

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111642.D
 Acq On : 20 Dec 2018 16:51
 Operator : JU/SJ
 Sample : J6445-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB05_12-14

Quant Time: Dec 21 06:18:40 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	190795	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	706151	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	349896	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	658823	20.00	ng	0.00
76) Chrysene-d12	14.04	240	453344	20.00	ng	0.00
87) Perylene-d12	15.53	264	448806	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1044460	93.31	ng	0.00
7) Phenol-d6	6.52	99	1351933	94.90	ng	0.00
23) Nitrobenzene-d5	7.45	82	837059	69.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	348794	84.37	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1624338	67.67	ng	0.00
79) Terphenyl-d14	13.00	244	1623413	67.91	ng	0.00

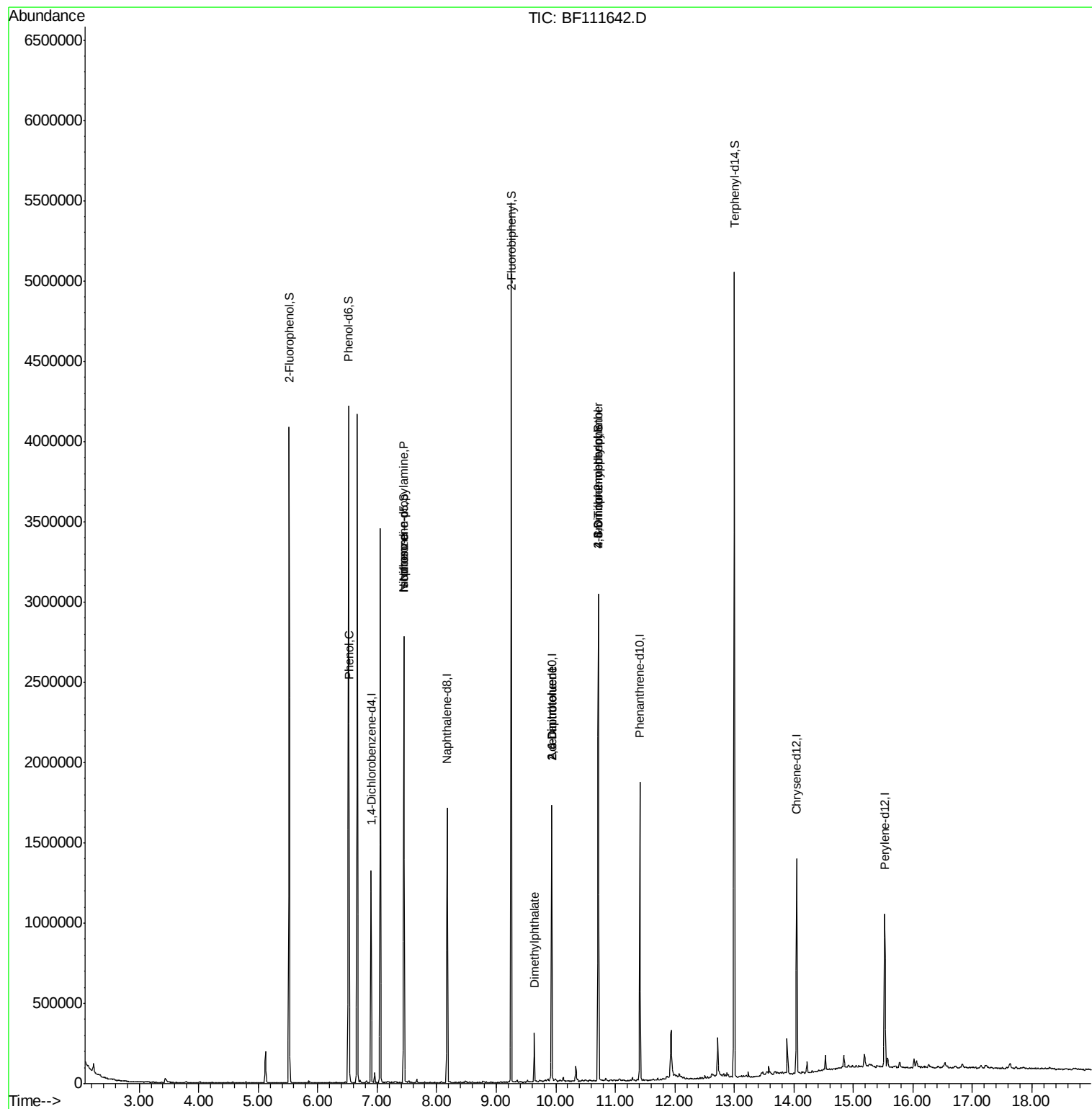
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	82145	5.111	ng	95
19) n-Nitroso-di-n-propylamine	7.45	70	114681	12.122	ng	# 80
25) Isophorone	7.45	82	837046	38.866	ng	# 64
50) Dimethylphthalate	9.64	163	107252	4.192	ng	97
51) 2,6-Dinitrotoluene	9.93	165	45160	8.851	ng	# 30
57) 2,4-Dinitrotoluene	9.93	165	45160	7.365	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	722	6.921	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	21348	2.612	ng	# 1

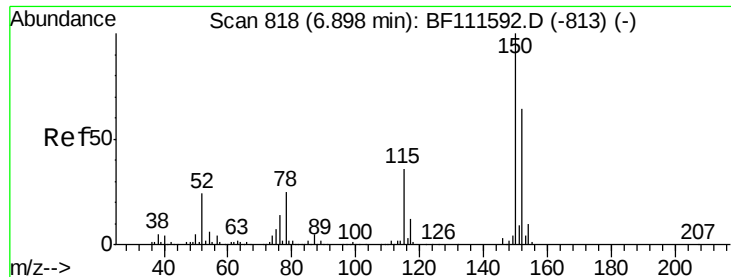
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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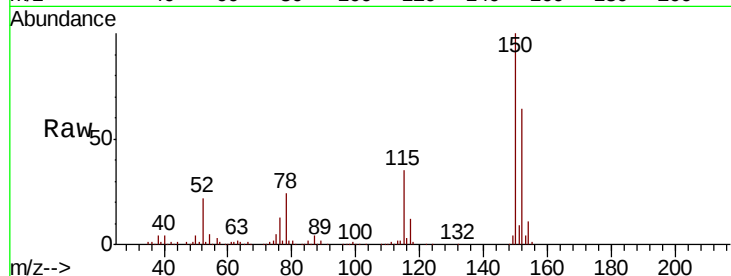


#1

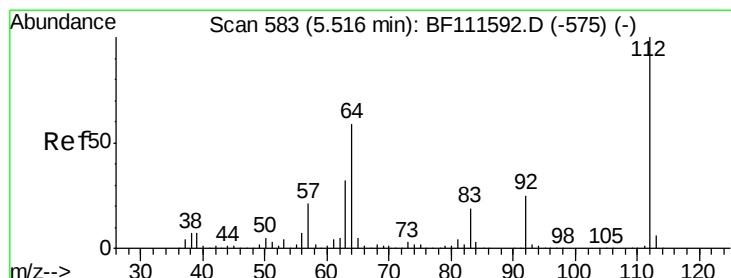
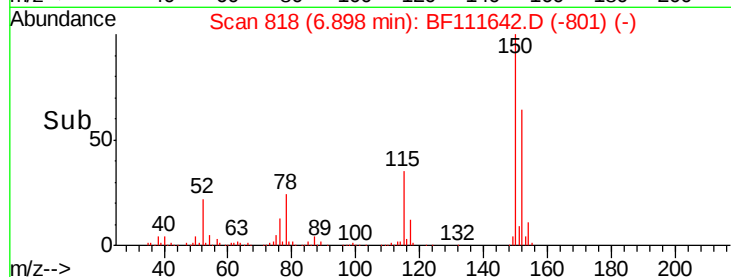
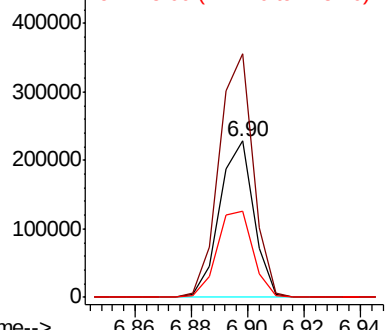
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
EB05_12-14

Tgt Ion:152 Resp: 190795
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 55.1 50.7 76.1



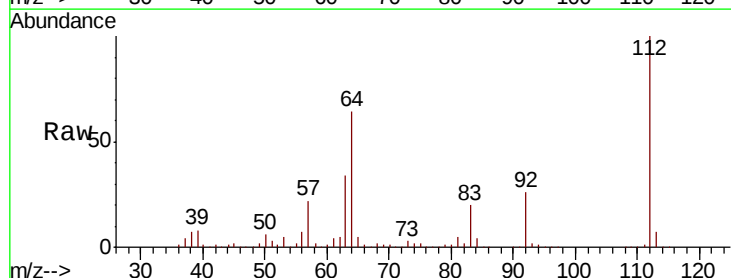
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



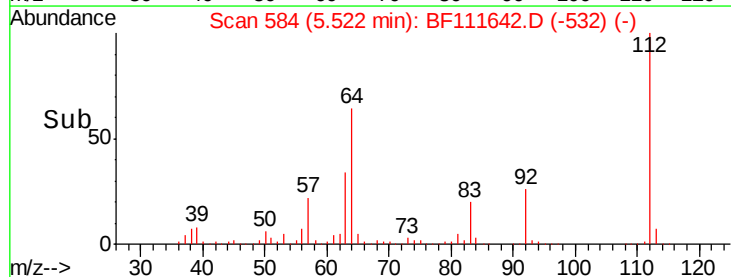
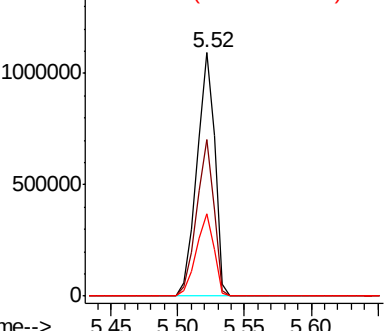
#5

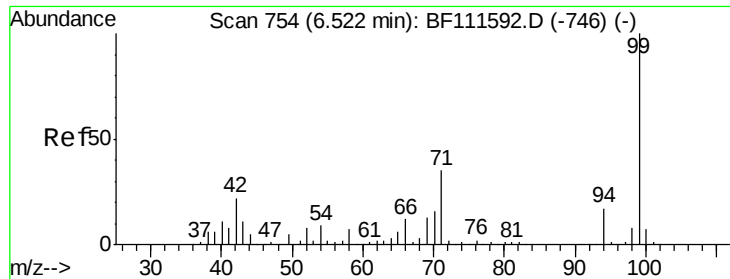
2-Fluorophenol
Concen: 93.310 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Tgt Ion:112 Resp: 1044460
Ion Ratio Lower Upper
112 100
64 64.3 51.8 77.6
63 34.0 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: 94.904 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

Instrument :

BNA_F

ClientSampleId :

EB05_12-14

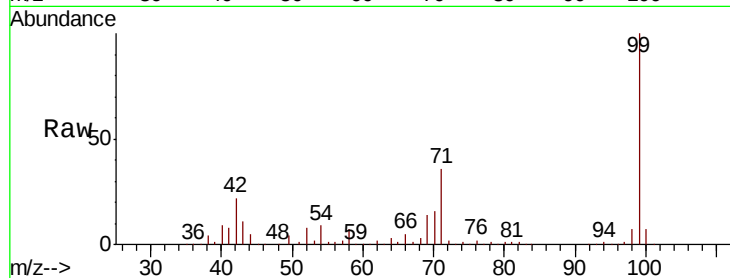
Tgt Ion: 99 Resp: 1351933

Ion Ratio Lower Upper

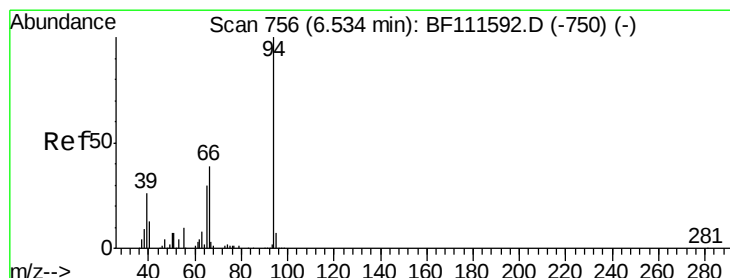
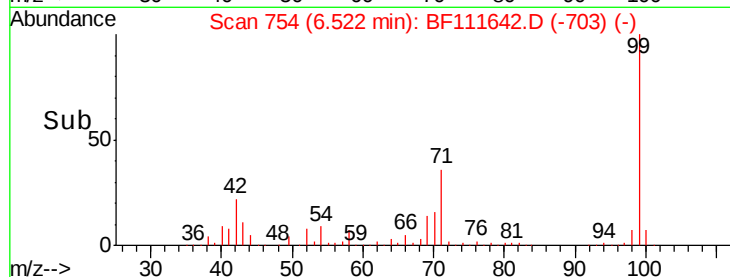
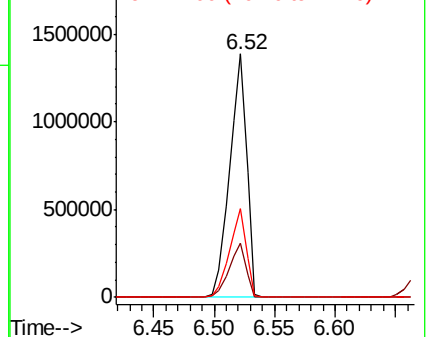
99 100

42 22.5 17.4 26.0

71 36.2 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: 5.111 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

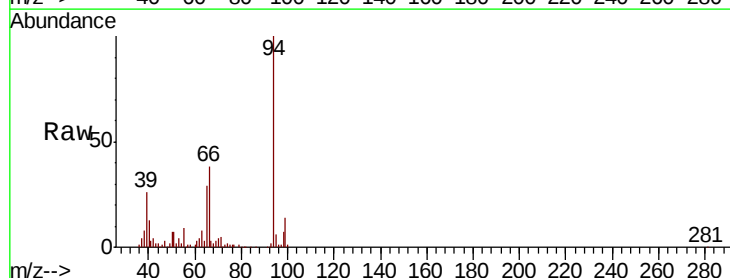
Tgt Ion: 94 Resp: 82145

Ion Ratio Lower Upper

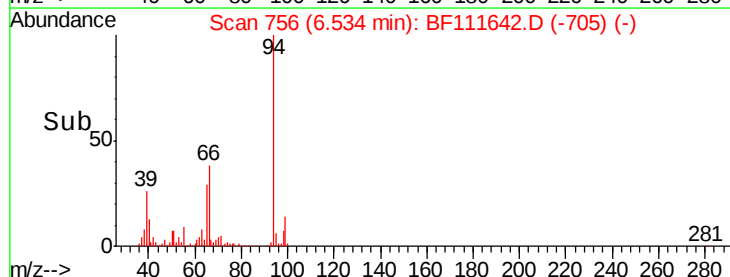
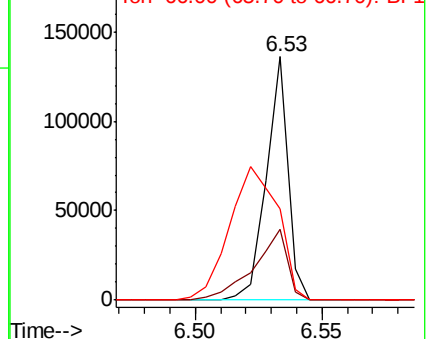
94 100

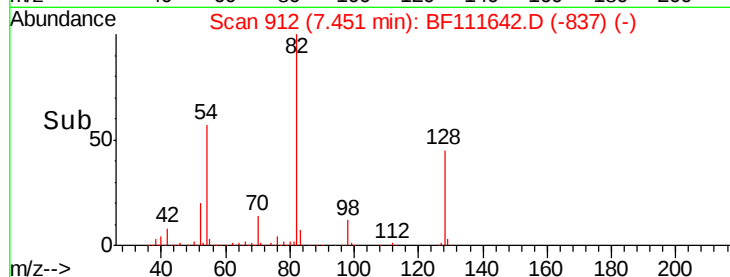
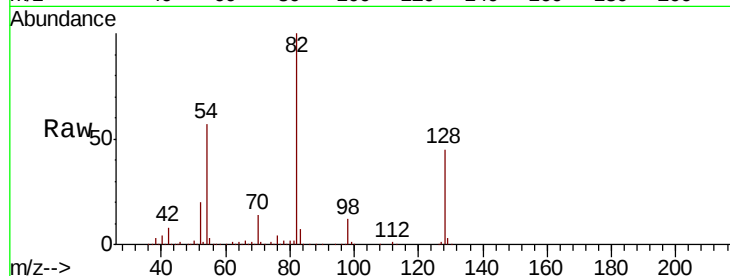
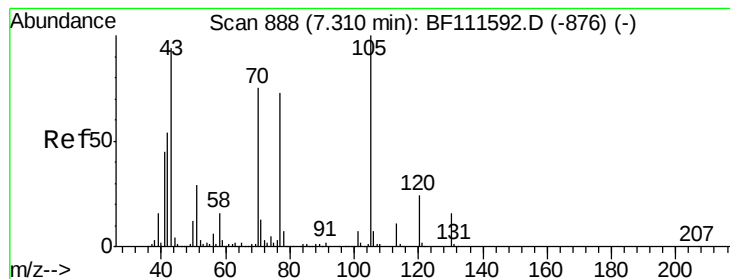
65 29.2 11.7 51.7

66 37.7 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: 12.122 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

Instrument :

BNA_F

ClientSampleId :

EB05_12-14

Tgt Ion: 70 Resp: 114681

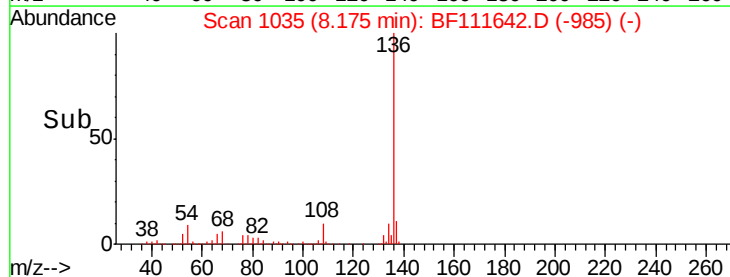
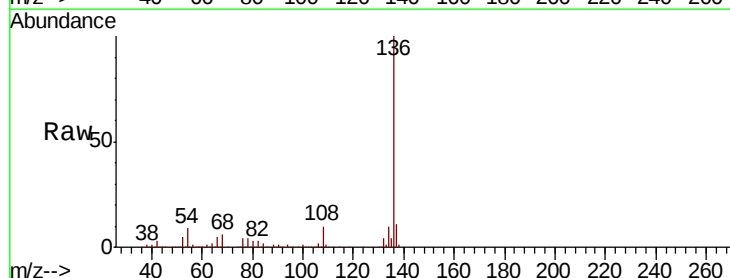
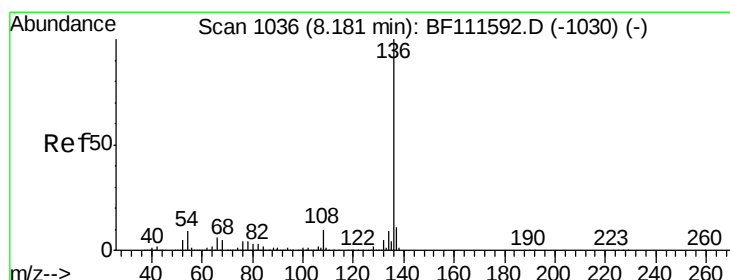
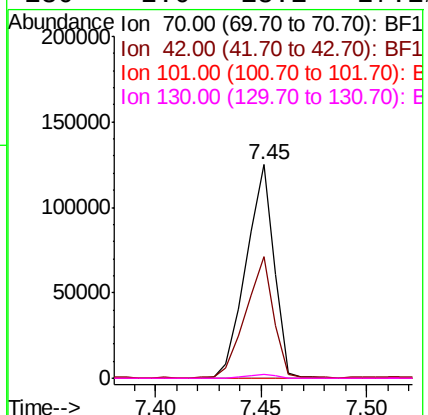
Ion Ratio Lower Upper

70 100

42 57.2 53.2 79.8

101 0.0 8.2 12.4#

130 2.0 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: BF111642.D

Acq: 20 Dec 2018 16:51

Tgt Ion: 136 Resp: 706151

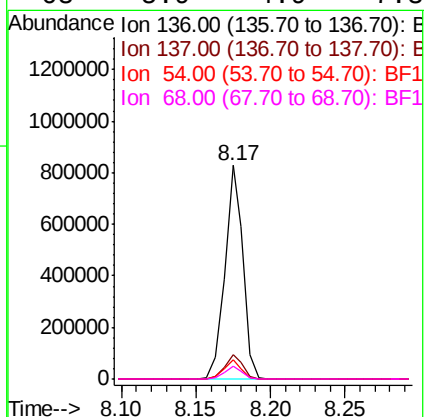
Ion Ratio Lower Upper

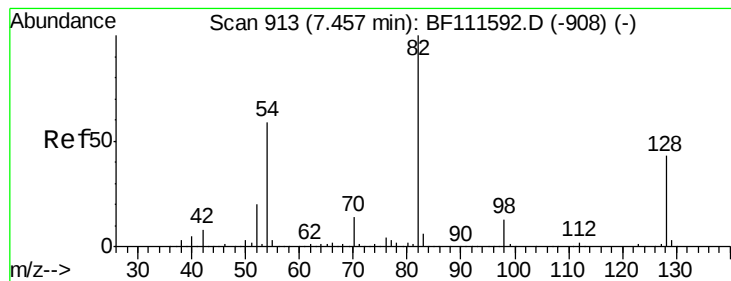
136 100

137 11.2 9.1 13.7

54 9.2 7.7 11.5

68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 68.998 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

Instrument :

BNA_F

ClientSampleId :

EB05_12-14

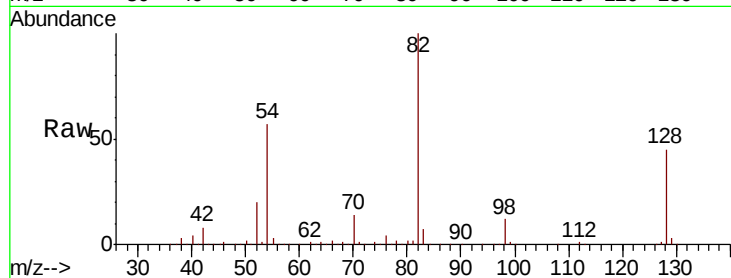
Tgt Ion: 82 Resp: 837059

Ion Ratio Lower Upper

82 100

128 44.8 37.4 56.2

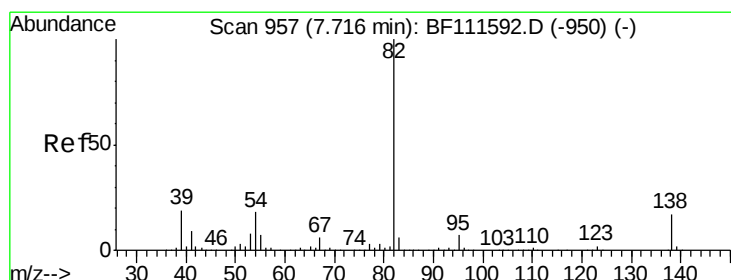
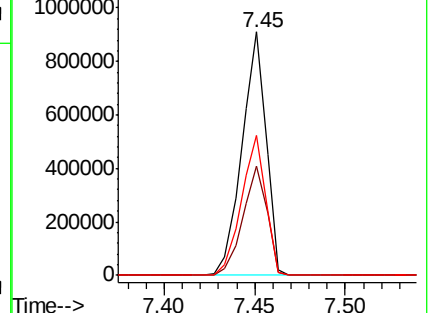
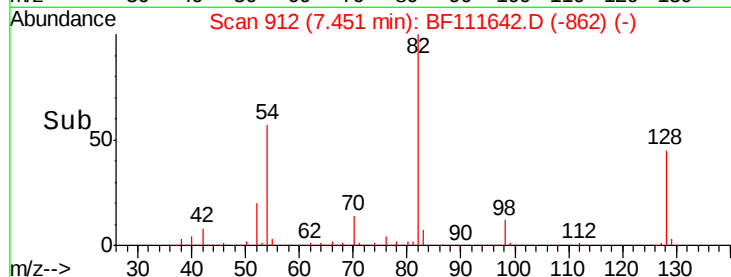
54 57.3 47.6 71.4



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



#25

Isophorone

Concen: 38.866 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

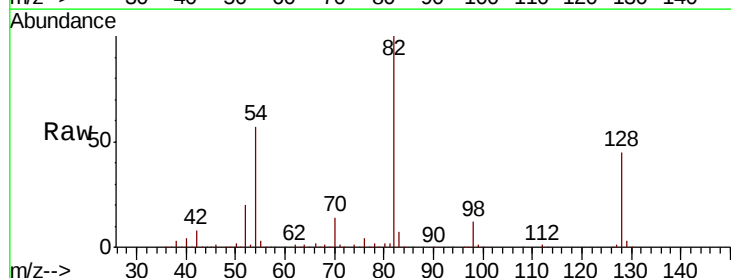
Tgt Ion: 82 Resp: 837046

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

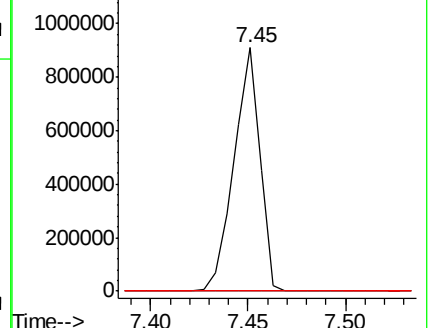
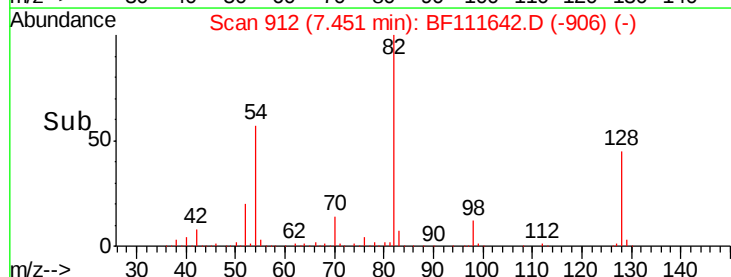
138 0.0 15.1 22.7#

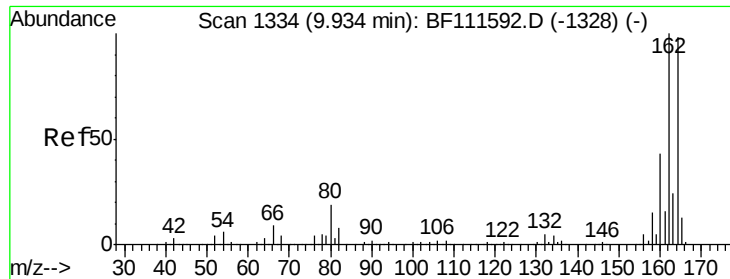


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

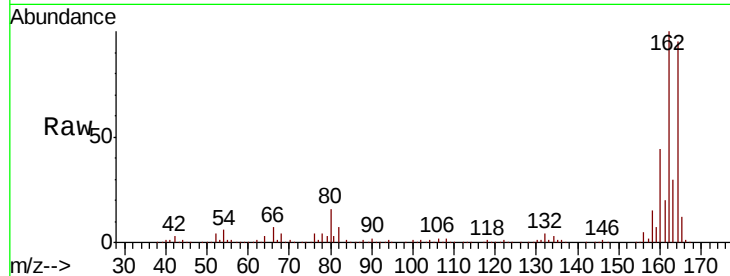




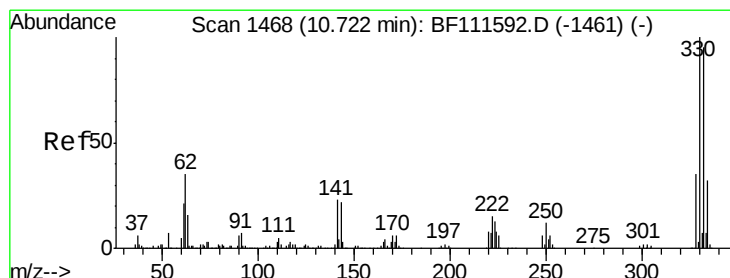
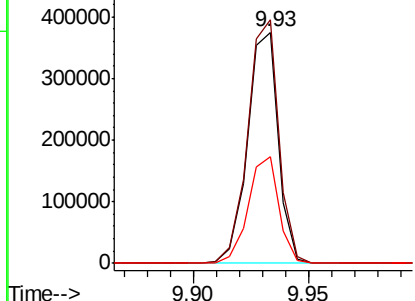
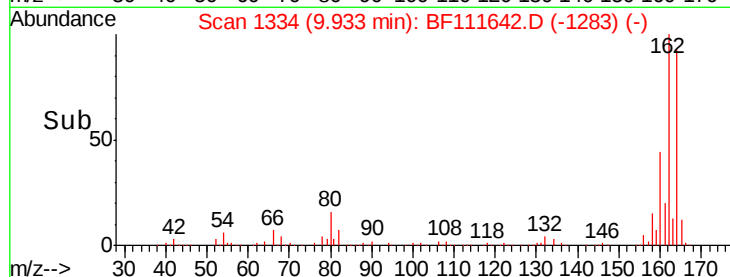
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111642.D
 Acq: 20 Dec 2018 16:51

Instrument :
 BNA_F
 ClientSampleId :
 EB05_12-14

Tgt Ion:164 Resp: 349896
 Ion Ratio Lower Upper
 164 100
 162 105.4 81.4 122.0
 160 46.0 35.7 53.5

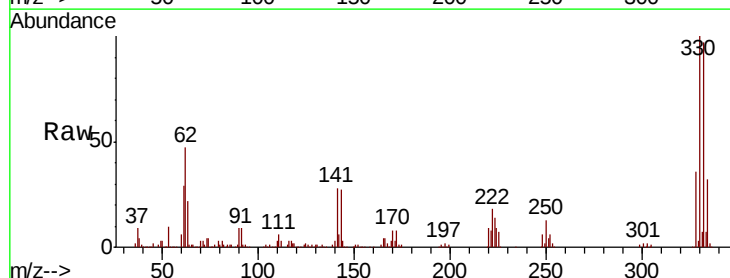


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

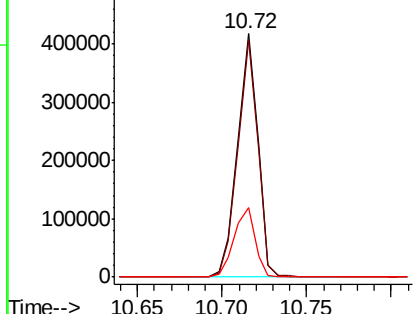
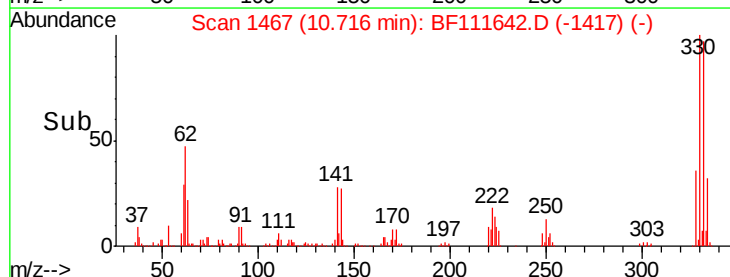


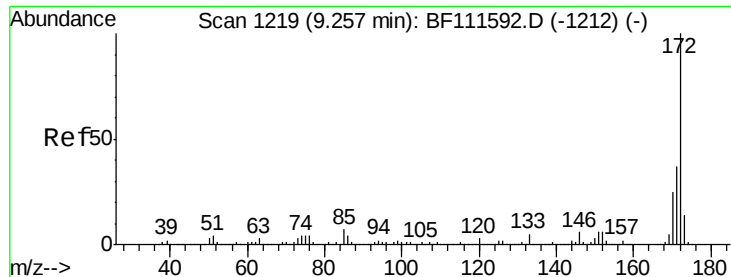
#42
 2,4,6-Tribromophenol
 Concen: 84.366 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111642.D
 Acq: 20 Dec 2018 16:51

Tgt Ion:330 Resp: 348794
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.0 114.0
 141 29.6 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

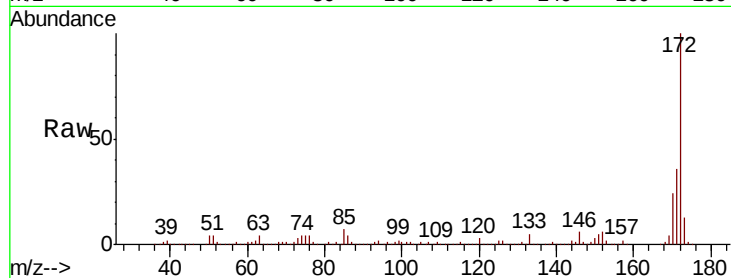




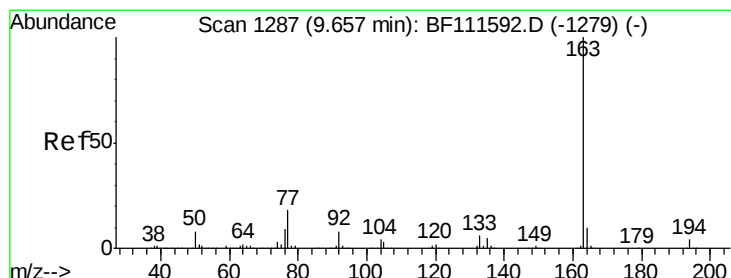
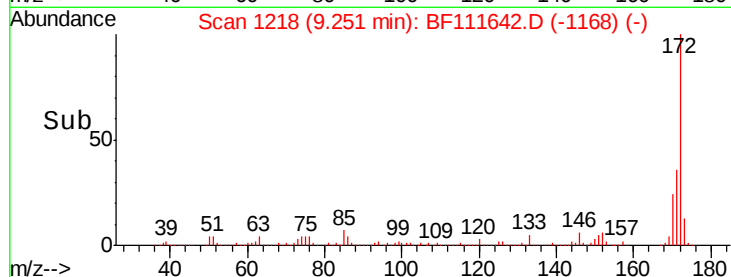
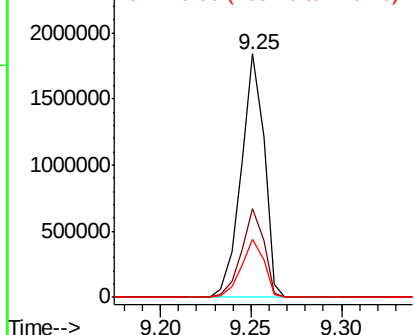
#45
2-Fluorobiphenyl
Concen: 67.666 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
EB05_12-14

Tgt Ion:172 Resp: 1624338
Ion Ratio Lower Upper
172 100
171 36.4 33.0 49.4
170 24.0 22.3 33.5

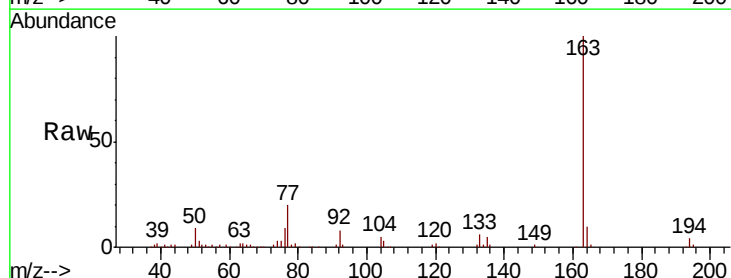


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

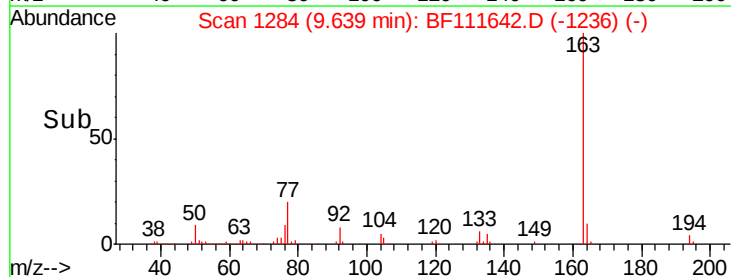
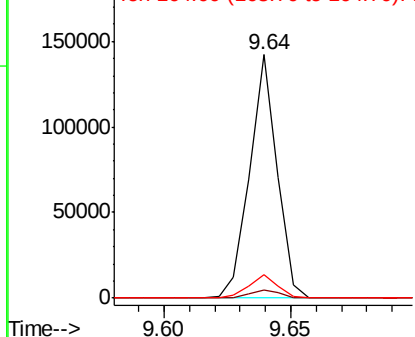


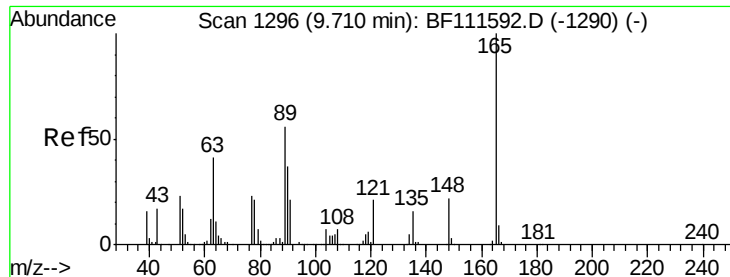
#50
Dimethylphthalate
Concen: 4.192 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Tgt Ion:163 Resp: 107252
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.5 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

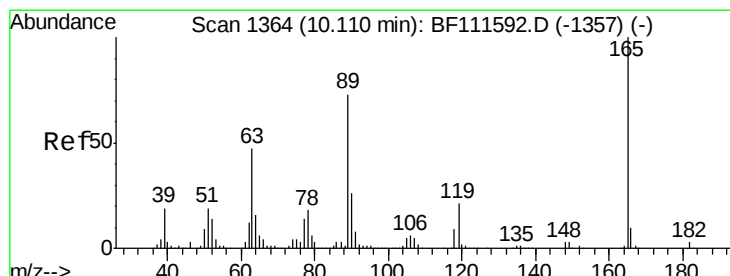
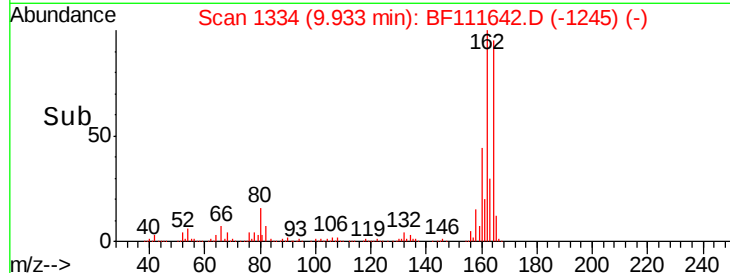
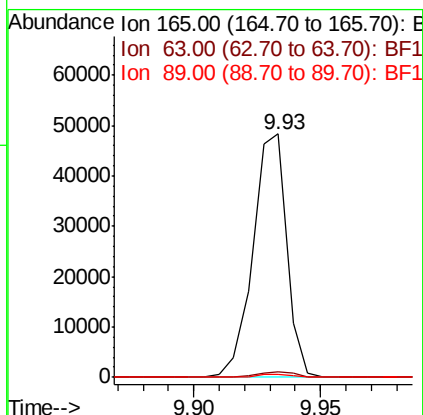
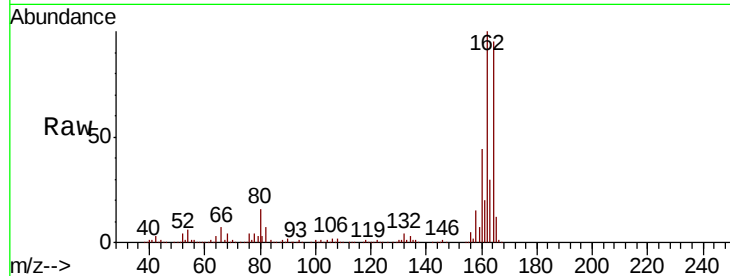




#51
 2,6-Dinitrotoluene
 Concen: 8.851 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF111642.D
 Acq: 20 Dec 2018 16:51

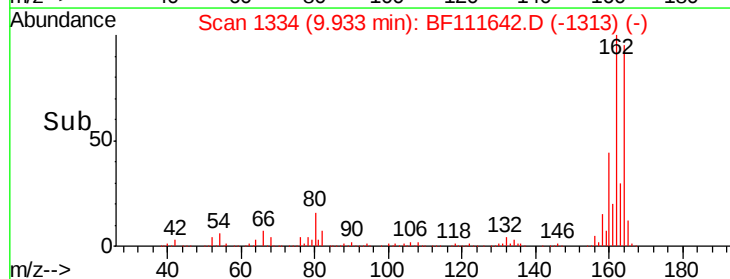
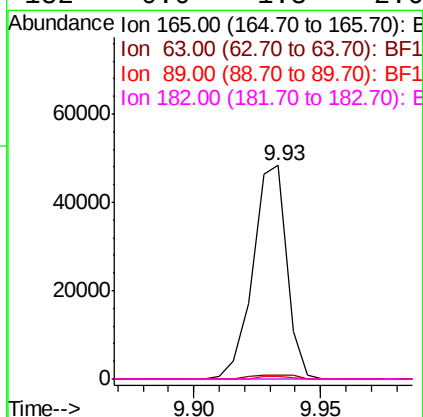
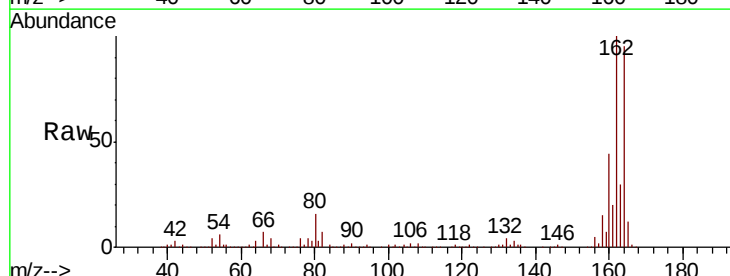
Instrument :
 BNA_F
 ClientSampleId :
 EB05_12-14

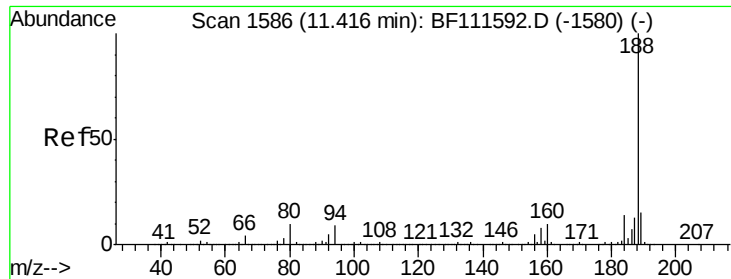
Tgt Ion:165 Resp: 45160
 Ion Ratio Lower Upper
 165 100
 63 2.1 40.5 60.7#
 89 1.3 40.0 60.0#



#57
 2,4-Dinitrotoluene
 Concen: 7.365 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF111642.D
 Acq: 20 Dec 2018 16:51

Tgt Ion:165 Resp: 45160
 Ion Ratio Lower Upper
 165 100
 63 2.1 34.6 52.0#
 89 1.3 56.2 84.4#
 182 0.0 1.8 2.6#

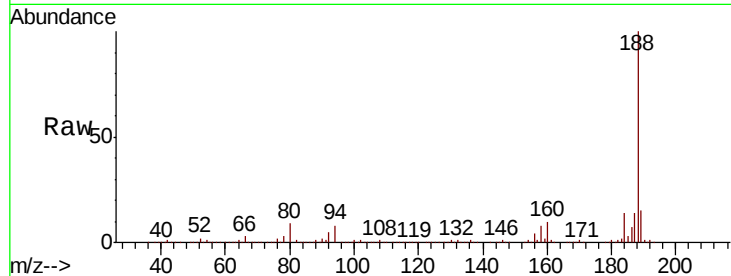




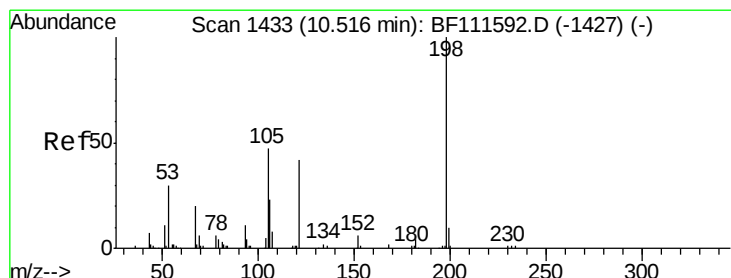
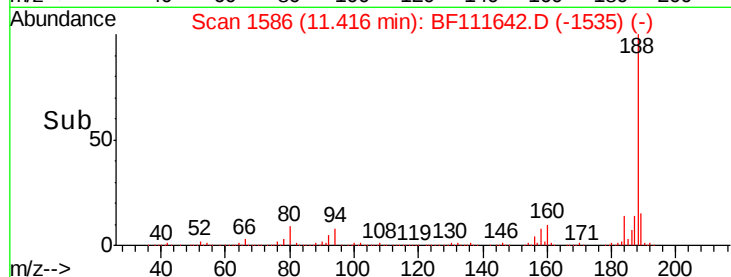
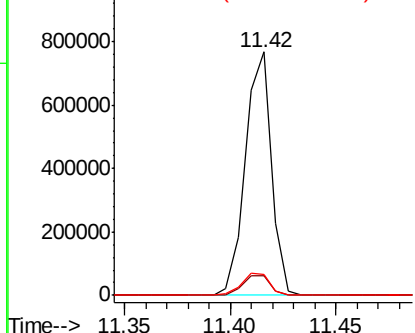
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
EB05_12-14

Tgt Ion:188 Resp: 658823
Ion Ratio Lower Upper
188 100
94 8.3 9.6 14.4#
80 8.7 9.8 14.6#

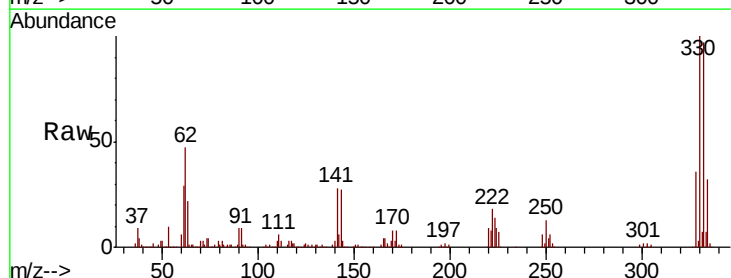


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

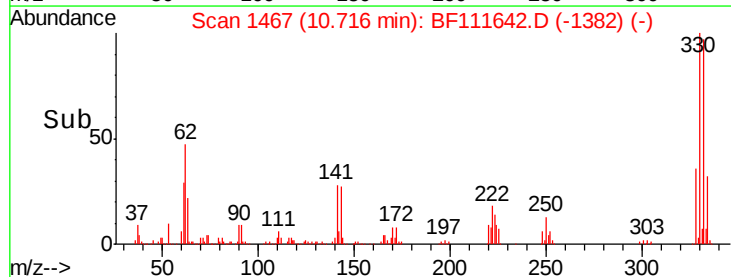
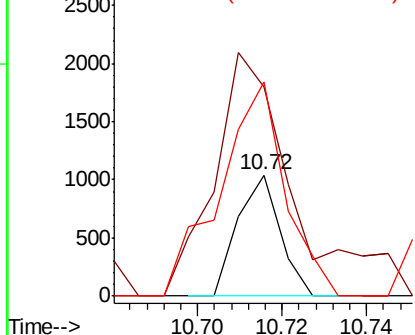


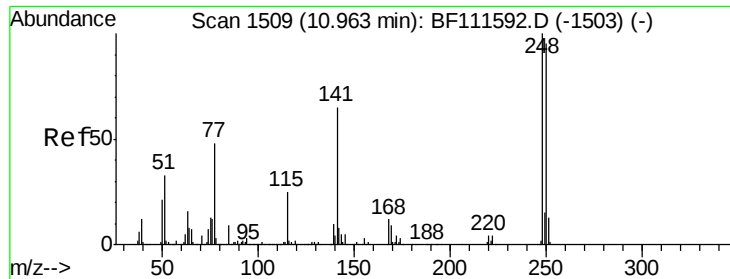
#65
4,6-Dinitro-2-methylphenol
Concen: 6.921 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Tgt Ion:198 Resp: 722
Ion Ratio Lower Upper
198 100
51 173.4 48.0 88.0#
105 177.6 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

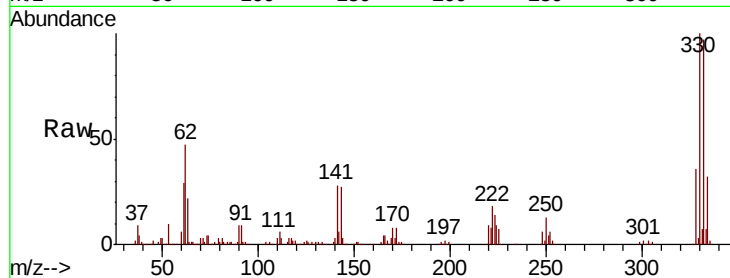




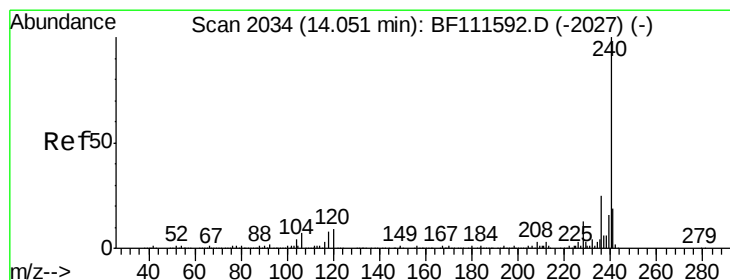
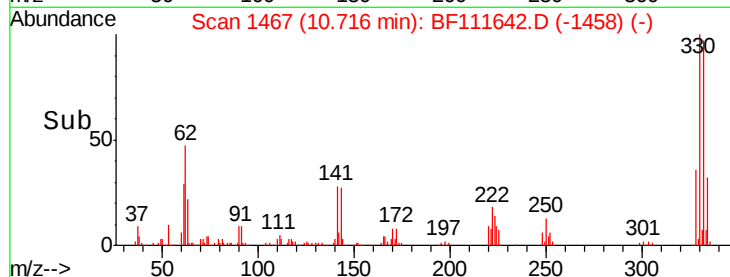
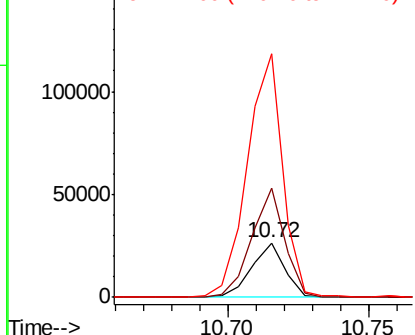
#67
4-Bromophenyl-phenylether
Concen: 2.612 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Instrument :
BNA_F
ClientSampleId :
EB05_12-14

Tgt Ion:248 Resp: 21348
Ion Ratio Lower Upper
248 100
250 200.7 77.0 115.4#
141 449.5 63.0 94.6#

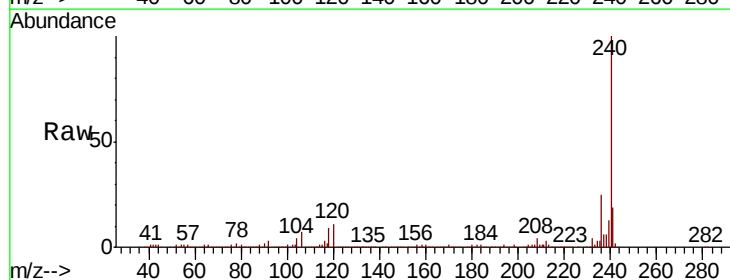


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

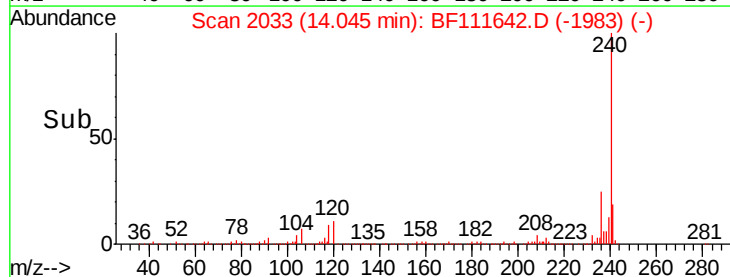
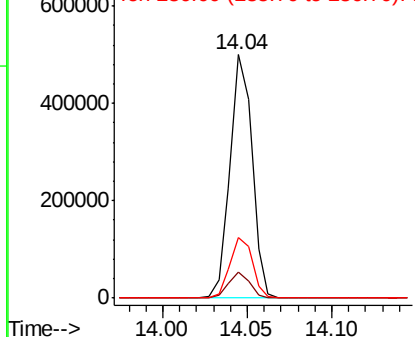


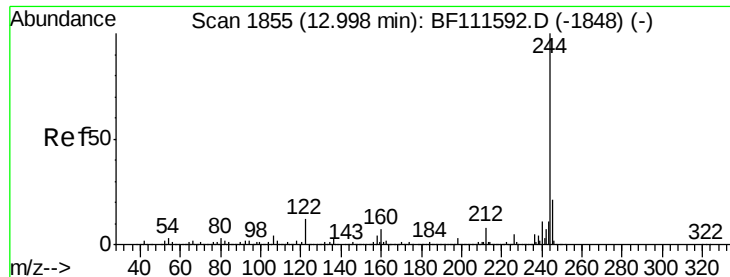
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111642.D
Acq: 20 Dec 2018 16:51

Tgt Ion:240 Resp: 453344
Ion Ratio Lower Upper
240 100
120 10.9 12.2 18.2#
236 25.1 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: 67.910 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

Instrument :

BNA_F

ClientSampleId :

EB05_12-14

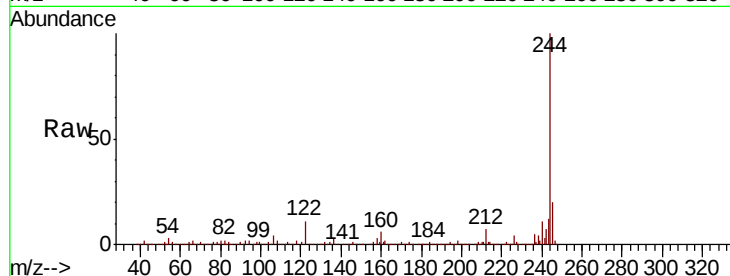
Tgt Ion:244 Resp: 1623413

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

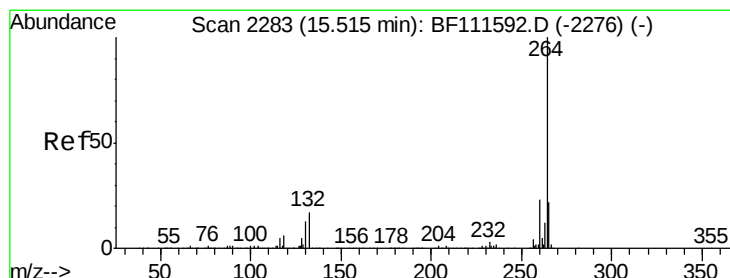
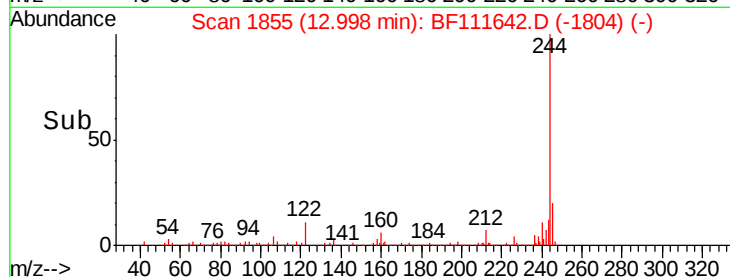
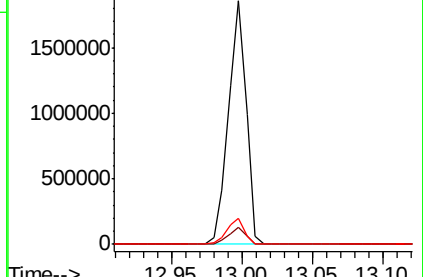
122 10.9 13.1 19.7#



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: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111642.D

Acq: 20 Dec 2018 16:51

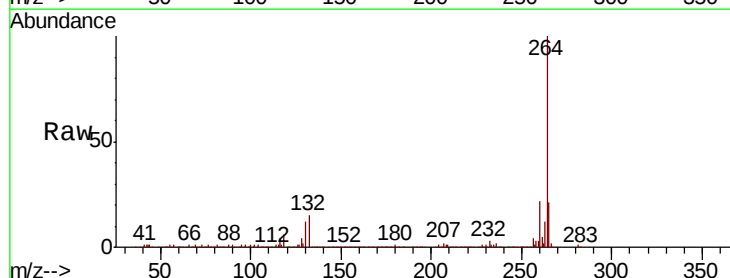
Tgt Ion:264 Resp: 448806

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 21.3 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

