

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115765.D
 Acq On : 25 Jul 2019 18:40
 Operator : HP/JU
 Sample : K3990-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

Quant Time: Jul 26 05:58:45 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

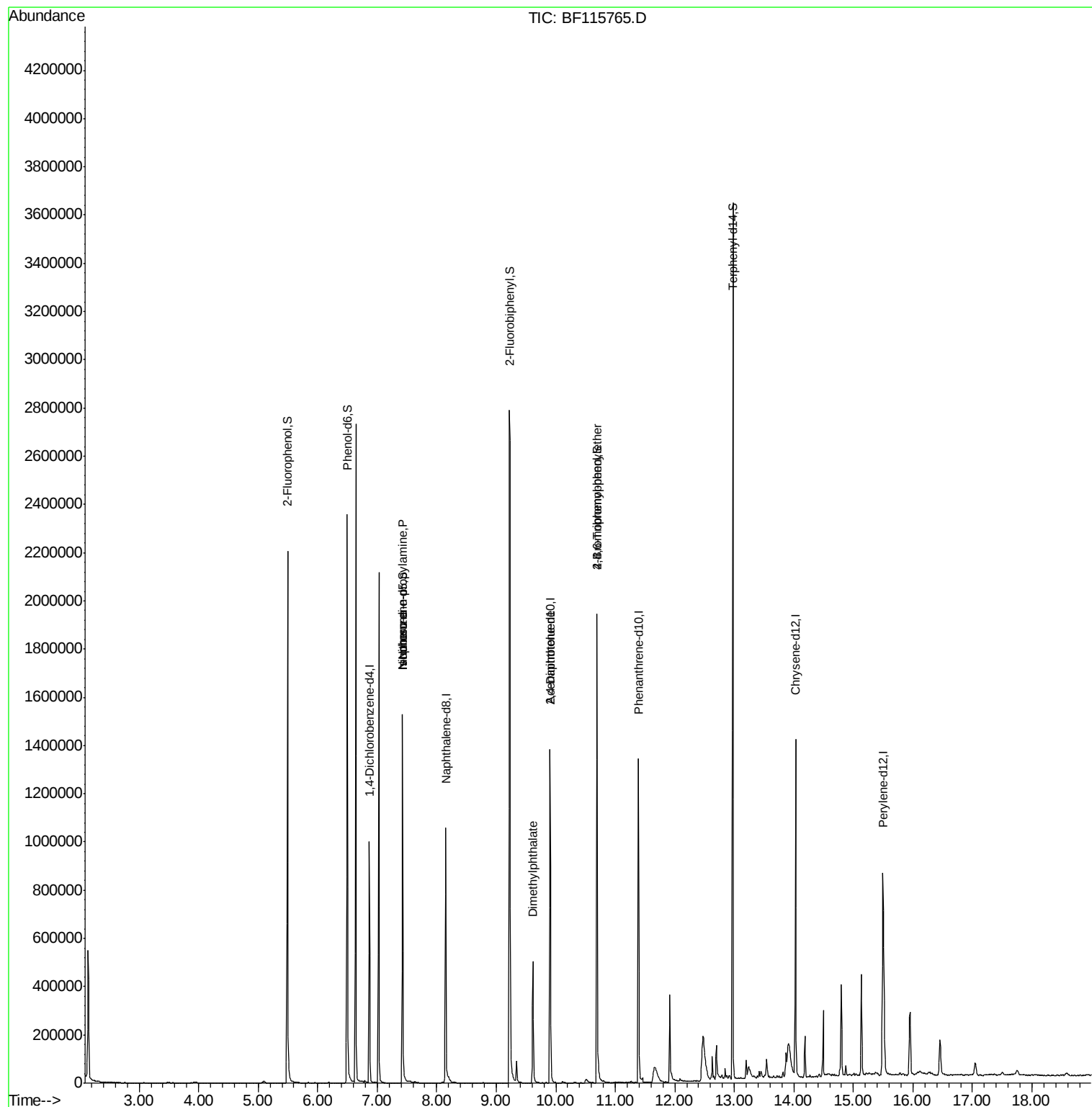
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	132106	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	530071	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	292067	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	557663	20.00	ng	0.00
76) Chrysene-d12	14.03	240	447788	20.00	ng	0.00
87) Perylene-d12	15.50	264	440892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	642277	79.53	ng	0.00
7) Phenol-d6	6.50	99	845812	82.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	523947	57.47	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	260700	76.47	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1017494	60.98	ng	0.00
79) Terphenyl-d14	12.97	244	1271559	52.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	69270	10.364	ng	# 79
25) Isophorone	7.43	82	523941	28.723	ng	# 65
50) Dimethylphthalate	9.62	163	226642	10.314	ng	# 98
57) 2,4-Dinitrotoluene	9.90	165	36823	5.692	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	15993	2.510	ng	# 1

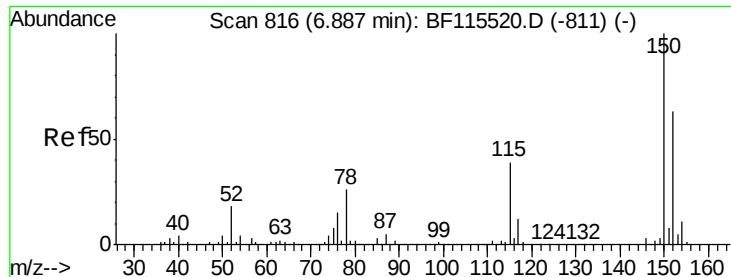
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



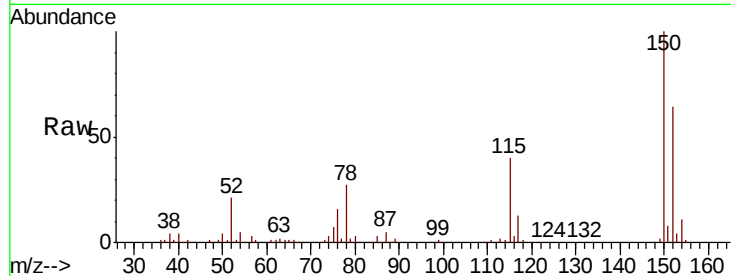


#1

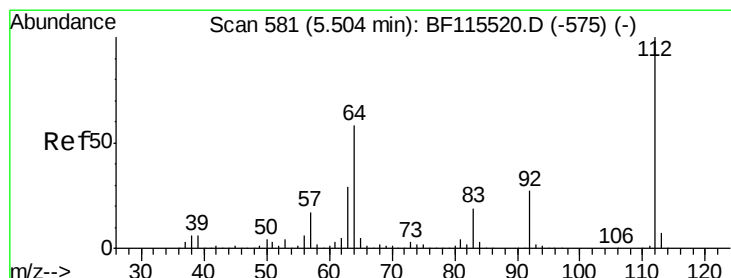
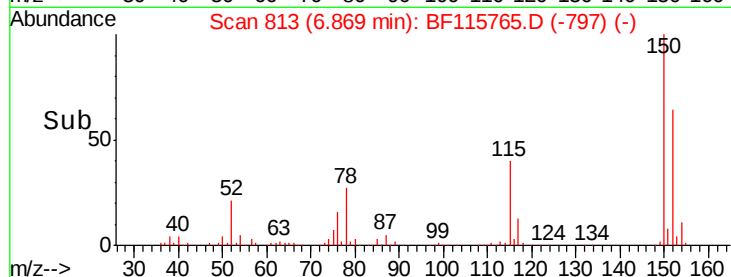
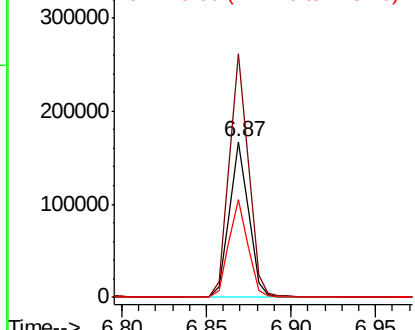
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115765.D
Acq: 25 Jul 2019 18:40

Instrument :
BNA_F
ClientSampleId :
TP-3-B

Tot Ion:152 Resp: 132106
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 62.7 47.8 71.6



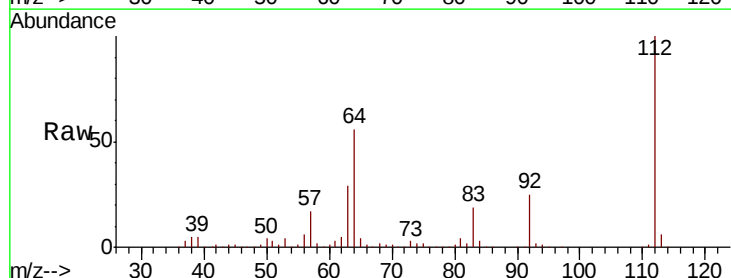
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



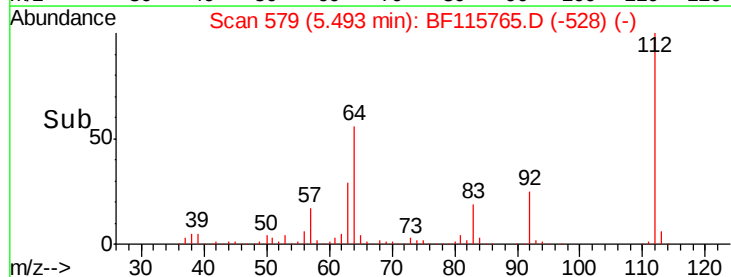
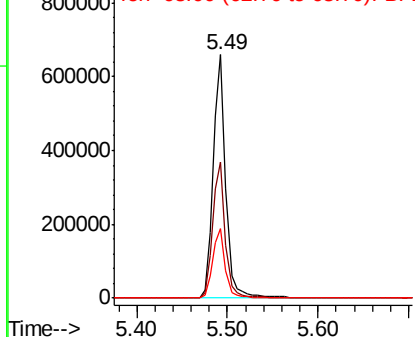
#5

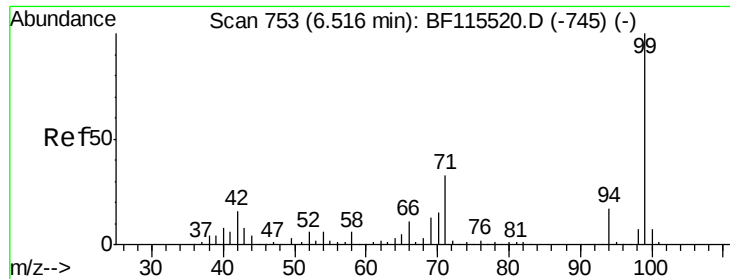
2-Fluorophenol
Concen: 79.525 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF115765.D
Acq: 25 Jul 2019 18:40

Tgt Ion:112 Resp: 642277
Ion Ratio Lower Upper
112 100
64 55.9 45.8 68.8
63 28.6 23.6 35.4



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: 82.535 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

Instrument :

BNA_F

ClientSampleId :

TP-3-B

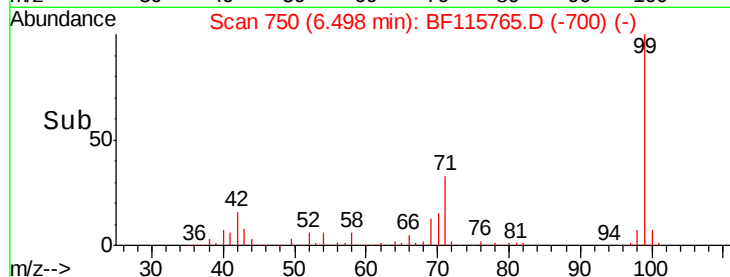
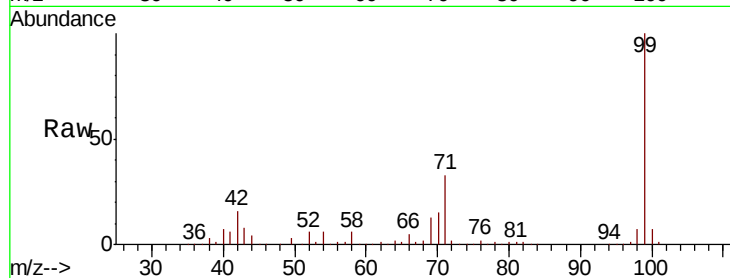
Tot Ion: 99 Resp: 845812

Ion Ratio Lower Upper

99 100

42 16.2 13.4 20.2

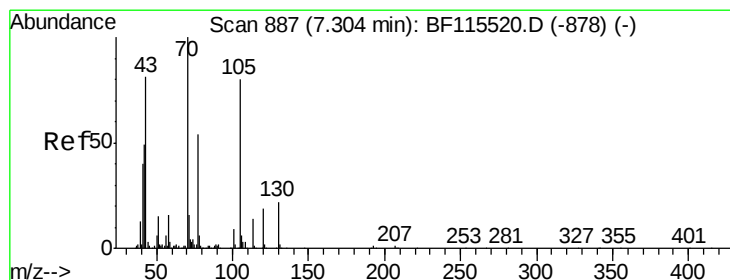
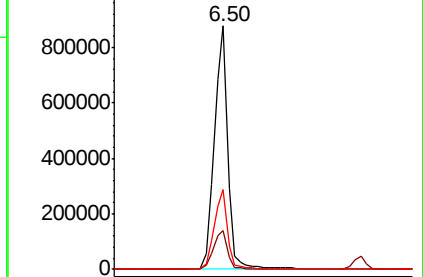
71 32.8 26.7 40.1



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: 10.364 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

Tgt Ion: 70 Resp: 69270

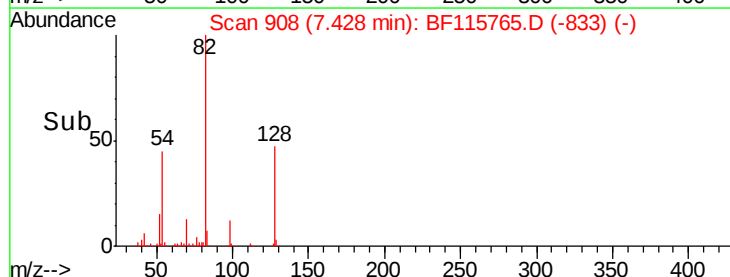
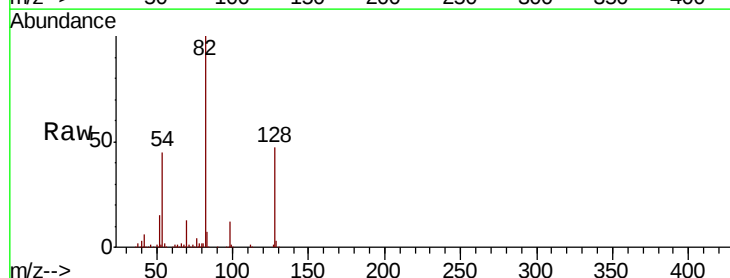
Ion Ratio Lower Upper

70 100

42 43.2 41.8 62.8

101 0.0 7.6 11.4#

130 2.3 16.9 25.3#

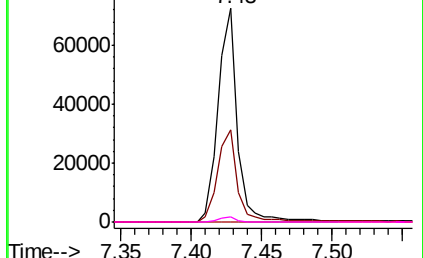


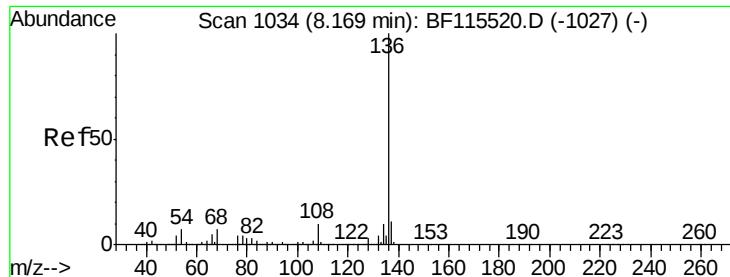
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

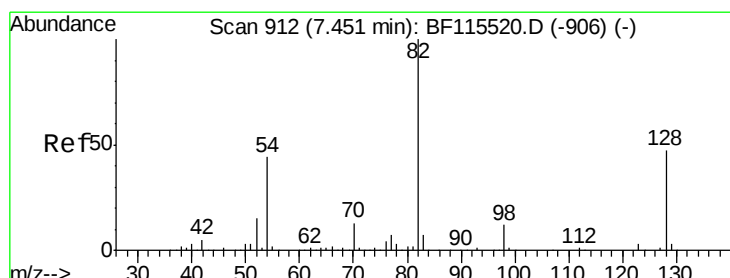
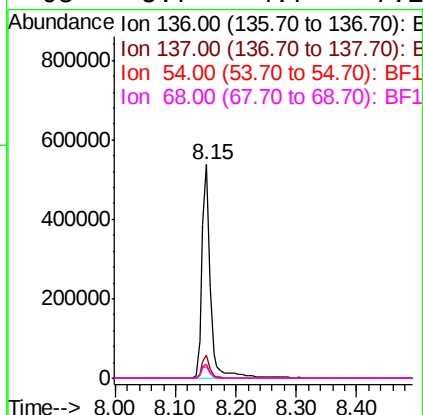
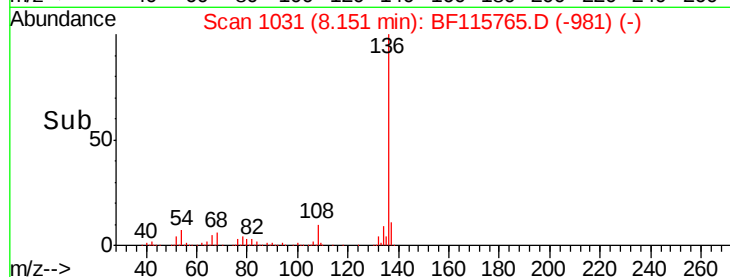
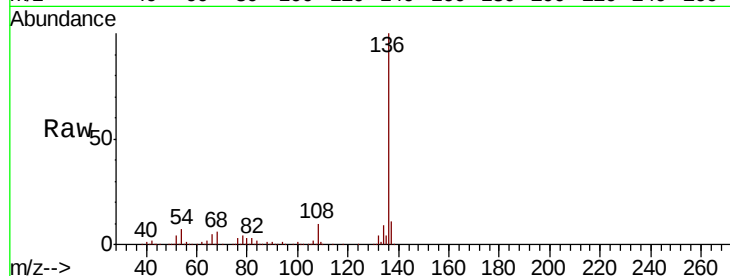




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115765.D
Acq: 25 Jul 2019 18:40

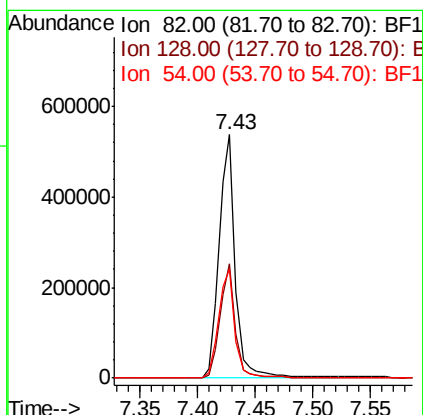
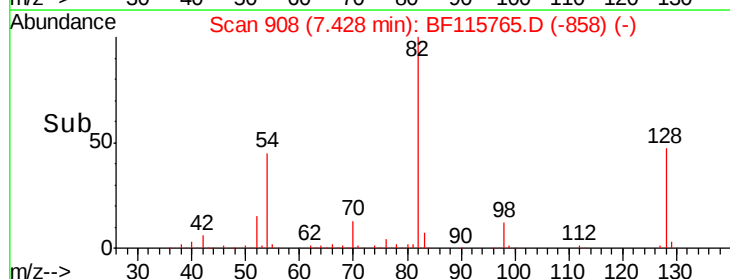
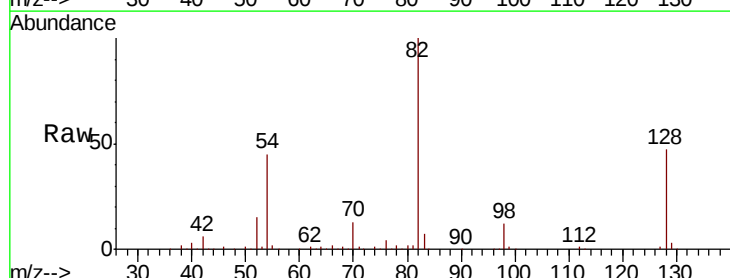
Instrument :
BNA_F
ClientSampleId :
TP-3-B

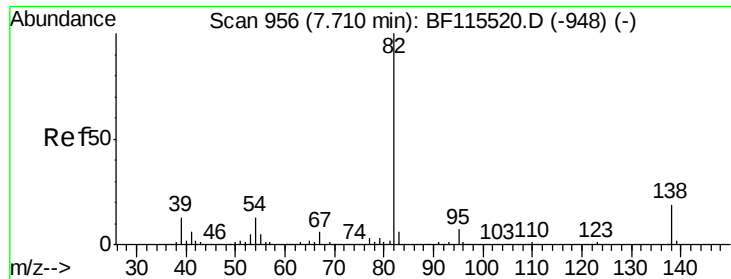
Tot Ion:136	Resp:	530071	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.7	13.1	
54 6.5	5.0	7.6	
68 5.7	4.7	7.1	



#23
Nitrobenzene-d5
Concen: 57.475 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115765.D
Acq: 25 Jul 2019 18:40

Tgt Ion: 82	Resp: 523947
Ion Ratio	Lower Upper
82 100	
128 46.8	36.6 55.0
54 44.6	36.6 54.8





#25

Isophorone

Concen: 28.723 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

Instrument :

BNA_F

ClientSampleId :

TP-3-B

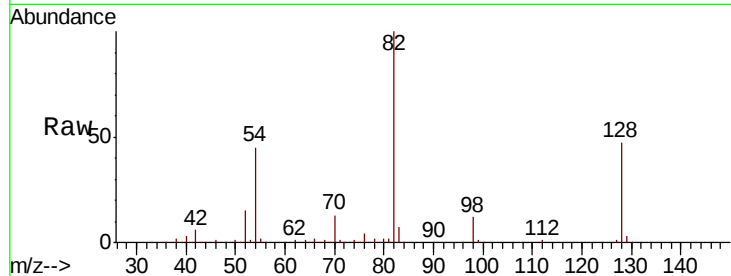
Tot Ion: 82 Resp: 523941

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.2 21.4#

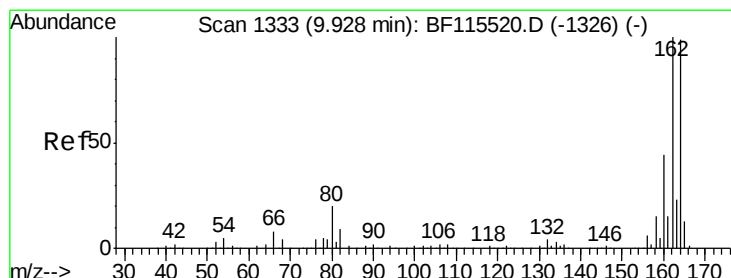
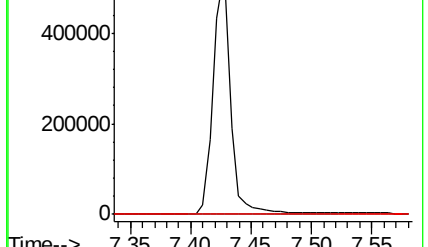
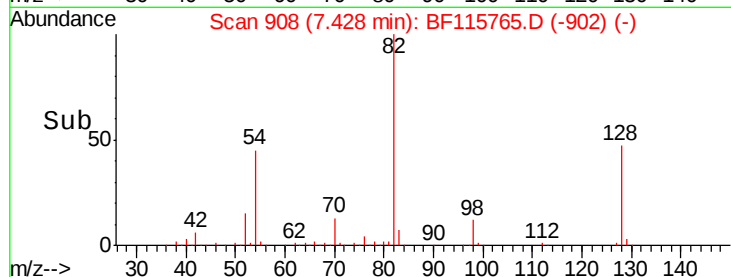


Abundance Ion 82.00 (81.70 to 82.70): BF115520.D (-948) (-)

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

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

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

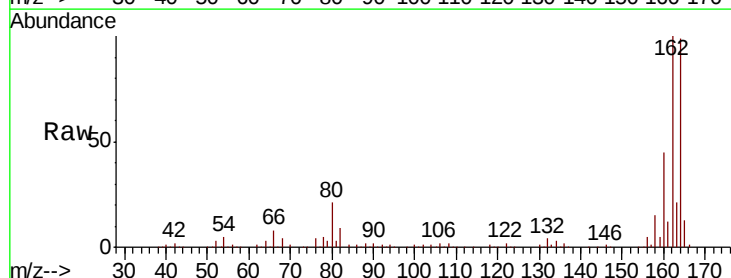
Tgt Ion: 164 Resp: 292067

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

160 45.2 37.5 56.3

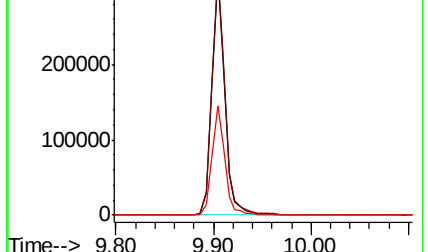
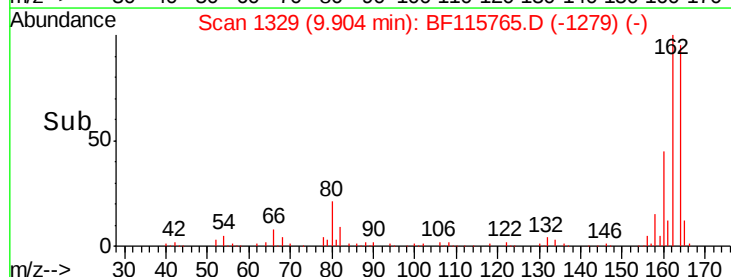


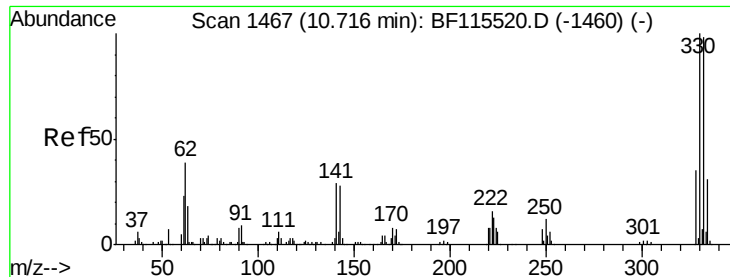
Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

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

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

Time-->

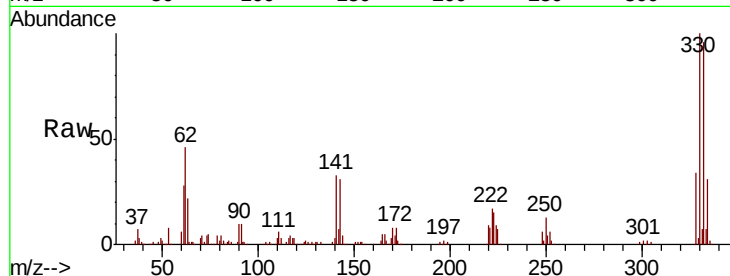




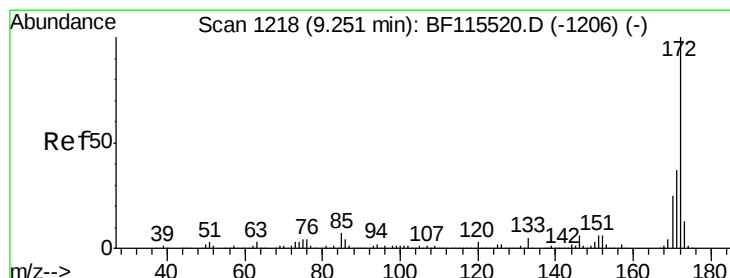
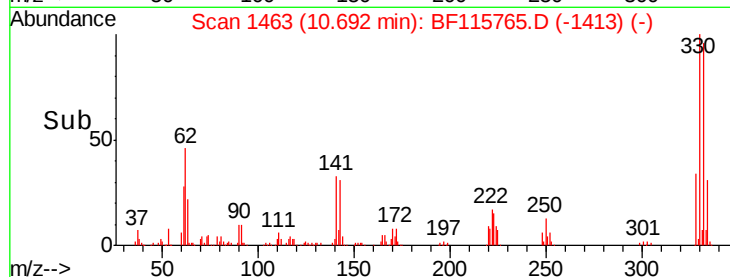
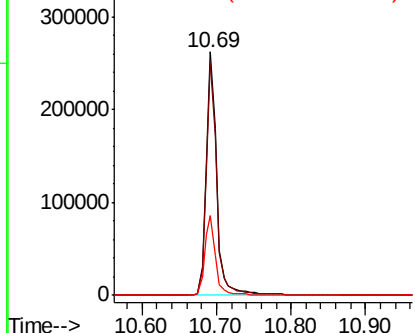
#42
 2,4,6-Tribromophenol
 Concen: 76.471 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115765.D
 Acq: 25 Jul 2019 18:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	33.7	25.9	38.9

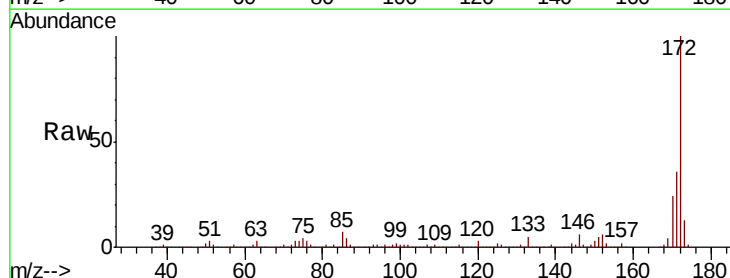


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

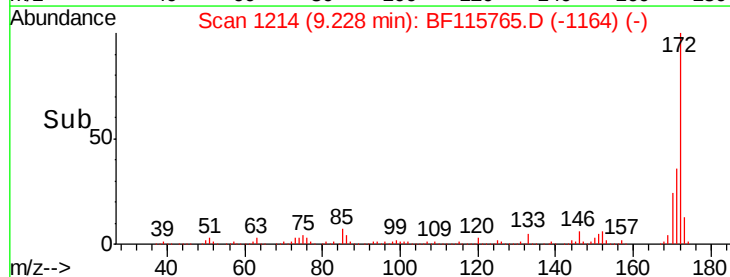
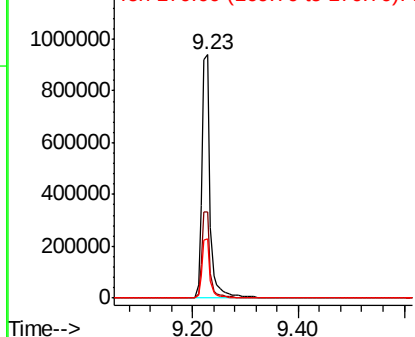


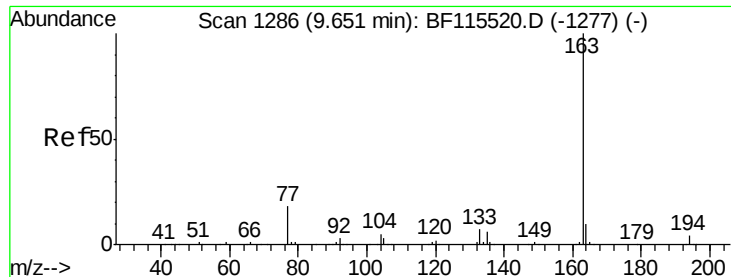
#45
 2-Fluorobiphenyl
 Concen: 60.976 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115765.D
 Acq: 25 Jul 2019 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.2	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

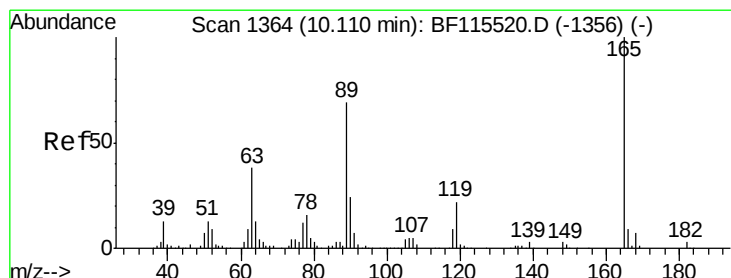
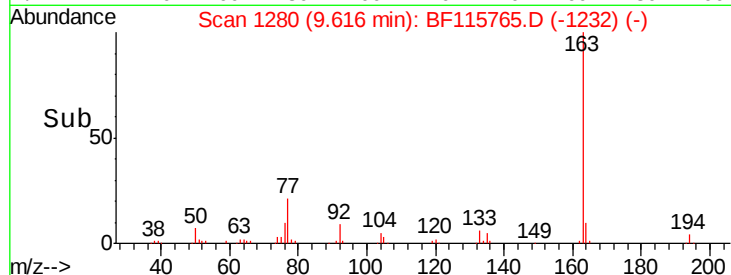
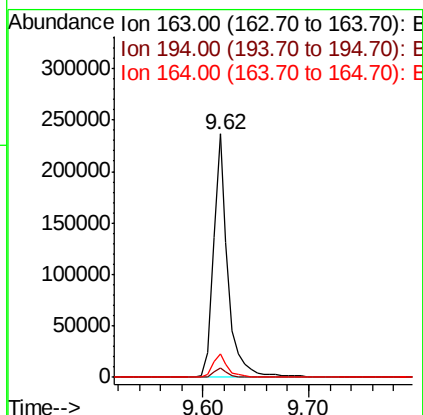
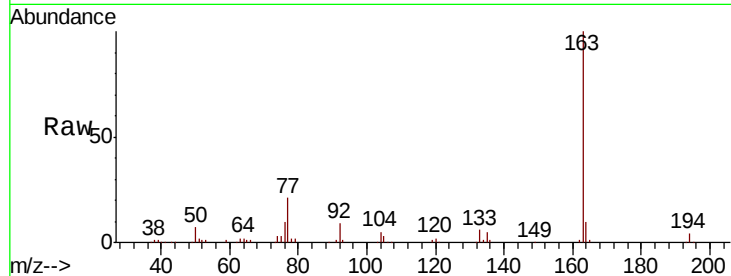




#50
Dimethylphthalate
Concen: 10.314 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115765.D
Acq: 25 Jul 2019 18:40

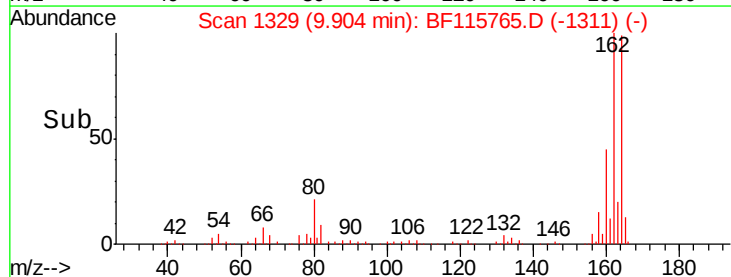
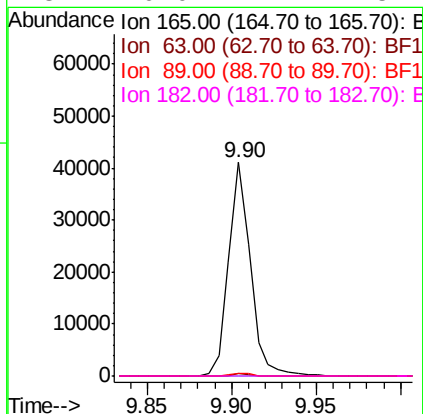
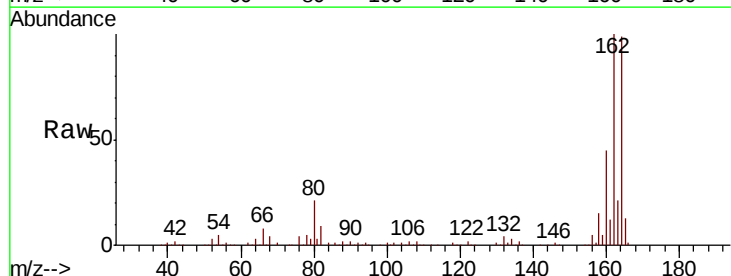
Instrument :
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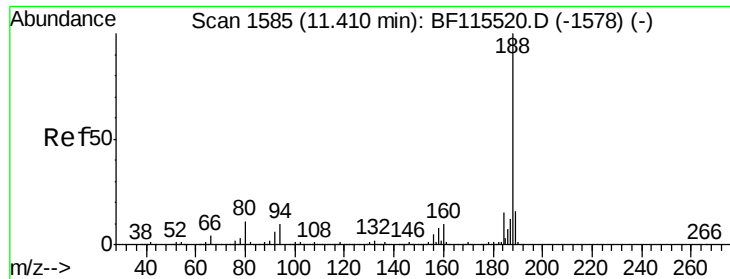
Tot Ion:163 Resp: 226642
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.5 8.3 12.5



#57
2,4-Dinitrotoluene
Concen: 5.692 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115765.D
Acq: 25 Jul 2019 18:40

Tgt Ion:165 Resp: 36823
Ion Ratio Lower Upper
165 100
63 1.2 33.4 50.2#
89 1.4 57.3 85.9#
182 0.0 2.1 3.1#

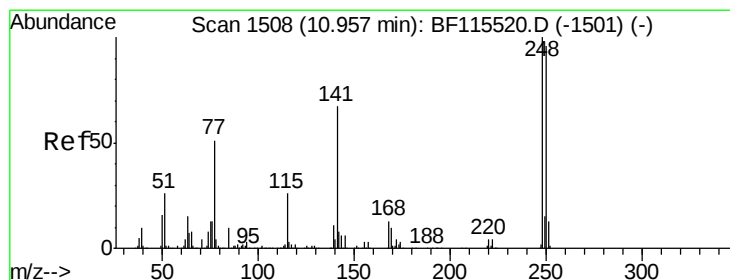
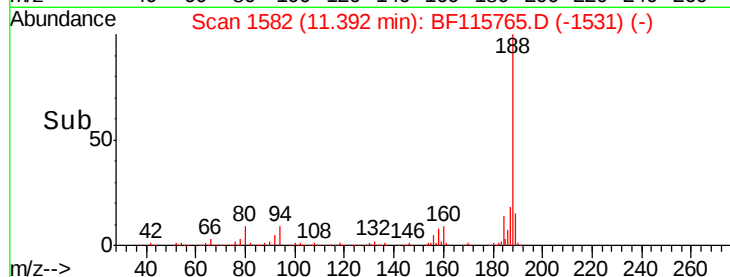
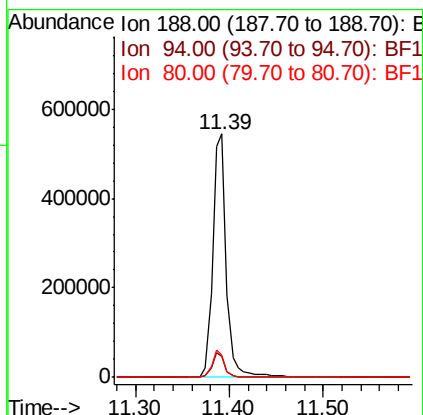
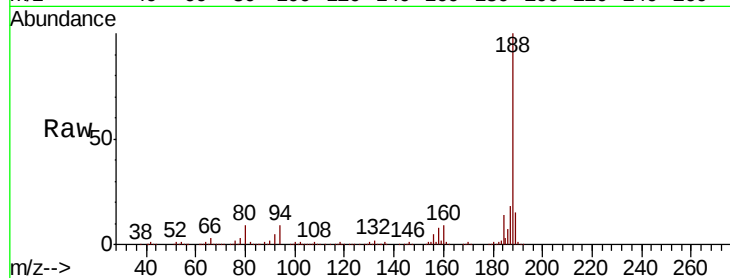




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF115765.D
 Acq: 25 Jul 2019 18:40

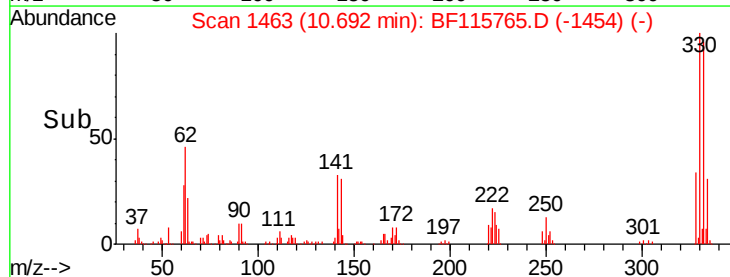
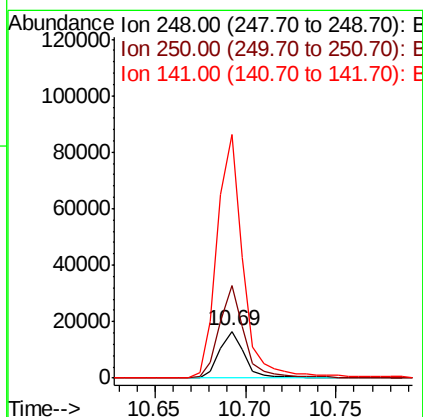
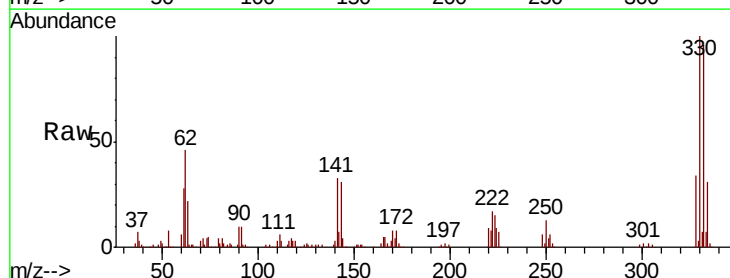
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

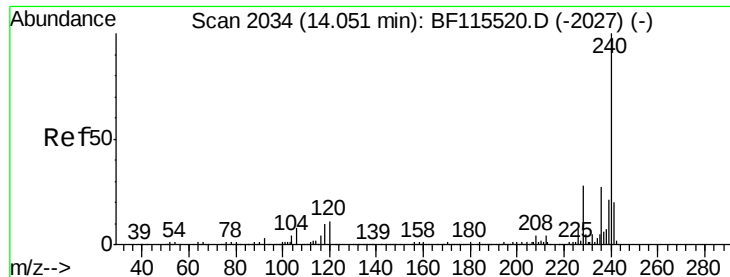
Tot Ion:188 Resp: 557663
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.2 12.2
 80 8.9 9.0 13.6#



#67
 4-Bromophenyl-phenylether
 Concen: 2.510 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.25 min
 Lab File: BF115765.D
 Acq: 25 Jul 2019 18:40

Tgt Ion:248 Resp: 15993
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.0 115.4#
 141 523.6 52.1 78.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

Instrument :

BNA_F

ClientSampleId :

TP-3-B

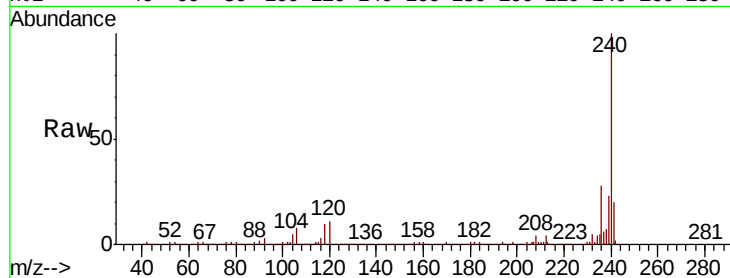
Tot Ion:240 Resp: 447788

Ion Ratio Lower Upper

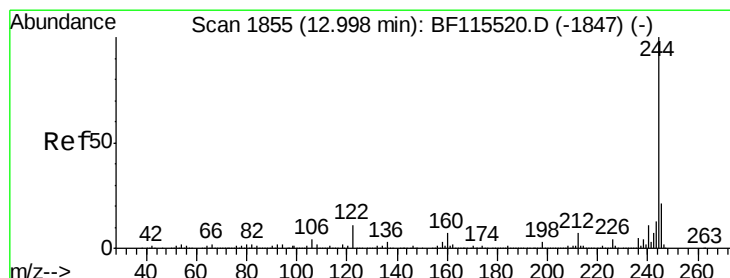
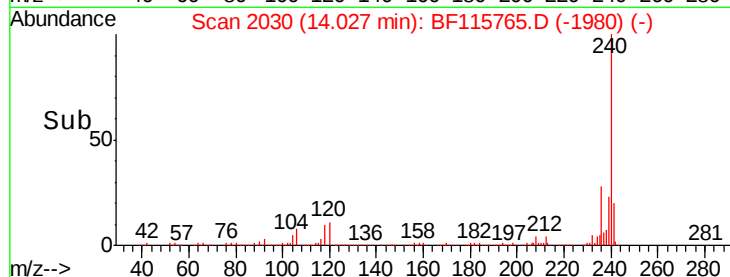
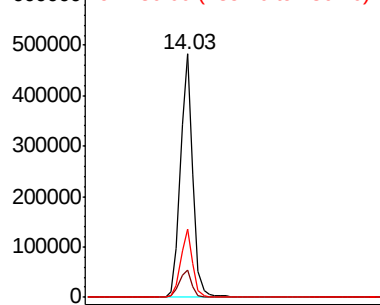
240 100

120 11.2 10.0 15.0

236 27.8 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: 52.396 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

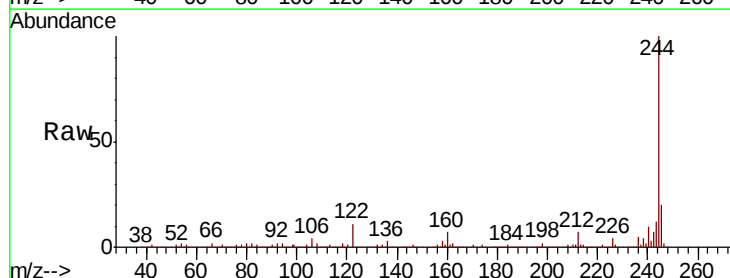
Tgt Ion:244 Resp: 1271559

Ion Ratio Lower Upper

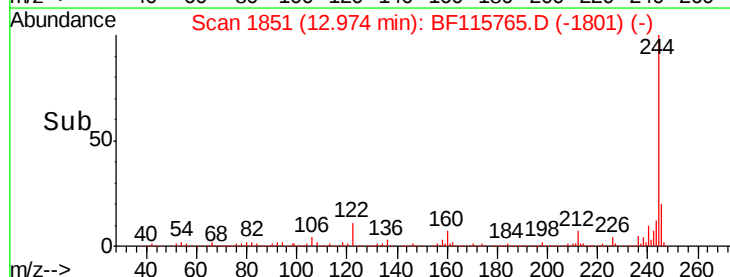
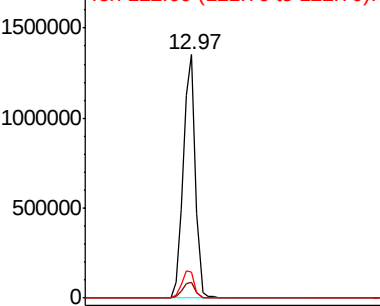
244 100

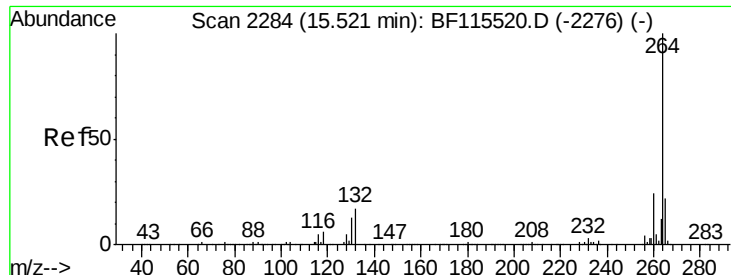
212 6.7 5.5 8.3

122 10.8 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

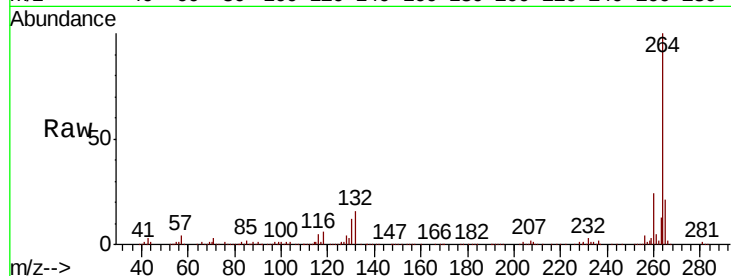




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF115765.D
 Acq: 25 Jul 2019 18:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

