

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115496.D
 Acq On : 11 Jul 2019 12:48
 Operator : HP/JU
 Sample : PB121224BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:11:23 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	184836	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	724984	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	363369	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	706496	20.00	ng	0.00
76) Chrysene-d12	14.05	240	504521	20.00	ng	-0.02
87) Perylene-d12	15.53	264	451457	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1386780	115.92	ng	0.01
7) Phenol-d6	6.53	99	1784983	117.32	ng	0.00
23) Nitrobenzene-d5	7.46	82	1161895	94.69	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	532532	132.55	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2005628	96.85	ng	0.00
79) Terphenyl-d14	13.01	244	2267572	92.03	ng	0.00

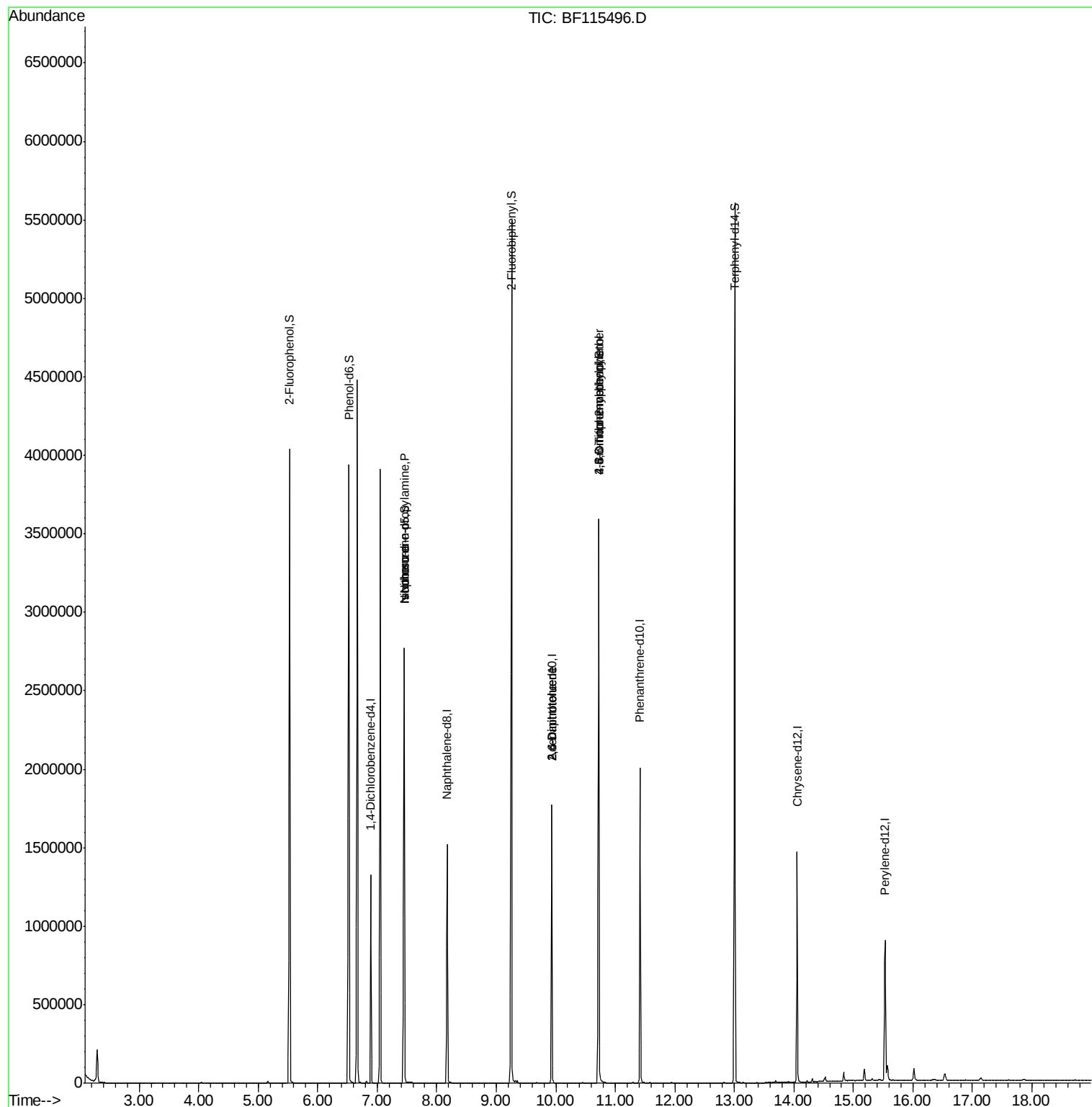
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	2782	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.46	70	154854	15.044	ng	# 76
25) Isophorone	7.46	82	1142373	42.952	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	46375	7.840	ng	# 28
57) 2,4-Dinitrotoluene	9.93	165	46375	6.169	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	1026	8.071	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	32215	4.064	ng	# 1

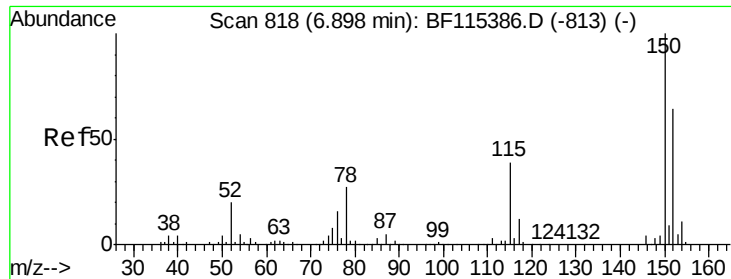
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115496.D
Acq On : 11 Jul 2019 12:48
Operator : HP/JU
Sample : PB121224BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 12 03:11:23 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

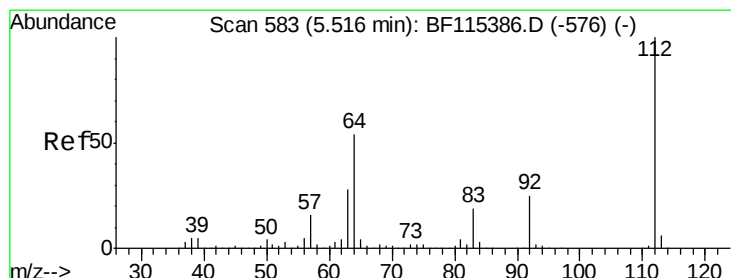
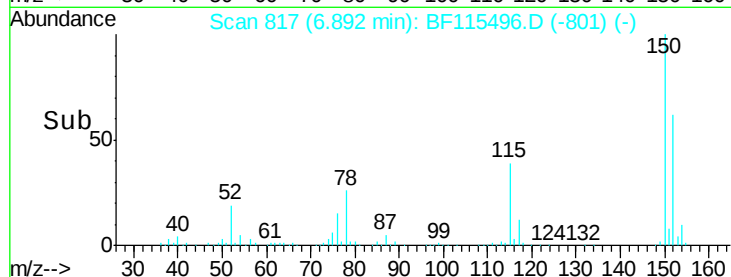
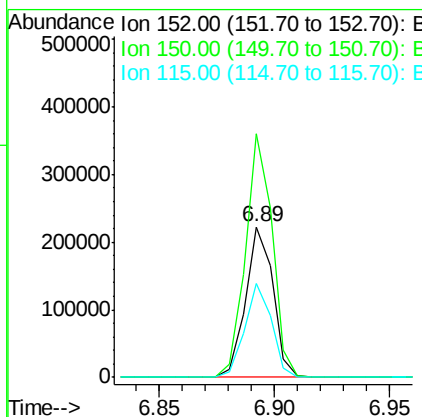
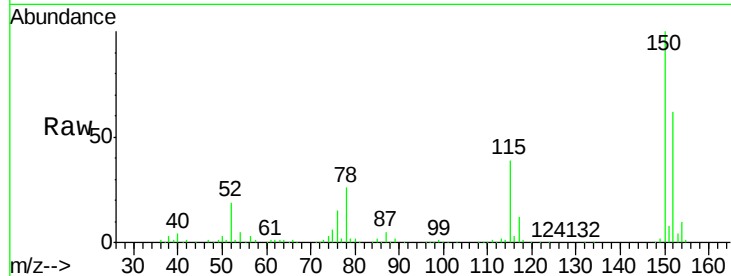




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115496.D
 Acq: 11 Jul 2019 12:48

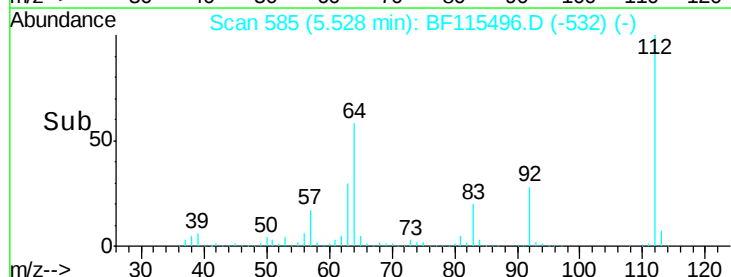
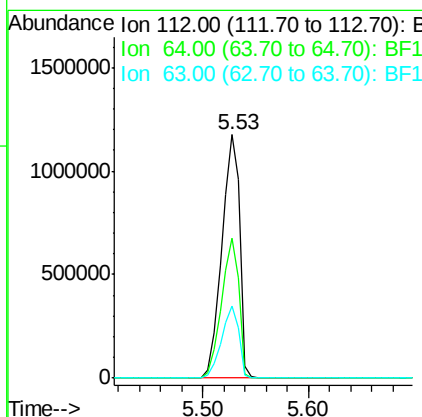
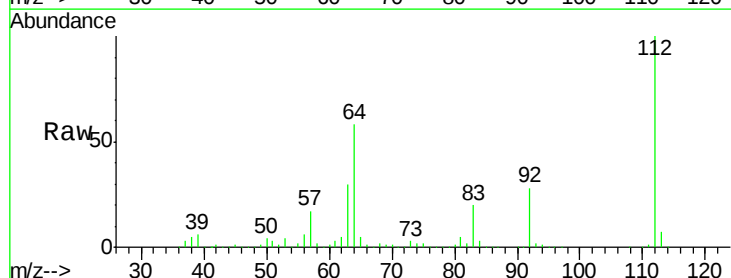
Instrument :
 BNA_F
 ClientSampled :

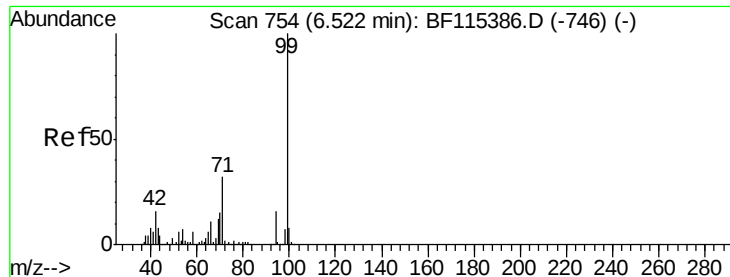
Tot Ion:152 Resp: 184836
 Ion Ratio Lower Upper
 152 100
 150 161.6 127.4 191.2
 115 62.4 46.2 69.4



#5
 2-Fluorophenol
 Concen: 115.920 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF115496.D
 Acq: 11 Jul 2019 12:48

Tgt Ion:112 Resp: 1386780
 Ion Ratio Lower Upper
 112 100
 64 57.6 44.2 66.2
 63 29.8 22.1 33.1





#7

Phenol-d6

Concen: 117.319 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

Instrument :

BNA_F

ClientSampleId :

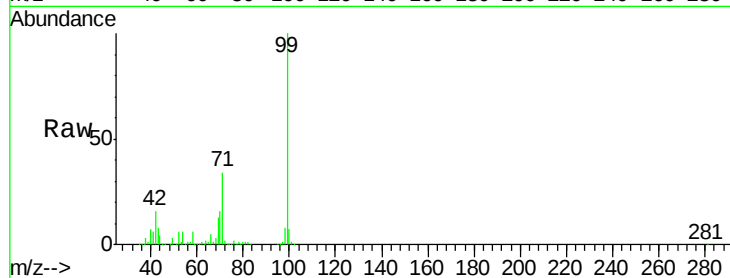
Tot Ion: 99 Resp: 1784983

Ion Ratio Lower Upper

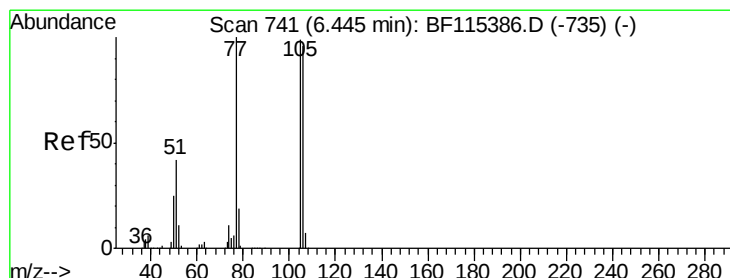
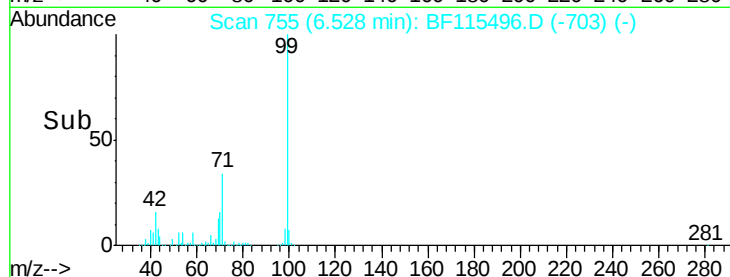
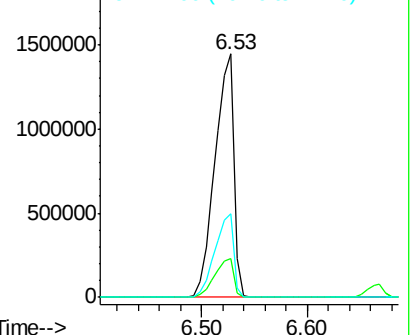
99 100

42 15.9 12.8 19.2

71 34.5 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: 6.53 min Scan# 755

Delta R.T. 0.08 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

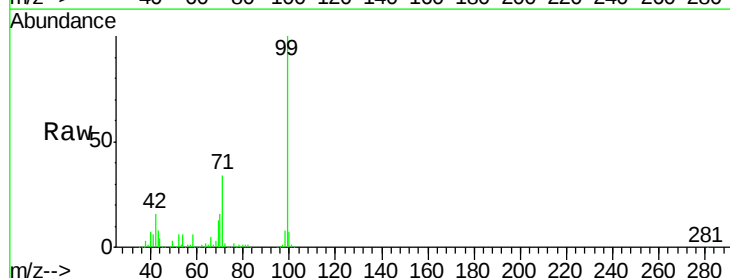
Tgt Ion: 77 Resp: 2782

Ion Ratio Lower Upper

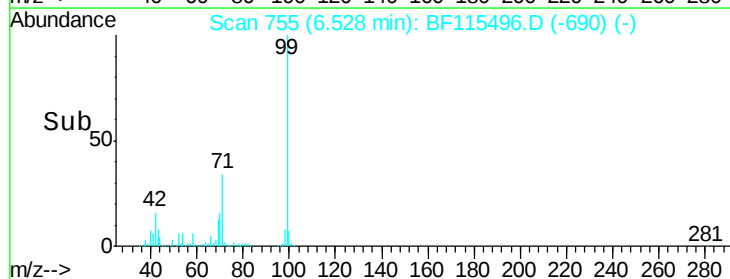
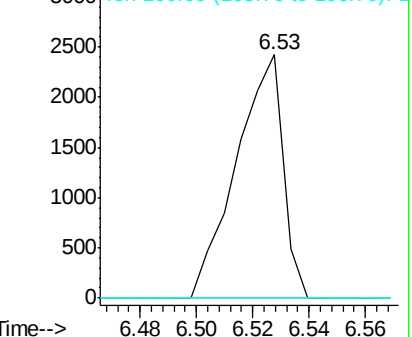
77 100

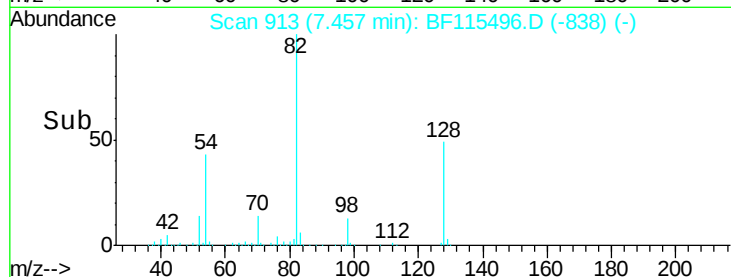
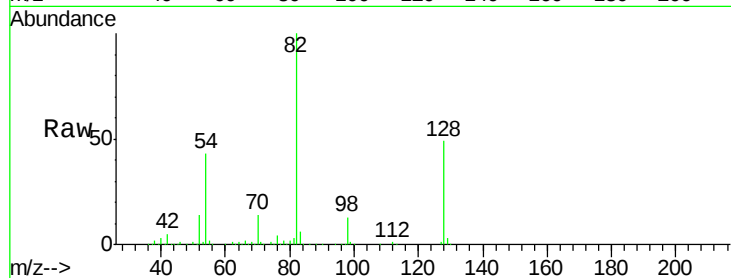
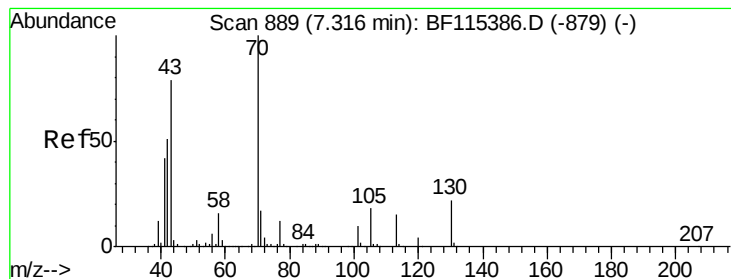
105 0.0 82.9 122.9#

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): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.044 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.14 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 154854

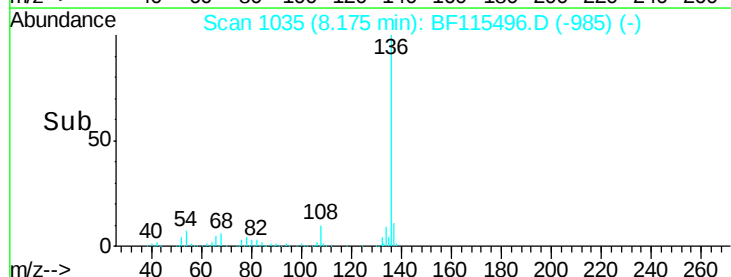
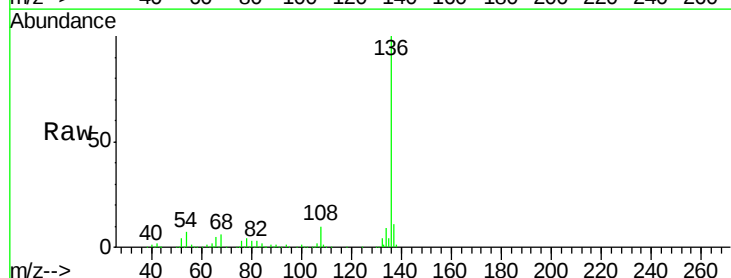
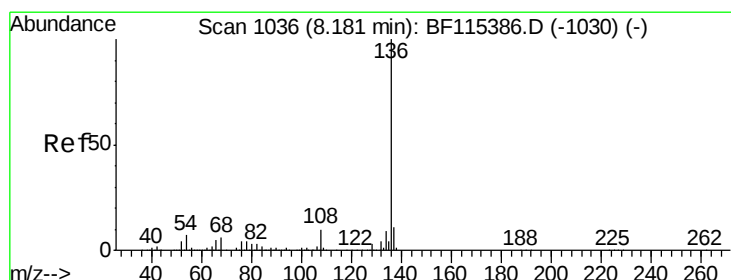
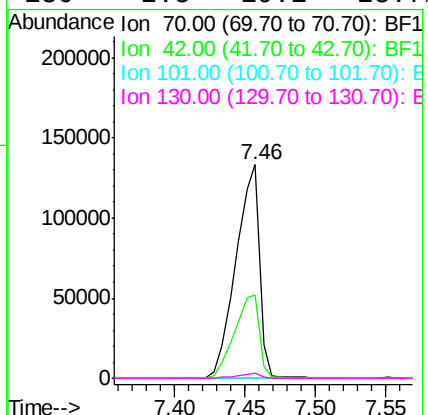
Ion Ratio Lower Upper

70 100

42 39.1 38.5 57.7

101 0.0 8.0 12.0#

130 2.5 19.1 28.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

Tgt Ion: 136 Resp: 724984

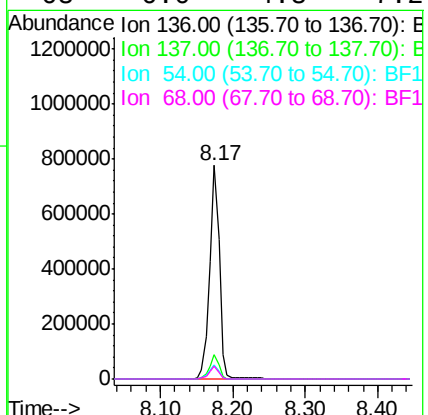
Ion Ratio Lower Upper

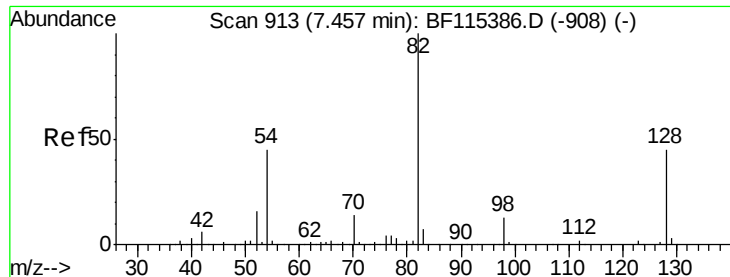
136 100

137 11.2 8.8 13.2

54 6.7 5.4 8.0

68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.690 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

Instrument :

BNA_F

ClientSampleId :

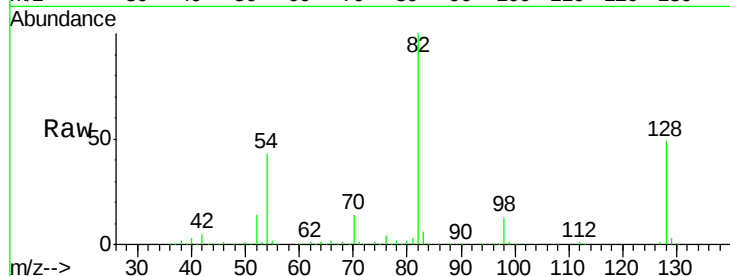
Tot Ion: 82 Resp: 1161895

Ion Ratio Lower Upper

82 100

128 48.8 36.7 55.1

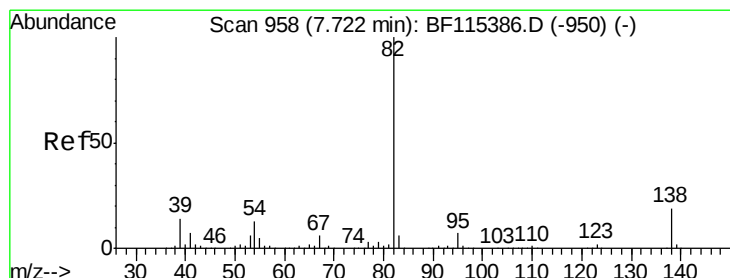
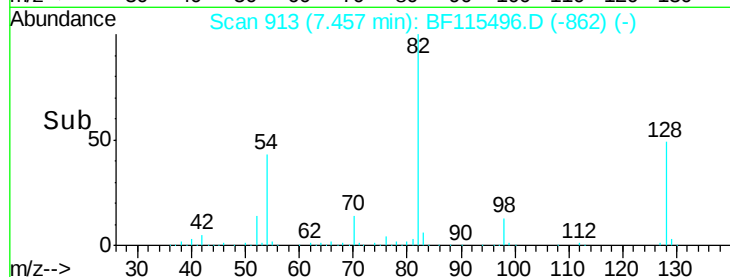
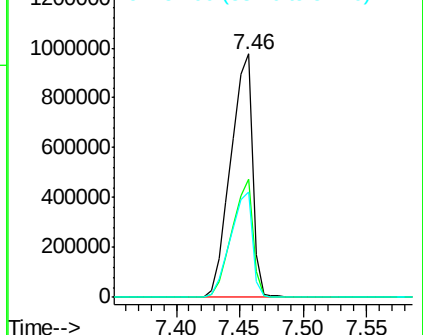
54 43.0 35.6 53.4



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: 42.952 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

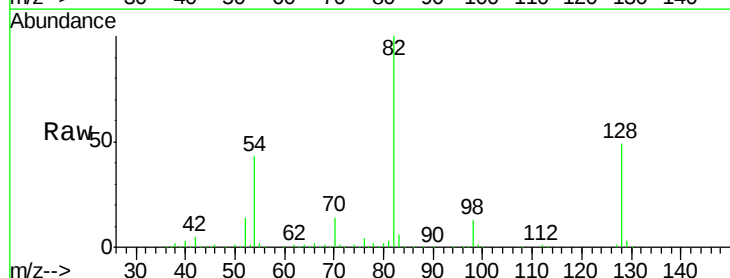
Tgt Ion: 82 Resp: 1142373

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

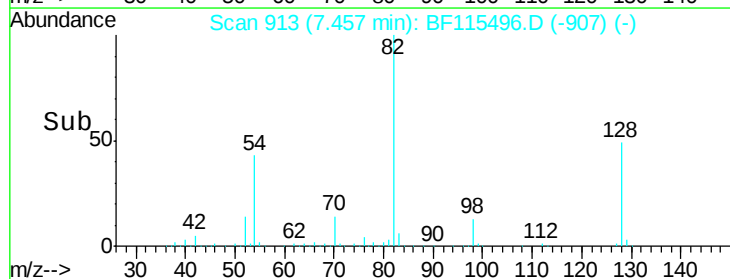
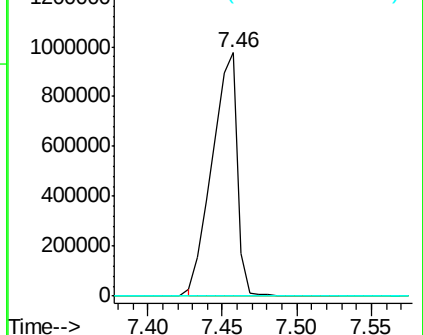
138 0.0 15.1 22.7#

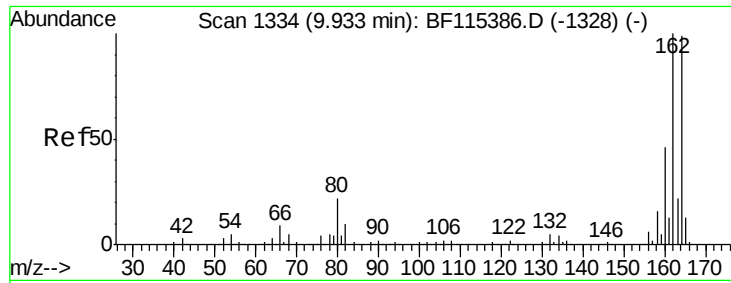


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

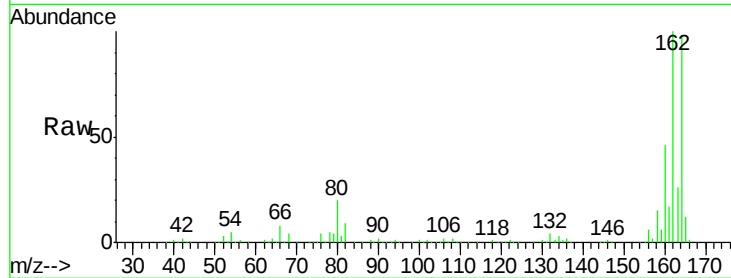




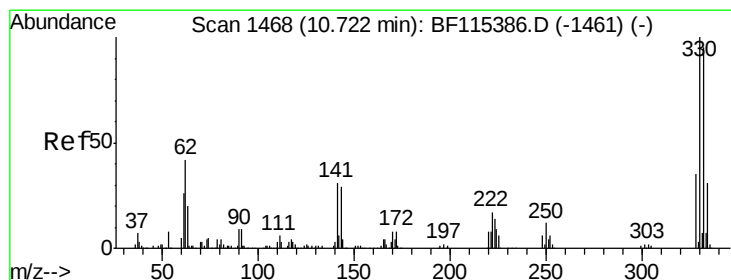
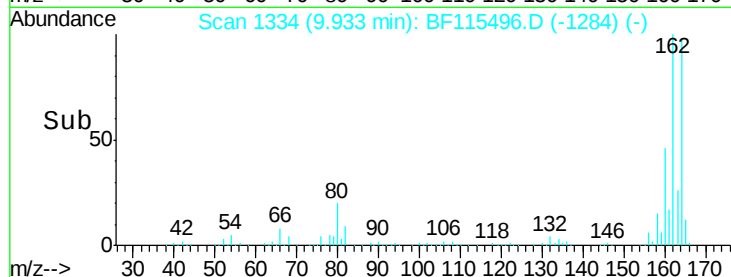
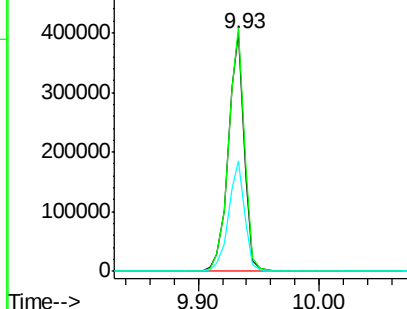
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF115496.D
 Acq: 11 Jul 2019 12:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 363369
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.3 123.5
 160 46.7 37.2 55.8

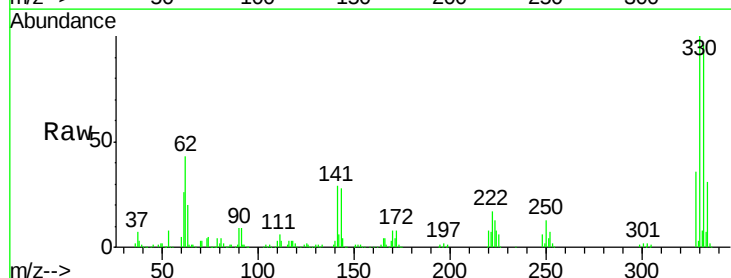


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

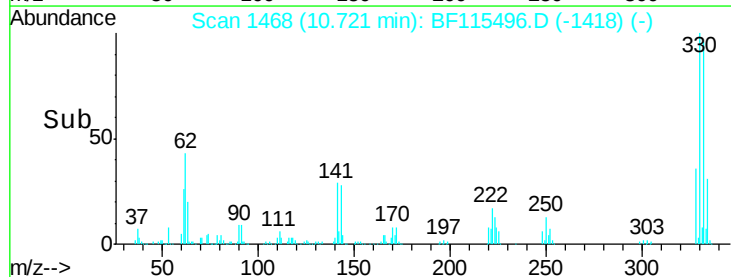
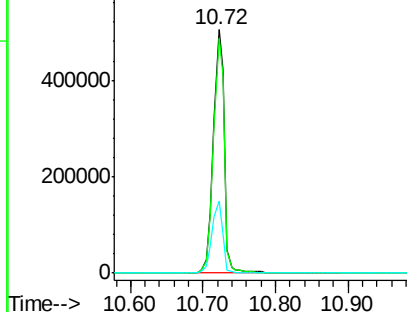


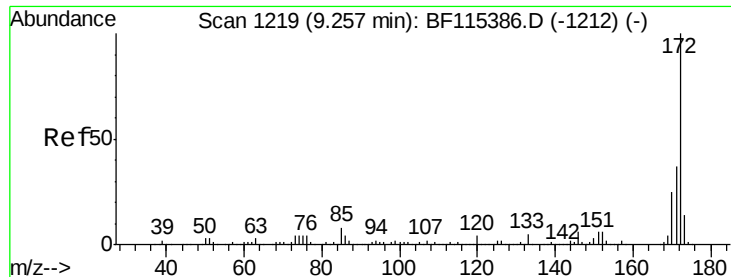
#42
 2,4,6-Tribromophenol
 Concen: 132.548 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF115496.D
 Acq: 11 Jul 2019 12:48

Tgt Ion:330 Resp: 532532
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.0
 141 29.4 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

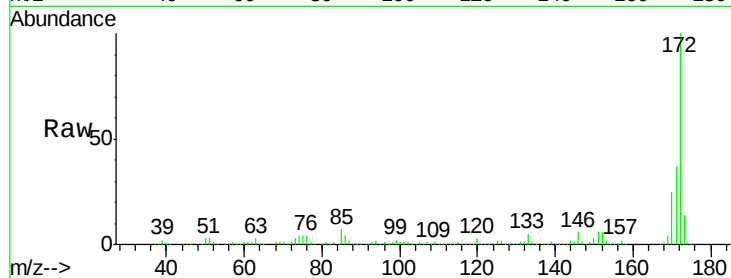




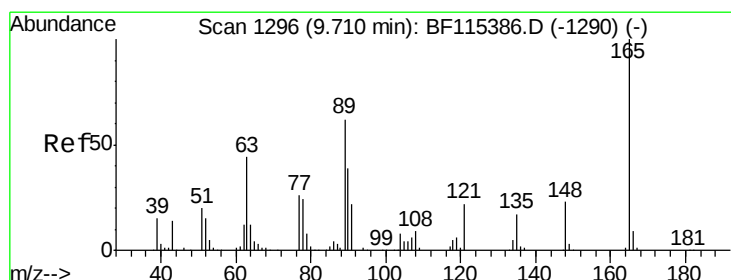
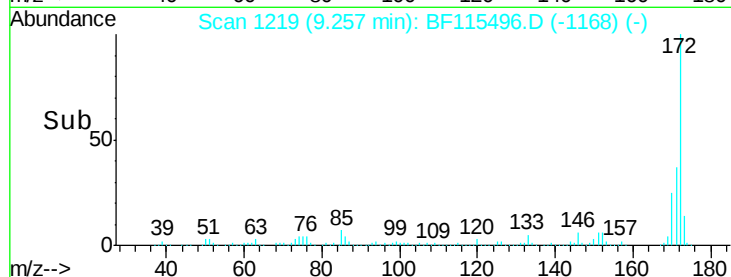
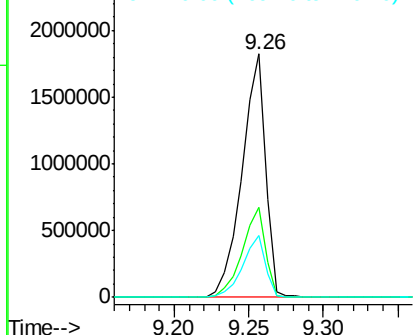
#45
 2-Fluorobiphenyl
 Concen: 96.854 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF115496.D
 Acq: 11 Jul 2019 12:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2005628
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.8
 170 25.3 20.0 30.0

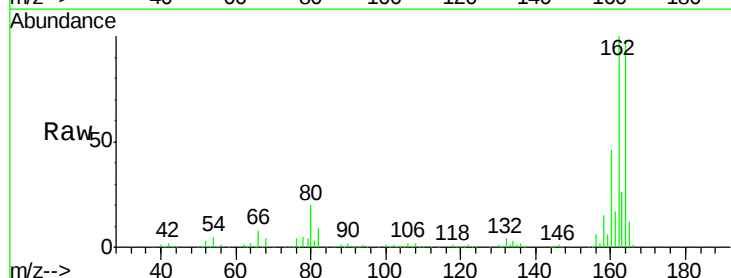


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

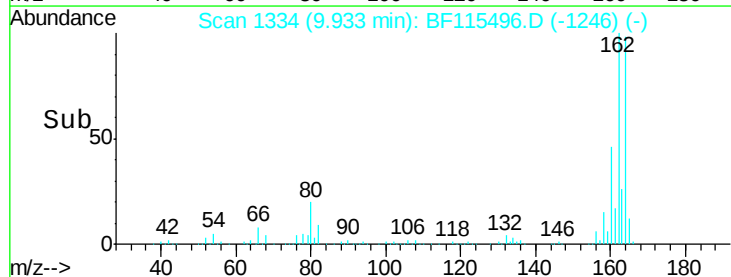
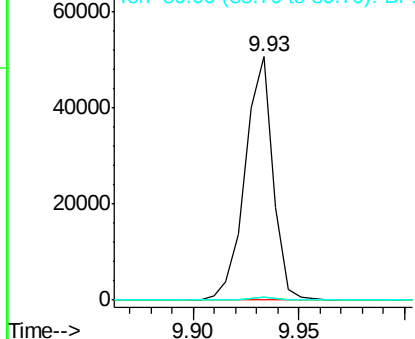


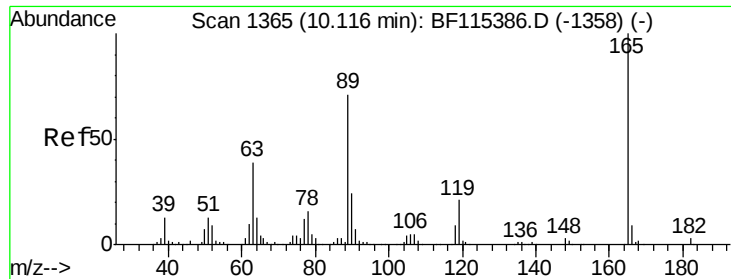
#51
 2,6-Dinitrotoluene
 Concen: 7.840 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF115496.D
 Acq: 11 Jul 2019 12:48

Tgt Ion:165 Resp: 46375
 Ion Ratio Lower Upper
 165 100
 63 1.0 39.7 59.5#
 89 1.4 42.8 64.2#



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

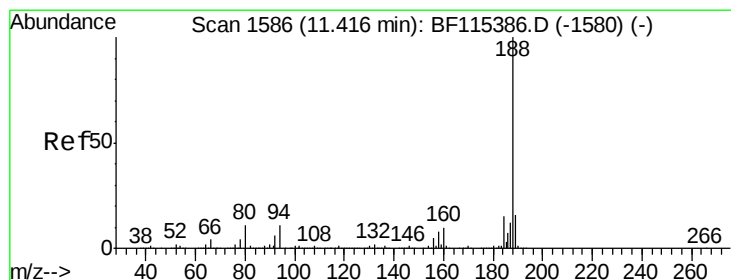
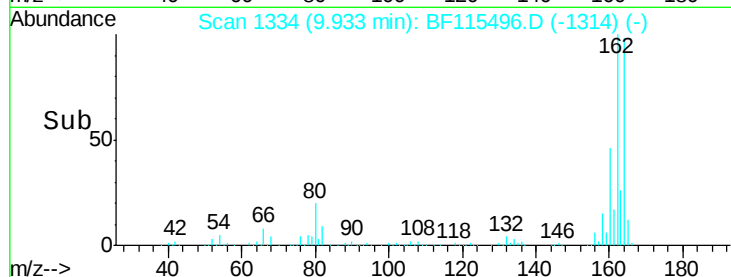
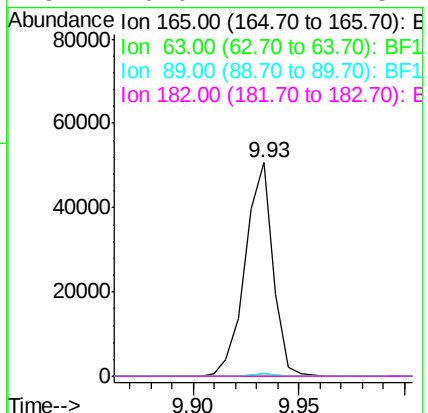
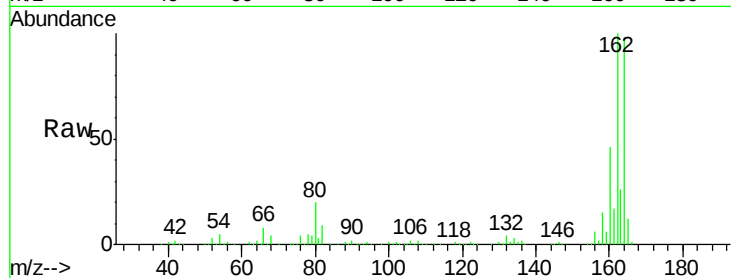




#57
 2,4-Dinitrotoluene
 Concen: 6.169 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF115496.D
 Acq: 11 Jul 2019 12:48

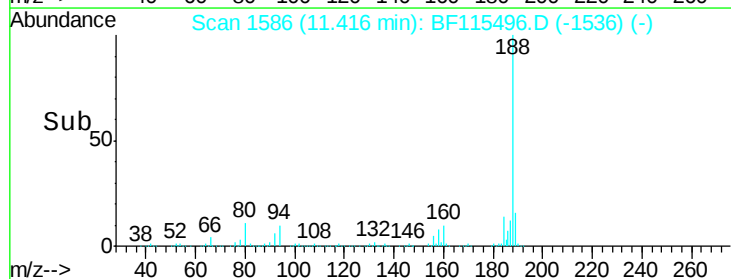
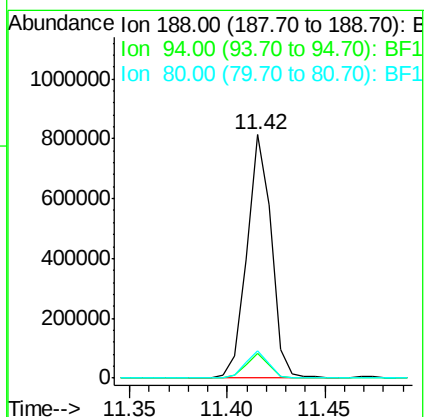
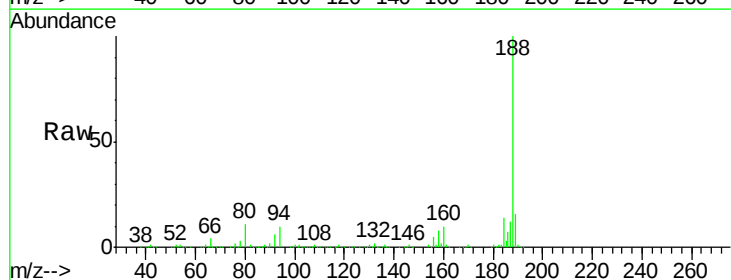
Instrument :
 BNA_F
 ClientSampleId :

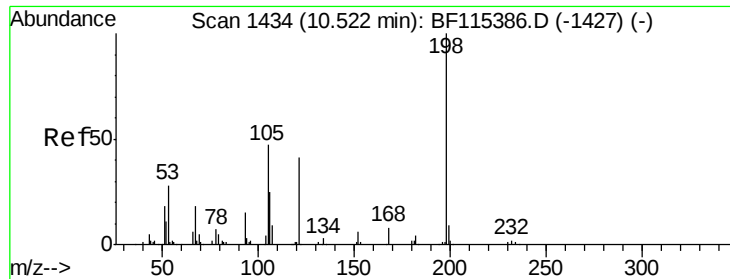
Tot Ion:165	Resp:	46375
Ion Ratio	Lower	Upper
165	100	
63	1.0	33.0 49.4#
89	1.4	58.5 87.7#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF115496.D
 Acq: 11 Jul 2019 12:48

Tgt Ion:188	Resp:	706496
Ion Ratio	Lower	Upper
188	100	
94	10.4	7.8 11.8
80	11.2	8.4 12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 8.071 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

Instrument :

BNA_F

ClientSampleId :

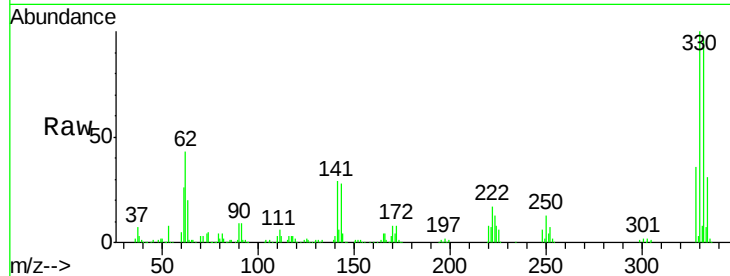
Tot Ion:198 Resp: 1026

Ion Ratio Lower Upper

198 100

51 152.8 20.7 60.7#

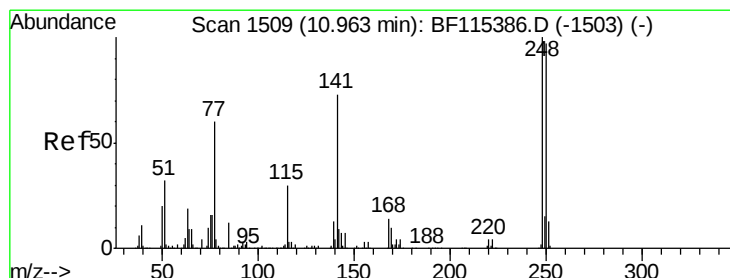
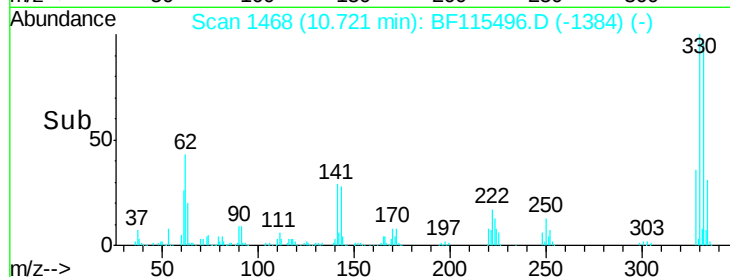
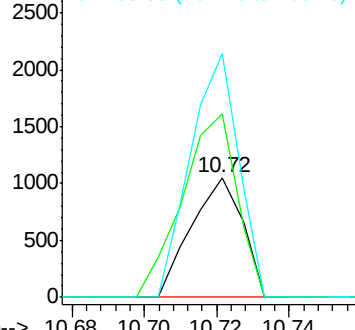
105 203.3 25.3 65.3#



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: 4.064 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.25 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

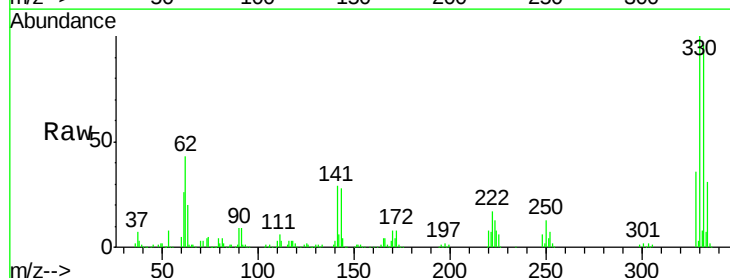
Tgt Ion:248 Resp: 32215

Ion Ratio Lower Upper

248 100

250 202.0 78.3 117.5#

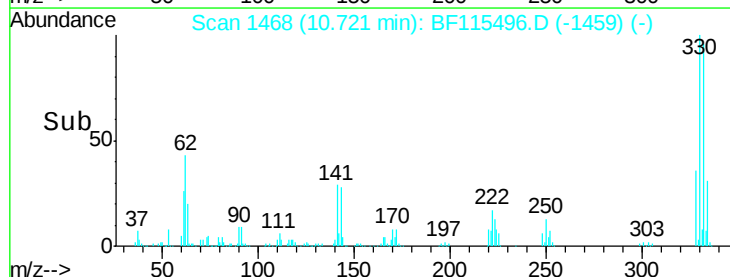
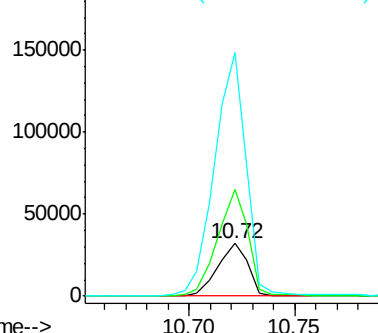
141 463.1 52.2 78.2#

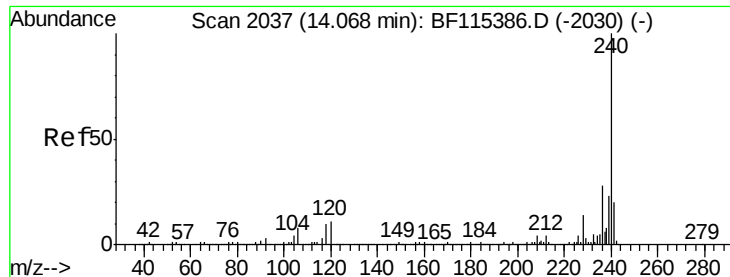


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

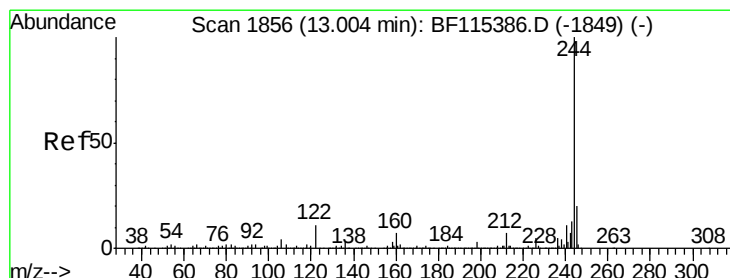
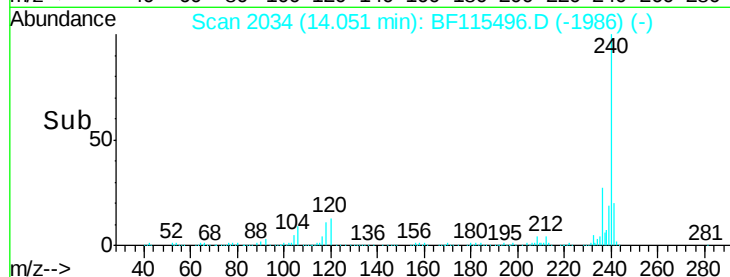
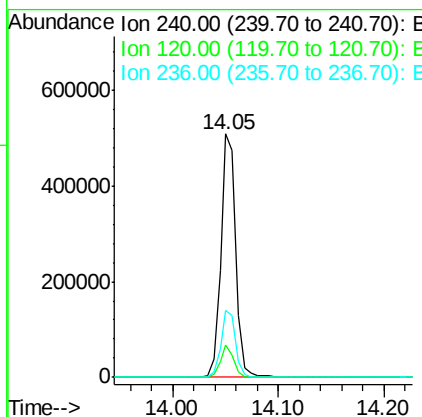
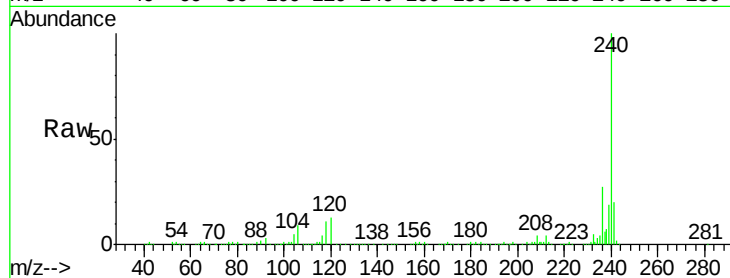




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF115496.D
 Acq: 11 Jul 2019 12:48

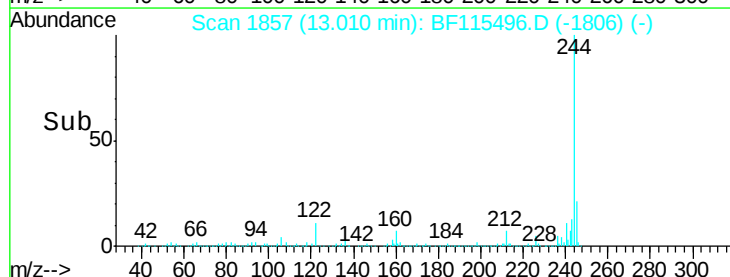
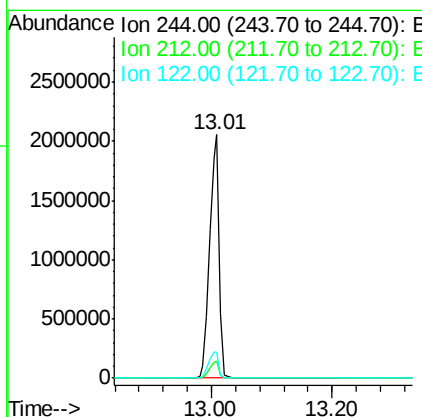
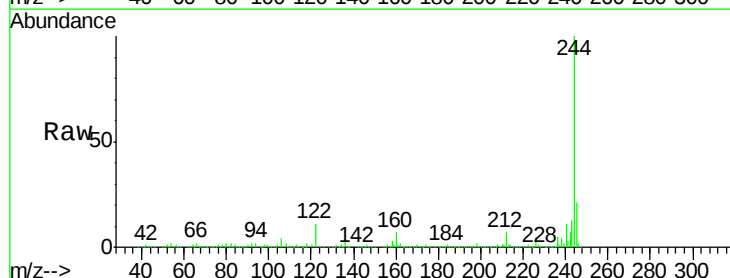
Instrument :
 BNA_F
 ClientSampleId :

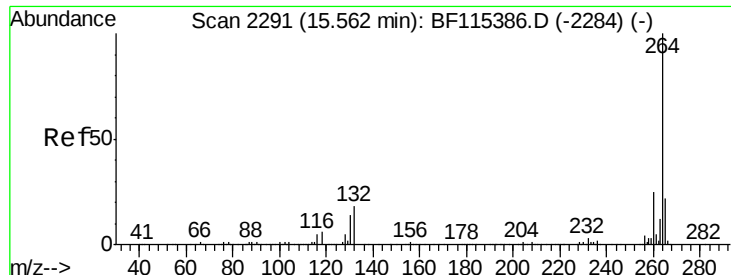
Tot Ion:240 Resp: 504521
 Ion Ratio Lower Upper
 240 100
 120 13.2 10.2 15.4
 236 27.4 21.1 31.7



#79
 Terphenyl-d14
 Concen: 92.025 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BF115496.D
 Acq: 11 Jul 2019 12:48

Tgt Ion:244 Resp: 2267572
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.6 9.1 13.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115496.D
Acq: 11 Jul 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	21.8	17.8	26.6

