

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115767.D
 Acq On : 25 Jul 2019 19:34
 Operator : HP/JU
 Sample : K3990-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-B

Quant Time: Jul 26 05:59:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

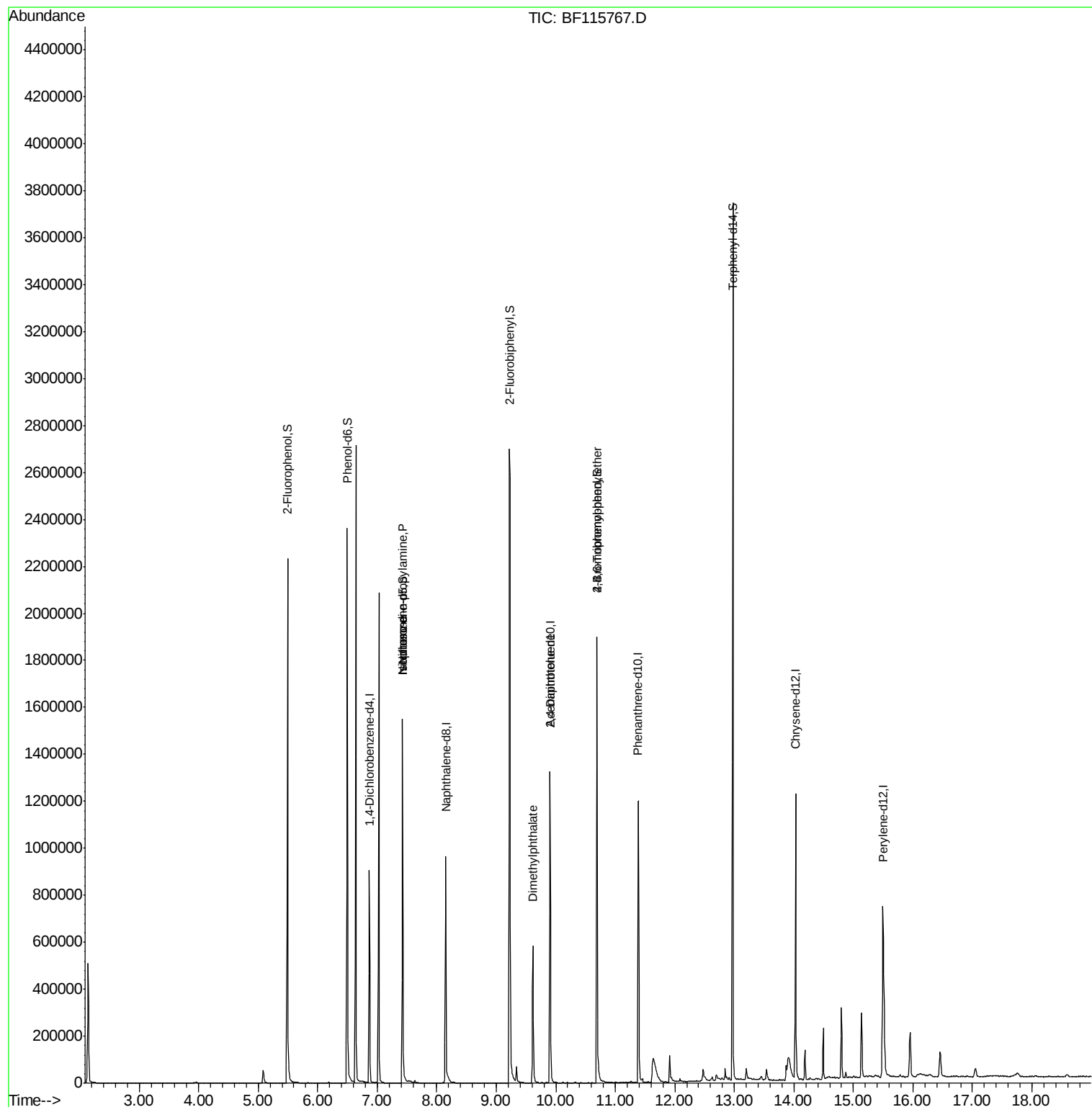
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119765	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	478171	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	267471	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	504166	20.00	ng	0.00
76) Chrysene-d12	14.03	240	419467	20.00	ng	0.00
87) Perylene-d12	15.50	264	406956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	640613	87.49	ng	0.00
7) Phenol-d6	6.50	99	842995	90.74	ng	0.00
23) Nitrobenzene-d5	7.43	82	520940	63.35	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	248082	79.46	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	978696	64.04	ng	0.00
79) Terphenyl-d14	12.97	244	1268786	55.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	68585	11.319	ng	Qvalue # 79
25) Isophorone	7.43	82	520932	31.657	ng	# 65
50) Dimethylphthalate	9.62	163	260801	12.960	ng	99
57) 2,4-Dinitrotoluene	9.90	165	34239	5.779	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	14974	2.599	ng	# 1

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

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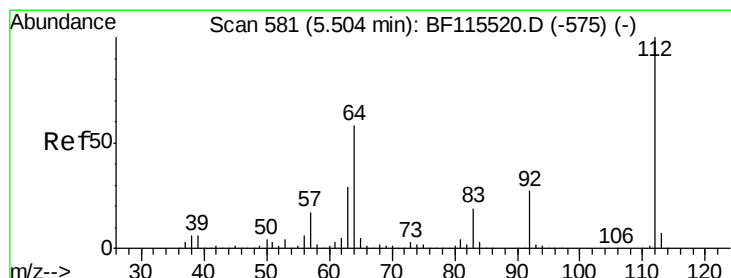
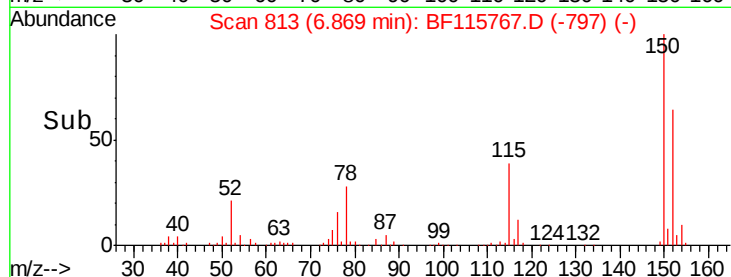
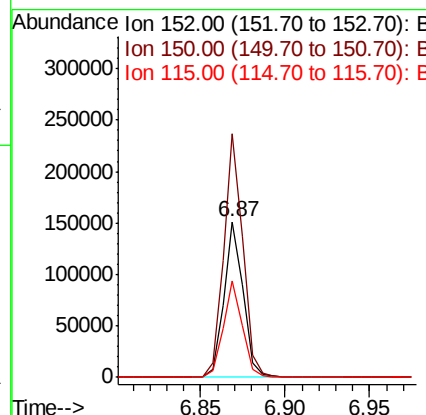
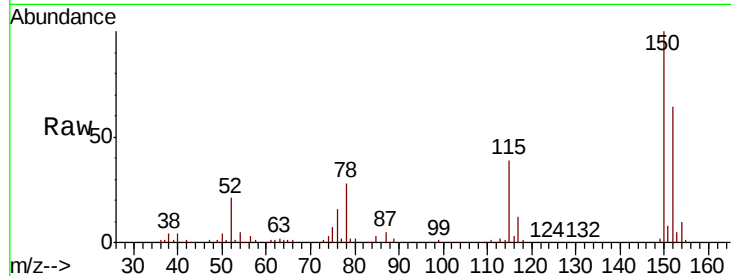




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115767.D
 Acq: 25 Jul 2019 19:34

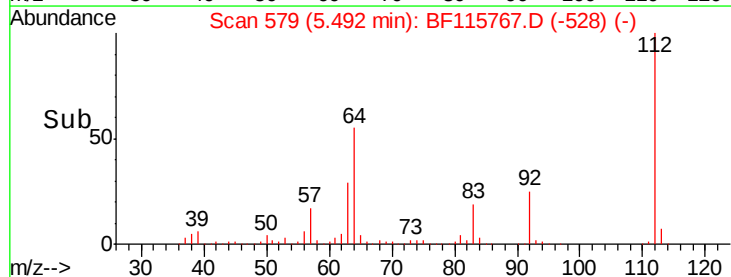
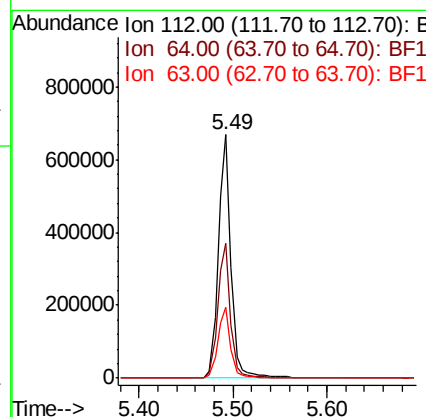
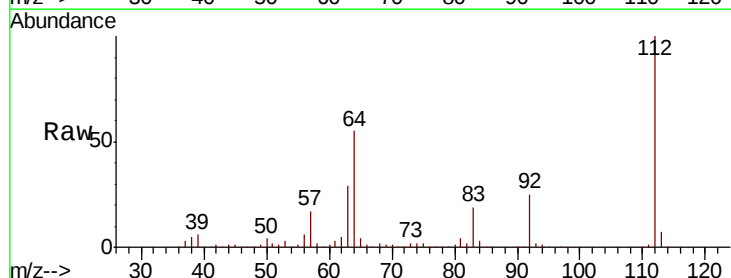
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-B

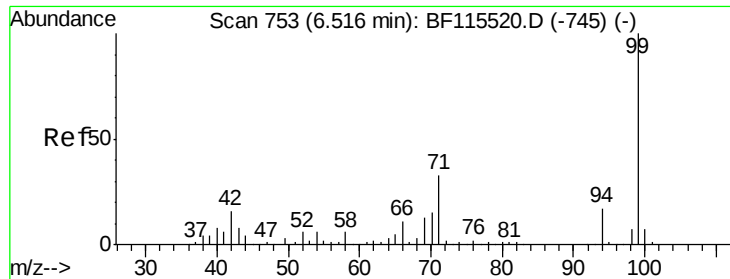
Tot Ion:152 Resp: 119765
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.6 189.8
 115 61.9 47.8 71.6



#5
 2-Fluorophenol
 Concen: 87.493 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF115767.D
 Acq: 25 Jul 2019 19:34

Tgt Ion:112 Resp: 640613
 Ion Ratio Lower Upper
 112 100
 64 55.2 45.8 68.8
 63 29.0 23.6 35.4





#7

Phenol-d6

Concen: 90.736 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115767.D

Acq: 25 Jul 2019 19:34

Instrument :

BNA_F

ClientSampled :

TP-5-B

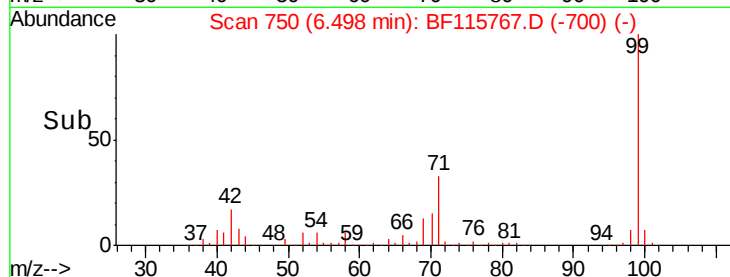
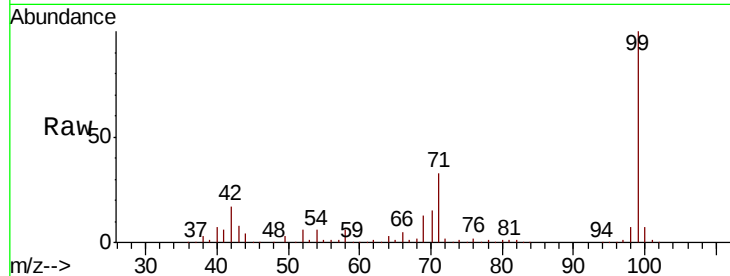
Tot Ion: 99 Resp: 842995

Ion Ratio Lower Upper

99 100

42 16.7 13.4 20.2

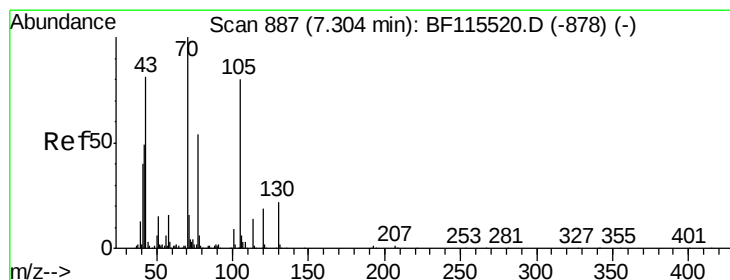
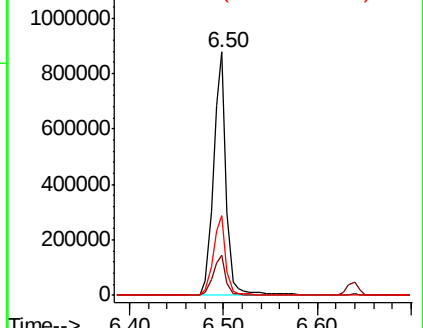
71 32.7 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.319 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115767.D

Acq: 25 Jul 2019 19:34

Tgt Ion: 70 Resp: 68585

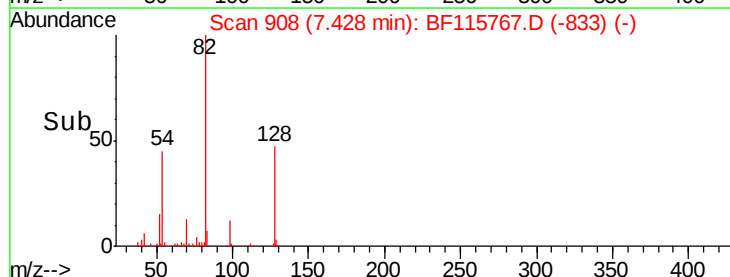
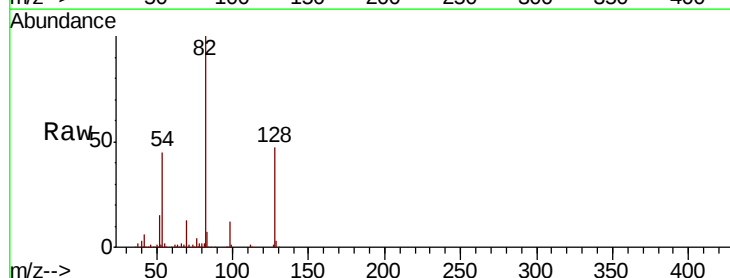
Ion Ratio Lower Upper

70 100

42 43.5 41.8 62.8

101 0.0 7.6 11.4#

130 2.2 16.9 25.3#

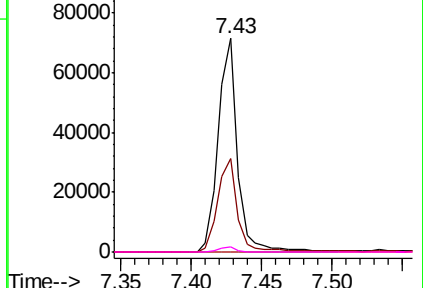


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115767.D

Acq: 25 Jul 2019 19:34

Instrument :

BNA_F

ClientSampleId :

TP-5-B

Tot Ion:136 Resp: 478171

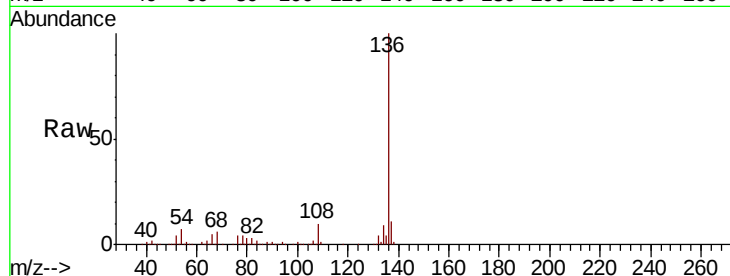
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.6 5.0 7.6

68 5.6 4.7 7.1

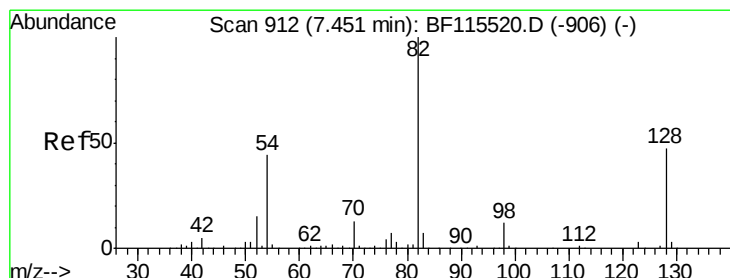
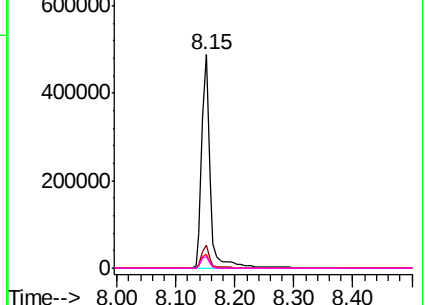
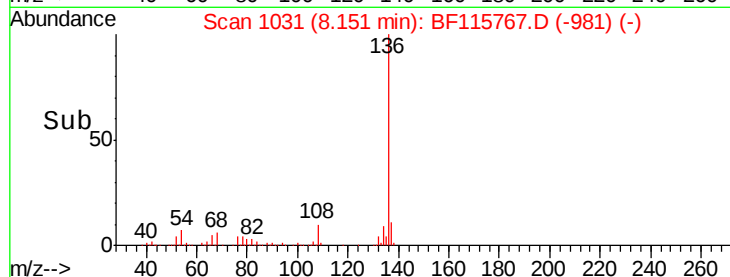


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.347 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115767.D

Acq: 25 Jul 2019 19:34

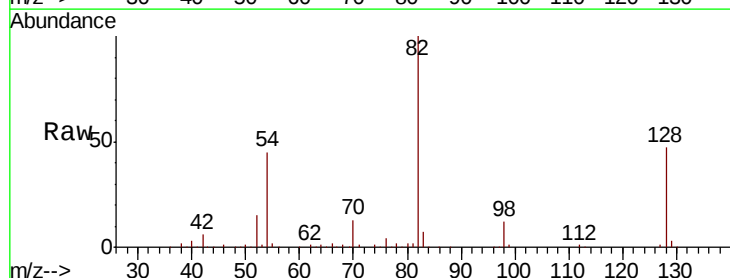
Tgt Ion: 82 Resp: 520940

Ion Ratio Lower Upper

82 100

128 46.6 36.6 55.0

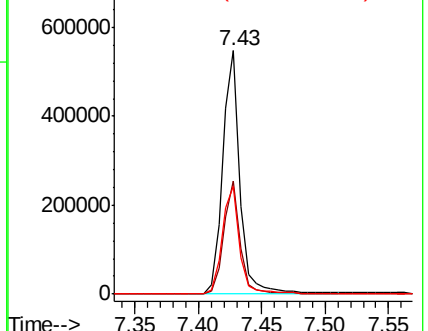
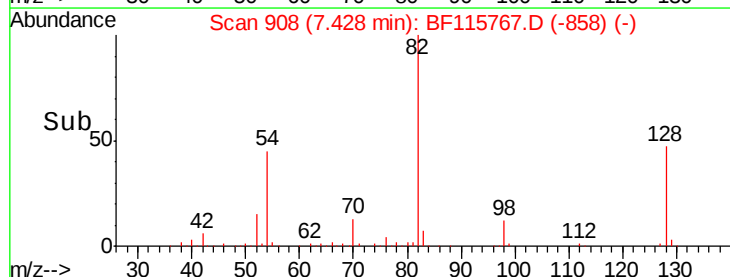
54 44.5 36.6 54.8



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: 31.657 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115767.D

Acq: 25 Jul 2019 19:34

Instrument :

BNA_F

ClientSampleId :

TP-5-B

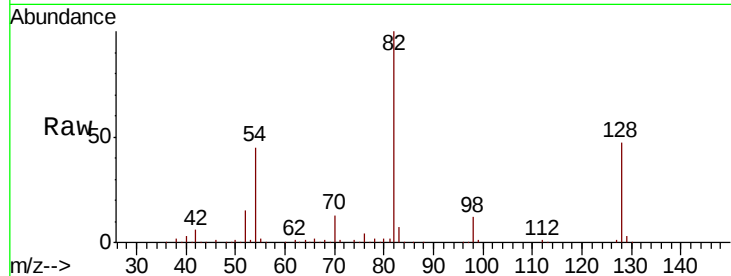
Tot Ion: 82 Resp: 520932

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.2 21.4#

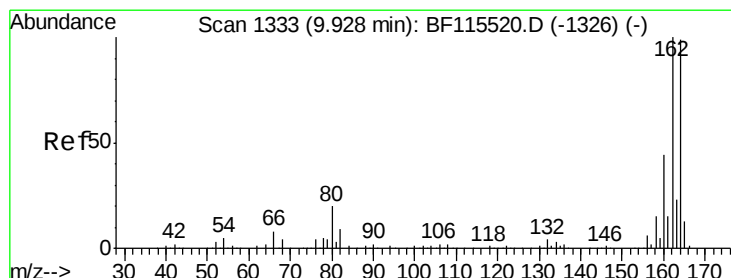
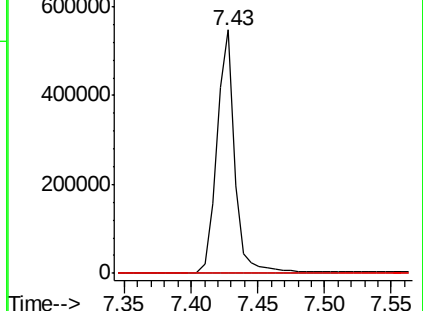
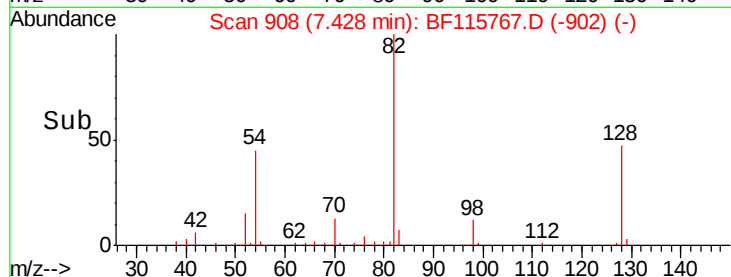


Abundance Ion 82.00 (81.70 to 82.70): BF115520.D (-948) (-)

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

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

Time--> 7.35 7.40 7.45 7.50 7.55



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115767.D

Acq: 25 Jul 2019 19:34

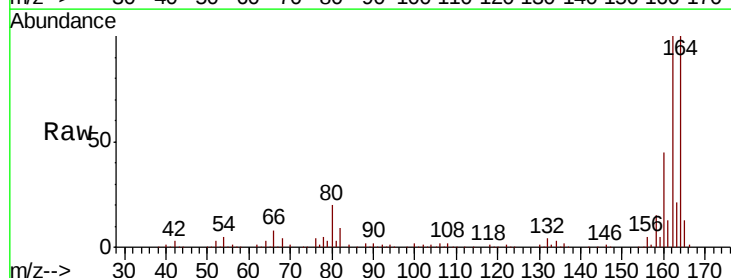
Tgt Ion: 164 Resp: 267471

Ion Ratio Lower Upper

164 100

162 100.3 81.8 122.6

160 45.3 37.5 56.3

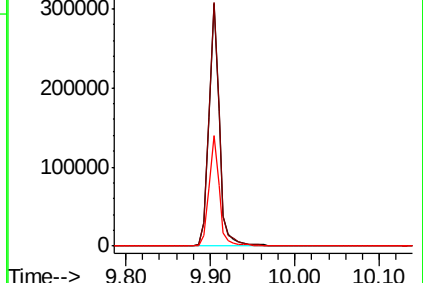
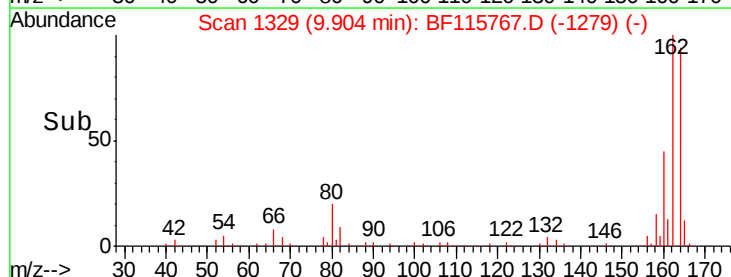


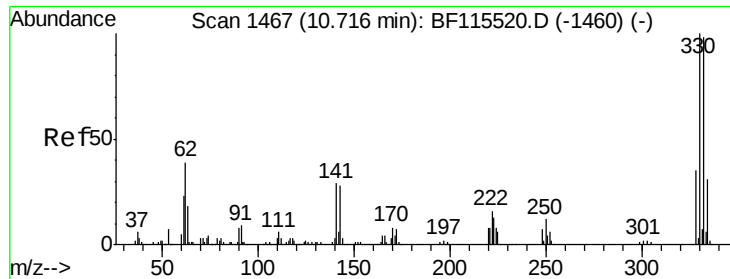
Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

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

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

Time--> 9.80 9.90 10.00 10.10

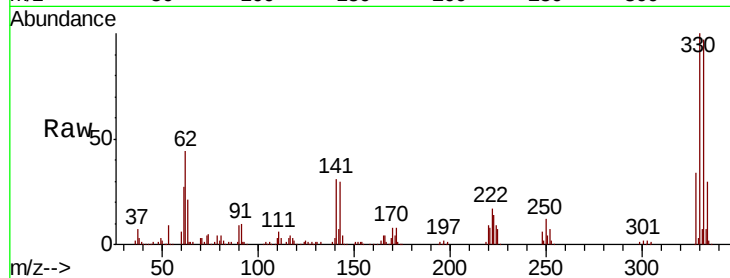




#42
 2,4,6-Tribromophenol
 Concen: 79.462 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115767.D
 Acq: 25 Jul 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	33.6	25.9	38.9

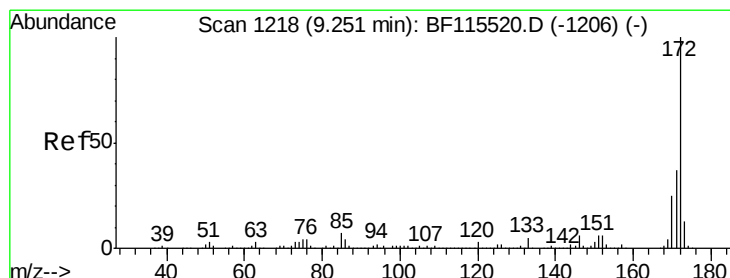
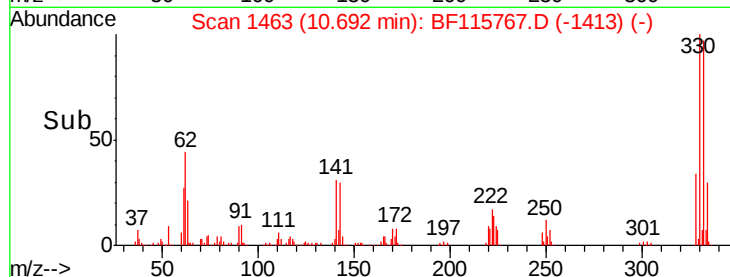
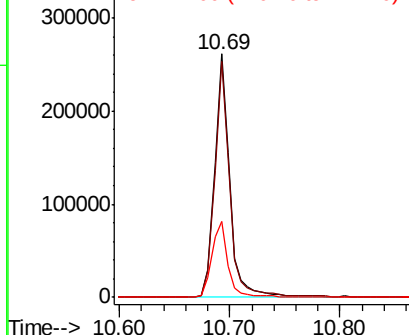


Abundance

Ion 329.80 (329.50 to 330.50): E

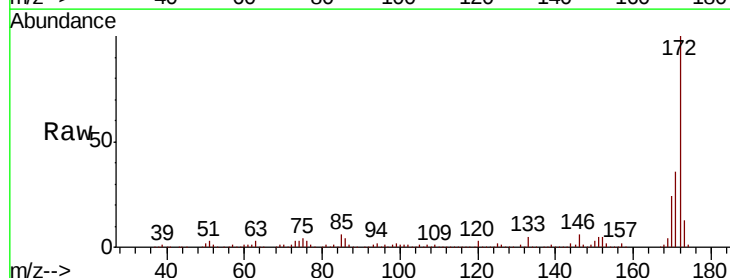
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.044 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115767.D
 Acq: 25 Jul 2019 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.4	20.1	30.1

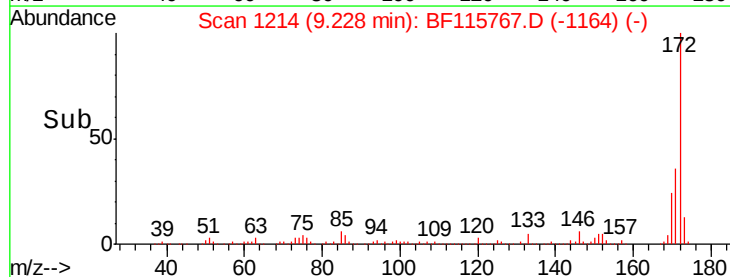
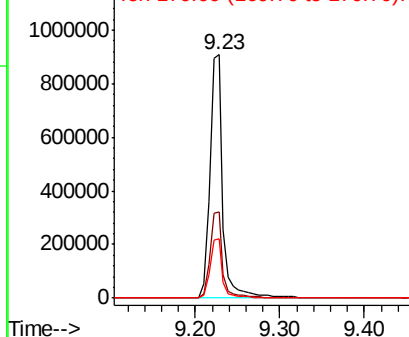


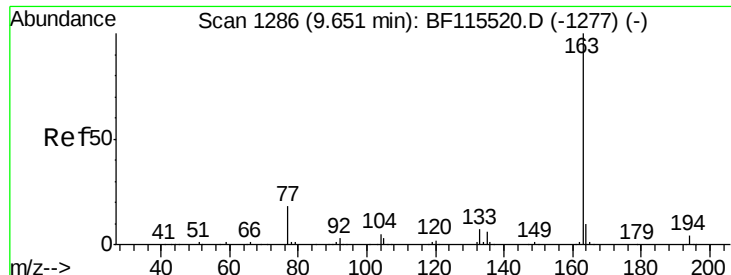
Abundance

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

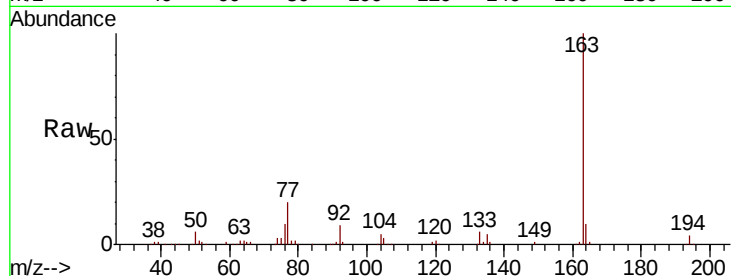




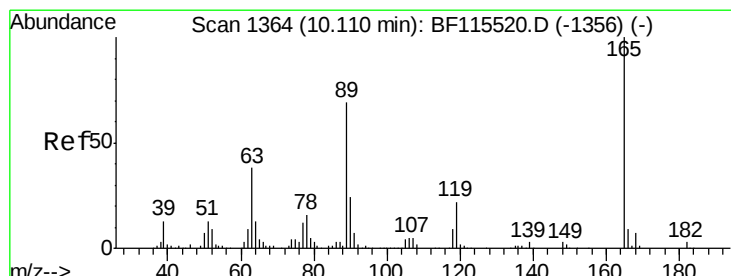
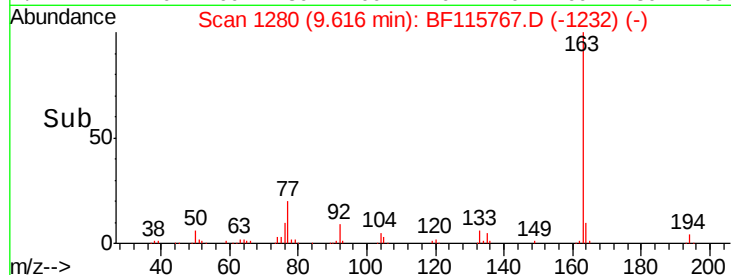
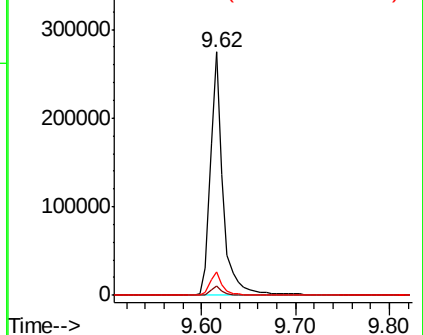
#50
Dimethylphthalate
Concen: 12.960 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115767.D
Acq: 25 Jul 2019 19:34

Instrument :
BNA_F
ClientSampleId :
TP-5-B

Tot Ion:163	Resp:	260801
Ion Ratio	Lower	Upper
163	100	
194	3.8	3.2 4.8
164	9.9	8.3 12.5

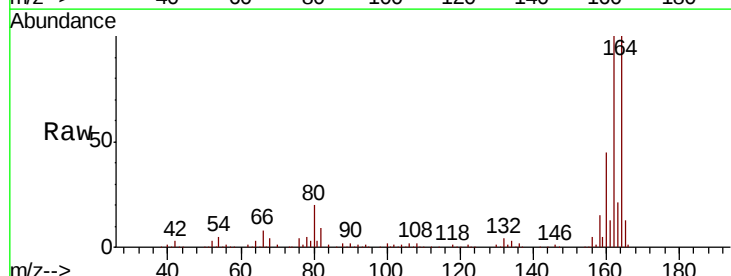


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

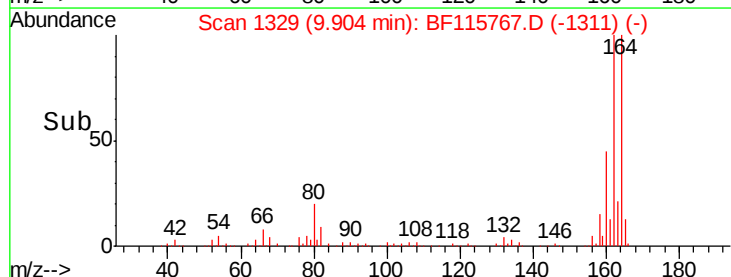
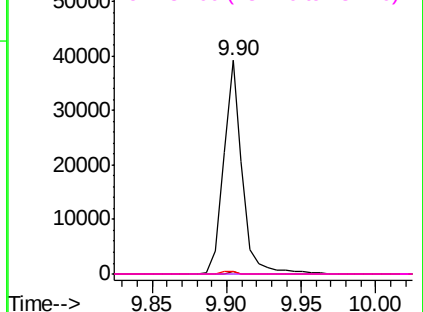


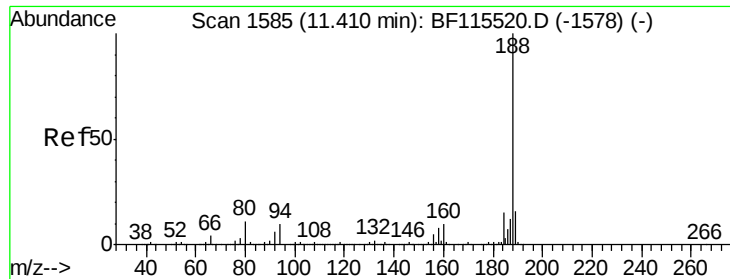
#57
2,4-Dinitrotoluene
Concen: 5.779 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115767.D
Acq: 25 Jul 2019 19:34

Tgt Ion:165	Resp:	34239
Ion Ratio	Lower	Upper
165	100	
63	1.1	33.4 50.2#
89	1.5	57.3 85.9#
182	0.0	2.1 3.1#



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: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF115767.D

Acq: 25 Jul 2019 19:34

Instrument :

BNA_F

ClientSampleId :

TP-5-B

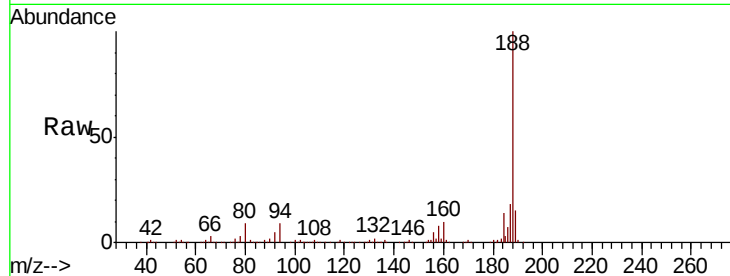
Tot Ion:188 Resp: 504166

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

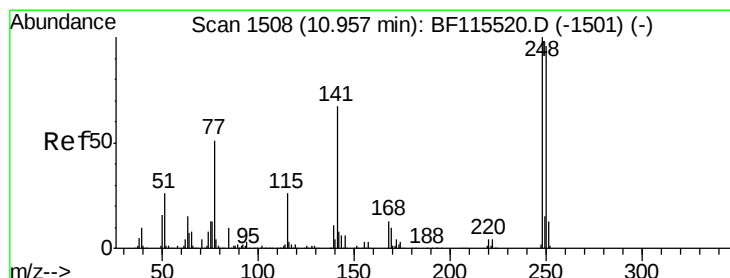
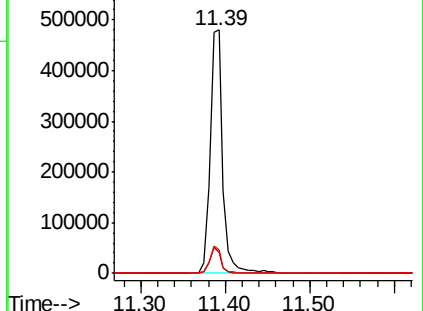
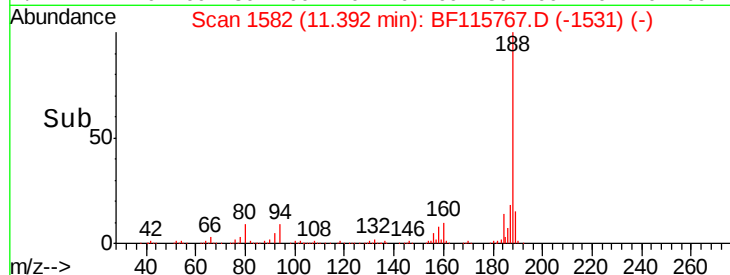
80 9.4 9.0 13.6



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



#67

4-Bromophenyl-phenylether

Concen: 2.599 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.25 min

Lab File: BF115767.D

Acq: 25 Jul 2019 19:34

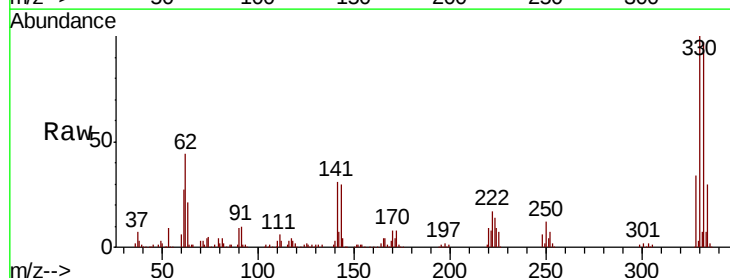
Tgt Ion:248 Resp: 14974

Ion Ratio Lower Upper

248 100

250 195.7 77.0 115.4#

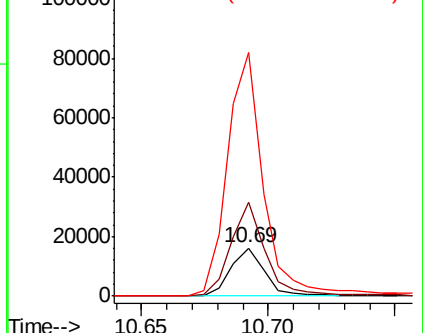
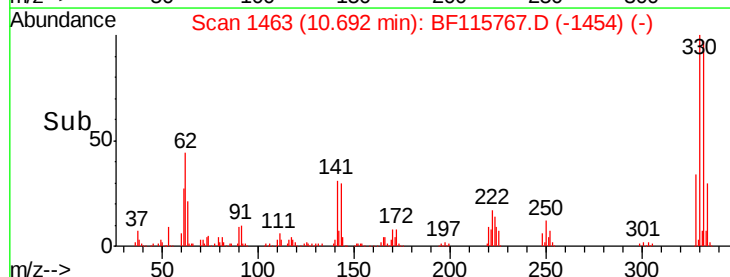
141 507.6 52.1 78.1#

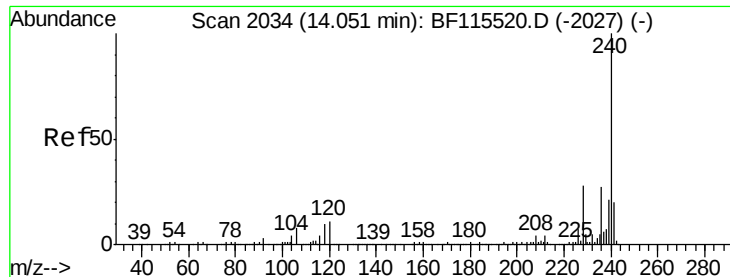


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115767.D

Acq: 25 Jul 2019 19:34

Instrument :

BNA_F

ClientSampleId :

TP-5-B

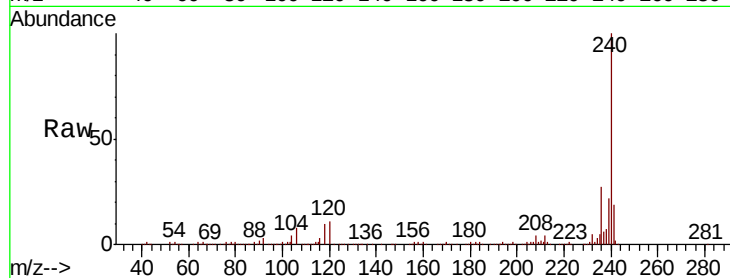
Tot Ion:240 Resp: 419467

Ion Ratio Lower Upper

240 100

120 11.1 10.0 15.0

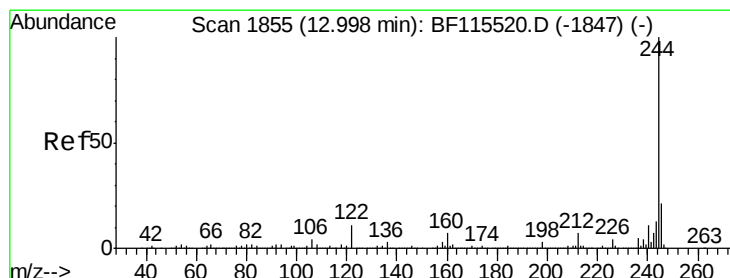
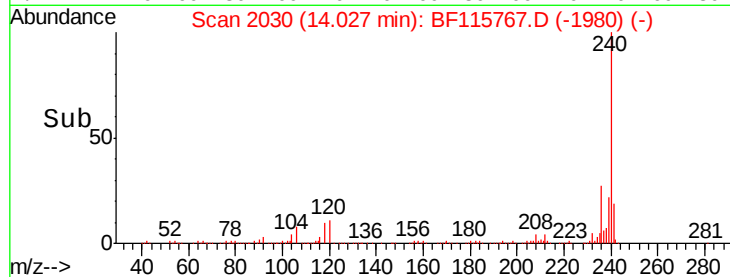
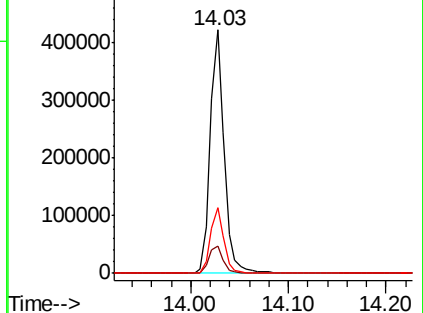
236 26.9 21.8 32.6



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: 55.812 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115767.D

Acq: 25 Jul 2019 19:34

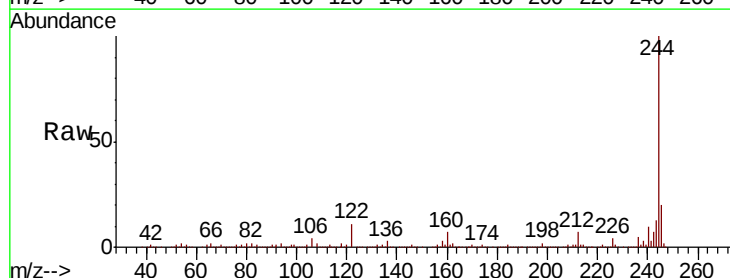
Tgt Ion:244 Resp: 1268786

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

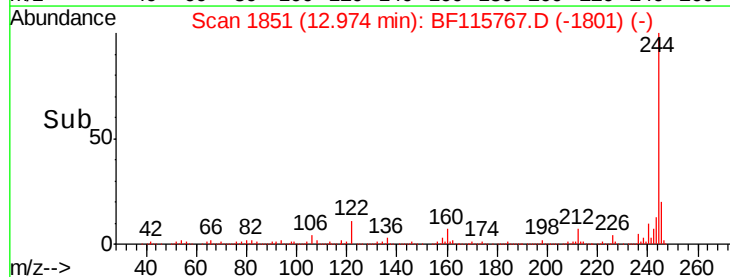
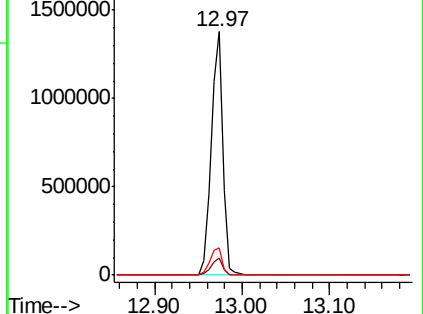
122 11.3 8.2 12.4

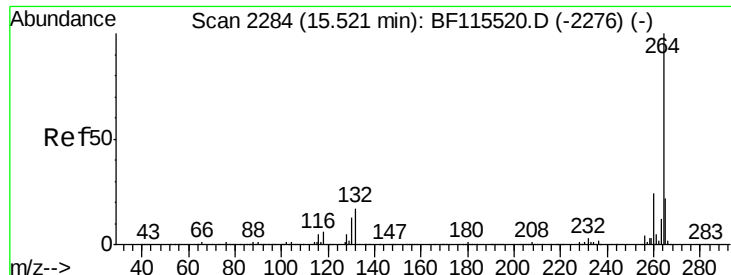


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

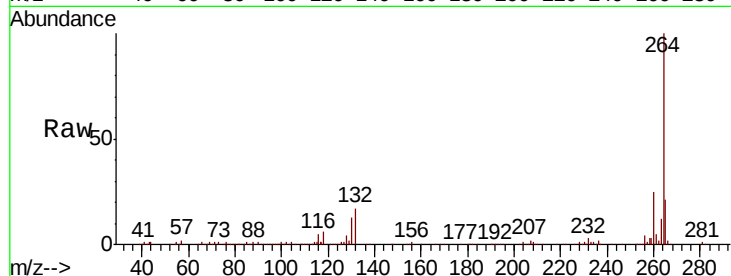




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF115767.D
 Acq: 25 Jul 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-B

Tot Ion:	264	Resp:	406956
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	21.2	17.5	26.3



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

