

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111862.D
 Acq On : 4 Jan 2019 23:13
 Operator : JU/SJ
 Sample : K1036-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 00:43:16 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	6.89	152	207831	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	784381	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	342335	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	534184	20.00	ng	0.00
76) Chrysene-d12	14.06	240	514238	20.00	ng	0.00
87) Perylene-d12	15.54	264	420597	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1053555	86.41	ng	0.02
7) Phenol-d6	6.53	99	1401402	90.31	ng	0.01
23) Nitrobenzene-d5	7.45	82	906510	67.27	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	339031	83.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1639502	69.81	ng	0.00
79) Terphenyl-d14	13.00	244	1424477	52.53	ng	0.00

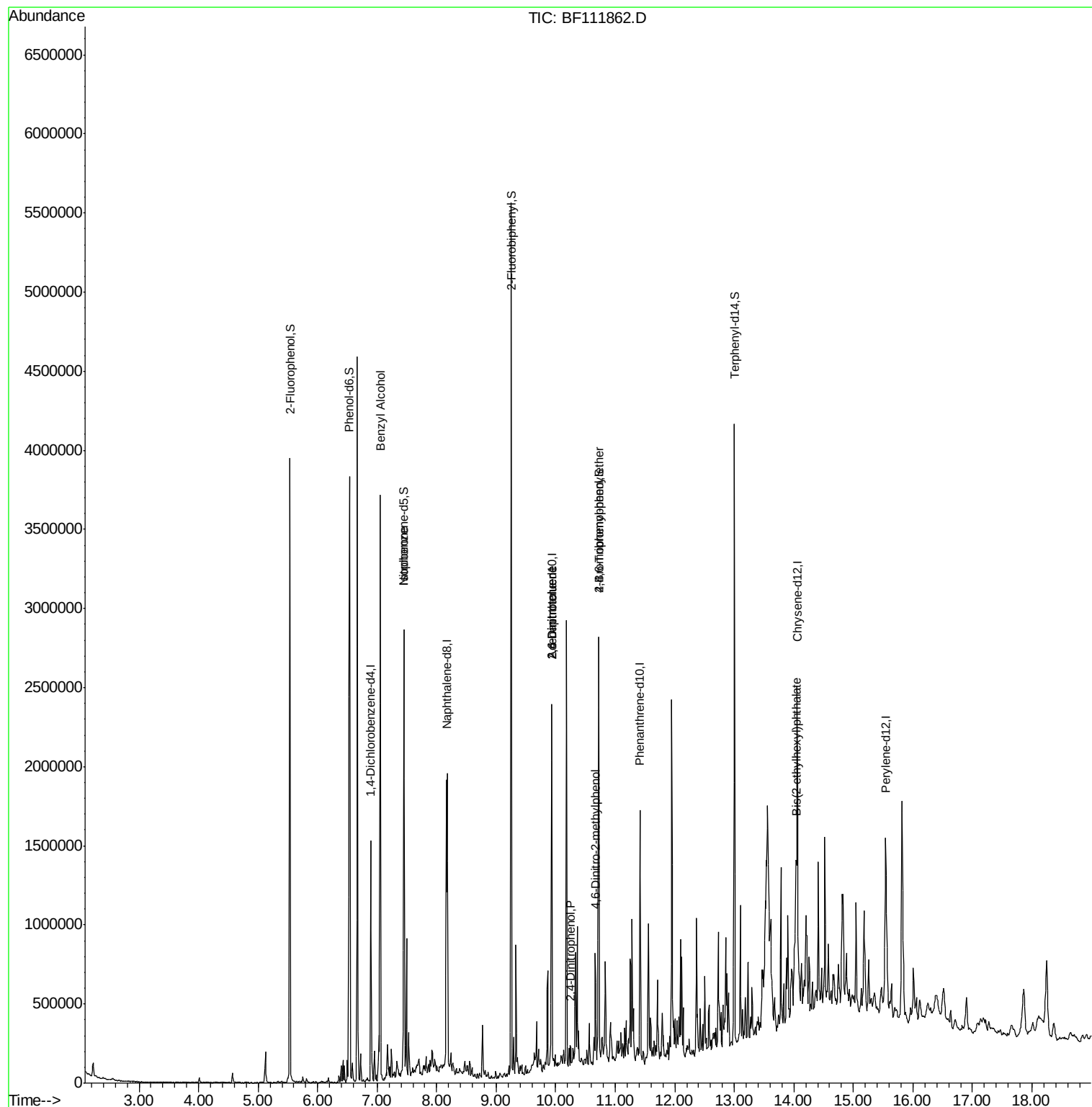
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.05	79	26433	2.145	ng	# 41
25) Isophorone	7.45	82	898905	37.575	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	46363	9.288	ng	# 32
54) 2,4-Dinitrophenol	10.25	184	300	7.477	ng	# 12
57) 2,4-Dinitrotoluene	9.93	165	46363	7.728	ng	# 28
65) 4,6-Dinitro-2-methylphenol	10.66	198	905	7.046	ng	# 87
67) 4-Bromophenyl-phenylether	10.72	248	20539	3.100	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.03	149	69566	3.731	ng	# 87

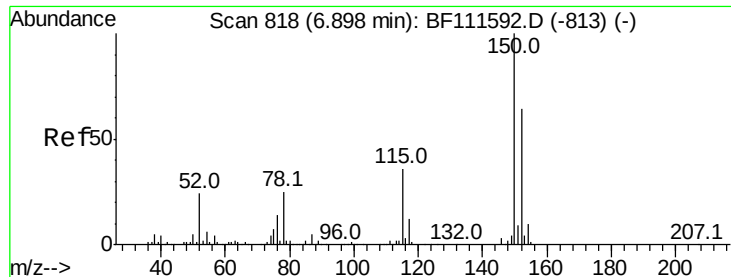
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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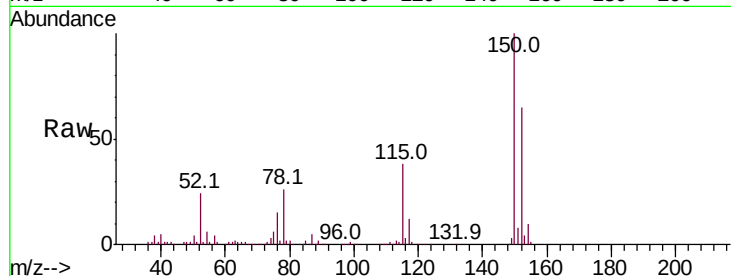


#1

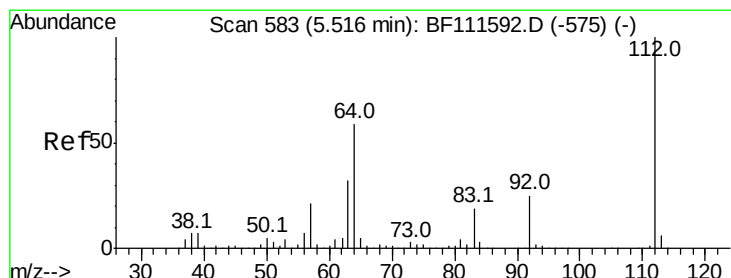
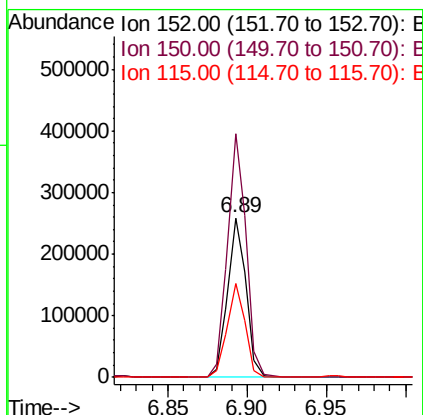
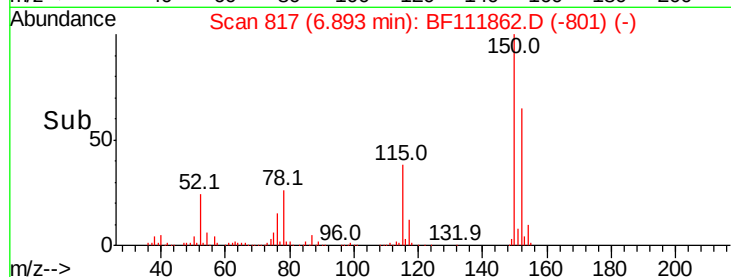
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 207831
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 58.7 50.7 76.1



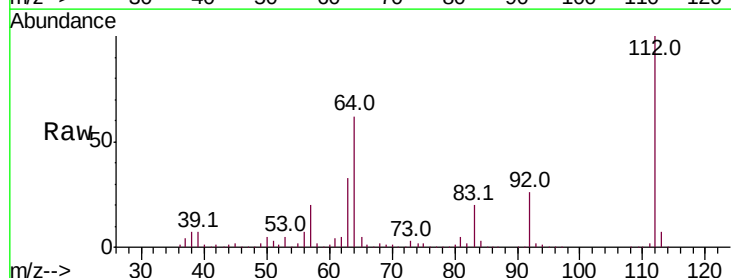
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



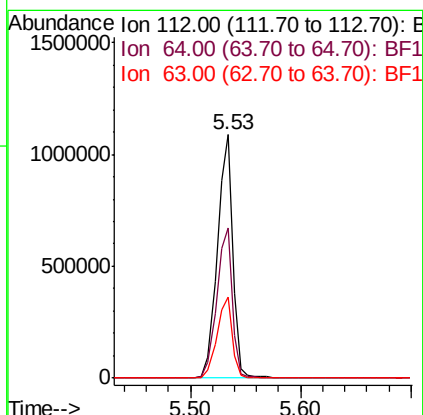
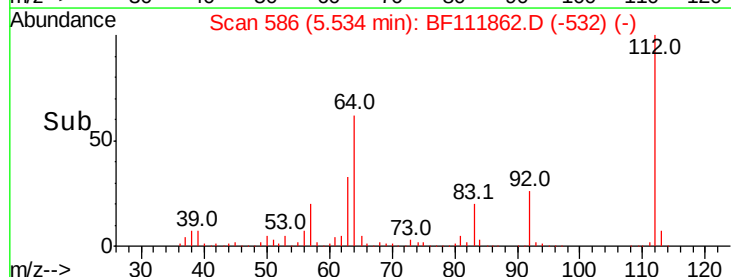
#5

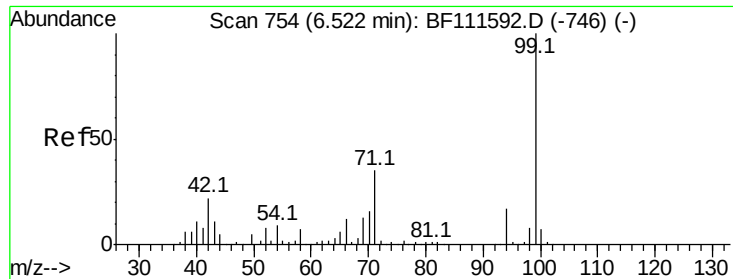
2-Fluorophenol
Concen: 86.408 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:112 Resp: 1053555
Ion Ratio Lower Upper
112 100
64 61.7 51.8 77.6
63 33.3 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: 90.313 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111862.D

Acq: 4 Jan 2019 23:13

Instrument :

BNA_G

ClientSampleId :

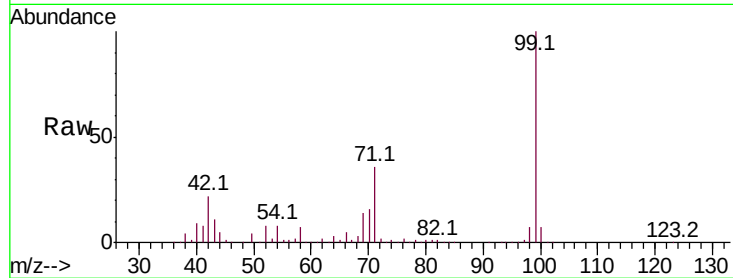
Tot Ion: 99 Resp: 1401402

Ion Ratio Lower Upper

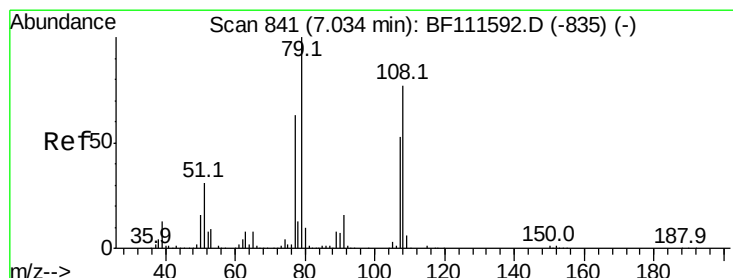
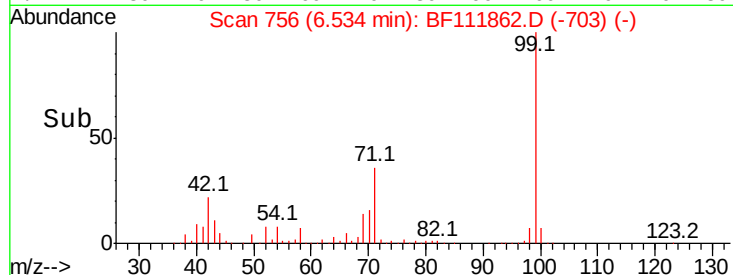
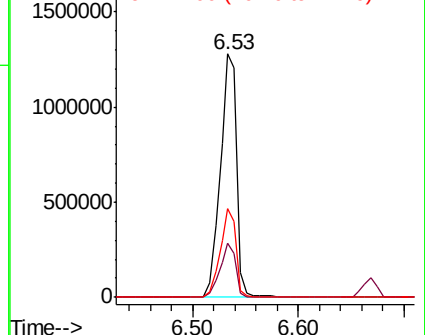
99 100

42 22.3 17.4 26.0

71 36.4 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



#15

Benzyl Alcohol

Concen: 2.145 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF111862.D

Acq: 4 Jan 2019 23:13

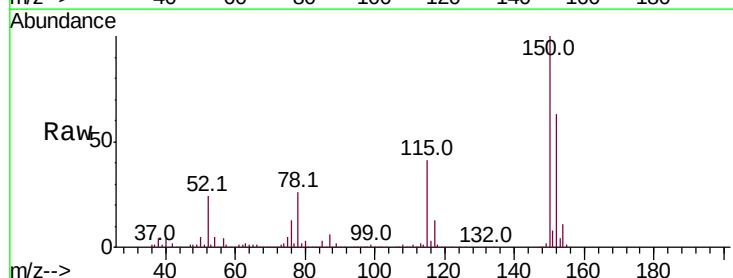
Tgt Ion: 79 Resp: 26433

Ion Ratio Lower Upper

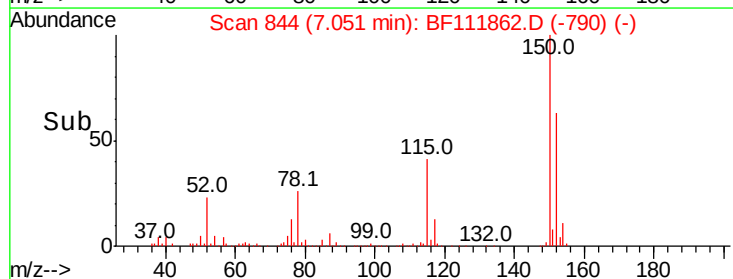
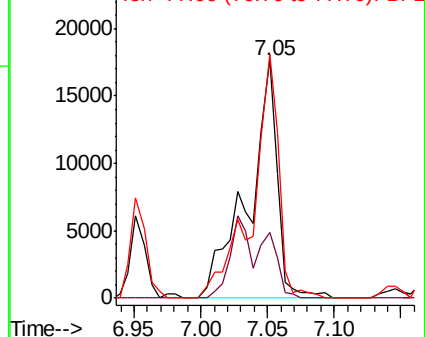
79 100

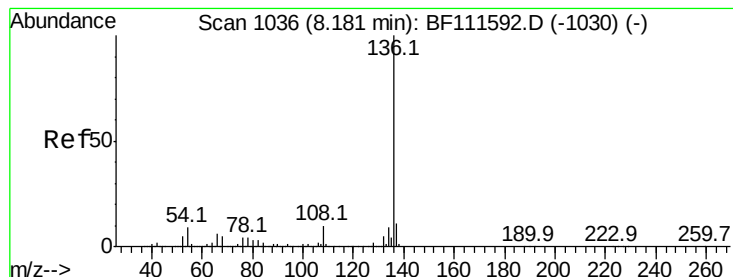
108 27.8 69.4 104.2#

77 102.4 49.7 74.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111862.D

Acq: 4 Jan 2019 23:13

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 784381

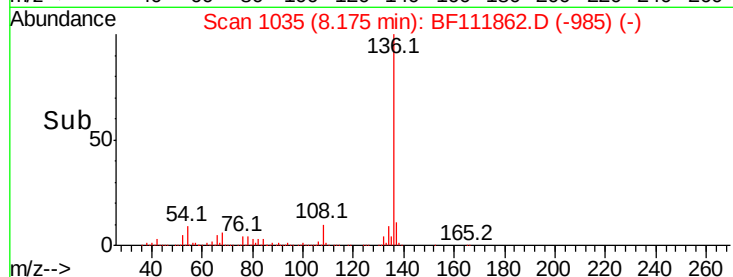
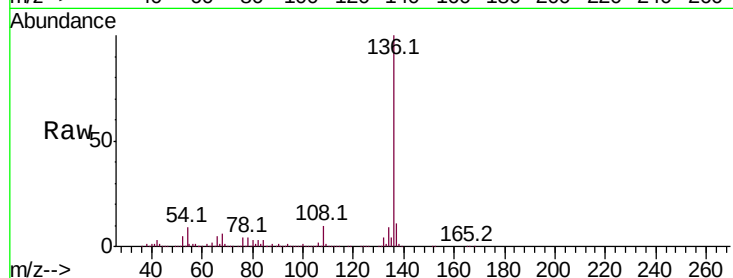
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.8 7.7 11.5

68 5.9 4.9 7.3

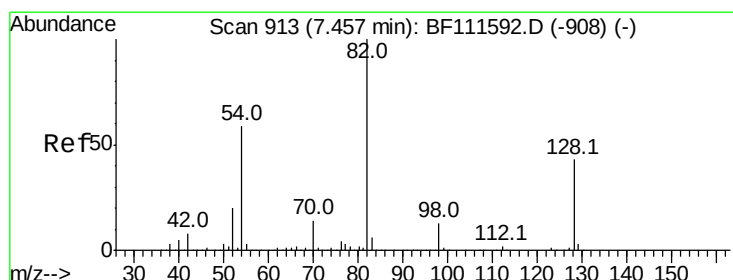
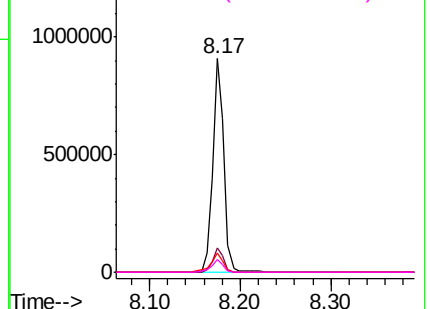


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 67.271 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111862.D

Acq: 4 Jan 2019 23:13

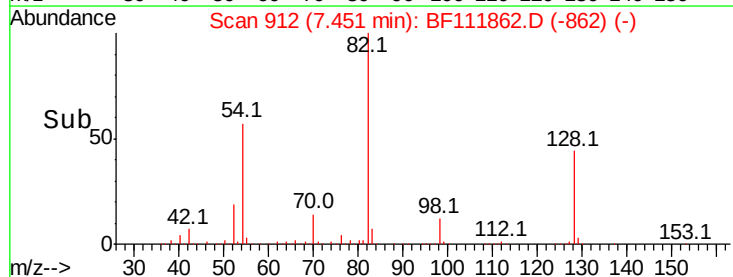
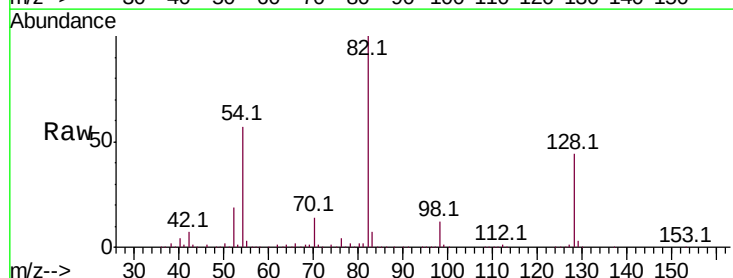
Tgt Ion: 82 Resp: 906510

Ion Ratio Lower Upper

82 100

128 44.4 37.4 56.2

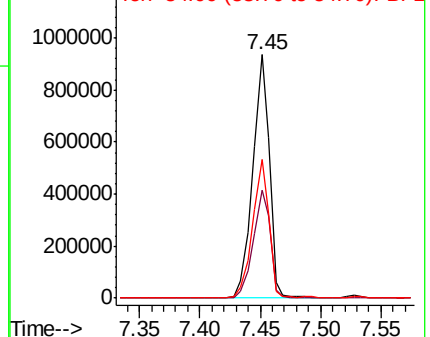
54 57.0 47.6 71.4

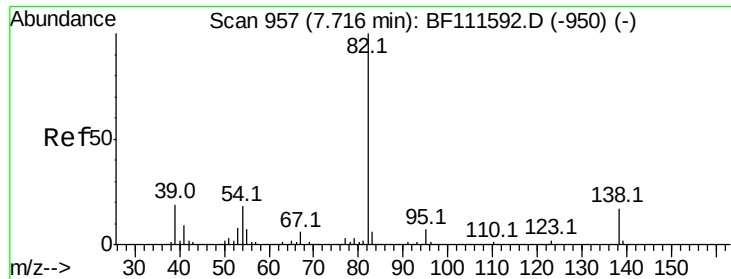


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

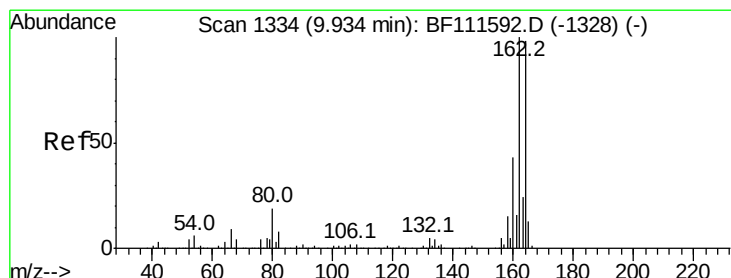
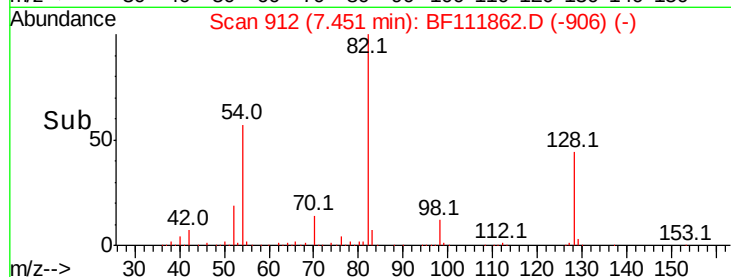
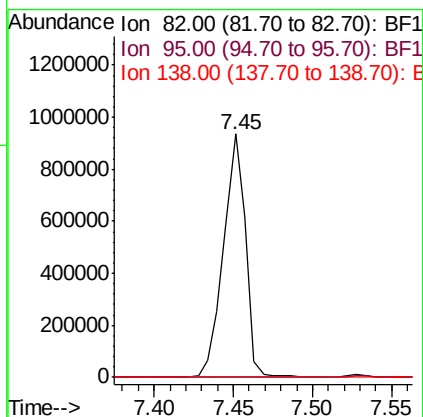
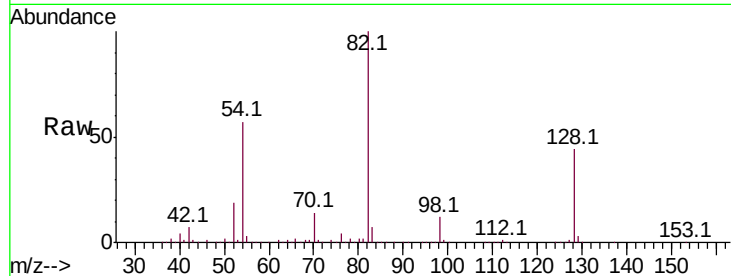




#25
Isophorone
Concen: 37.575 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

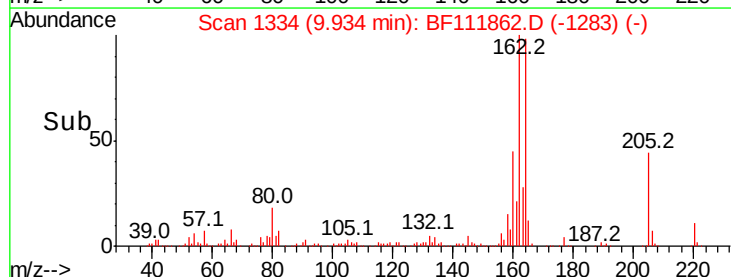
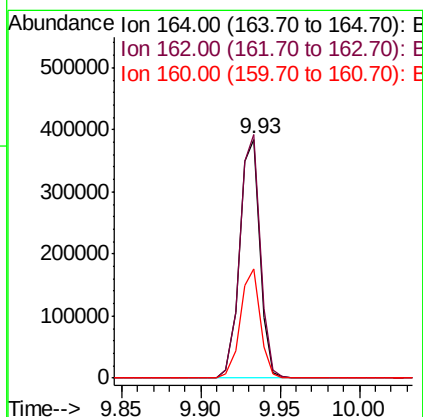
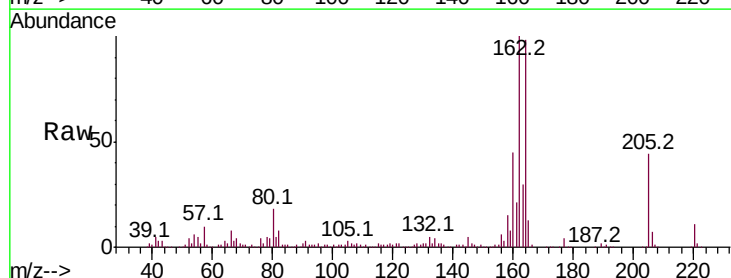
Instrument :
BNA_G
ClientSampleId :

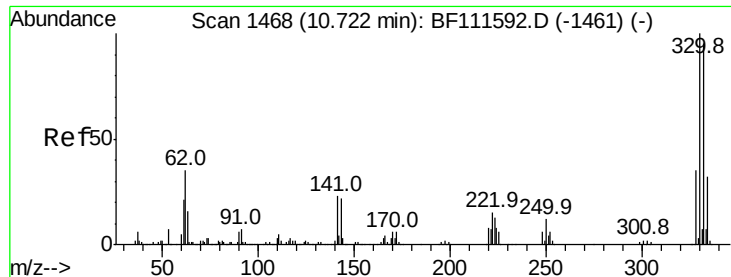
Tot Ion: 82 Resp: 898905
Ion Ratio Lower Upper
82 100
95 0.2 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:164 Resp: 342335
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 45.9 35.7 53.5

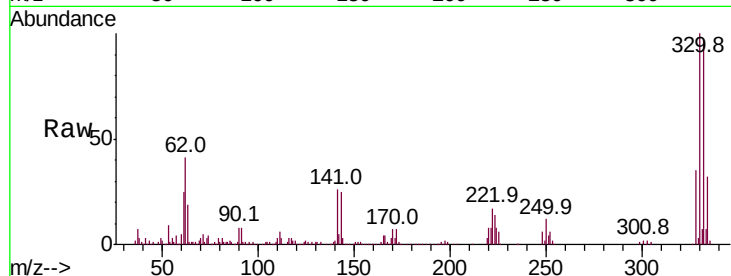




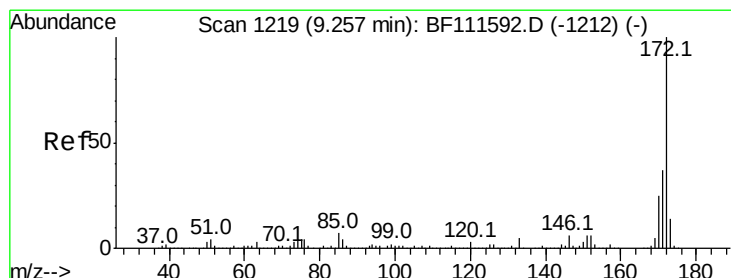
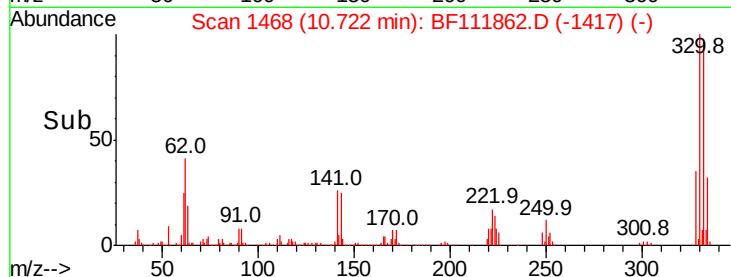
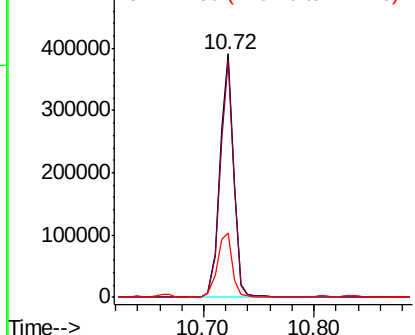
#42
 2,4,6-Tribromophenol
 Concen: 83.816 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF111862.D
 Acq: 4 Jan 2019 23:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	28.2	31.0	46.6#

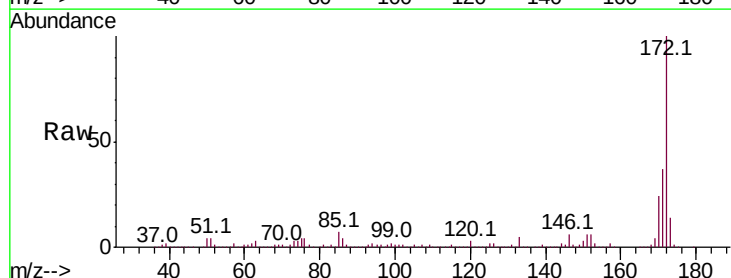


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

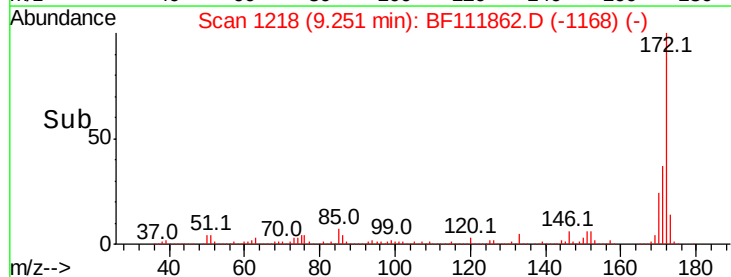
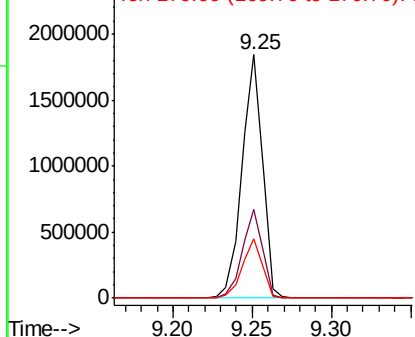


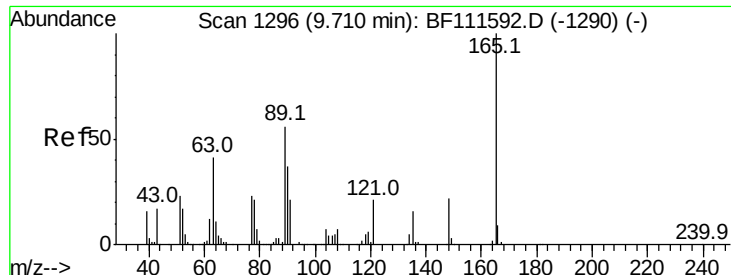
#45
 2-Fluorobiphenyl
 Concen: 69.806 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111862.D
 Acq: 4 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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





#51

2,6-Dinitrotoluene

Concen: 9.288 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.22 min

Lab File: BF111862.D

Acq: 4 Jan 2019 23:13

Instrument :

BNA_G

ClientSampleId :

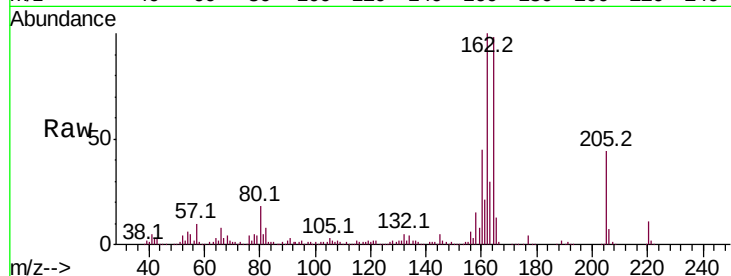
Tot Ion:165 Resp: 46363

Ion Ratio Lower Upper

165 100

63 4.0 40.5 60.7#

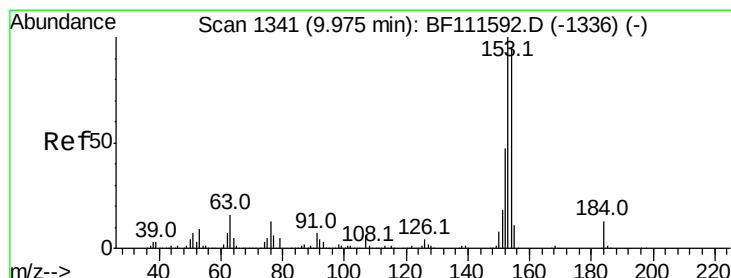
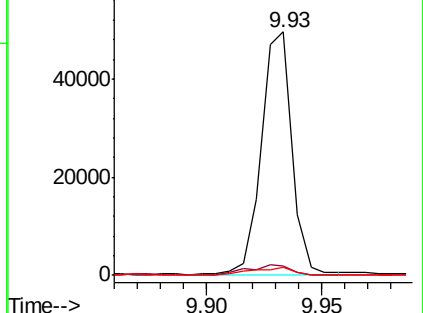
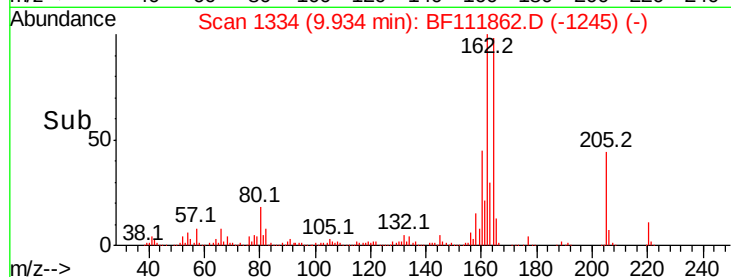
89 3.2 40.0 60.0#



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



#54

2,4-Dinitrophenol

Concen: 7.477 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.27 min

Lab File: BF111862.D

Acq: 4 Jan 2019 23:13

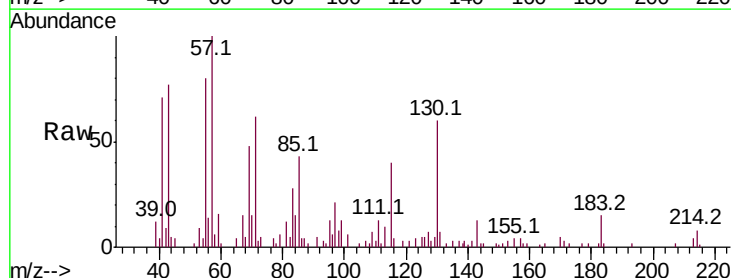
Tgt Ion:184 Resp: 300

Ion Ratio Lower Upper

184 100

63 0.0 62.3 93.5#

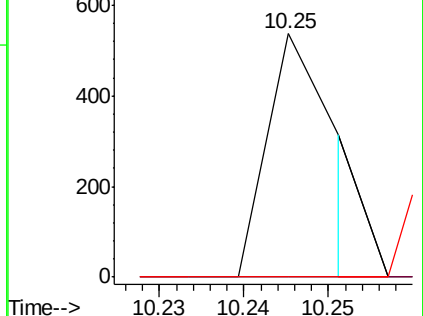
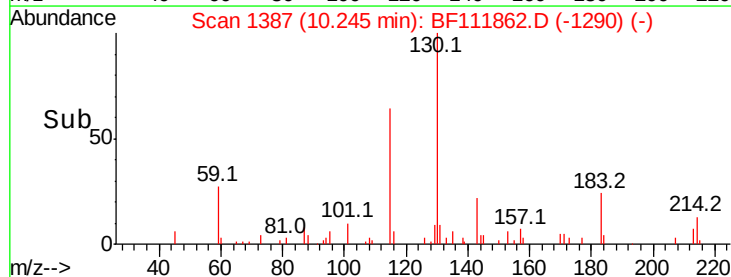
154 0.0 56.2 84.2#

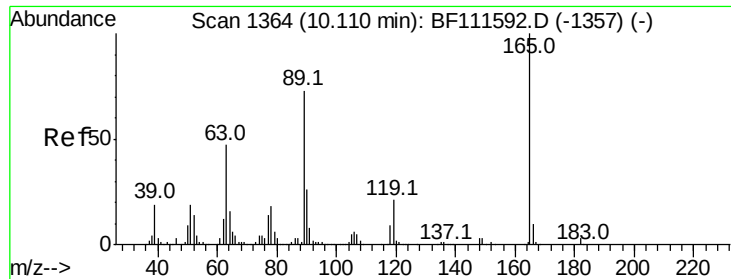


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#57

2,4-Dinitrotoluene

Concen: 7.728 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BF111862.D

Acq: 4 Jan 2019 23:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 46363

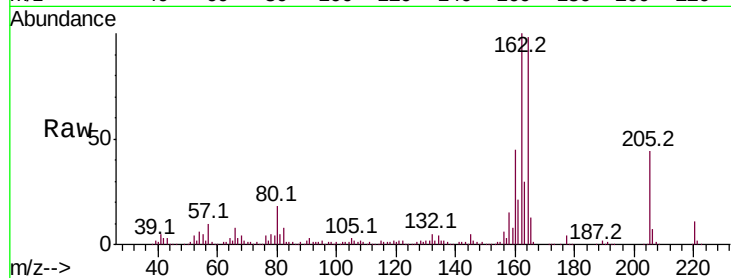
Ion Ratio Lower Upper

165 100

63 4.0 34.6 52.0#

89 3.2 56.2 84.4#

182 0.0 1.8 2.6#

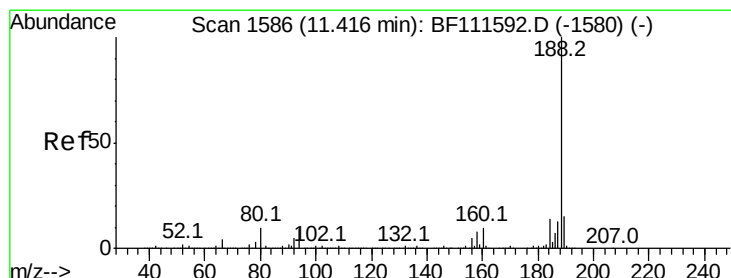
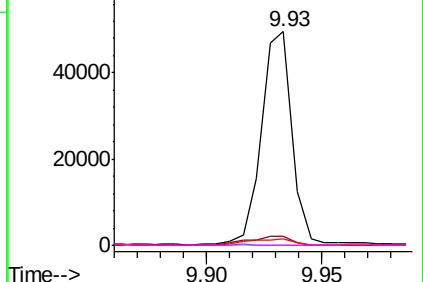
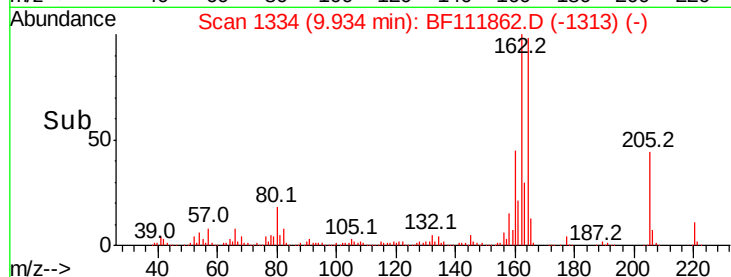


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF111862.D

Acq: 4 Jan 2019 23:13

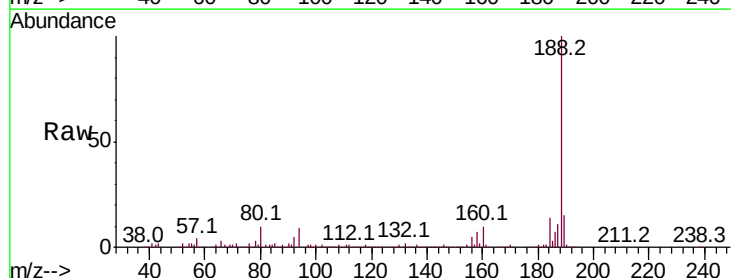
Tgt Ion:188 Resp: 534184

Ion Ratio Lower Upper

188 100

94 8.9 9.6 14.4#

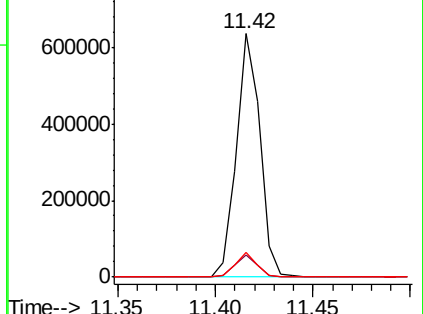
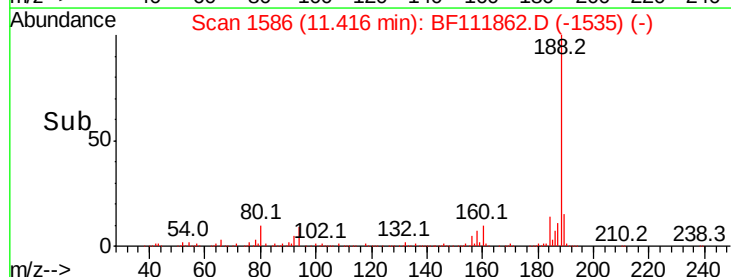
80 10.2 9.8 14.6

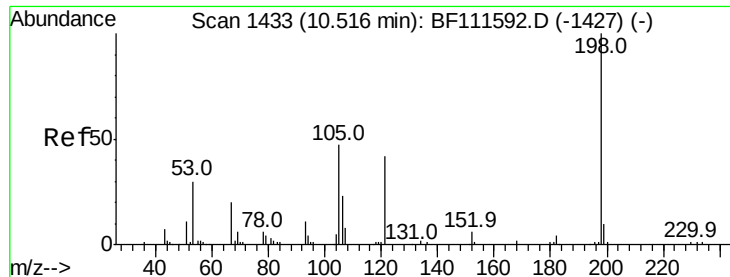


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

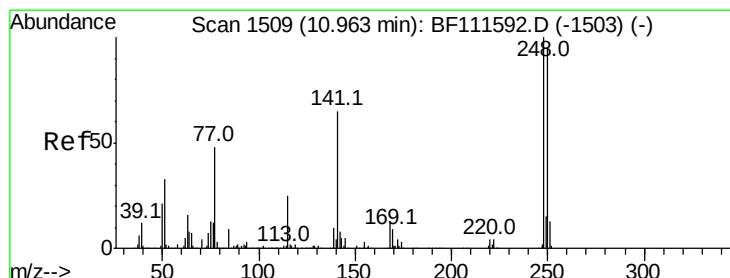
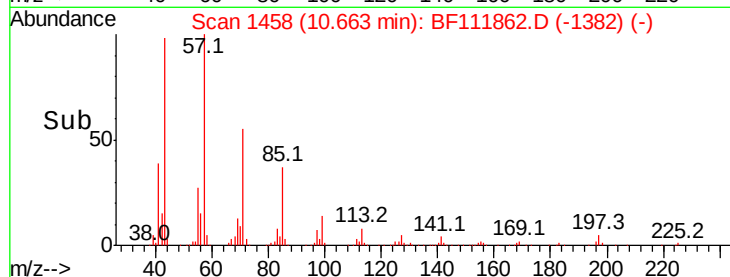
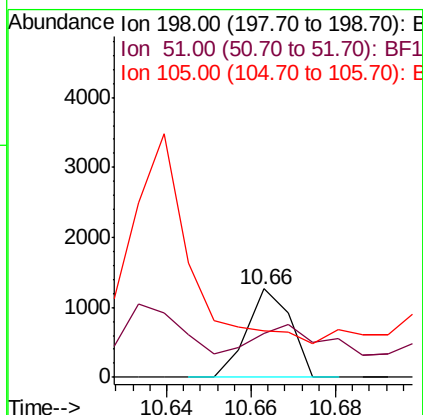
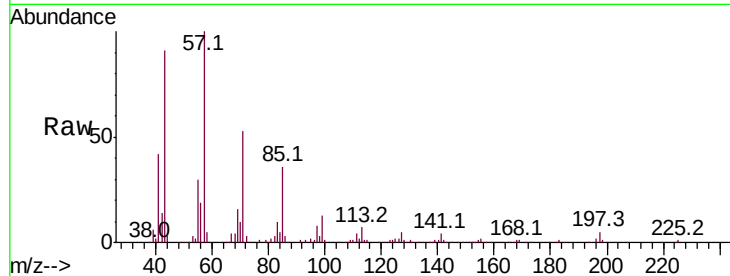




#65
4,6-Dinitro-2-methylphenol
Concen: 7.046 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.15 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

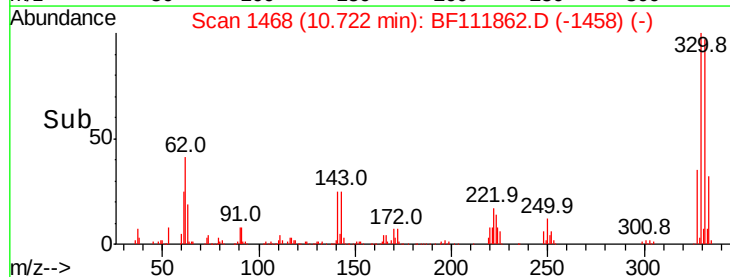
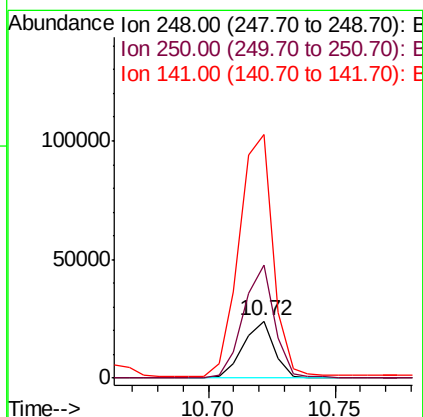
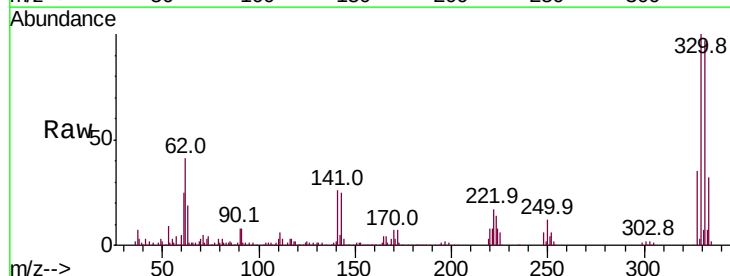
Instrument :
BNA_G
ClientSampleId :

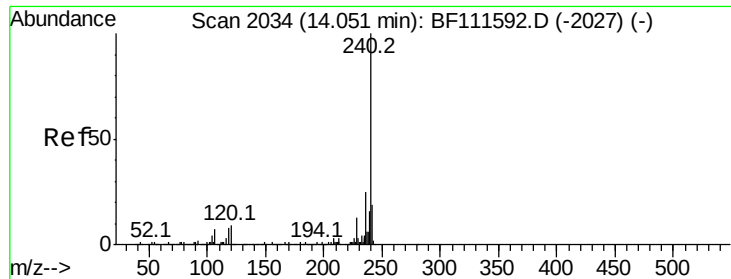
Tot Ion:198 Resp: 905
Ion Ratio Lower Upper
198 100
51 49.8 48.0 88.0
105 53.0 34.0 74.0



#67
4-Bromophenyl-phenylether
Concen: 3.100 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111862.D
Acq: 4 Jan 2019 23:13

Tgt Ion:248 Resp: 20539
Ion Ratio Lower Upper
248 100
250 197.7 77.0 115.4#
141 424.9 63.0 94.6#

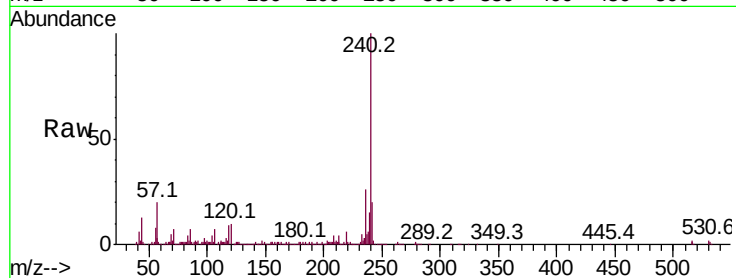




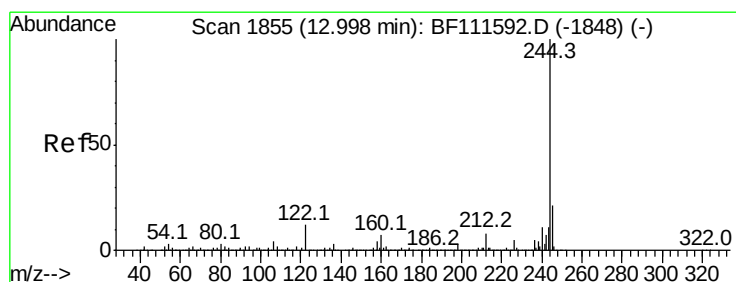
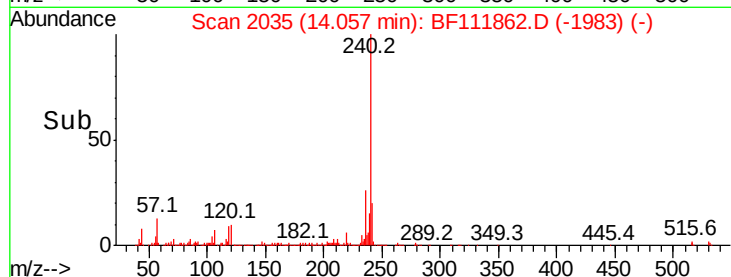
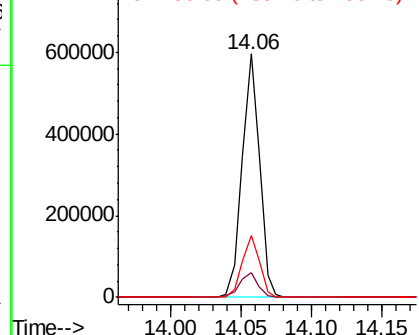
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF111862.D
 Acq: 4 Jan 2019 23:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.2	18.2#
236	25.6	20.2	30.2

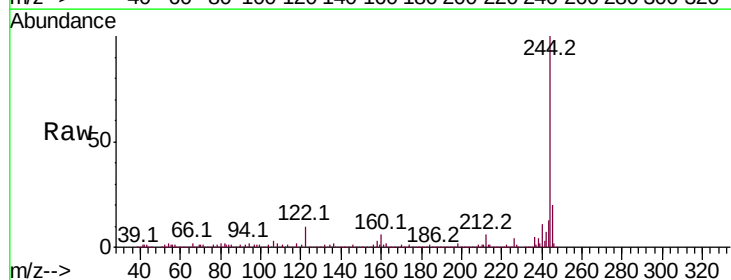


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

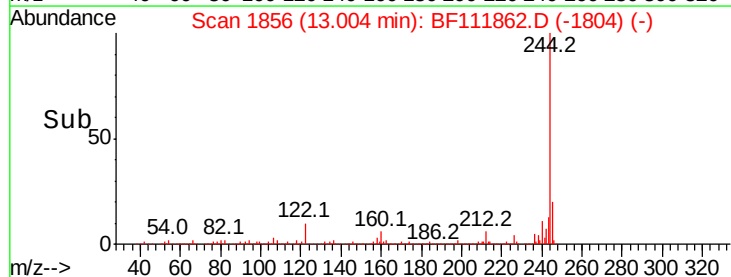
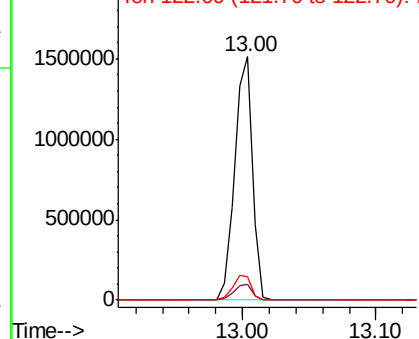


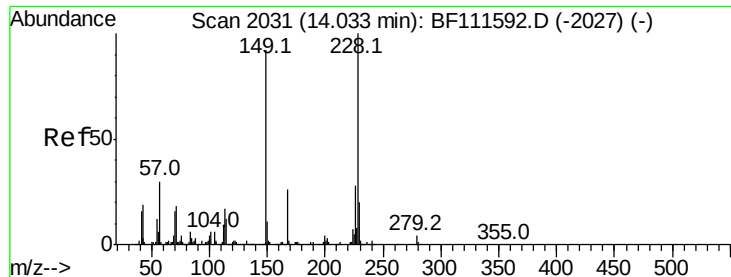
#79
 Terphenyl-d14
 Concen: 52.532 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111862.D
 Acq: 4 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	9.8	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





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.731 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF111862.D

Acq: 4 Jan 2019 23:13

Instrument :

BNA_G

ClientSampleId :

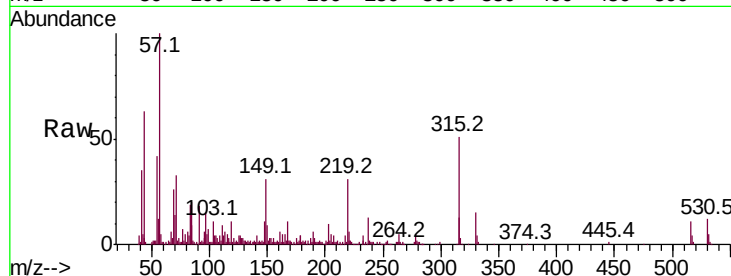
Tot Ion:149 Resp: 69566

Ion Ratio Lower Upper

149 100

167 35.1 22.5 33.7#

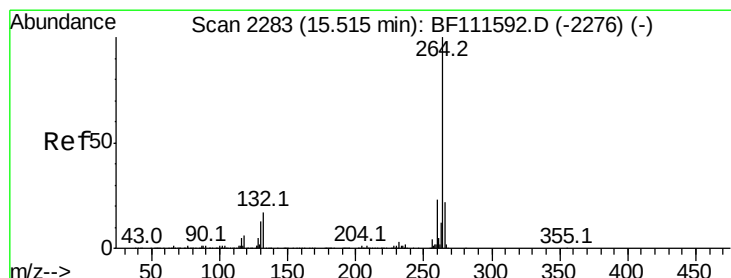
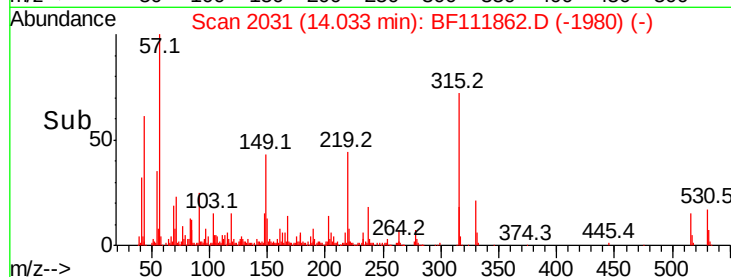
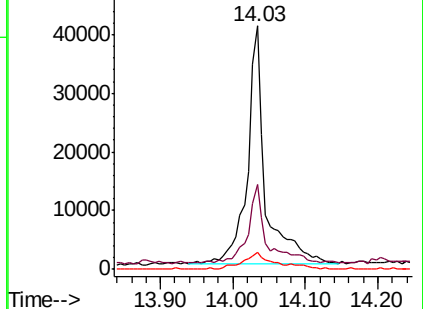
279 7.1 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2283

Delta R.T. 0.03 min

Lab File: BF111862.D

Acq: 4 Jan 2019 23:13

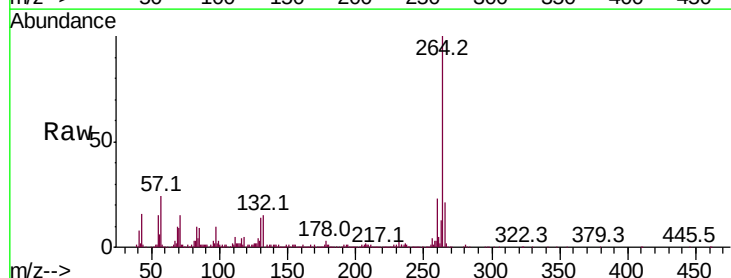
Tgt Ion:264 Resp: 420597

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.0 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

