

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115504.D
 Acq On : 11 Jul 2019 19:48
 Operator : HP/JU
 Sample : K3746-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:14:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	146335	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	571601	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	290446	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	580253	20.00	ng	0.00
76) Chrysene-d12	14.05	240	494172	20.00	ng	-0.02
87) Perylene-d12	15.53	264	490087	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	698290	73.73	ng	0.00
7) Phenol-d6	6.52	99	984397	81.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	630773	65.20	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	275515	85.79	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1203688	72.72	ng	0.00
79) Terphenyl-d14	13.00	244	1476468	61.17	ng	0.00

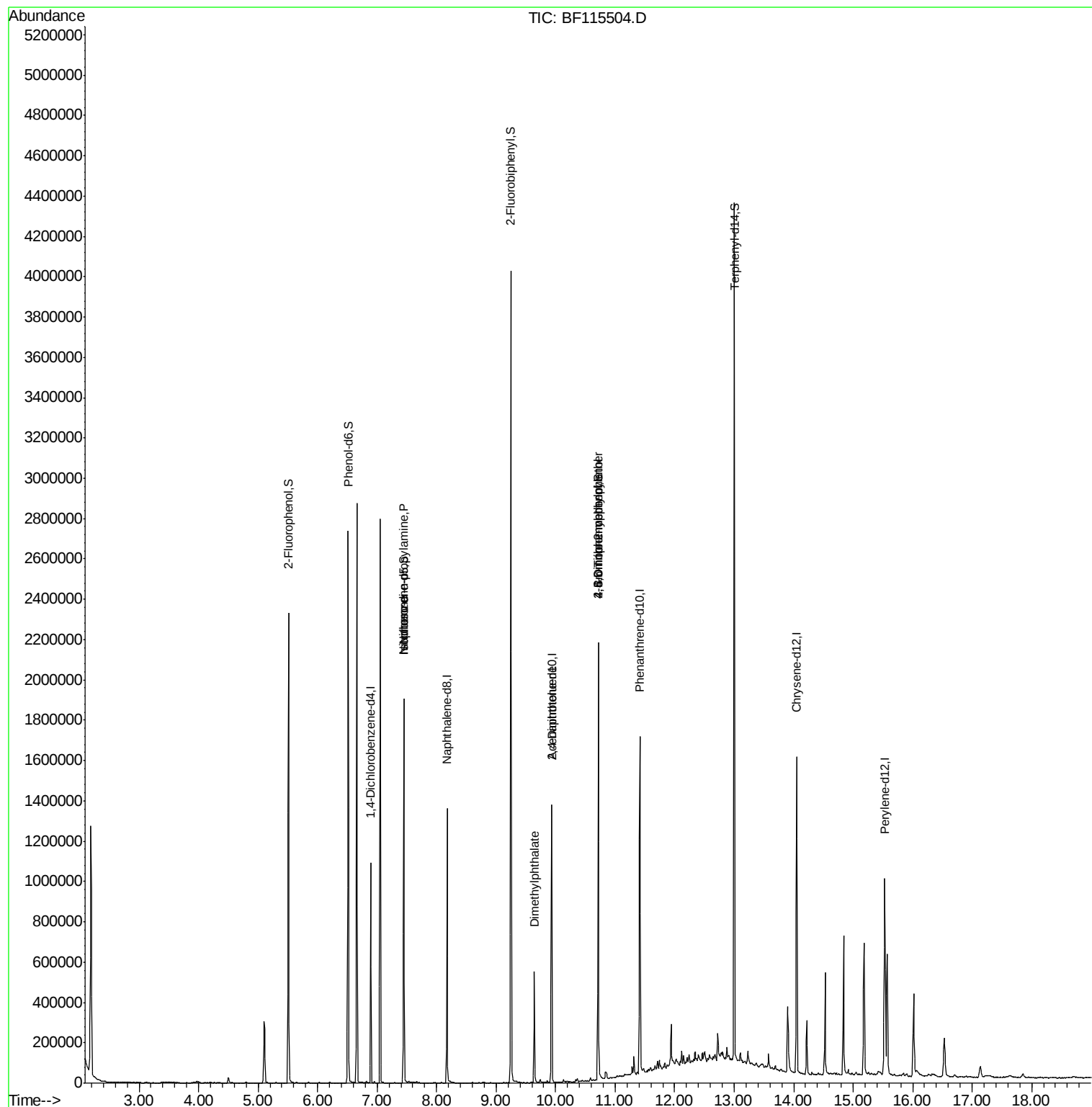
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	1339	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.45	70	82443	10.117	ng	# 78
25) Isophorone	7.45	82	622705	29.695	ng	# 64
50) Dimethylphthalate	9.64	163	219542	10.071	ng	# 99
57) 2,4-Dinitrotoluene	9.93	165	36678	6.104	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	508	7.971	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	16488	2.532	ng	# 1

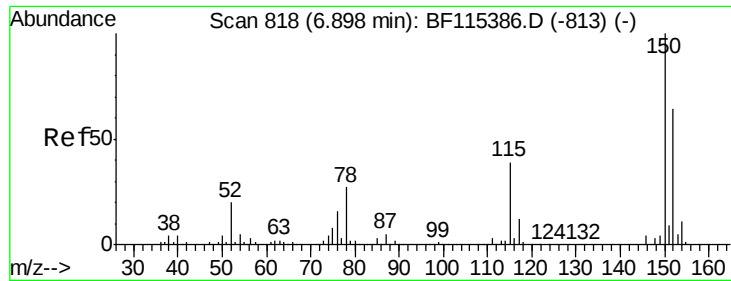
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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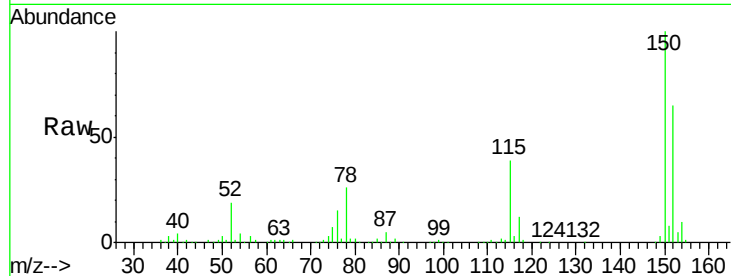


#1

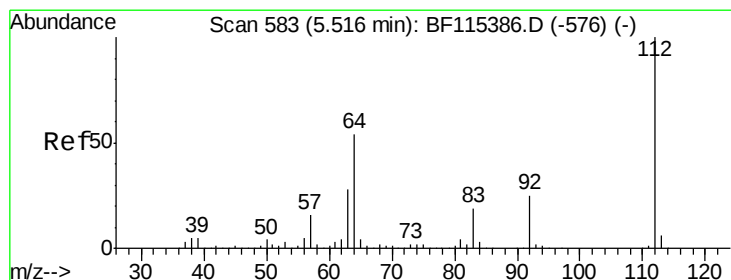
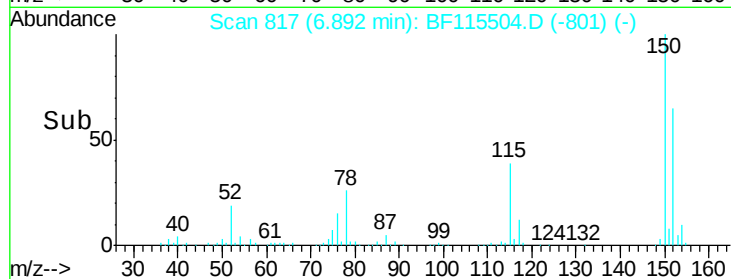
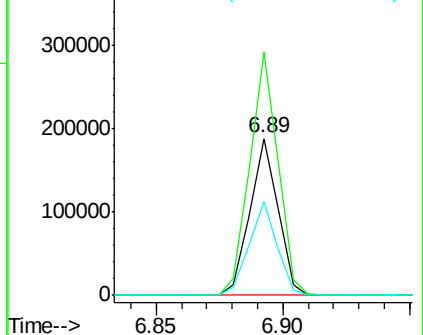
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.4	191.2
115	59.9	46.2	69.4



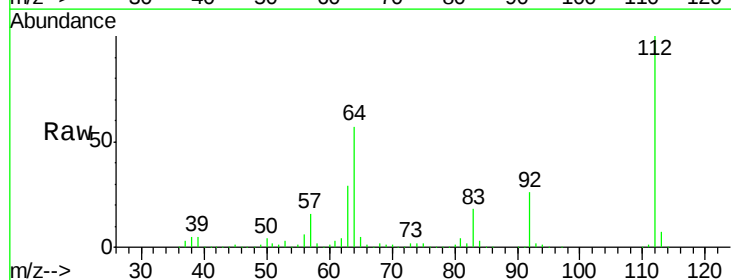
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



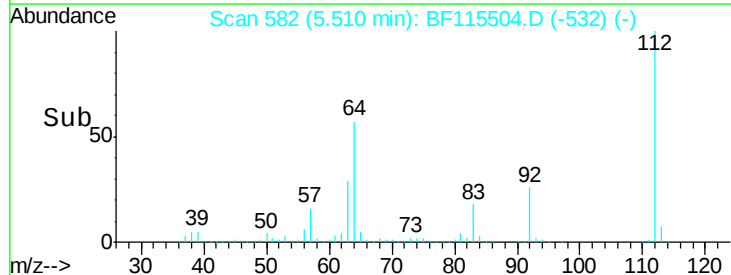
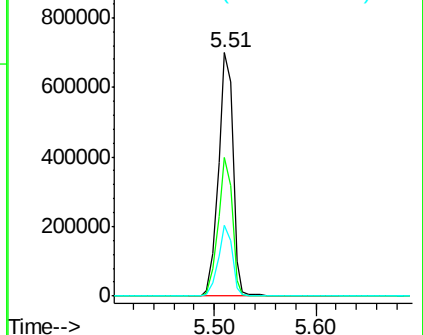
#5

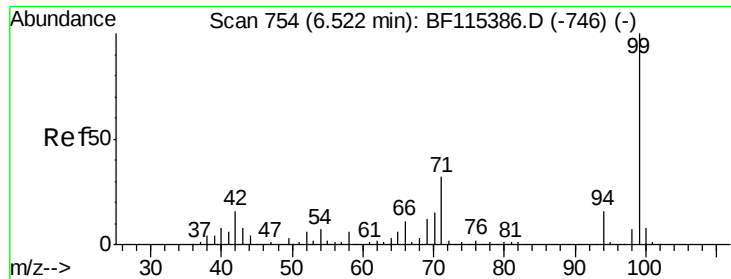
2-Fluorophenol
 Concen: 73.727 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.2	66.2
63	28.8	22.1	33.1



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: 81.723 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

Instrument :

BNA_F

ClientSampled :

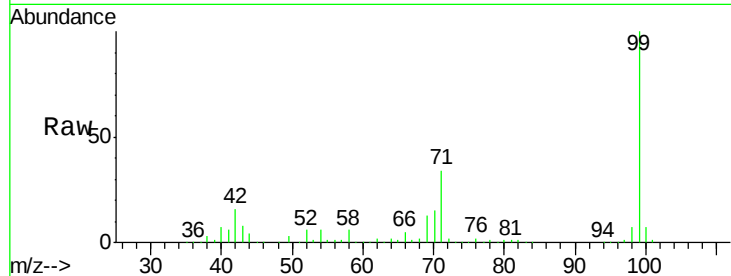
Tot Ion: 99 Resp: 984397

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

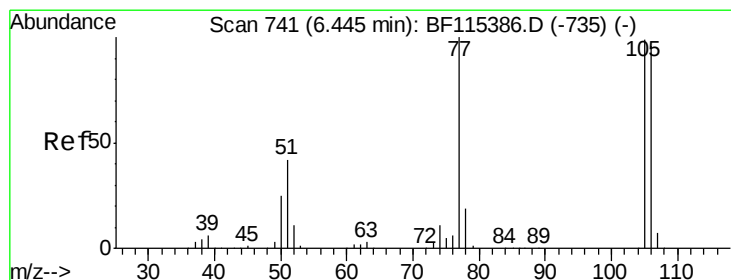
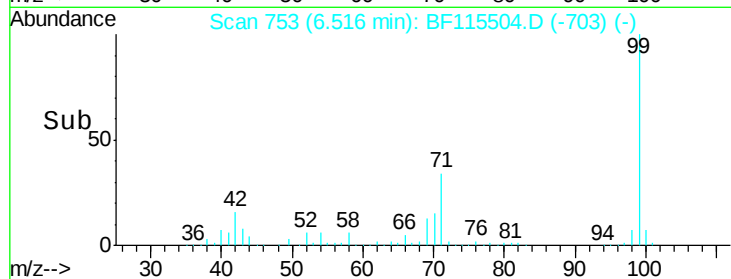
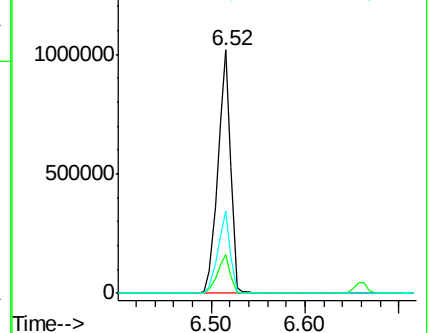
71 33.8 26.5 39.7



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.52 min Scan# 753

Delta R.T. 0.07 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

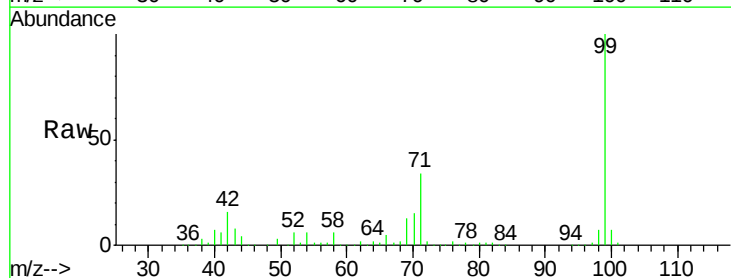
Tgt Ion: 77 Resp: 1339

Ion Ratio Lower Upper

77 100

105 0.0 82.9 122.9#

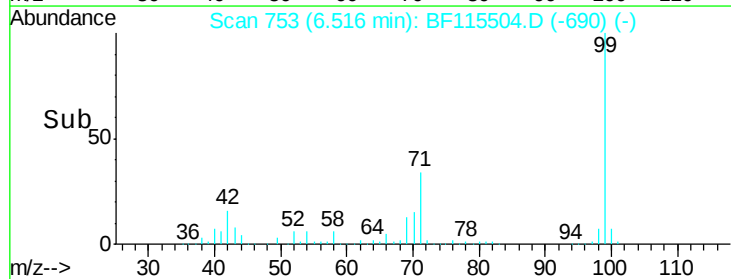
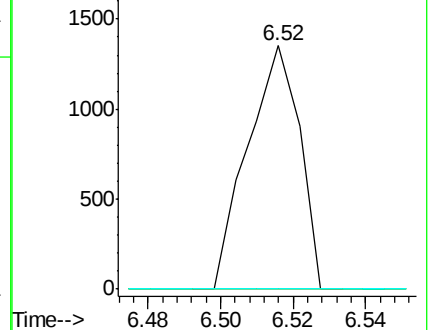
106 0.0 77.8 117.8#

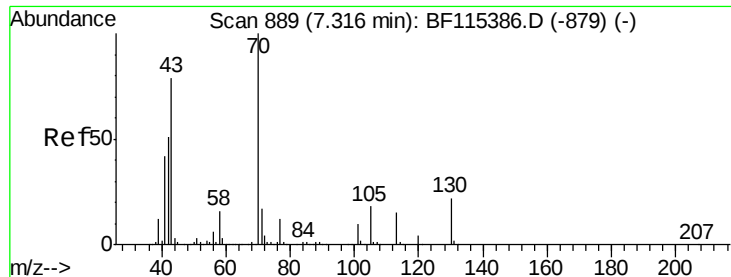


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

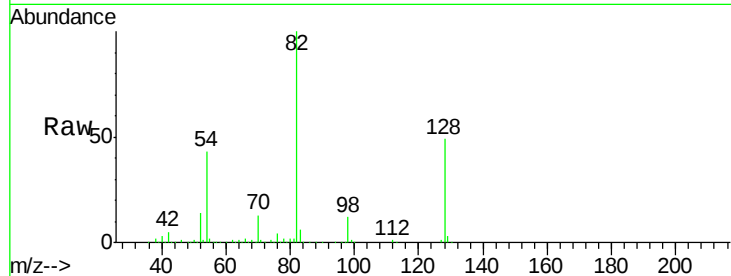




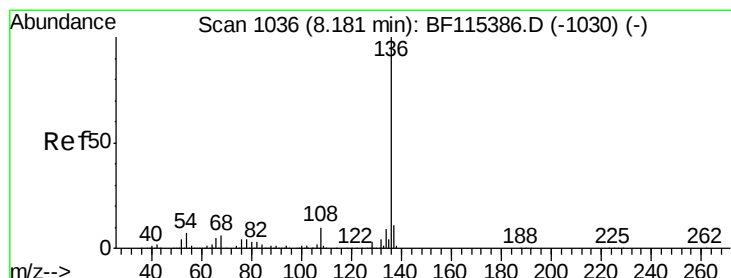
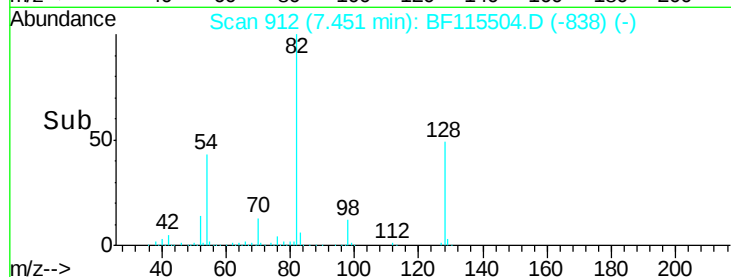
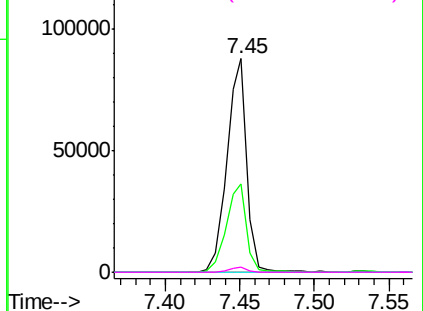
#19
n-Nitroso-di-n-propylamine
Concen: 10.117 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF115504.D
Acq: 11 Jul 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 82443
Ion Ratio Lower Upper
70 100
42 41.2 38.5 57.7
101 0.0 8.0 12.0#
130 2.5 19.1 28.7#

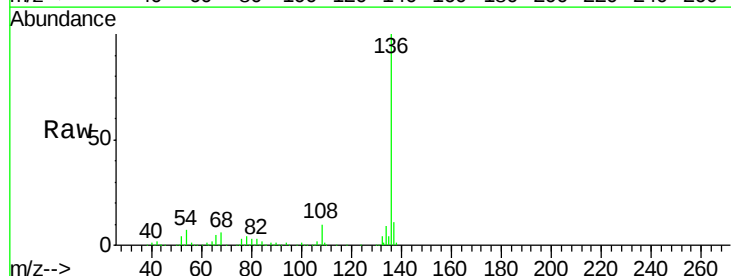


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

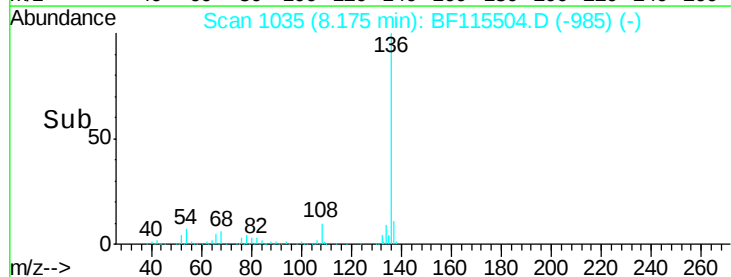
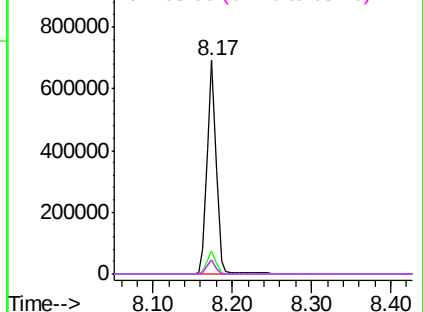


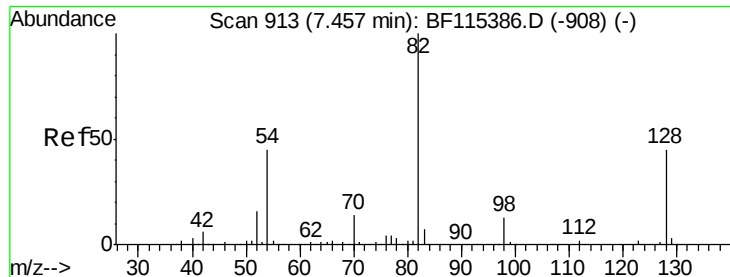
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115504.D
Acq: 11 Jul 2019 19:48

Tgt Ion:136 Resp: 571601
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.4 8.0
68 6.4 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

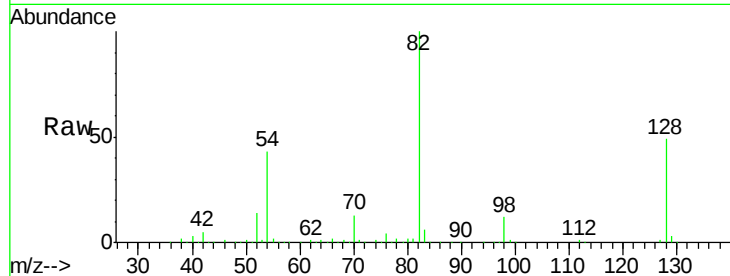




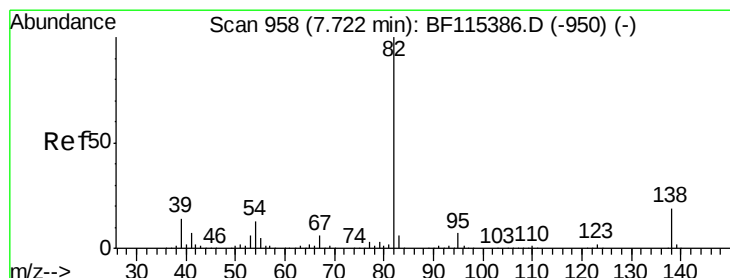
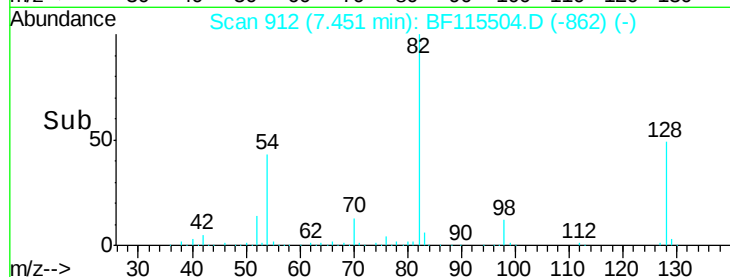
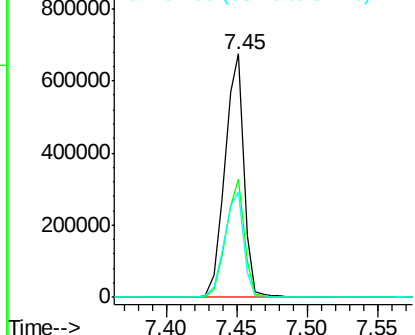
#23
Nitrobenzene-d5
Concen: 65.200 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115504.D
Acq: 11 Jul 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 630773
Ion Ratio Lower Upper
82 100
128 48.6 36.7 55.1
54 43.3 35.6 53.4

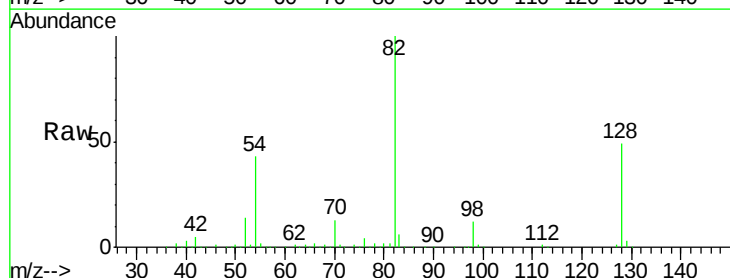


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

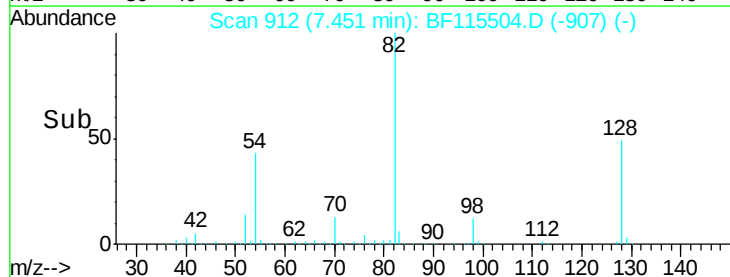
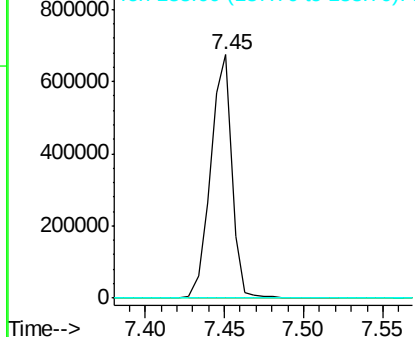


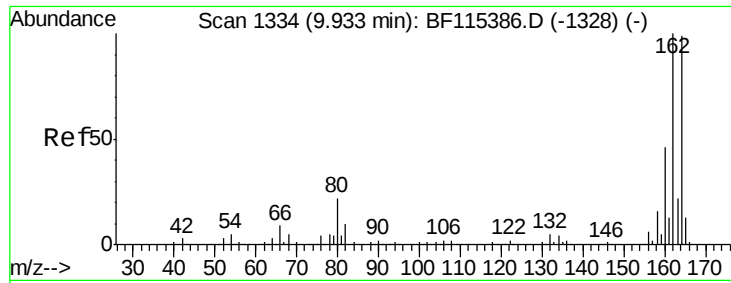
#25
Isophorone
Concen: 29.695 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.27 min
Lab File: BF115504.D
Acq: 11 Jul 2019 19:48

Tgt Ion: 82 Resp: 622705
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. -0.01 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

Instrument :

BNA_F

ClientSampleId :

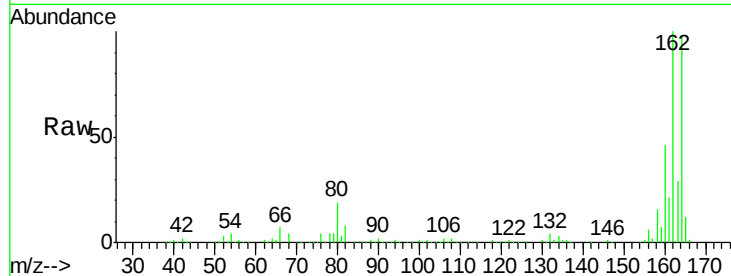
Tot Ion:164 Resp: 290446

Ion Ratio Lower Upper

164 100

162 102.4 82.3 123.5

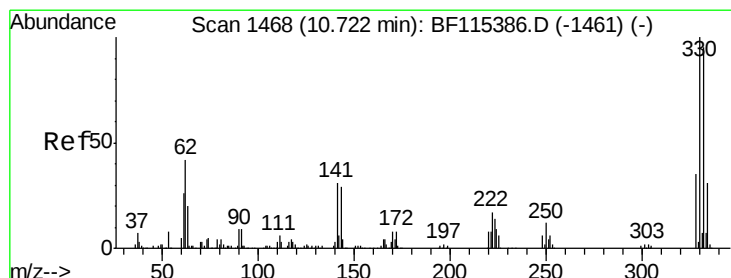
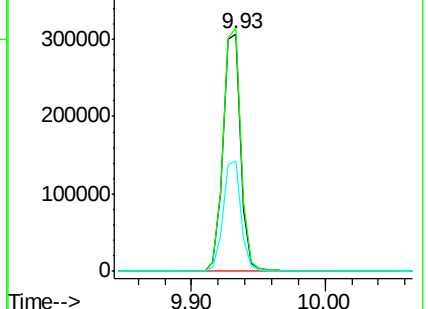
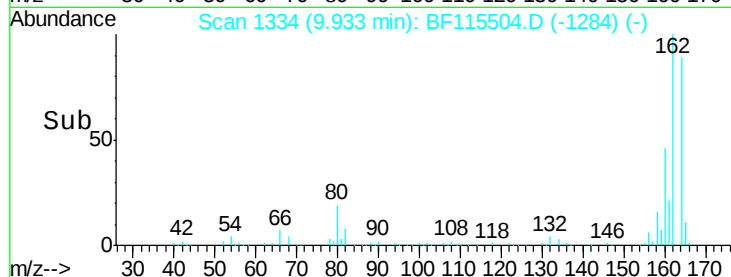
160 46.7 37.2 55.8



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: 85.794 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

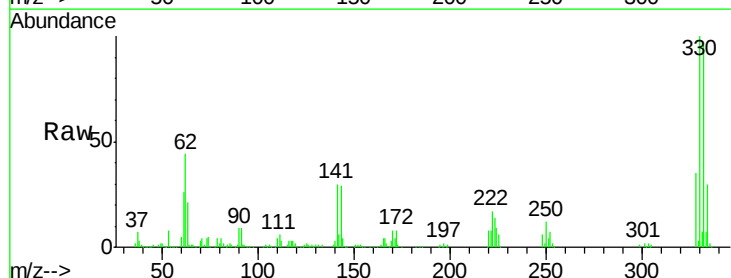
Tgt Ion:330 Resp: 275515

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

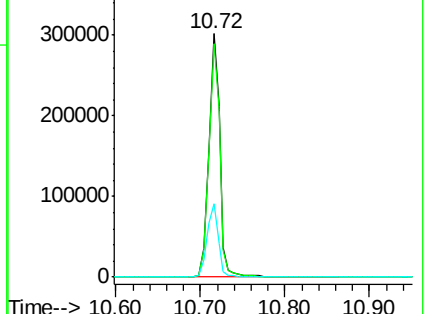
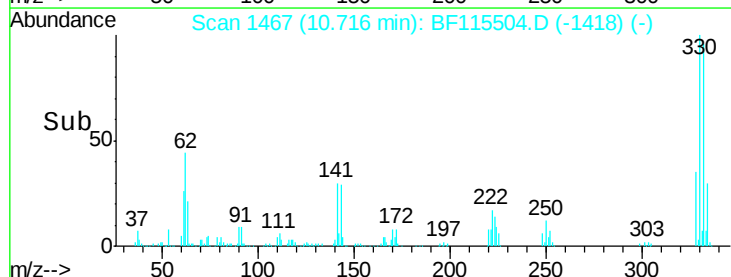
141 31.0 24.7 37.1

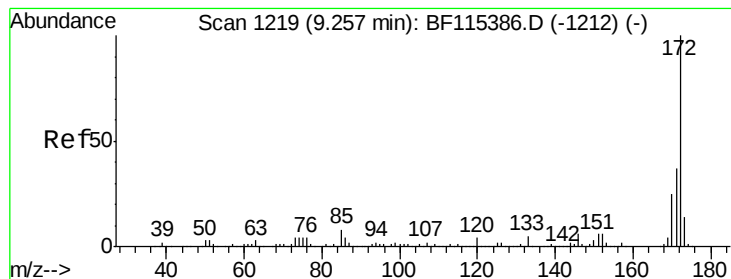


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 72.722 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

Instrument :

BNA_F

ClientSampleId :

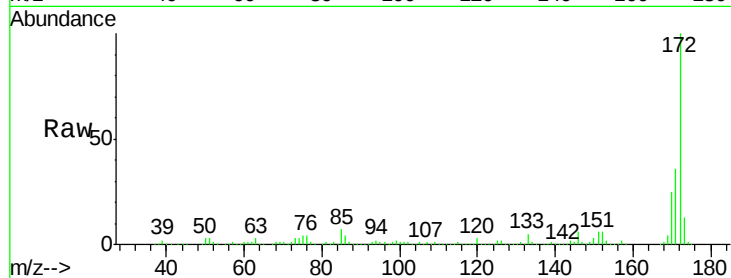
Tot Ion:172 Resp: 1203688

Ion Ratio Lower Upper

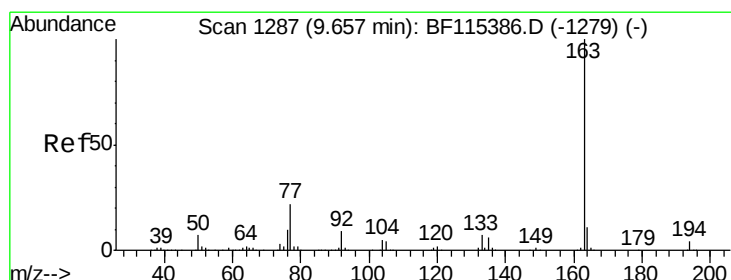
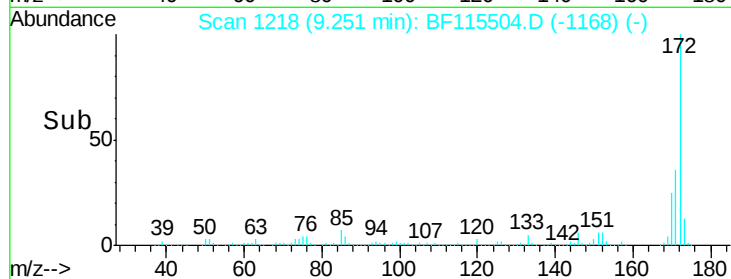
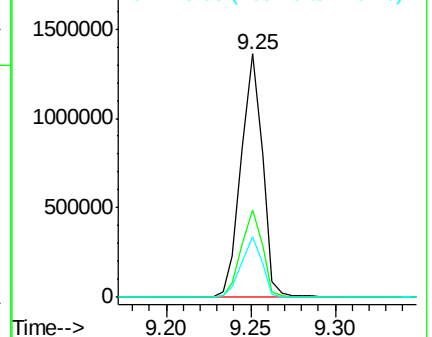
172 100

171 36.1 29.8 44.8

170 24.6 20.0 30.0



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: 10.071 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

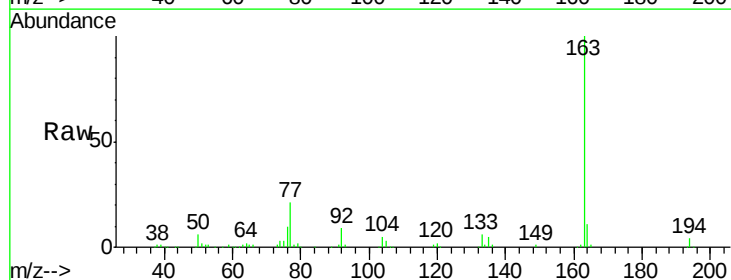
Tgt Ion:163 Resp: 219542

Ion Ratio Lower Upper

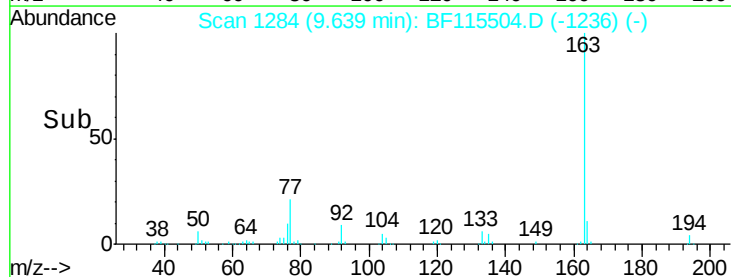
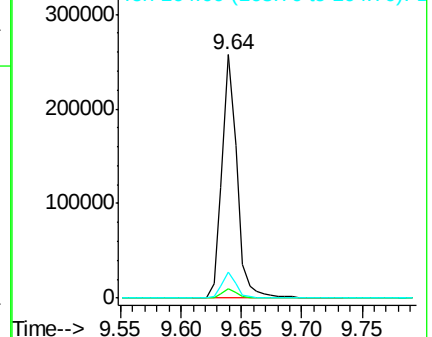
163 100

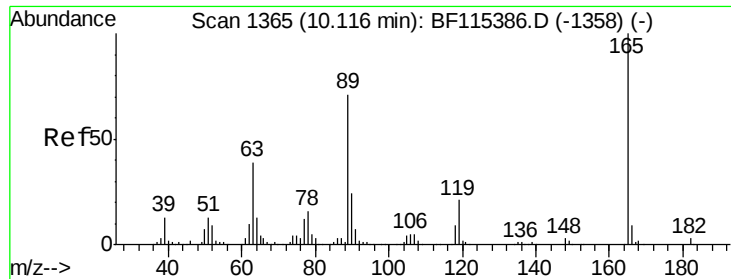
194 3.8 3.1 4.7

164 10.5 8.6 13.0



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

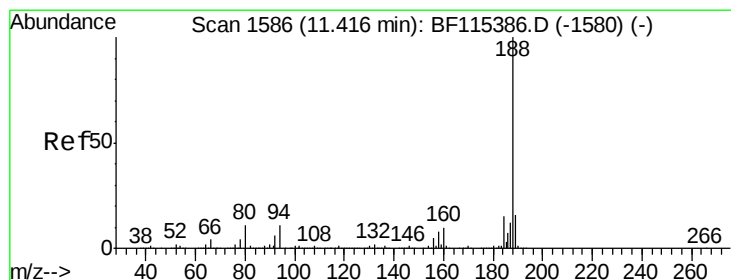
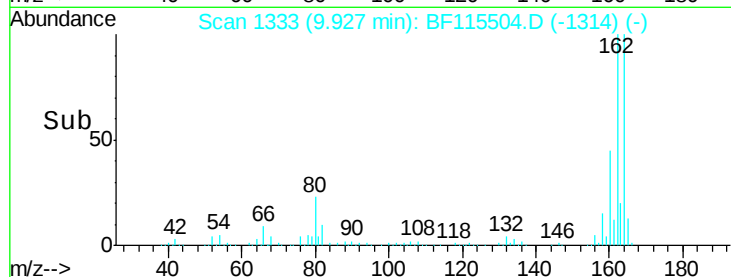
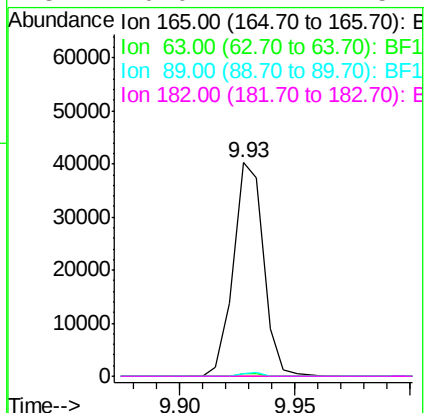
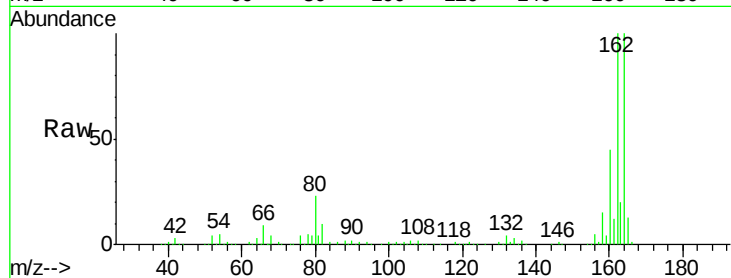




#57
 2,4-Dinitrotoluene
 Concen: 6.104 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

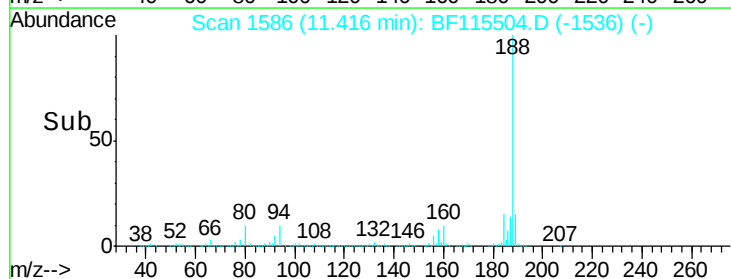
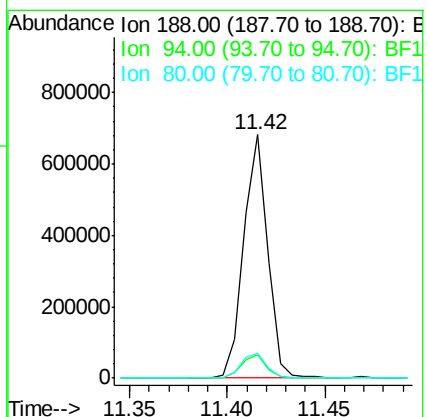
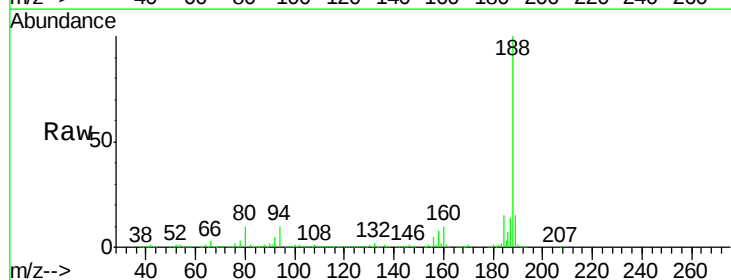
Instrument :
 BNA_F
 ClientSampleId :

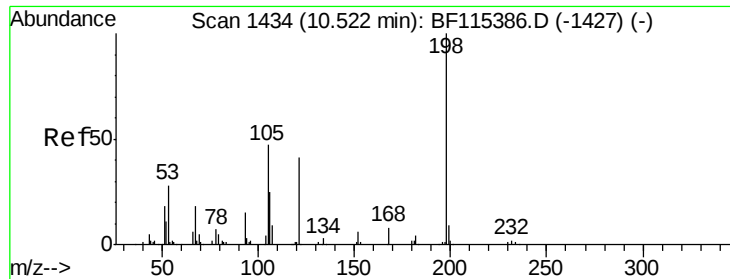
Tot Ion:165	Resp:	36678
Ion Ratio	Lower	Upper
165	100	
63	1.1	33.0 49.4#
89	1.1	58.5 87.7#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Tgt Ion:188	Resp:	580253
Ion Ratio	Lower	Upper
188	100	
94	9.6	7.8 11.8
80	10.2	8.4 12.6

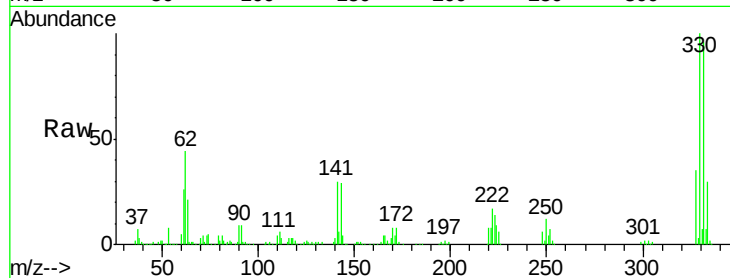




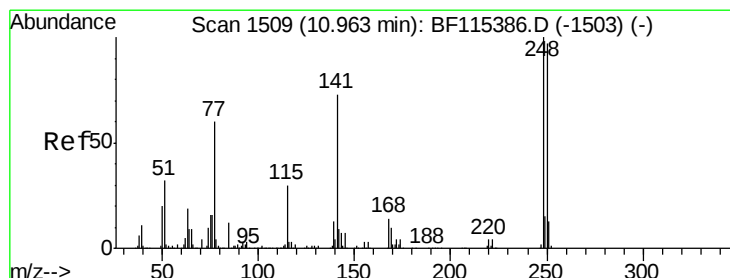
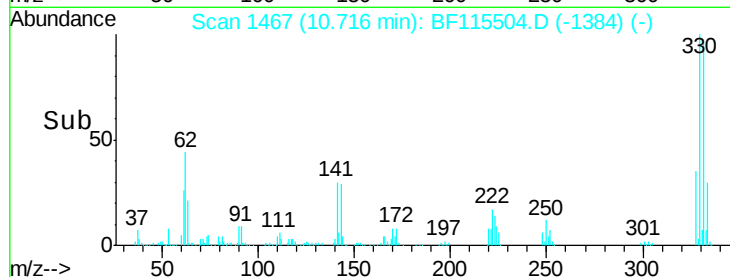
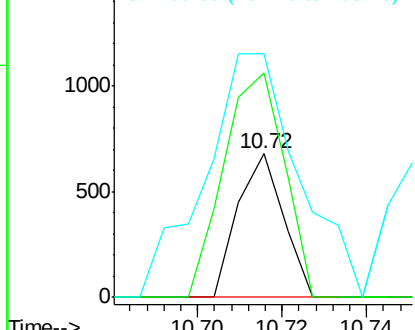
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.971 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.19 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 508
 Ion Ratio Lower Upper
 198 100
 51 156.5 20.7 60.7#
 105 169.4 25.3 65.3#

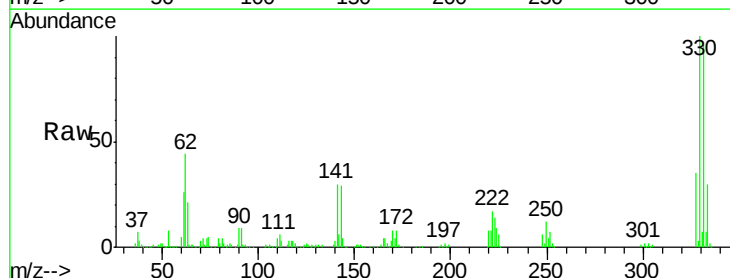


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

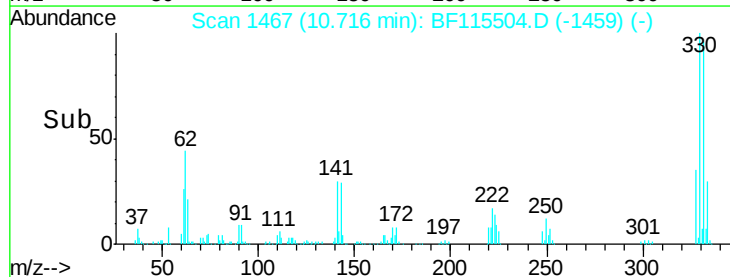
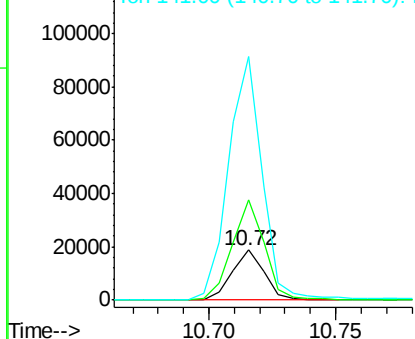


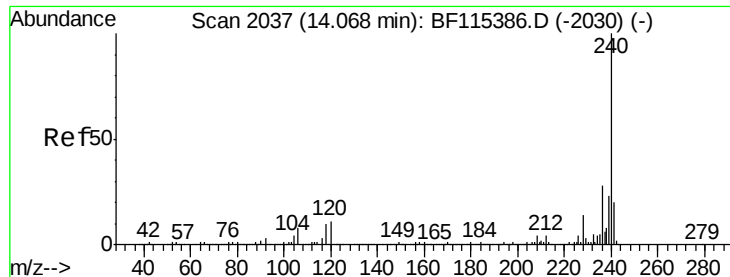
#67
 4-Bromophenyl-phenylether
 Concen: 2.532 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF115504.D
 Acq: 11 Jul 2019 19:48

Tgt Ion:248 Resp: 16488
 Ion Ratio Lower Upper
 248 100
 250 200.7 78.3 117.5#
 141 486.9 52.2 78.2#



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

Instrument :

BNA_F

ClientSampleId :

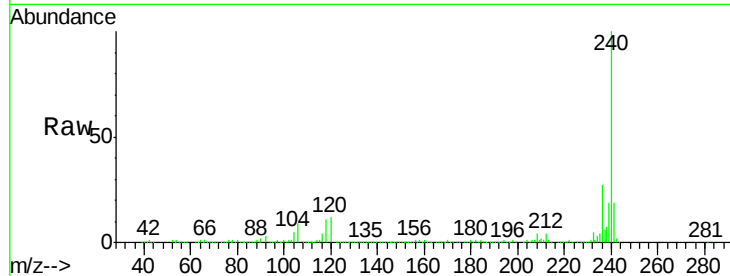
Tot Ion:240 Resp: 494172

Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.4

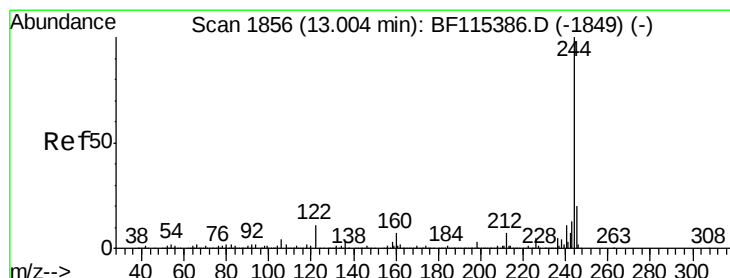
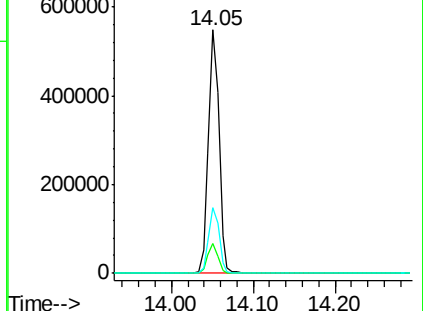
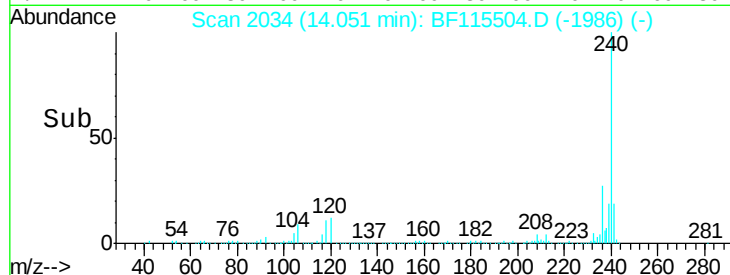
236 27.0 21.1 31.7



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: 61.175 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115504.D

Acq: 11 Jul 2019 19:48

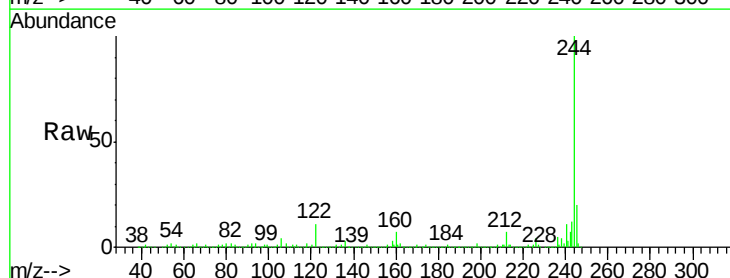
Tgt Ion:244 Resp: 1476468

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

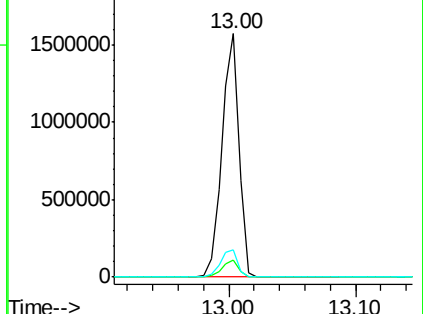
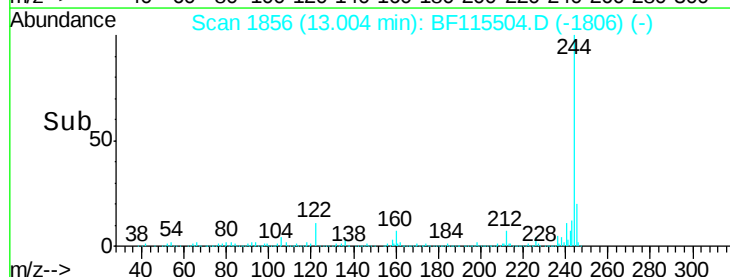
122 11.0 9.1 13.7

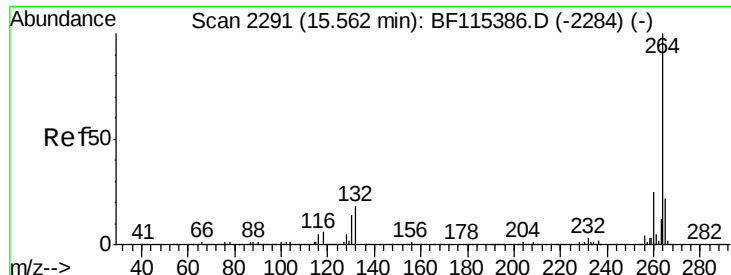


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

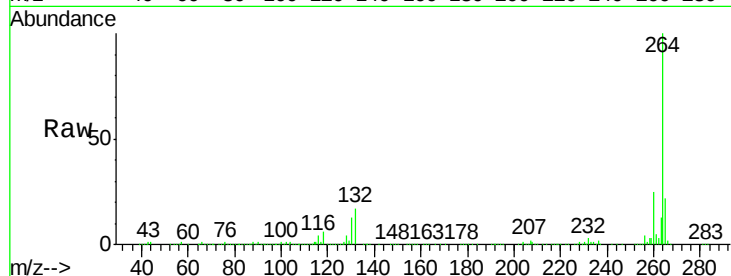




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115504.D
Acq: 11 Jul 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	21.8	17.8	26.6



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

