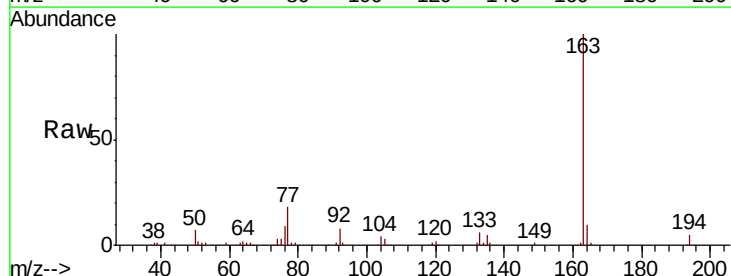


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

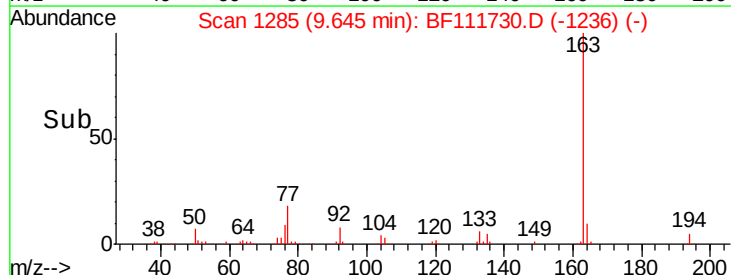
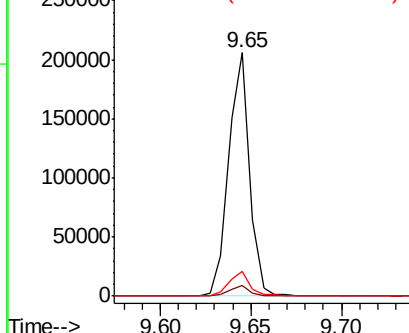


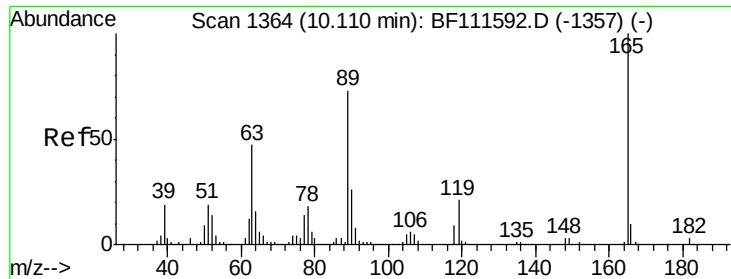
#50
Dimethylphthalate
Concen: 10.332 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Tgt Ion:163 Resp: 165317
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 9.9 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

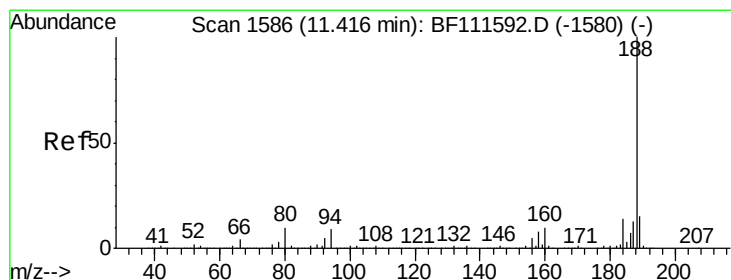
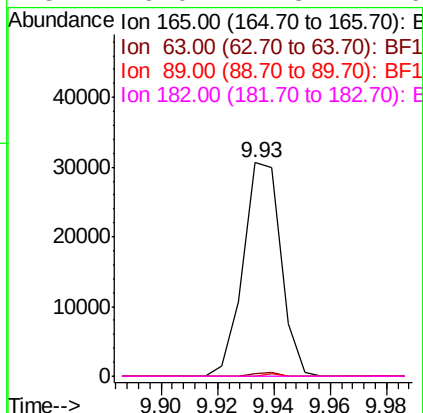
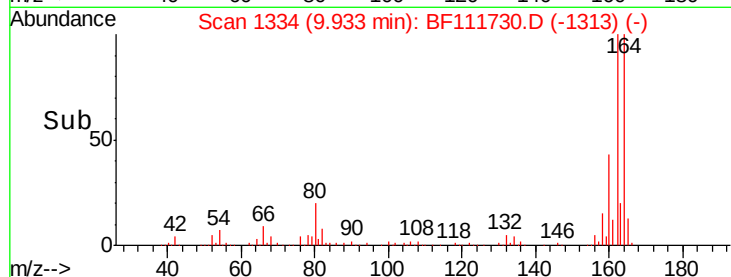
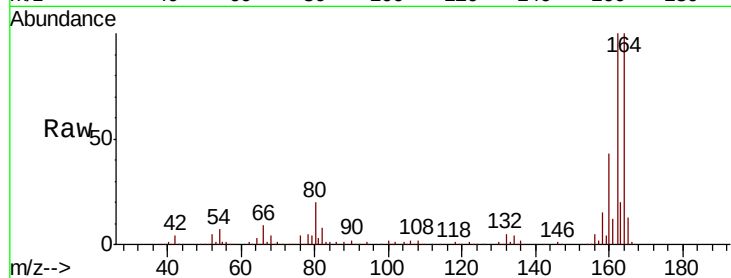




#57
2,4-Dinitrotoluene
Concen: 7.456 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

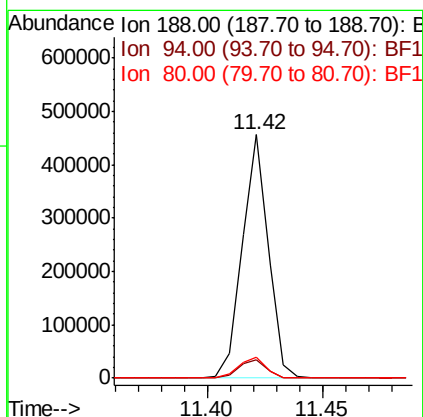
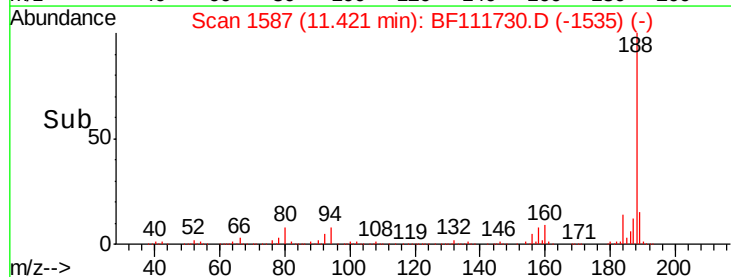
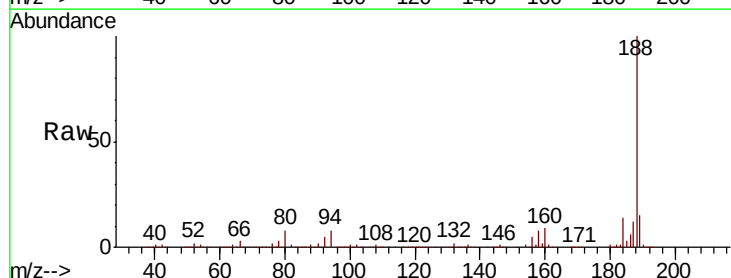
Instrument :
BNA_F
ClientSampleId :

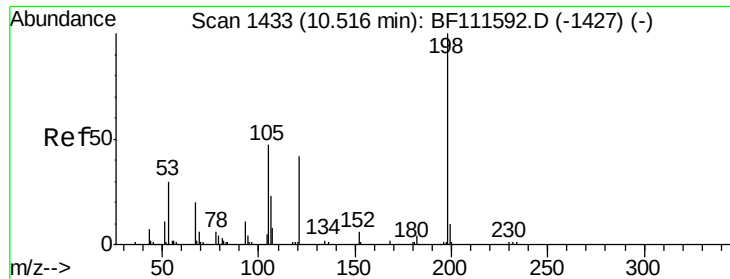
Tot Ion:	165	Resp:	28592
Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.6	52.0#
89	0.0	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Tgt Ion:	188	Resp:	358209
Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.6	14.4#
80	8.3	9.8	14.6#

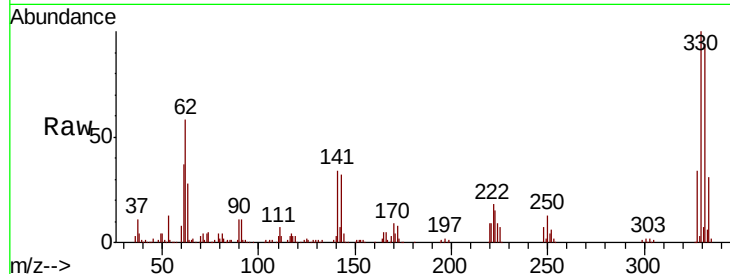




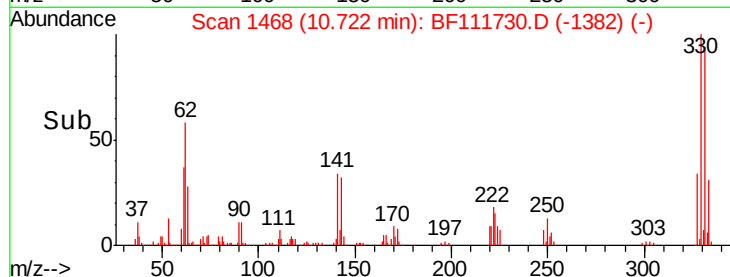
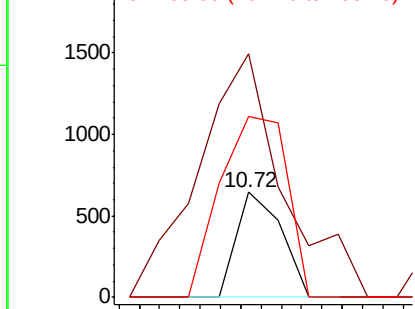
#65
4,6-Dinitro-2-methylphenol
Concen: 6.922 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 395
Ion Ratio Lower Upper
198 100
51 231.4 48.0 88.0#
105 172.1 34.0 74.0#

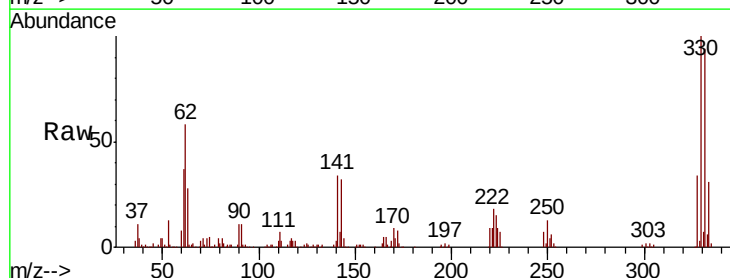
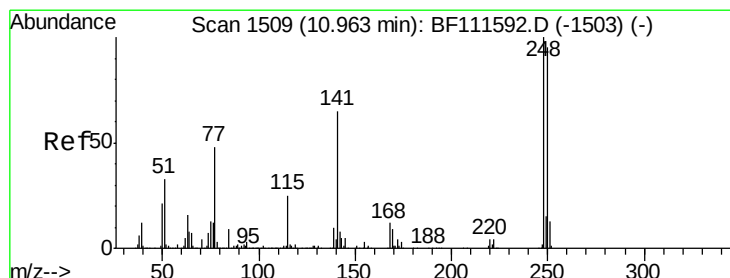


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

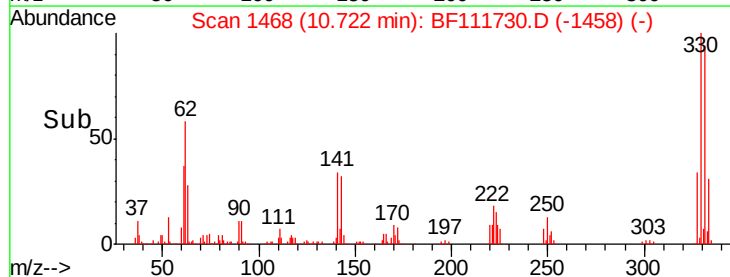
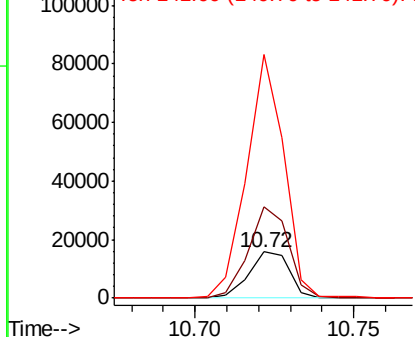


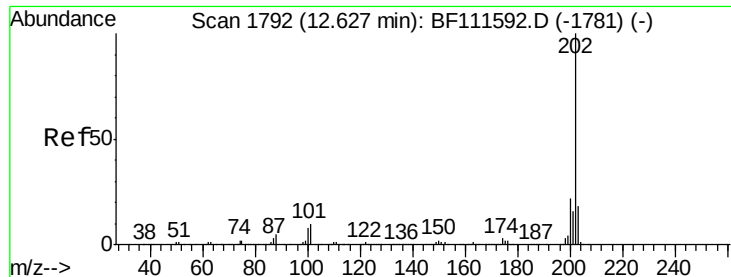
#67
4-Bromophenyl-phenylether
Concen: 3.137 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Tgt Ion:248 Resp: 13937
Ion Ratio Lower Upper
248 100
250 197.3 77.0 115.4#
141 526.7 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





#75

Fluoranthene

Concen: 2.550 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF111730.D

Acq: 26 Dec 2018 22:52

Instrument :

BNA_F

ClientSampleId :

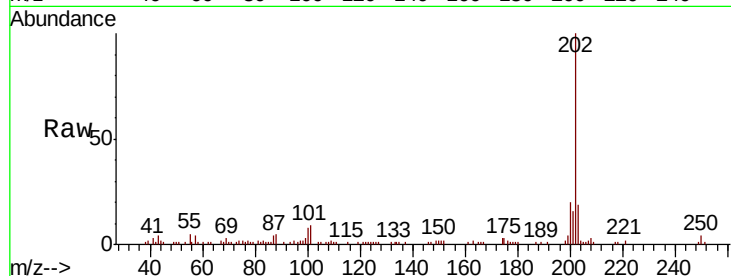
Tot Ion:202 Resp: 49049

Ion Ratio Lower Upper

202 100

101 9.4 0.0 33.8

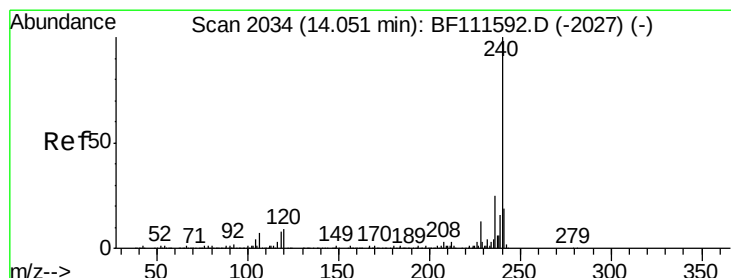
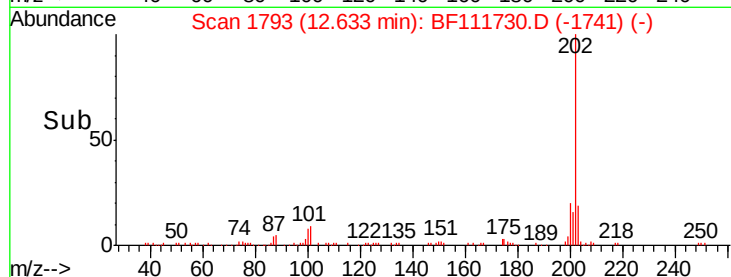
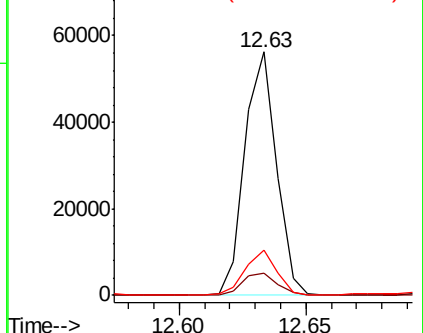
203 18.8 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF111730.D

Acq: 26 Dec 2018 22:52

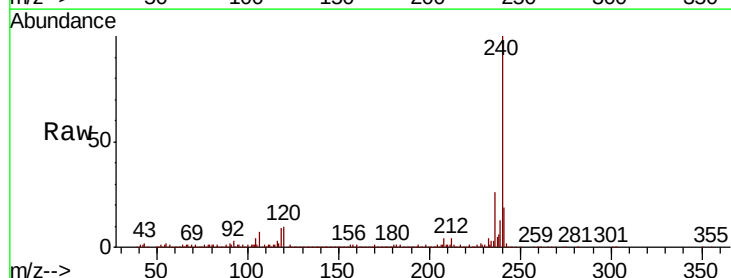
Tgt Ion:240 Resp: 339916

Ion Ratio Lower Upper

240 100

120 9.9 12.2 18.2#

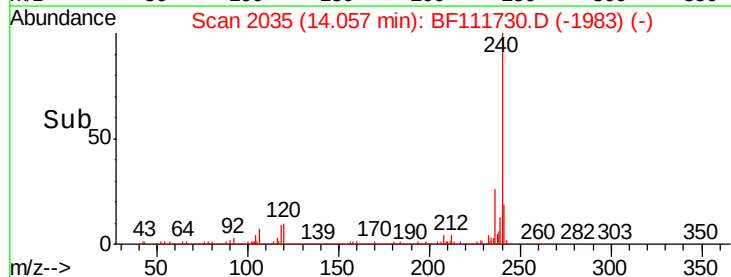
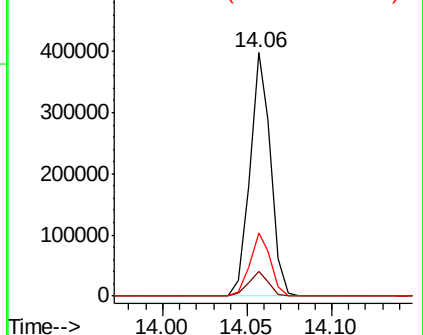
236 26.0 20.2 30.2

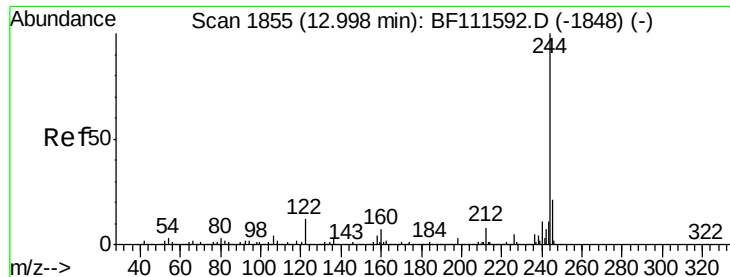


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.749 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111730.D

Acq: 26 Dec 2018 22:52

Instrument :

BNA_F

ClientSampled :

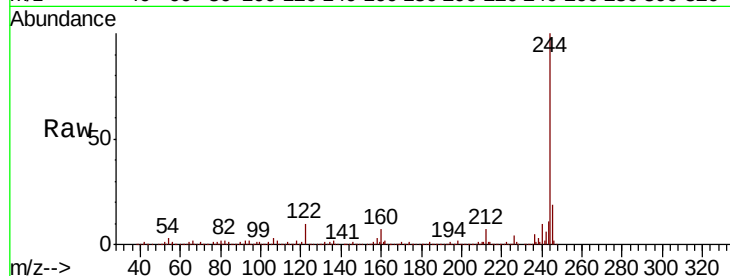
Tot Ion:244 Resp: 945473

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

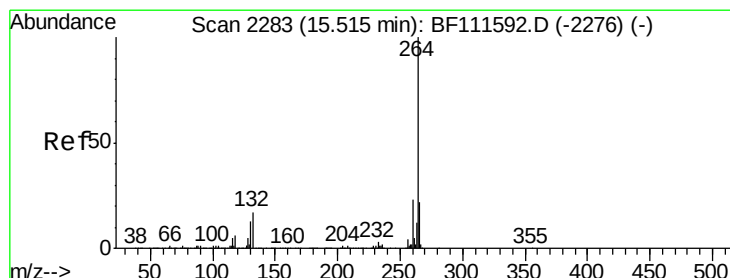
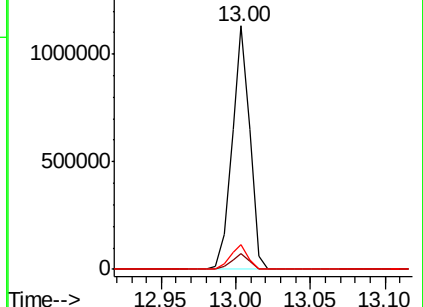
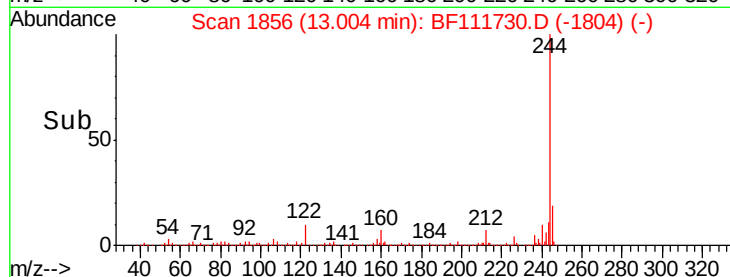
122 10.2 13.1 19.7#



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: 15.54 min Scan# 2287

Delta R.T. 0.02 min

Lab File: BF111730.D

Acq: 26 Dec 2018 22:52

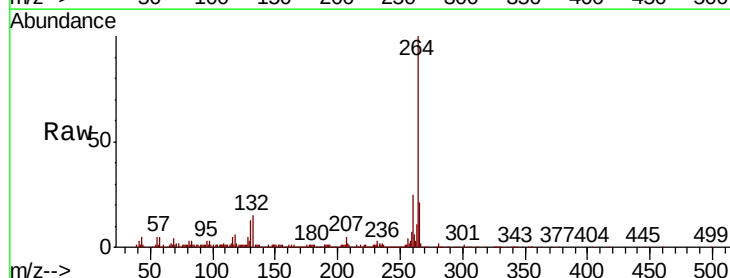
Tgt Ion:264 Resp: 233073

Ion Ratio Lower Upper

264 100

260 24.6 18.3 27.5

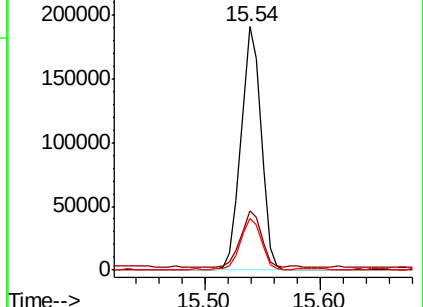
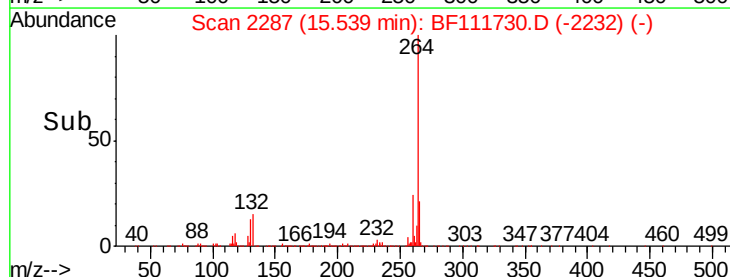
265 21.4 17.7 26.5

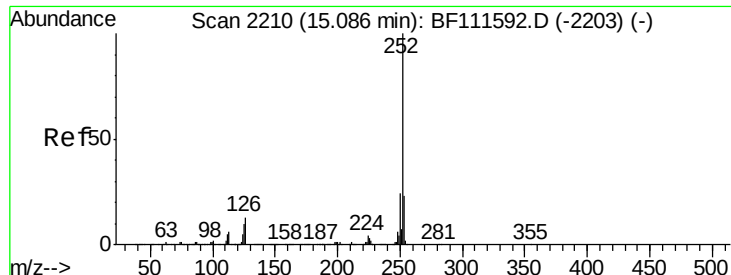


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

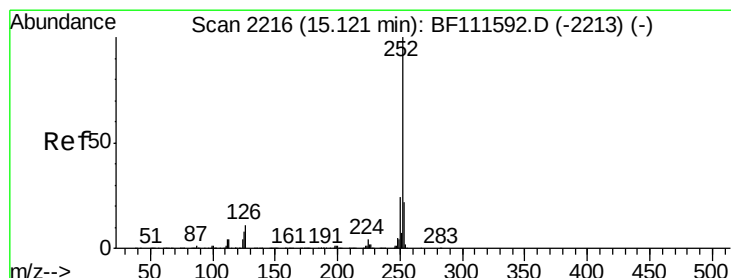
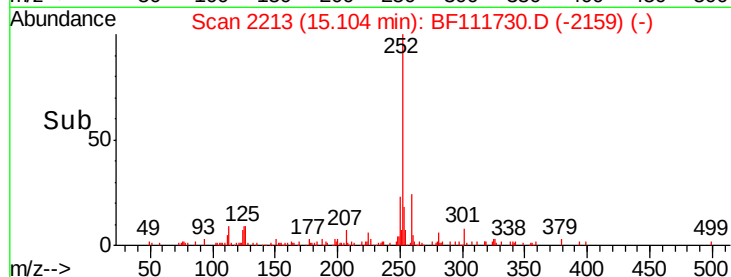
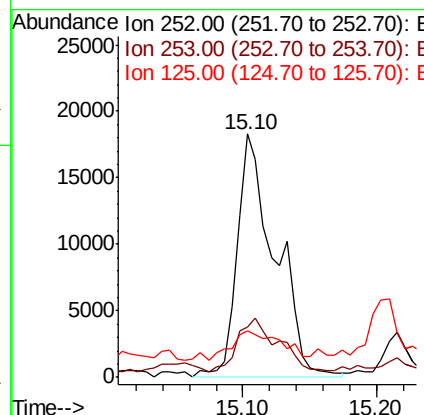
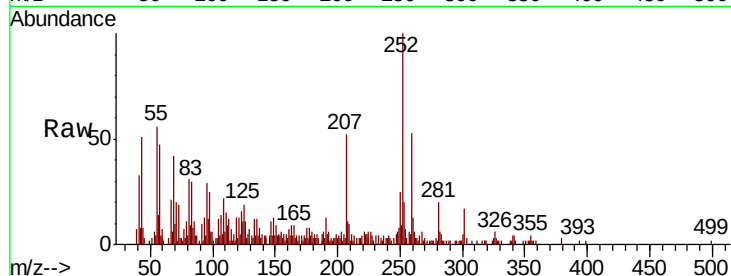




#88
Benzo(b)fluoranthene
Concen: 2.666 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.2	27.2
125	19.1	10.4	15.6



#89
Benzo(k)fluoranthene
Concen: 2.801 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF111730.D
Acq: 26 Dec 2018 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.1	27.1
125	19.1	9.8	14.8

