

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115703.D
 Acq On : 22 Jul 2019 12:25
 Operator : HP/JU
 Sample : PB121540TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:14:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

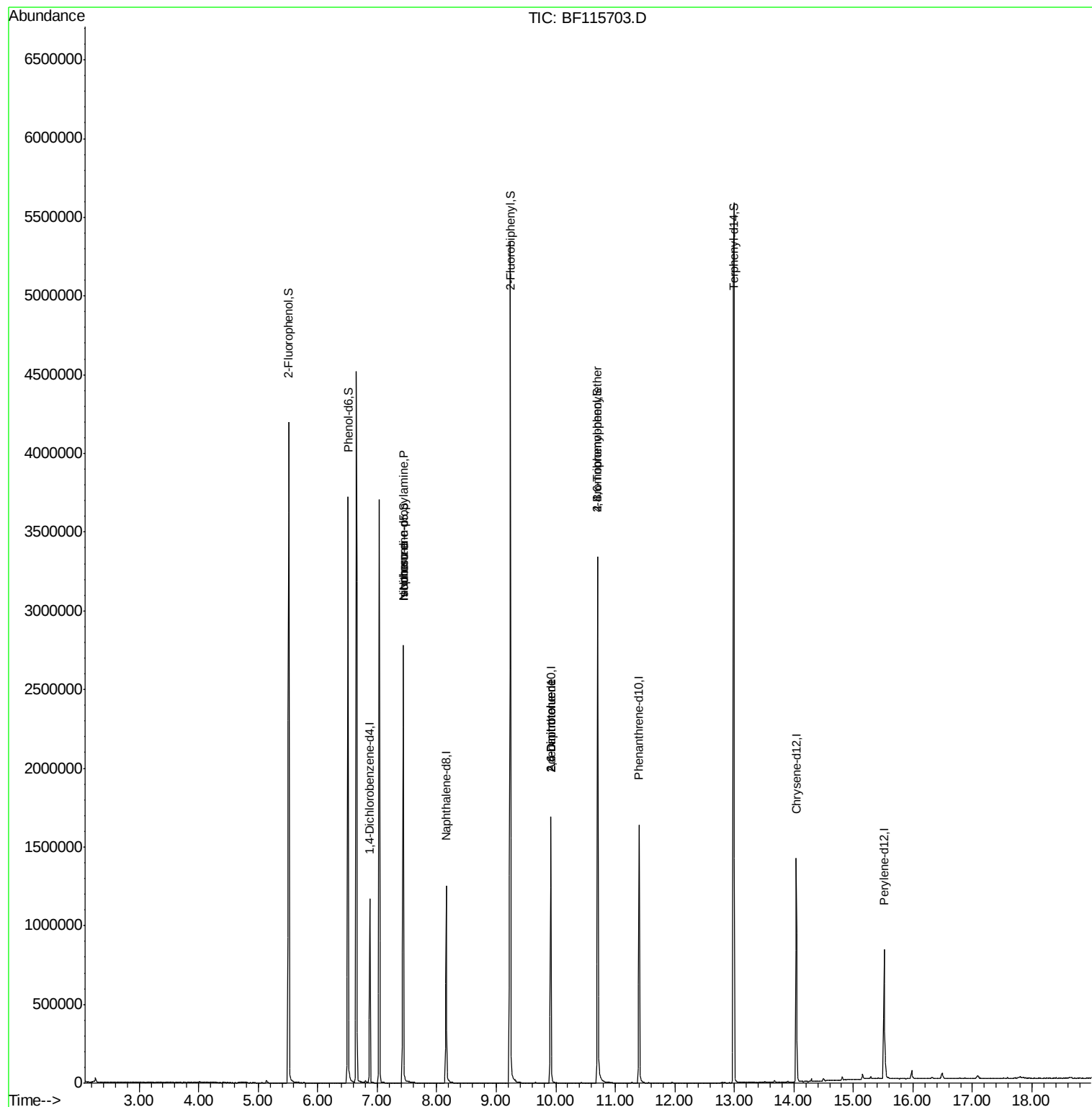
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179316	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	684306	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	376025	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	673430	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	482061	20.00	ng	-0.01
87) Perylene-d12	15.52	264	440387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1320539	120.46	ng	0.01
7) Phenol-d6	6.51	99	1740703	125.14	ng	0.00
23) Nitrobenzene-d5	7.44	82	1126949	95.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	510533	116.32	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2014057	93.75	ng	-0.01
79) Terphenyl-d14	12.99	244	2235865	85.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	151959	16.750	ng	# 78
25) Isophorone	7.44	82	1107946	47.048	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	48060	7.475	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	48060	5.770	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	30595	3.976	ng	# 1

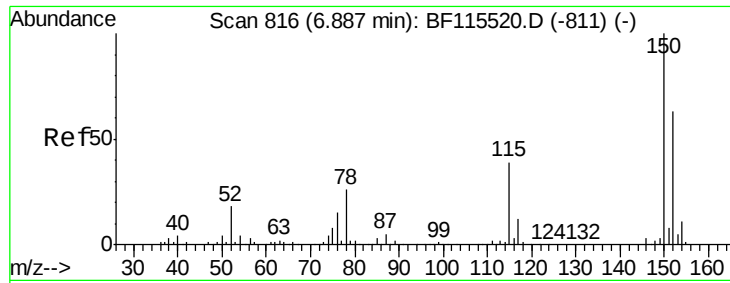
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 23 01:14:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



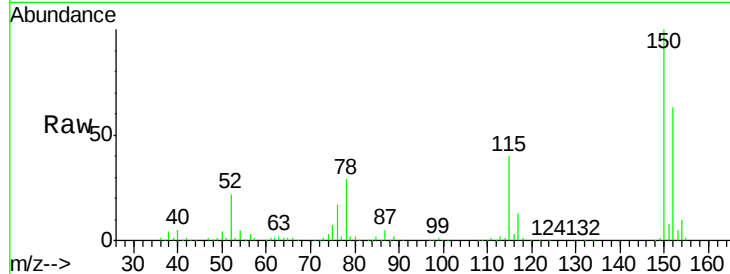


#1

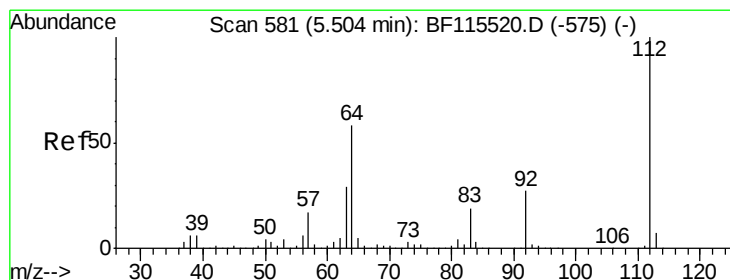
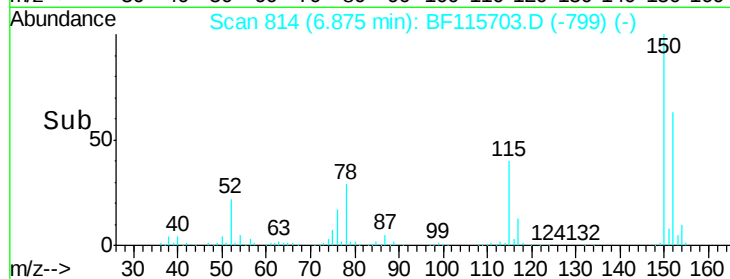
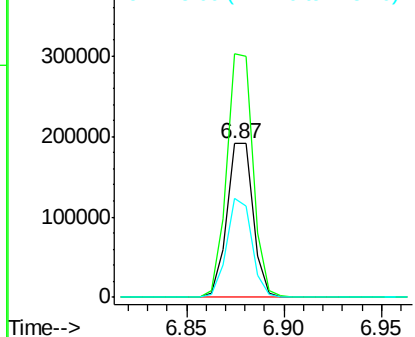
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115703.D
Acq: 22 Jul 2019 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179316
Ion Ratio Lower Upper
152 100
150 158.4 129.7 194.5
115 64.1 48.2 72.4



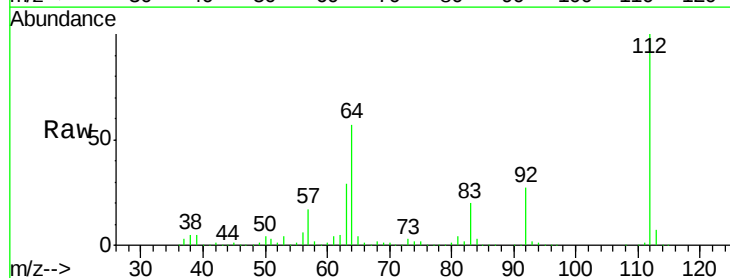
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



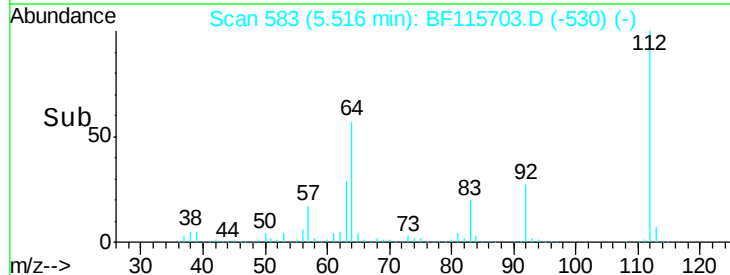
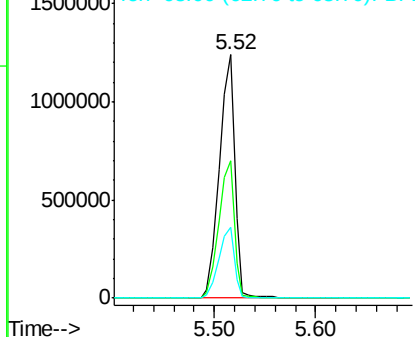
#5

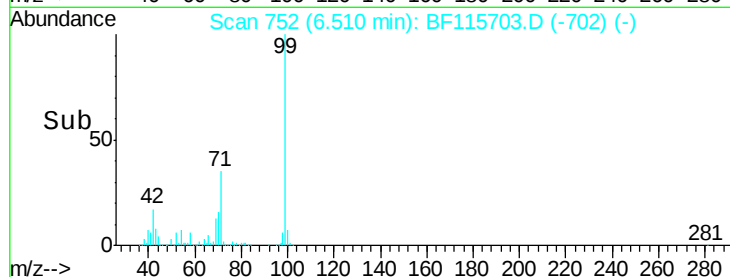
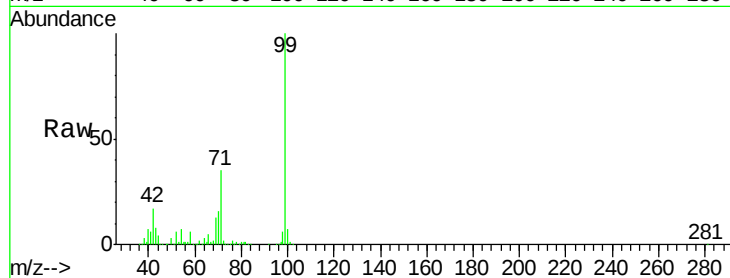
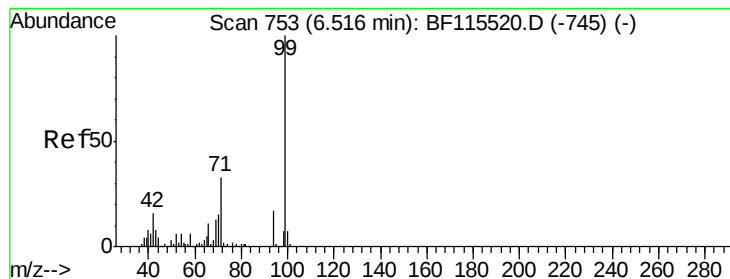
2-Fluorophenol
Concen: 120.459 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115703.D
Acq: 22 Jul 2019 12:25

Tgt Ion:112 Resp: 1320539
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 29.3 24.1 36.1



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: 125.138 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

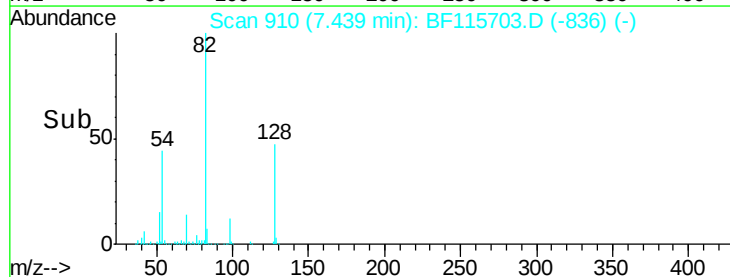
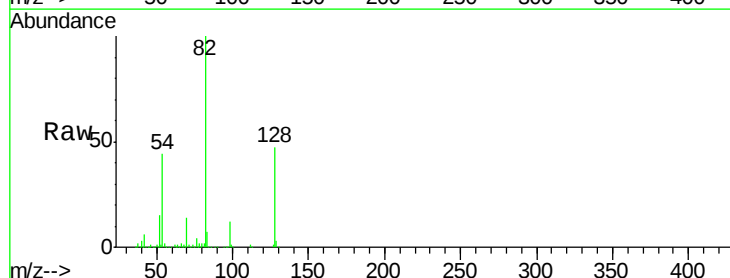
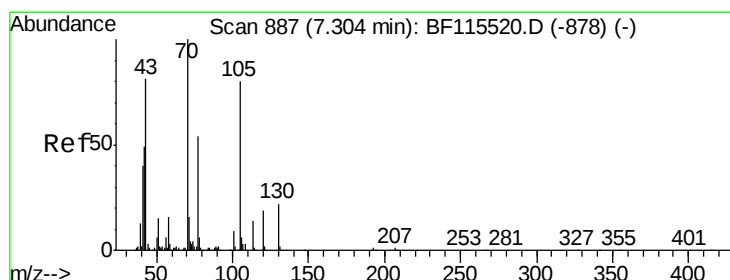
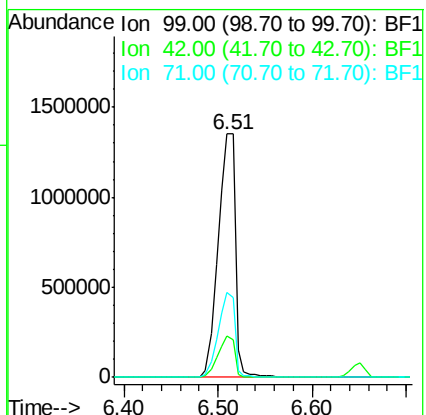
Tot Ion: 99 Resp: 1740703

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

71 34.8 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.750 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

Tgt Ion: 70 Resp: 151959

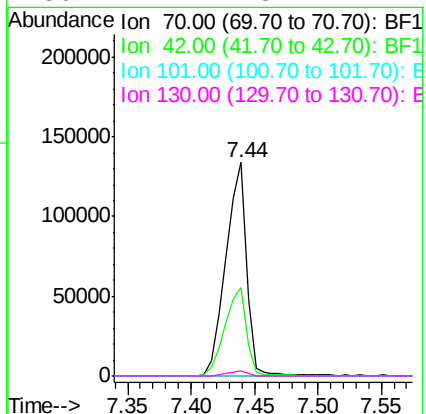
Ion Ratio Lower Upper

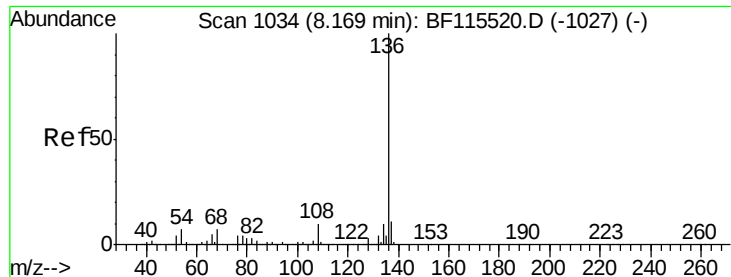
70 100

42 41.5 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

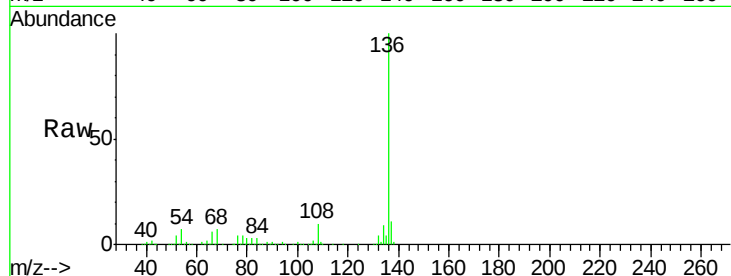




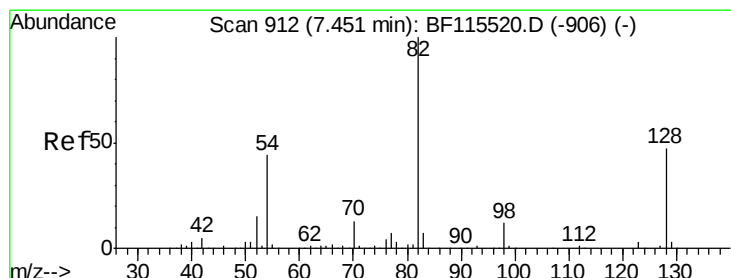
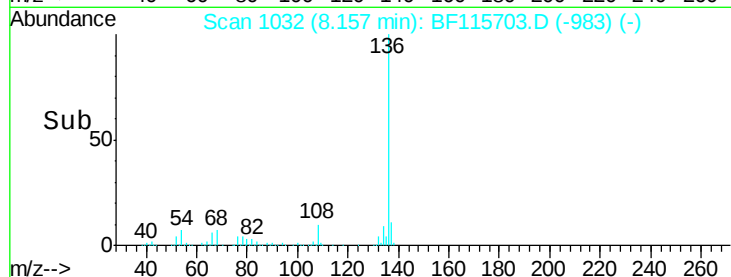
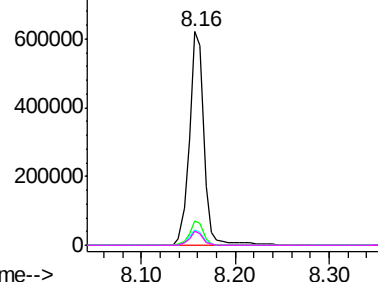
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115703.D
Acq: 22 Jul 2019 12:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	684306	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.0	13.4	
54 7.2	5.6	8.4	
68 6.5	5.0	7.6	

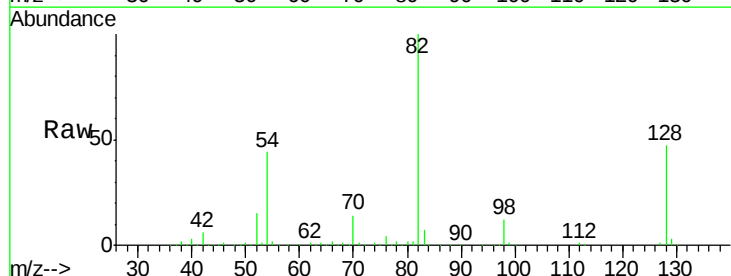


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

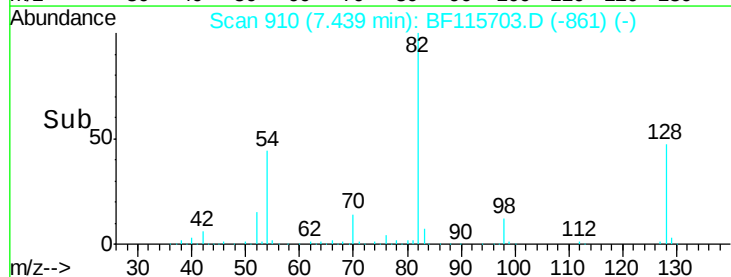
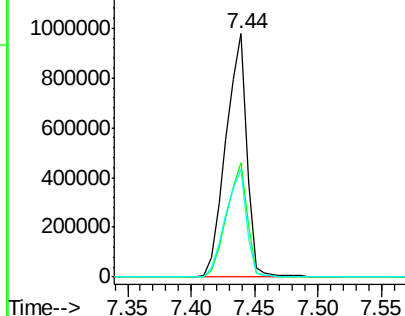


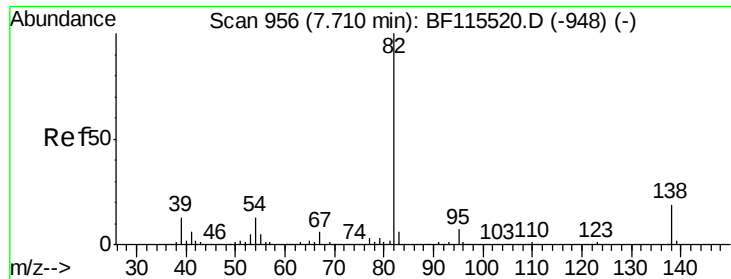
#23
Nitrobenzene-d5
Concen: 95.759 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115703.D
Acq: 22 Jul 2019 12:25

Tgt Ion: 82	Resp: 1126949
Ion Ratio	Lower Upper
82 100	
128 47.0	38.6 57.8
54 44.5	35.6 53.4



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: 47.048 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

Instrument :

BNA_F

ClientSampleId :

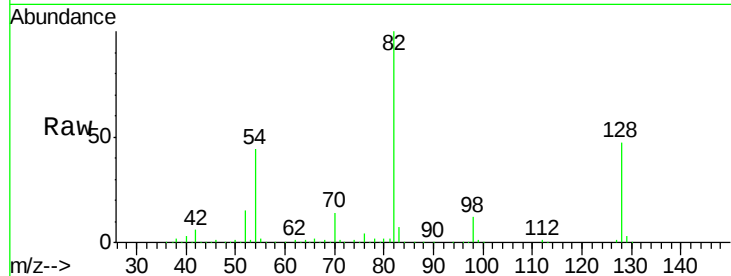
Tot Ion: 82 Resp: 1107946

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

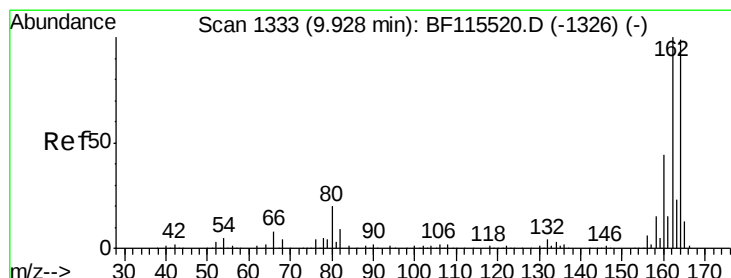
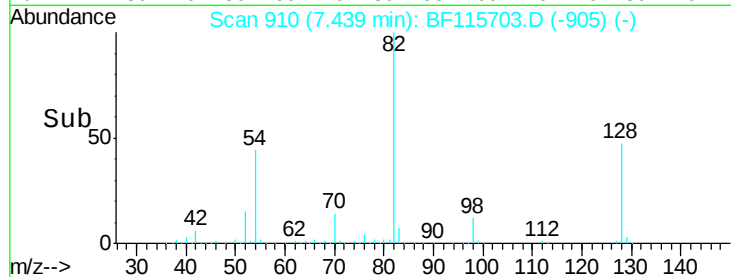
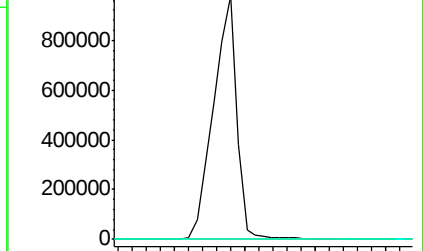
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF115520.D (-948) (-)

Ion 95.00 (94.70 to 95.70): BF115520.D (-948) (-)

Ion 138.00 (137.70 to 138.70): BF115520.D (-948) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

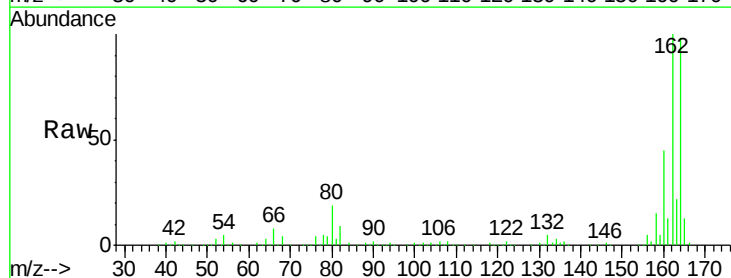
Tgt Ion: 164 Resp: 376025

Ion Ratio Lower Upper

164 100

162 102.2 82.9 124.3

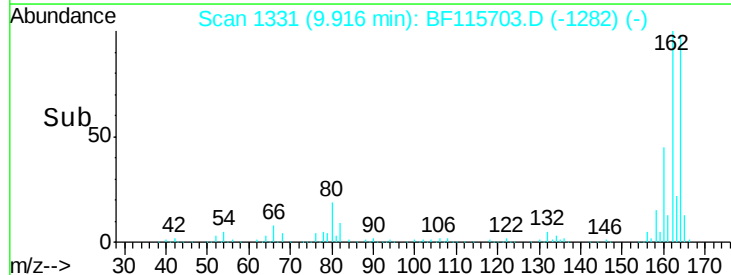
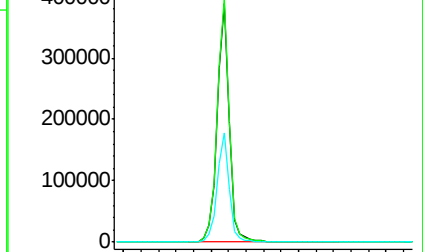
160 45.8 36.8 55.2

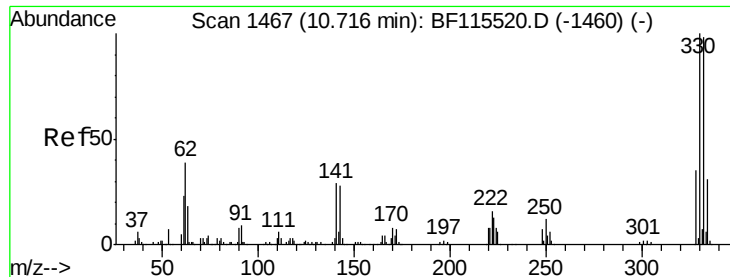


Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

Ion 162.00 (161.70 to 162.70): BF115520.D (-1326) (-)

Ion 160.00 (159.70 to 160.70): BF115520.D (-1326) (-)

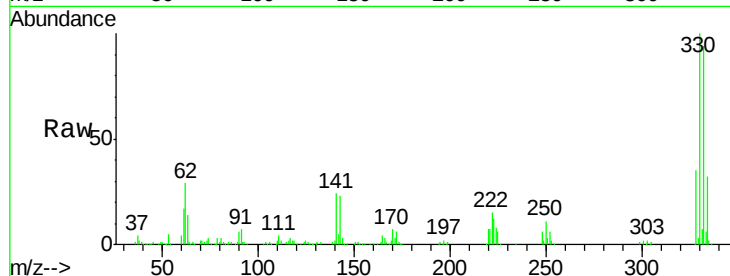




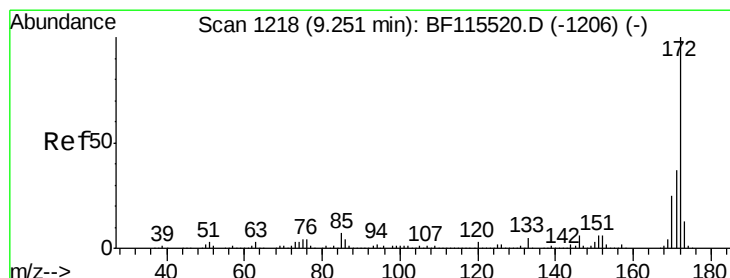
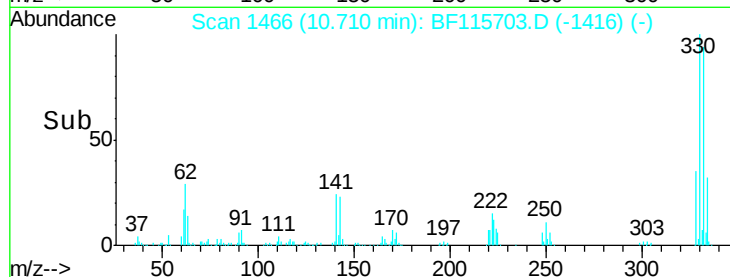
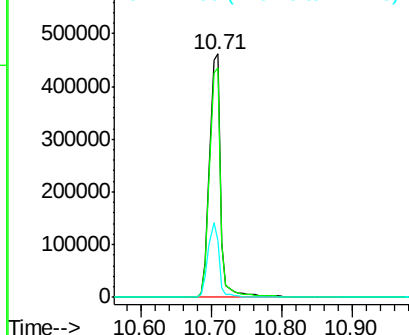
#42
 2,4,6-Tribromophenol
 Concen: 116.318 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115703.D
 Acq: 22 Jul 2019 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.4	116.2
141	31.2	22.4	33.6

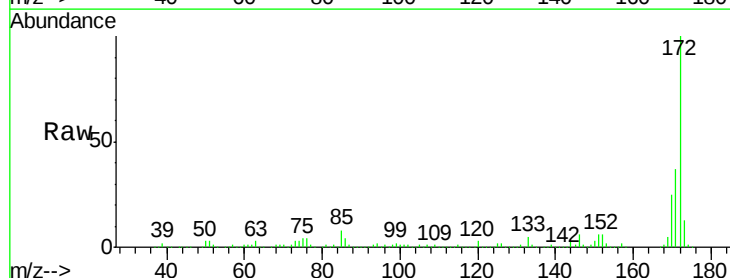


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

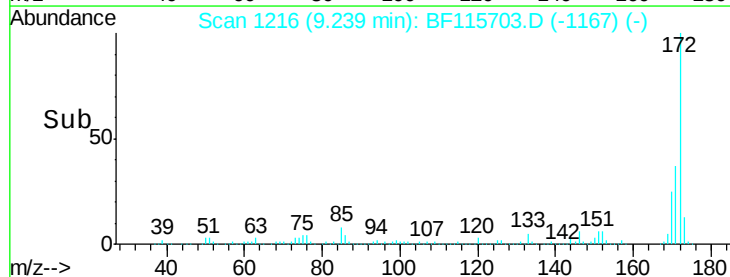
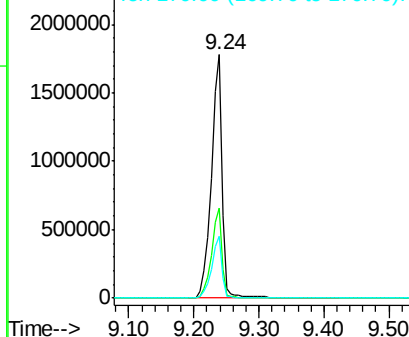


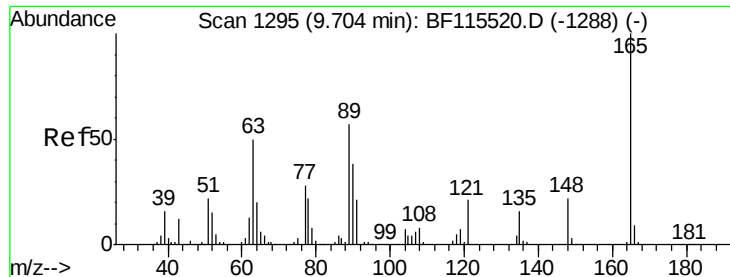
#45
 2-Fluorobiphenyl
 Concen: 93.748 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115703.D
 Acq: 22 Jul 2019 12:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.3	20.5	30.7



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

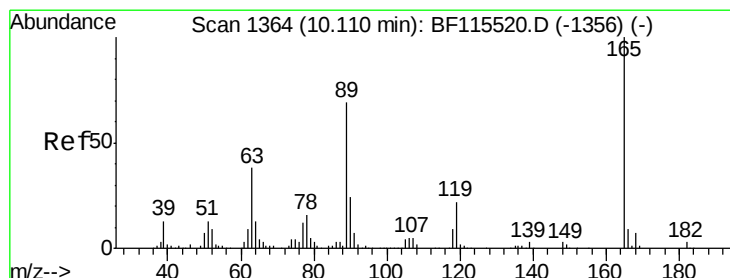
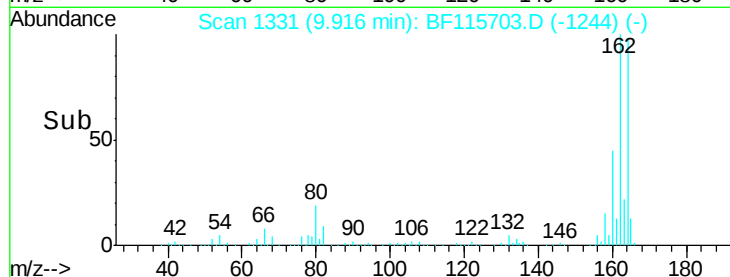
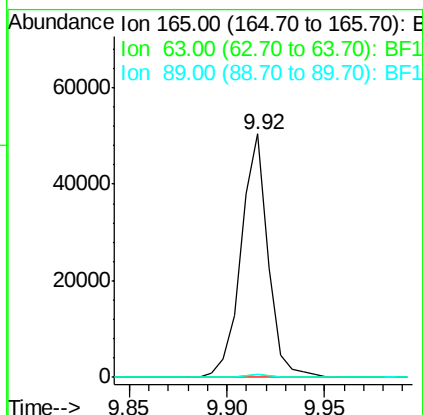
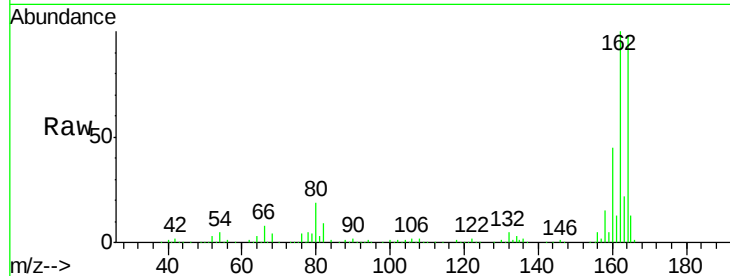




#51
 2,6-Dinitrotoluene
 Concen: 7.475 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115703.D
 Acq: 22 Jul 2019 12:25

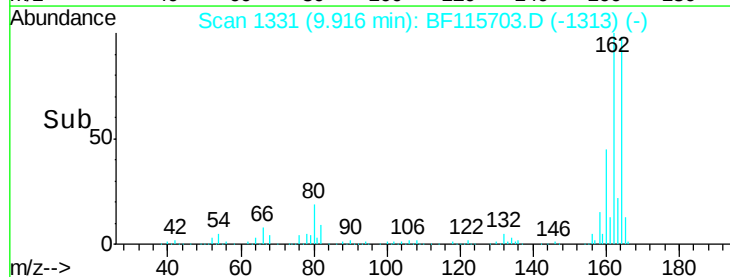
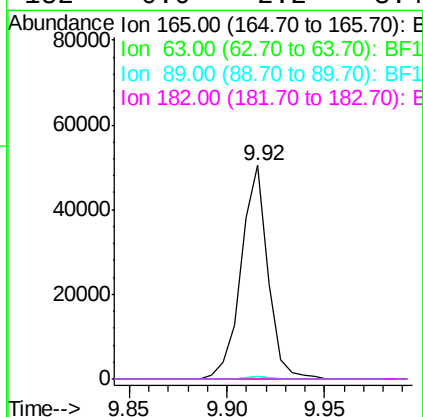
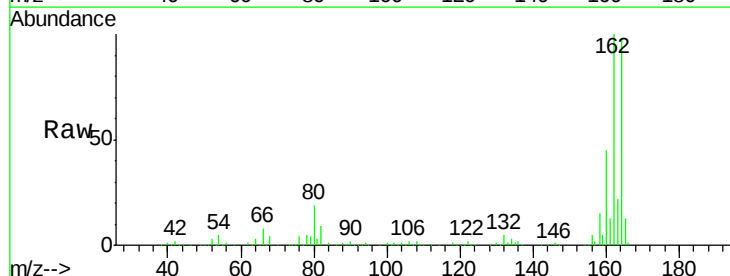
Instrument :
 BNA_F
 ClientSampleId :

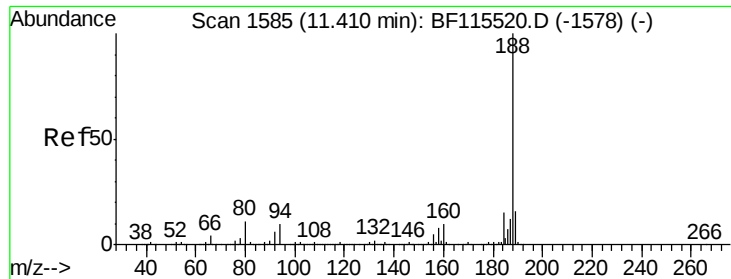
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.6	61.0#
89	1.3	43.9	65.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.770 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115703.D
 Acq: 22 Jul 2019 12:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.9	52.3#
89	1.3	57.5	86.3#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

Instrument :

BNA_F

ClientSampleId :

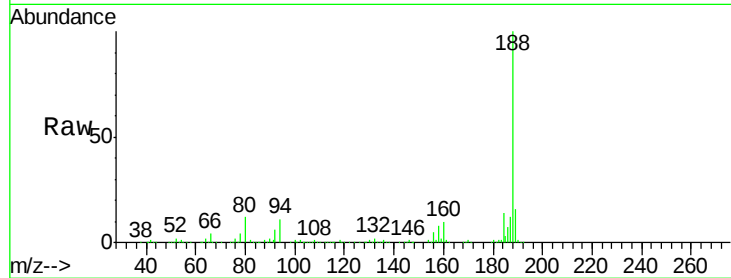
Tot Ion:188 Resp: 673430

Ion Ratio Lower Upper

188 100

94 10.5 7.8 11.6

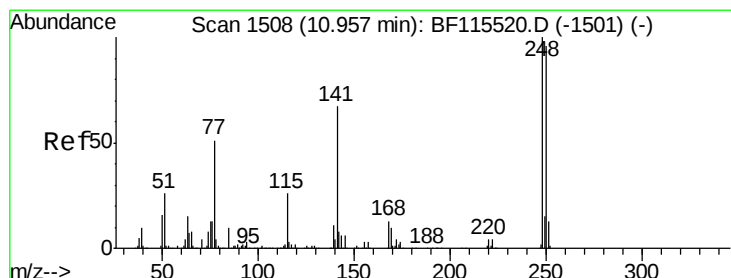
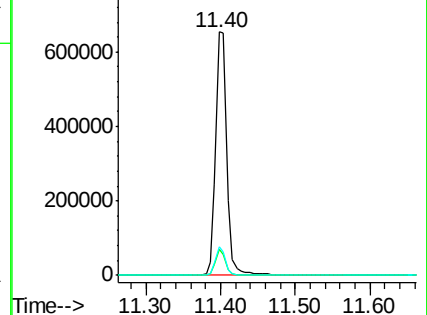
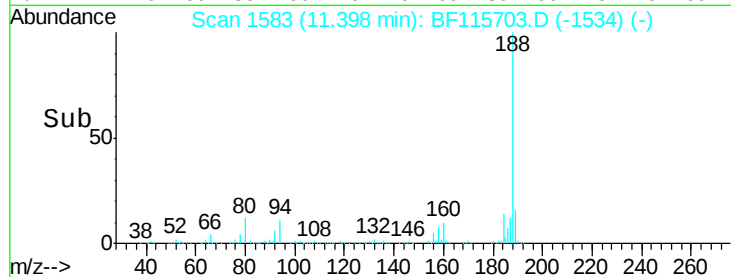
80 11.6 8.6 13.0



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



#67

4-Bromophenyl-phenylether

Concen: 3.976 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

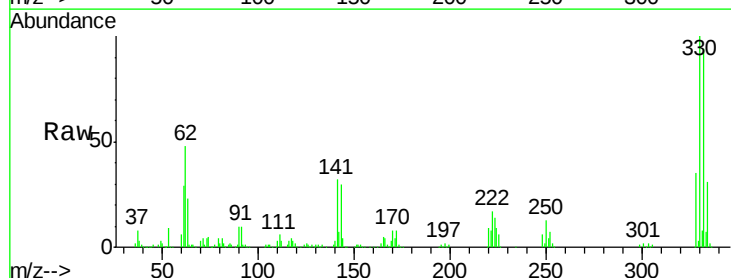
Tgt Ion:248 Resp: 30595

Ion Ratio Lower Upper

248 100

250 201.7 78.0 117.0#

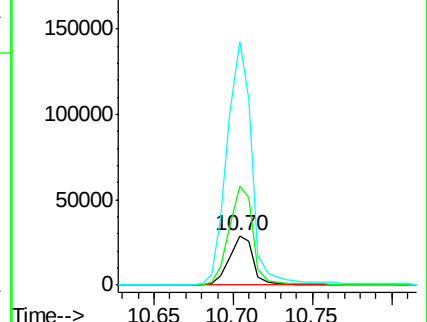
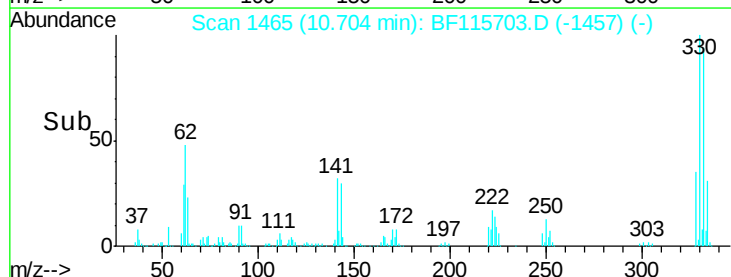
141 494.2 57.7 86.5#

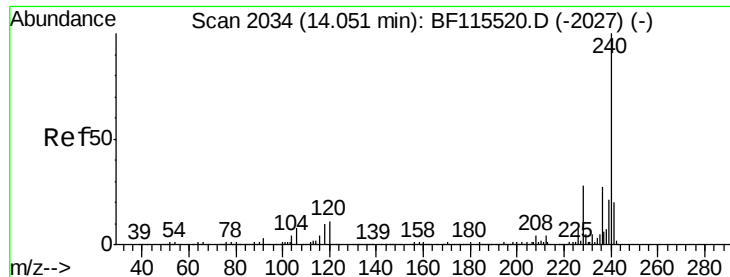


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2032

Delta R.T. -0.01 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

Instrument :

BNA_F

ClientSampleId :

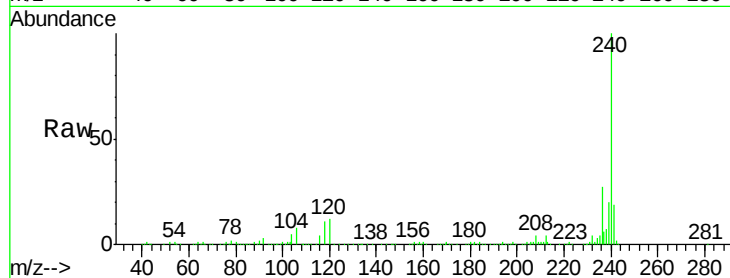
Tot Ion:240 Resp: 482061

Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

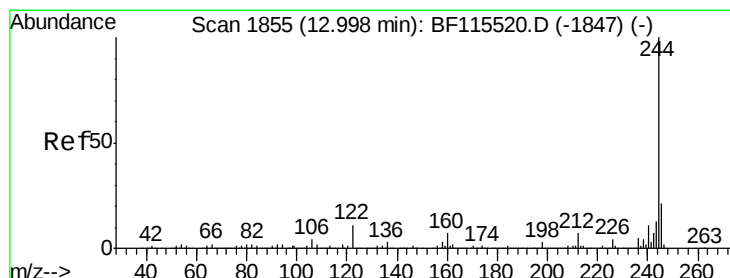
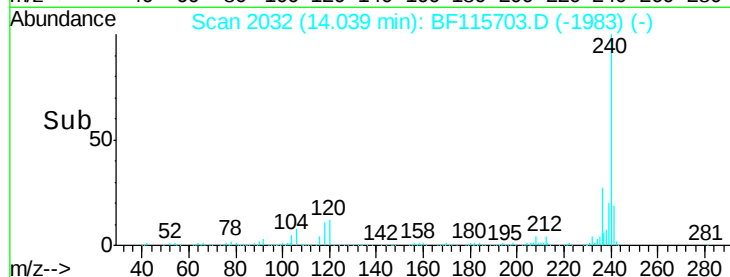
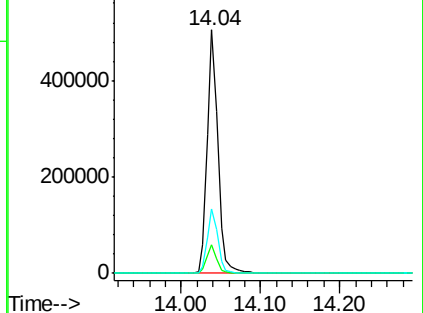
236 26.7 21.3 31.9



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: 85.581 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115703.D

Acq: 22 Jul 2019 12:25

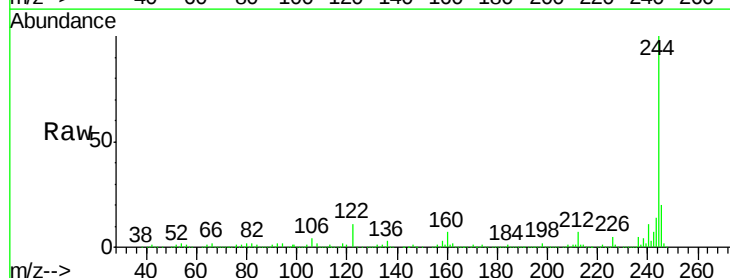
Tgt Ion:244 Resp: 2235865

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

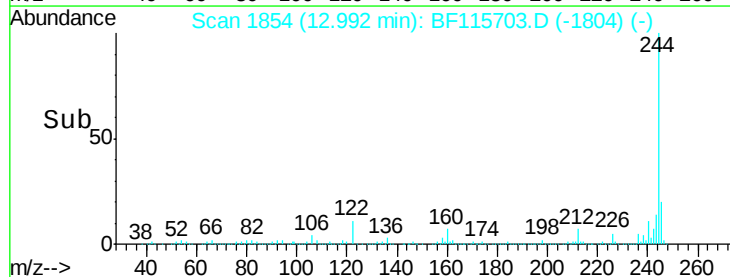
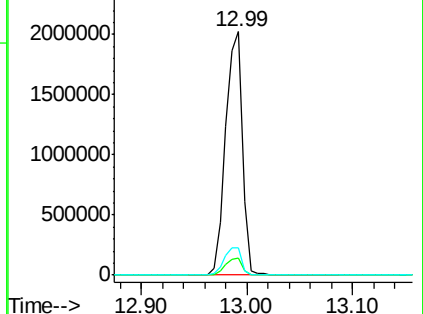
122 11.1 8.6 12.8

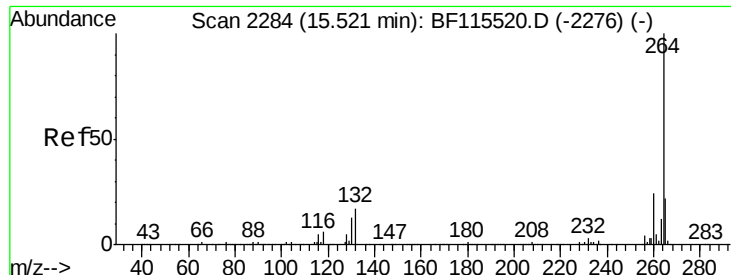


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

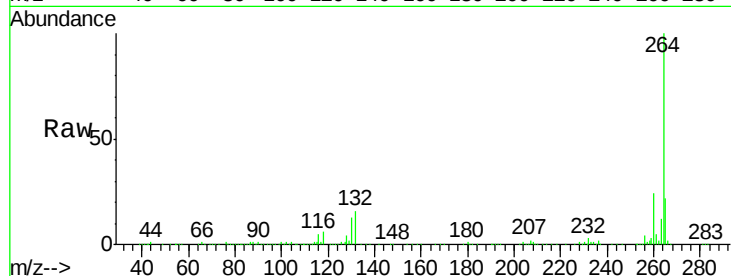




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115703.D
 Acq: 22 Jul 2019 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	22.0	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

