

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115498.D
 Acq On : 11 Jul 2019 14:41
 Operator : HP/JU
 Sample : K3636-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:11:50 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

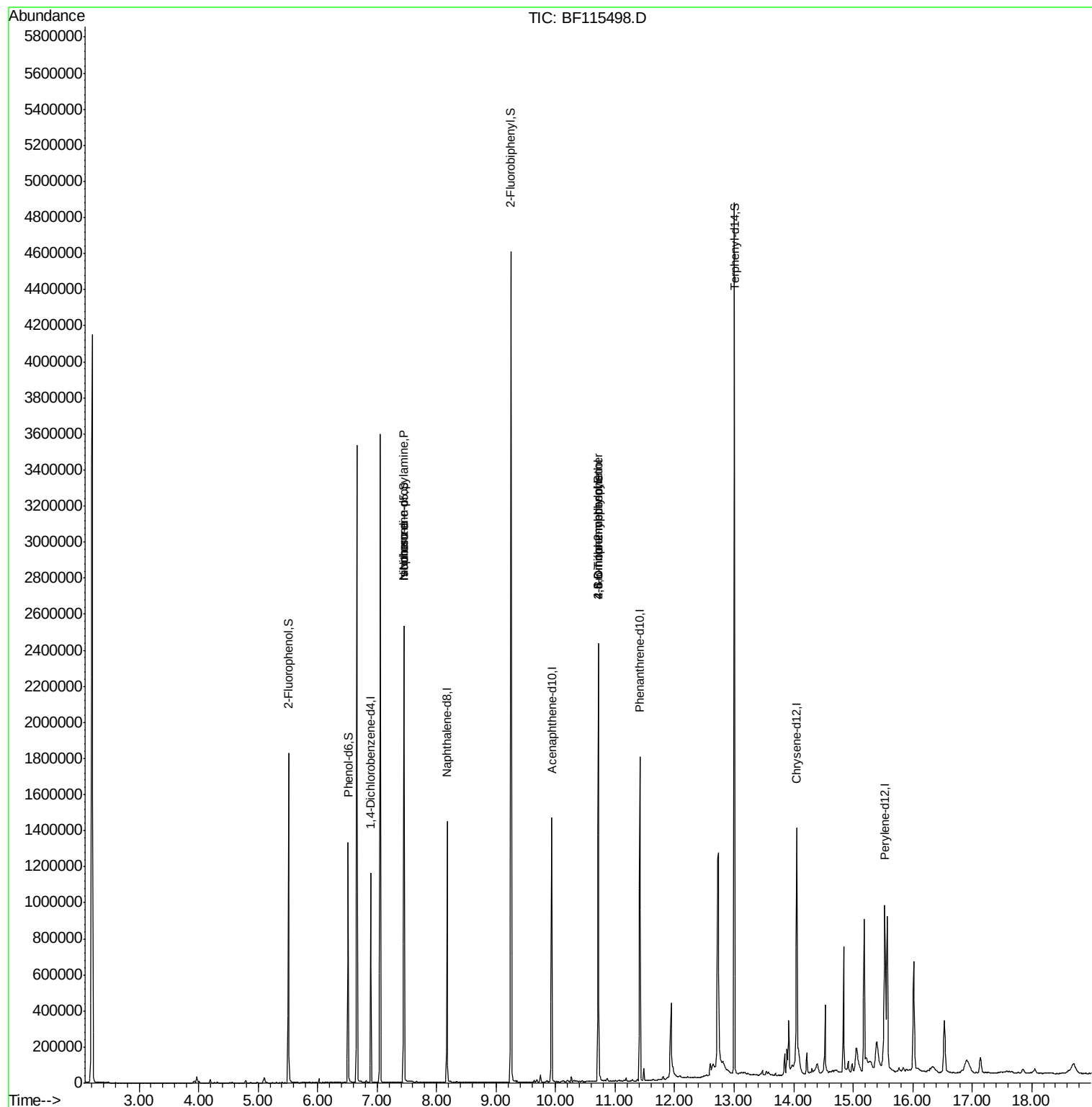
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	155013	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	602364	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	300900	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	609062	20.00	ng	0.00
76) Chrysene-d12	14.05	240	428543	20.00	ng	-0.02
87) Perylene-d12	15.53	264	364246	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	518032	51.63	ng	0.00
7) Phenol-d6	6.51	99	422628	33.12	ng	-0.01
23) Nitrobenzene-d5	7.45	82	916523	89.90	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	336897	101.26	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1618763	94.40	ng	0.00
79) Terphenyl-d14	13.00	244	1919608	91.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	21723	Below Cal	#	76
19) n-Nitroso-di-n-propylamine	7.45	70	121379	14.061 ng	#	78
25) Isophorone	7.45	82	906011	40.999 ng	#	64
65) 4,6-Dinitro-2-methylphenol	10.72	198	659	8.007 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	20246	2.962 ng	#	1

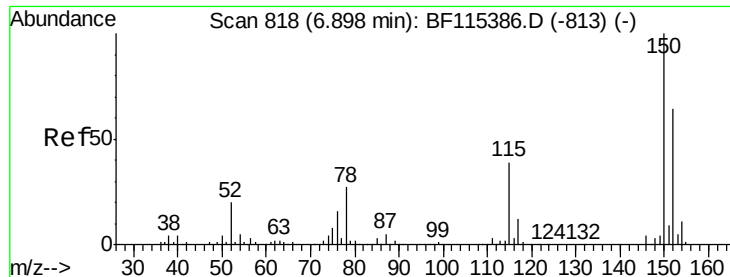
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Jul 12 03:11:50 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



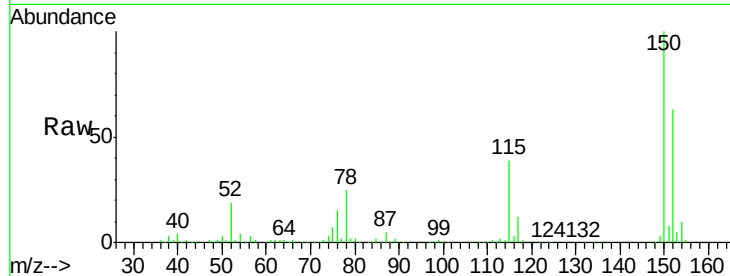


#1

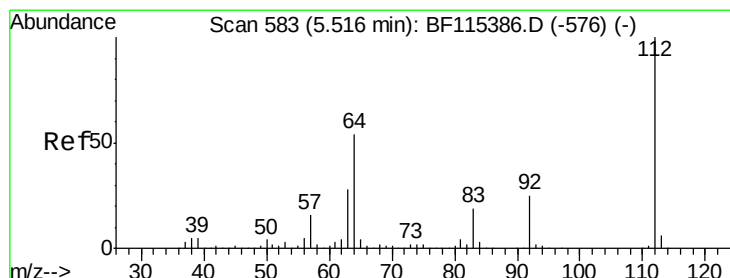
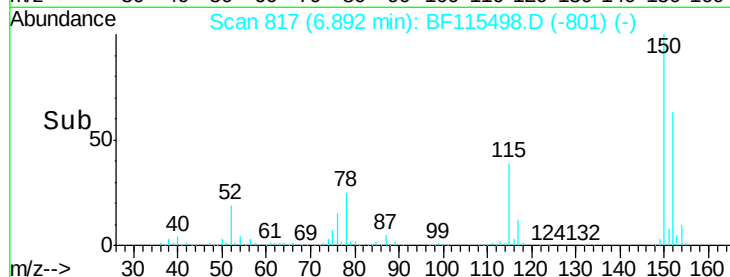
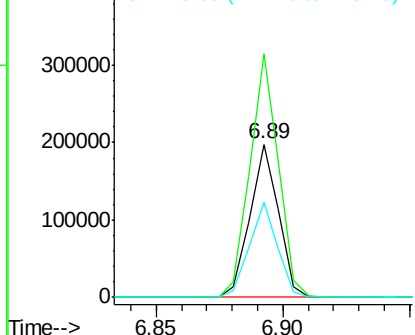
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115498.D
Acq: 11 Jul 2019 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155013
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.2
115 62.1 46.2 69.4



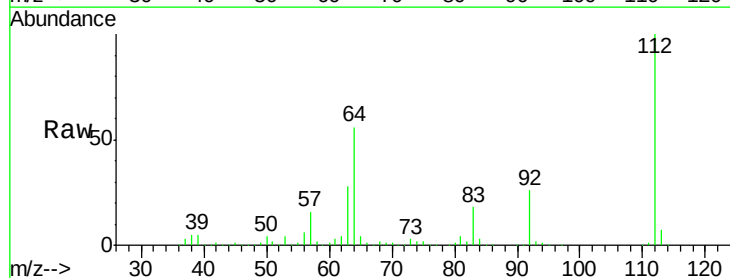
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



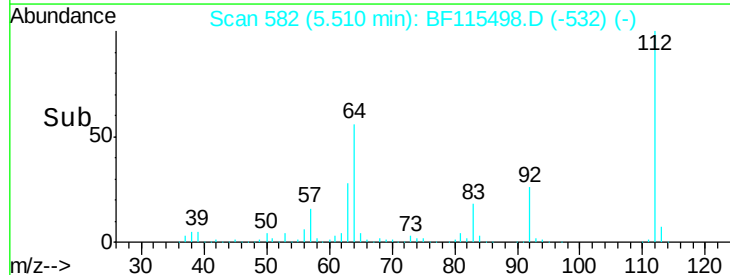
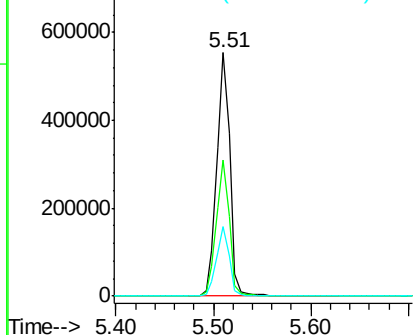
#5

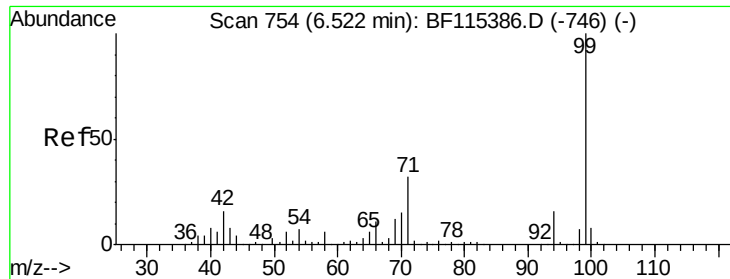
2-Fluorophenol
Concen: 51.633 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115498.D
Acq: 11 Jul 2019 14:41

Tgt Ion:112 Resp: 518032
Ion Ratio Lower Upper
112 100
64 55.7 44.2 66.2
63 28.3 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: 33.122 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115498.D

Acq: 11 Jul 2019 14:41

Instrument :

BNA_F

ClientSampleId :

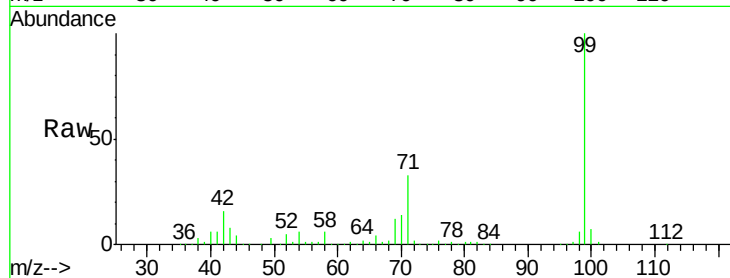
Tot Ion: 99 Resp: 422628

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

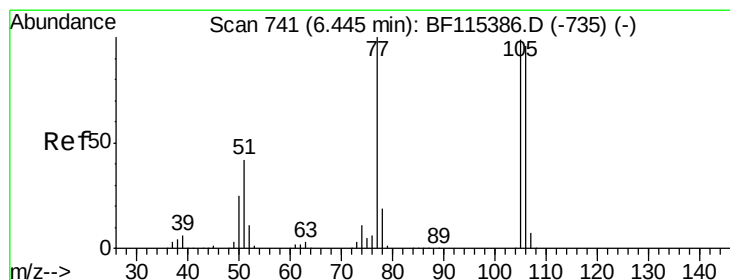
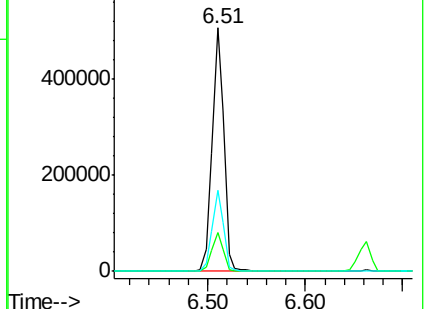
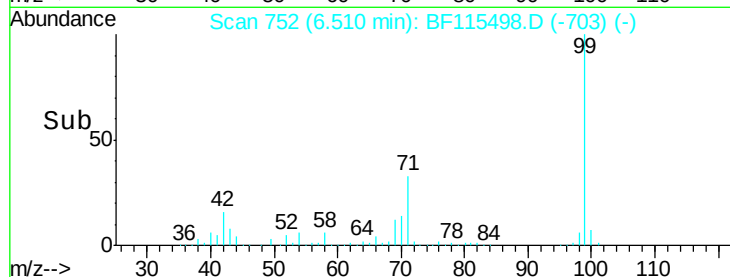
71 33.1 26.5 39.7



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: 6.66 min Scan# 778

Delta R.T. 0.22 min

Lab File: BF115498.D

Acq: 11 Jul 2019 14:41

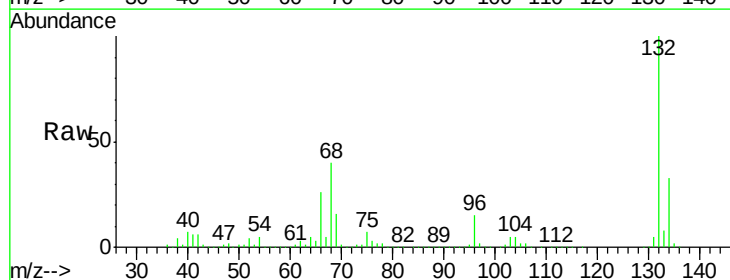
Tgt Ion: 77 Resp: 21723

Ion Ratio Lower Upper

77 100

105 79.0 82.9 122.9#

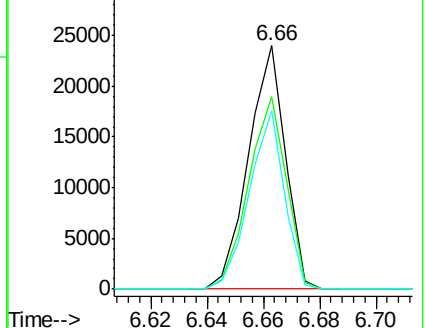
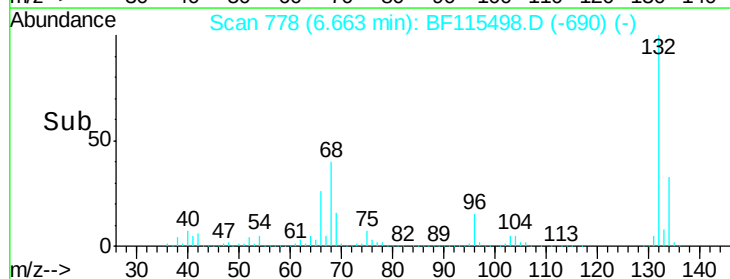
106 73.2 77.8 117.8#

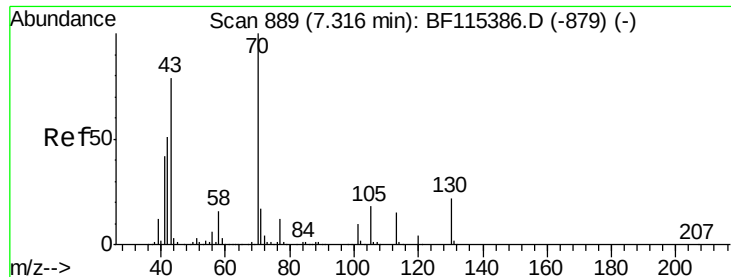


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

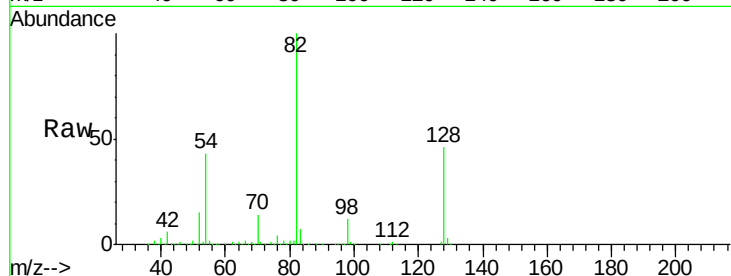




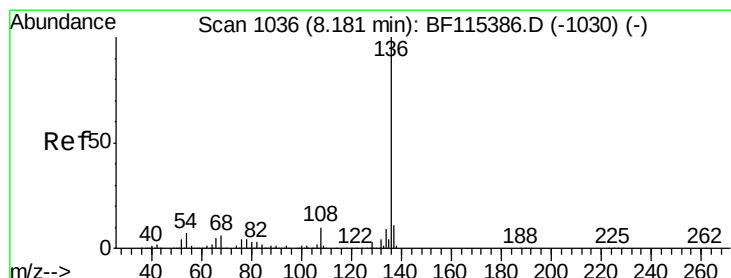
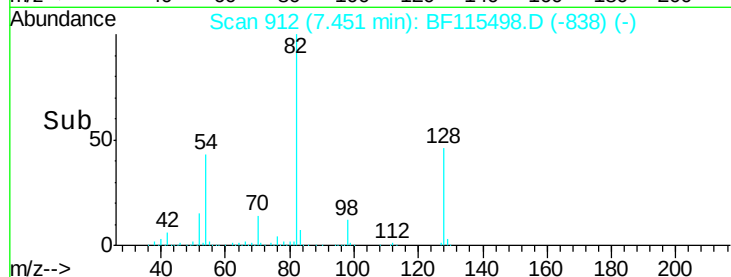
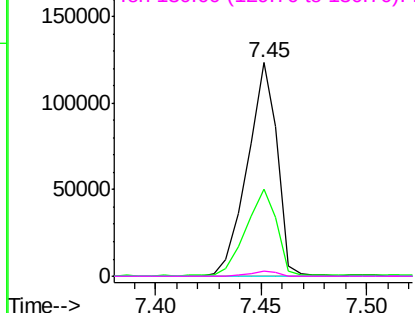
#19
n-Nitroso-di-n-propylamine
Concen: 14.061 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF115498.D
Acq: 11 Jul 2019 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 121379
Ion Ratio Lower Upper
70 100
42 41.0 38.5 57.7
101 0.0 8.0 12.0#
130 2.4 19.1 28.7#

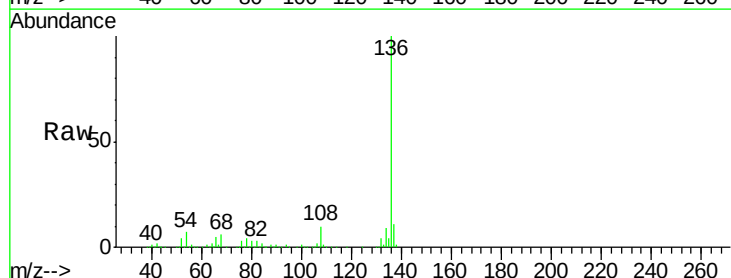


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

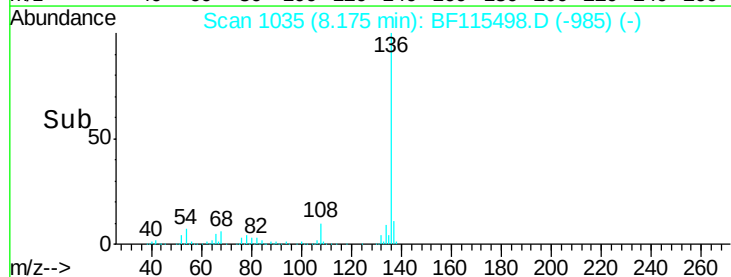
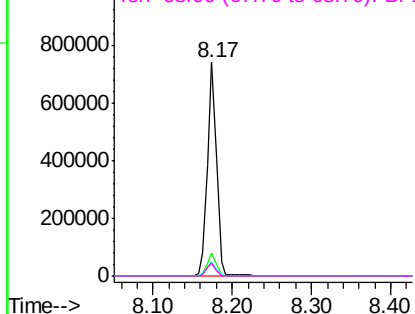


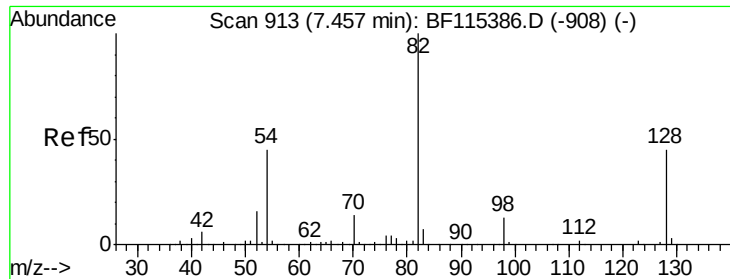
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115498.D
Acq: 11 Jul 2019 14:41

Tgt Ion: 136 Resp: 602364
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.8 5.4 8.0
68 6.0 4.8 7.2



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

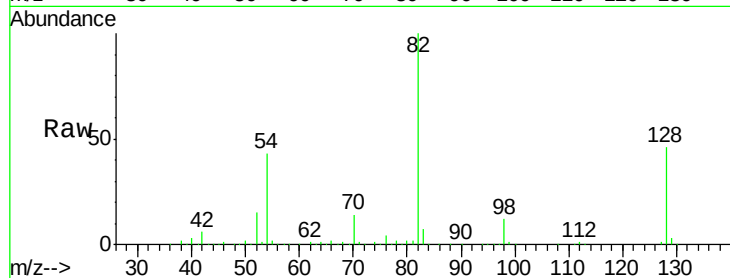




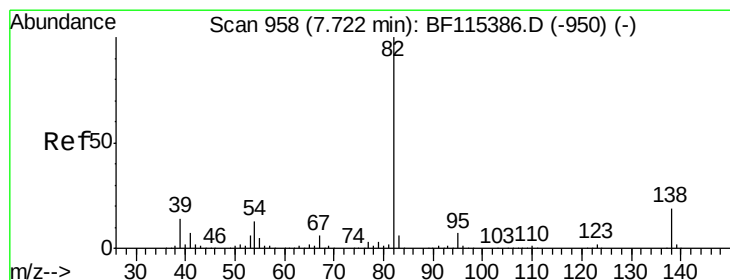
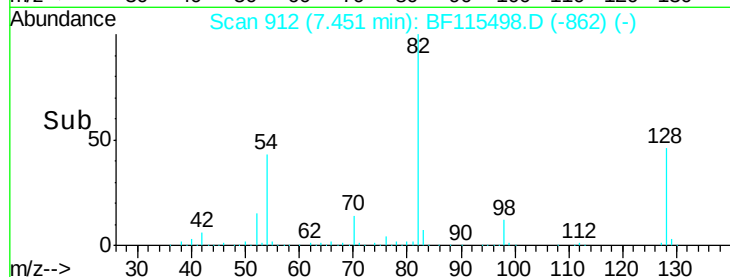
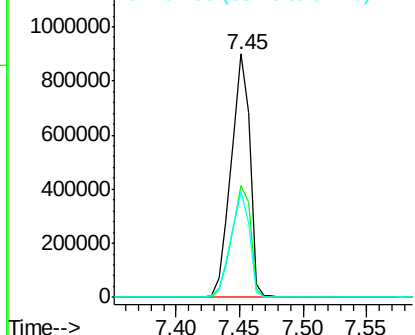
#23
Nitrobenzene-d5
Concen: 89.898 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115498.D
Acq: 11 Jul 2019 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 916523
Ion Ratio Lower Upper
82 100
128 46.1 36.7 55.1
54 43.5 35.6 53.4

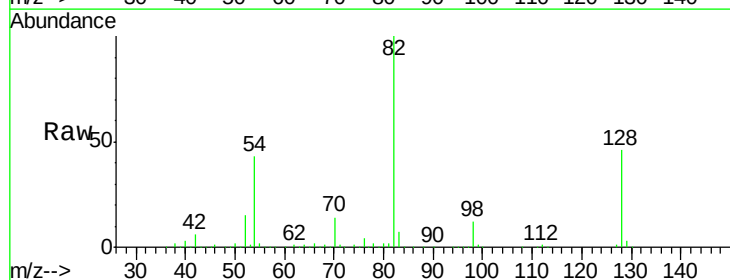


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

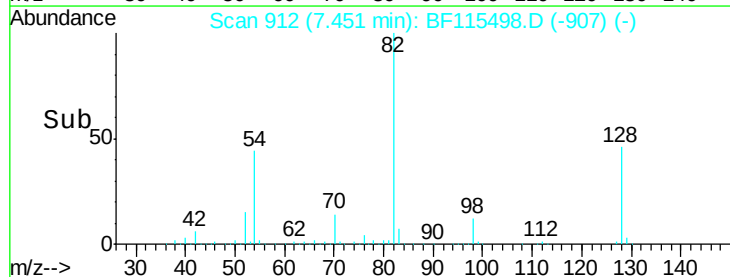
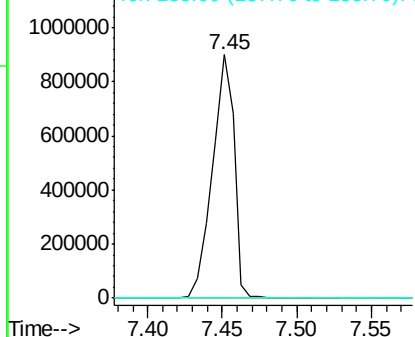


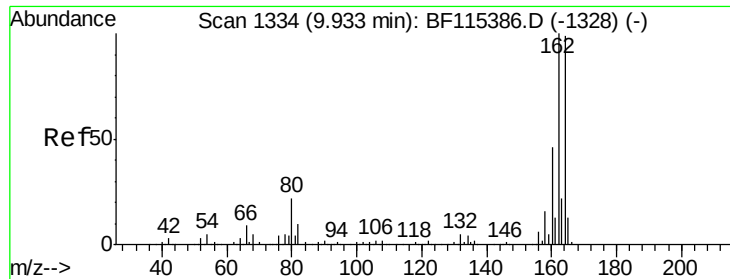
#25
Isophorone
Concen: 40.999 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.27 min
Lab File: BF115498.D
Acq: 11 Jul 2019 14:41

Tgt Ion: 82 Resp: 906011
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: BF115498.D

Acq: 11 Jul 2019 14:41

Instrument :

BNA_F

ClientSampleId :

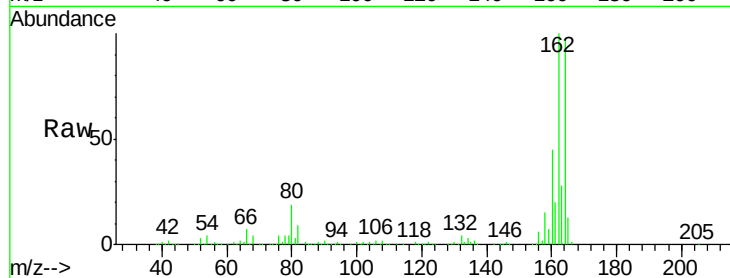
Tot Ion:164 Resp: 300900

Ion Ratio Lower Upper

164 100

162 103.3 82.3 123.5

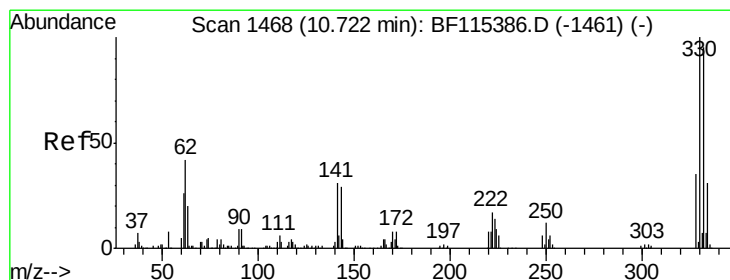
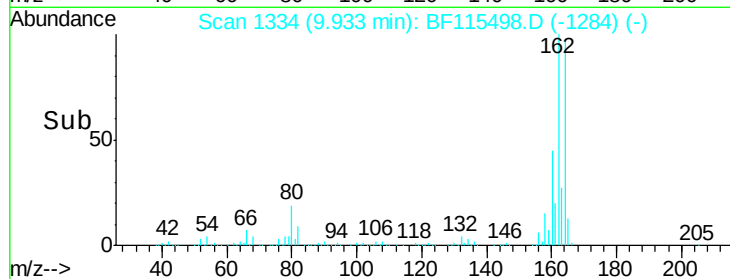
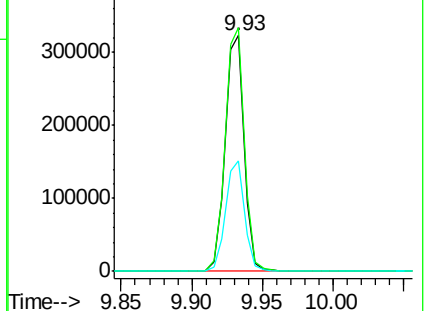
160 46.6 37.2 55.8



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: 101.263 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF115498.D

Acq: 11 Jul 2019 14:41

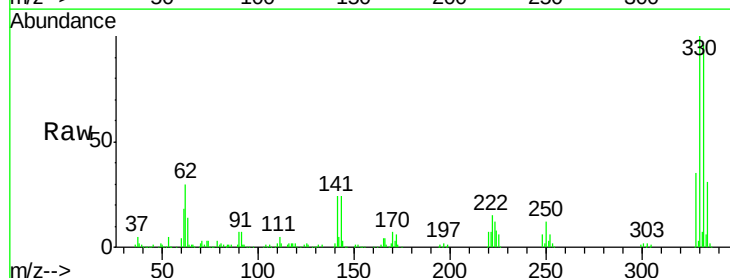
Tgt Ion:330 Resp: 336897

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

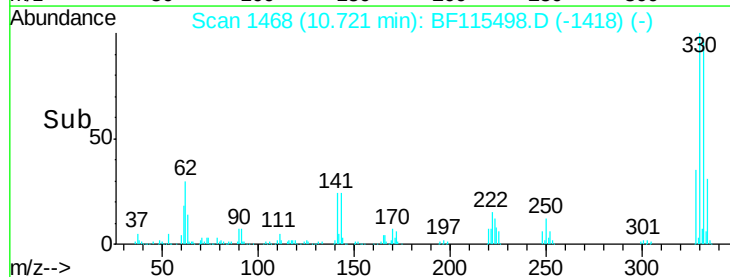
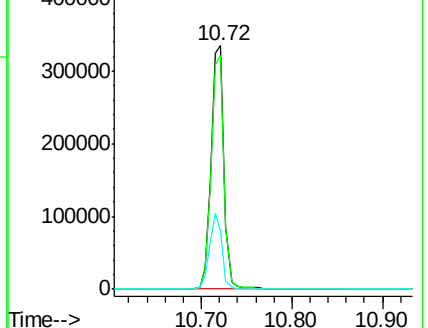
141 30.1 24.7 37.1

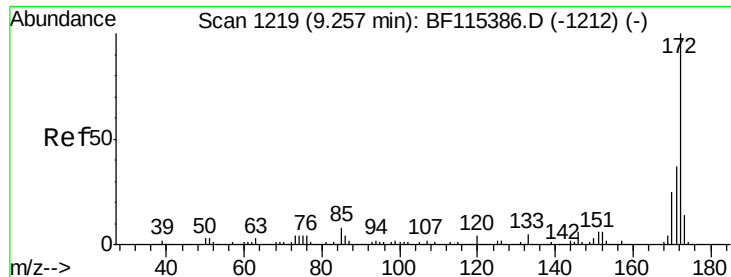


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



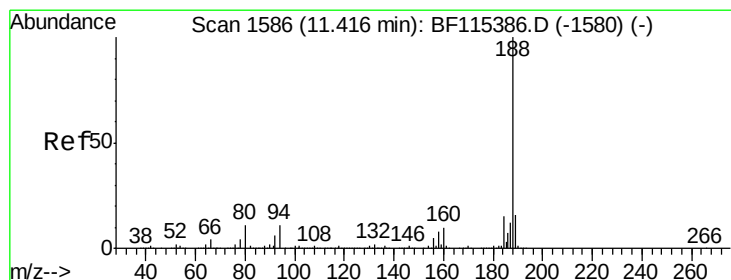
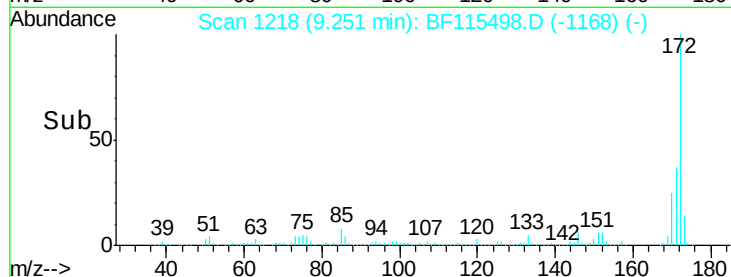
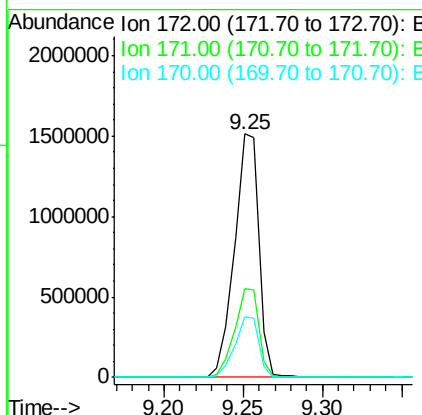
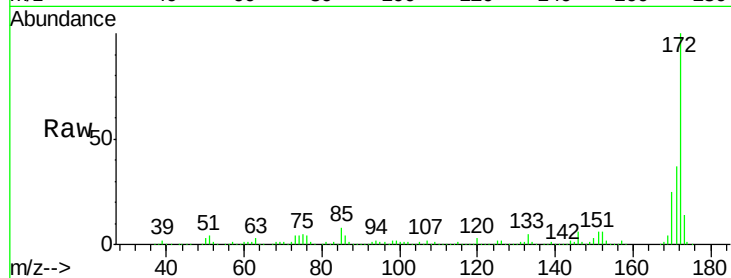


#45
 2-Fluorobiphenyl
 Concen: 94.401 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115498.D
 Acq: 11 Jul 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1618763

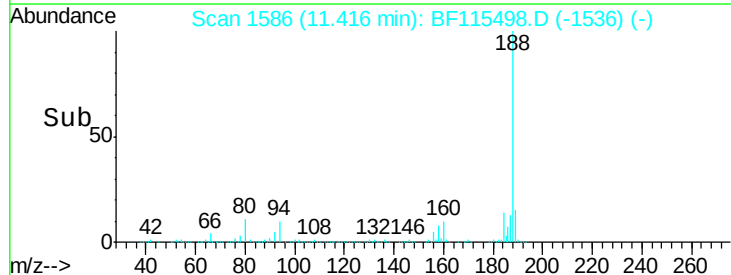
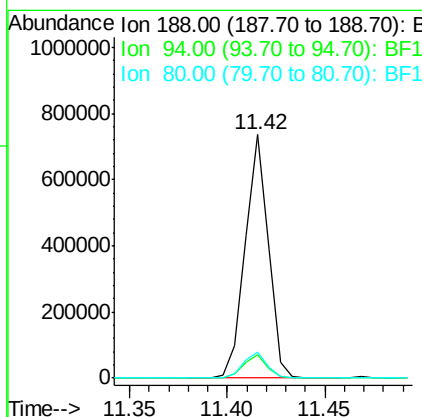
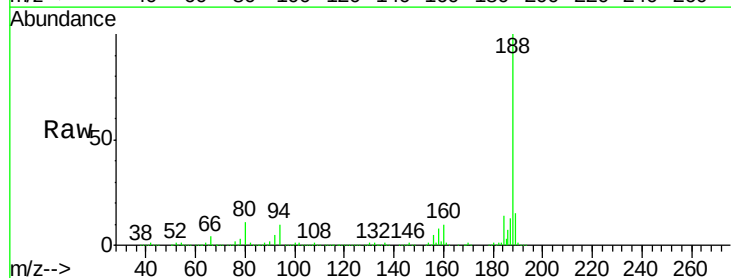
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.8
170	24.7	20.0	30.0

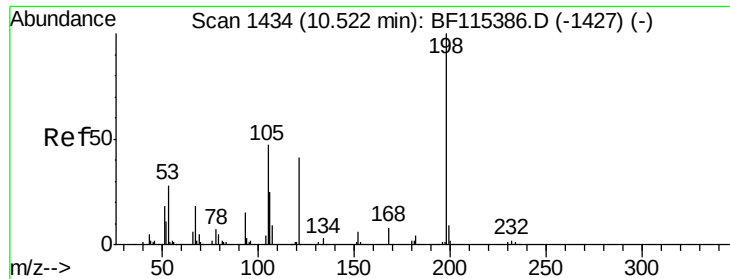


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF115498.D
 Acq: 11 Jul 2019 14:41

Tgt Ion:188 Resp: 609062

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.8
80	10.5	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 8.007 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.19 min

Lab File: BF115498.D

Acq: 11 Jul 2019 14:41

Instrument :

BNA_F

ClientSampled :

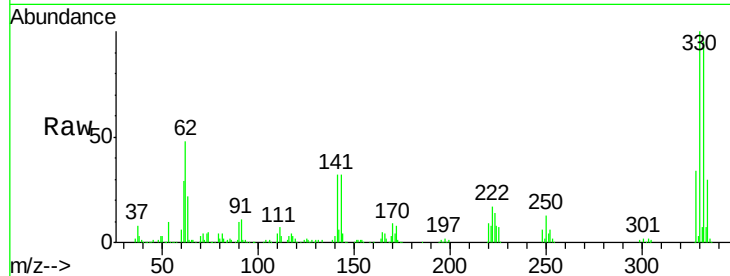
Tot Ion:198 Resp: 659

Ion Ratio Lower Upper

198 100

51 160.4 20.7 60.7#

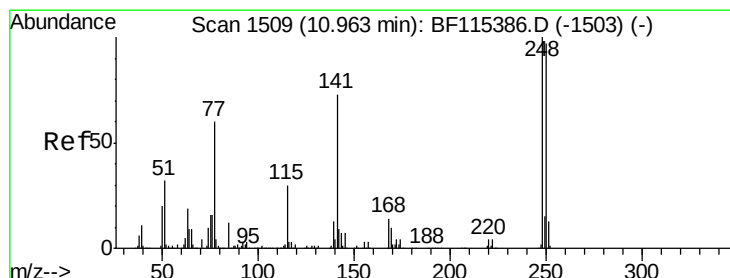
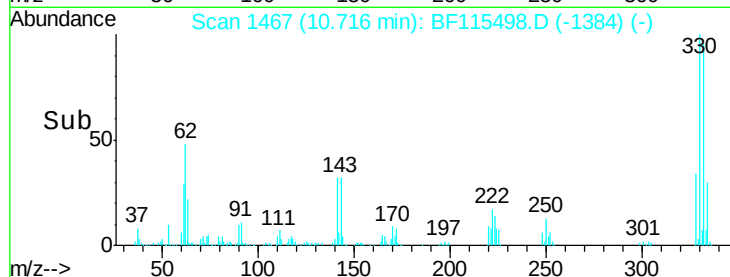
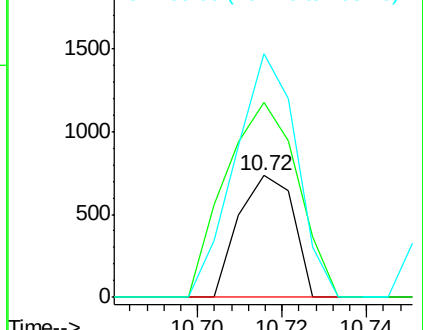
105 200.4 25.3 65.3#



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: 2.962 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.25 min

Lab File: BF115498.D

Acq: 11 Jul 2019 14:41

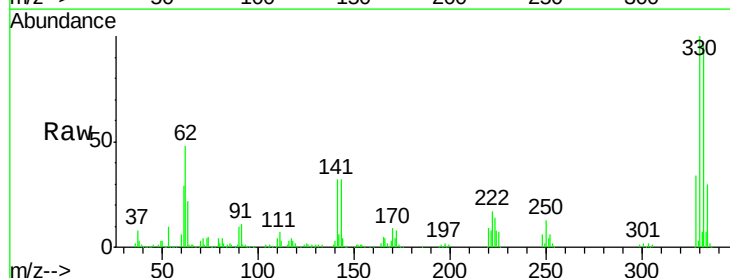
Tgt Ion:248 Resp: 20246

Ion Ratio Lower Upper

248 100

250 207.7 78.3 117.5#

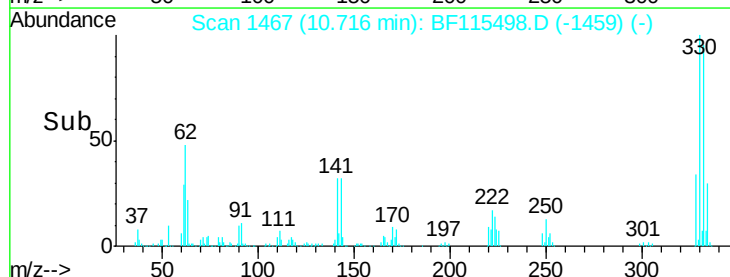
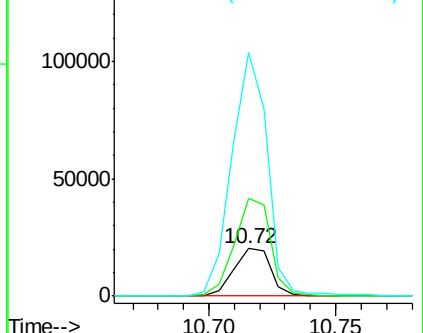
141 516.3 52.2 78.2#

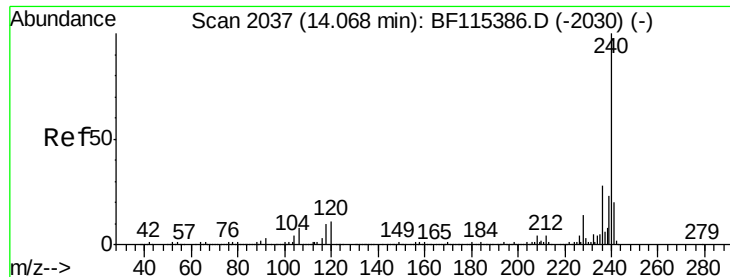


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF115498.D

Acq: 11 Jul 2019 14:41

Instrument :

BNA_F

ClientSampleId :

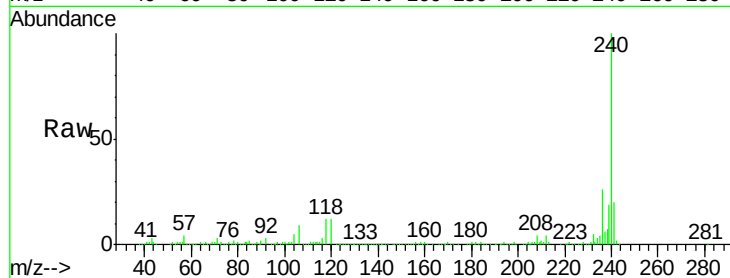
Tot Ion:240 Resp: 428543

Ion Ratio Lower Upper

240 100

120 12.5 10.2 15.4

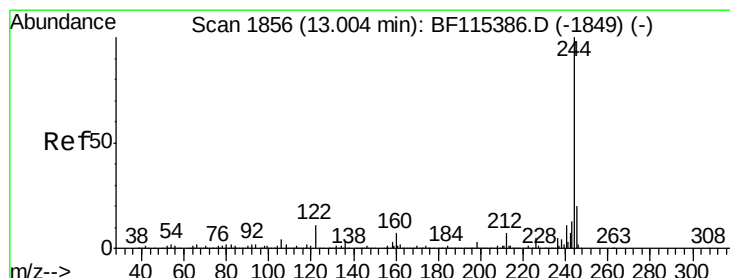
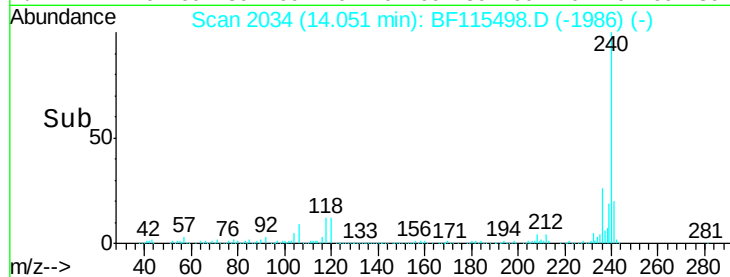
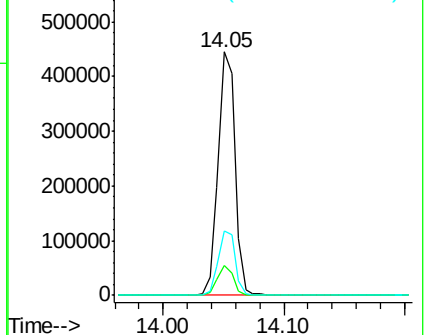
236 26.4 21.1 31.7



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: 91.716 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115498.D

Acq: 11 Jul 2019 14:41

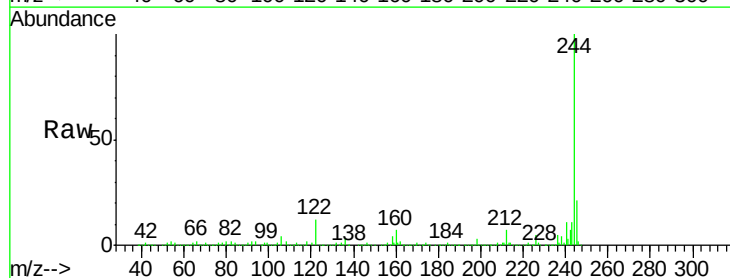
Tgt Ion:244 Resp: 1919608

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

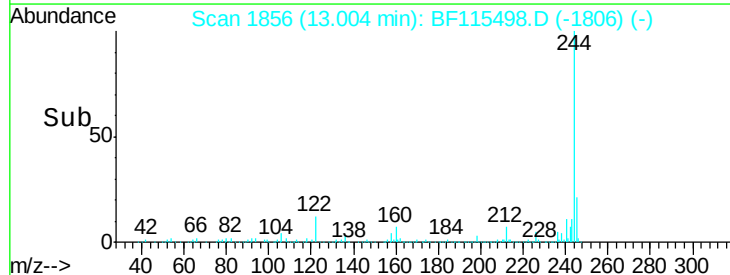
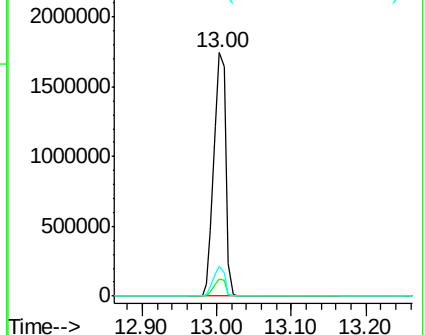
122 12.0 9.1 13.7

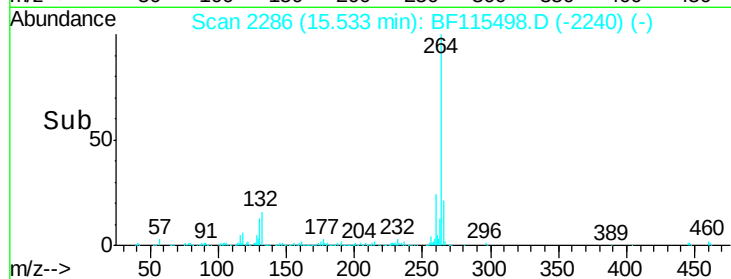
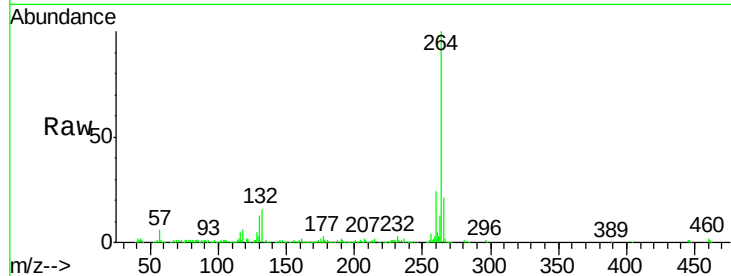
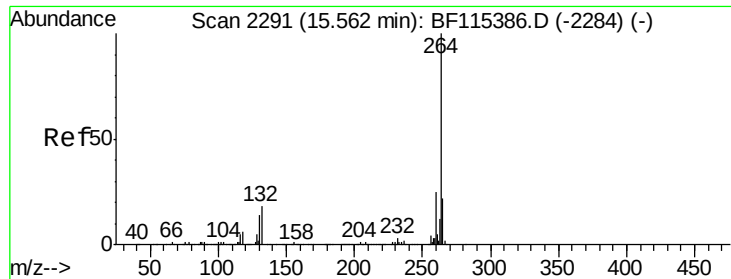


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115498.D
Acq: 11 Jul 2019 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	364246
Ion Ratio	Lower	Upper	
264	100		
260	24.1	20.1	30.1
265	20.9	17.8	26.6

