

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115783.D
 Acq On : 26 Jul 2019 12:50
 Operator : HP/JU
 Sample : PB121731BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 17:58:54 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

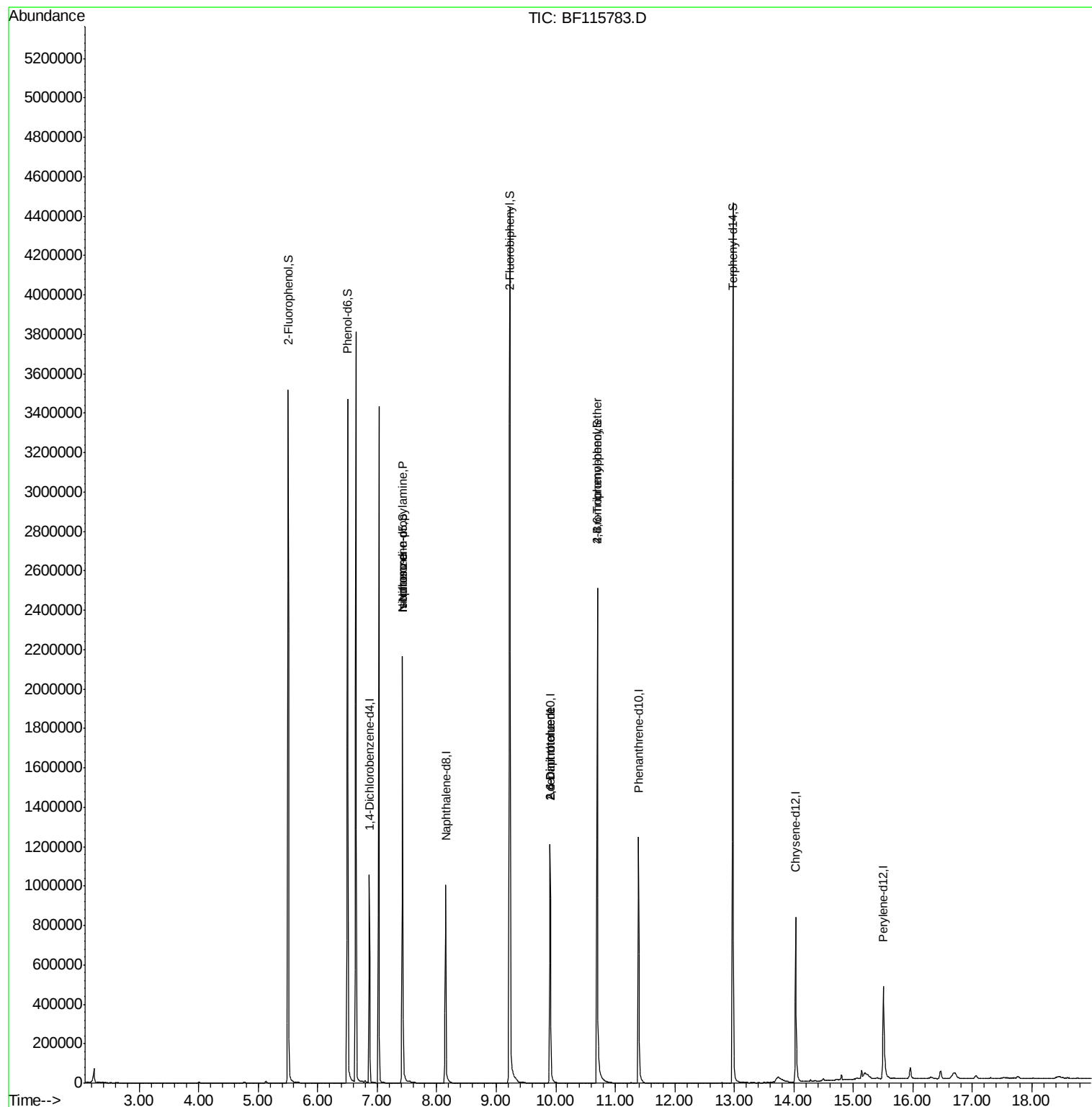
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144857	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	549229	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	297986	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	526671	20.00	ng	0.00
76) Chrysene-d12	14.03	240	361870	20.00	ng	0.00
87) Perylene-d12	15.50	264	323011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1092365	123.35	ng	0.01
7) Phenol-d6	6.50	99	1419997	126.37	ng	0.00
23) Nitrobenzene-d5	7.43	82	931053	98.57	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	413091	118.77	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1721450	101.11	ng	0.00
79) Terphenyl-d14	12.97	244	1834283	93.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	124272	16.957	ng	# 78
25) Isophorone	7.43	82	931173	49.266	ng	# 65
51) 2,6-Dinitrotoluene	9.90	165	37008	7.264	ng	# 25
57) 2,4-Dinitrotoluene	9.90	165	37116	5.623	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	24539	4.077	ng	# 1

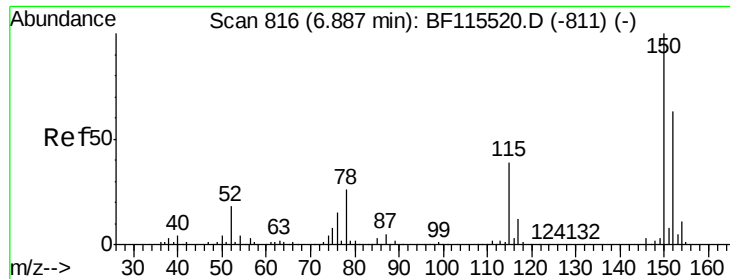
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Jul 26 17:58:54 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



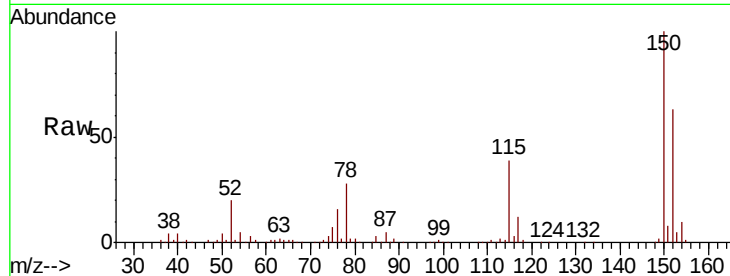


#1

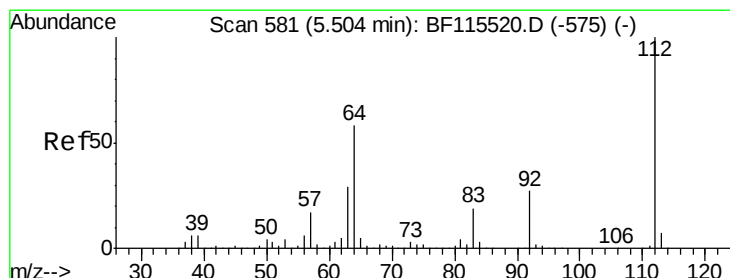
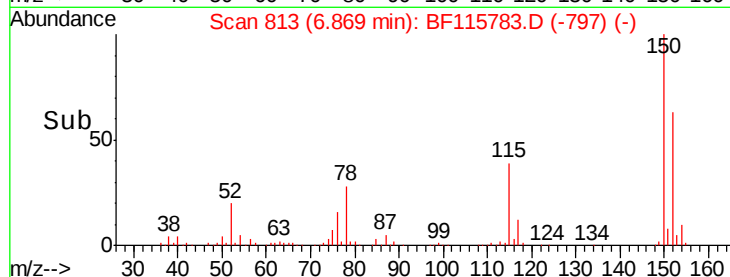
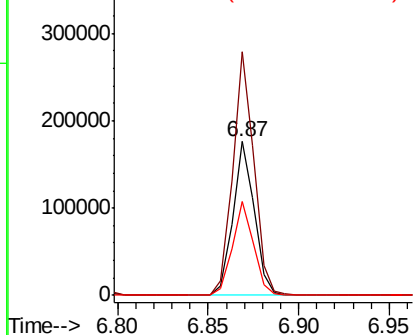
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115783.D
Acq: 26 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144857
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 61.2 47.8 71.6



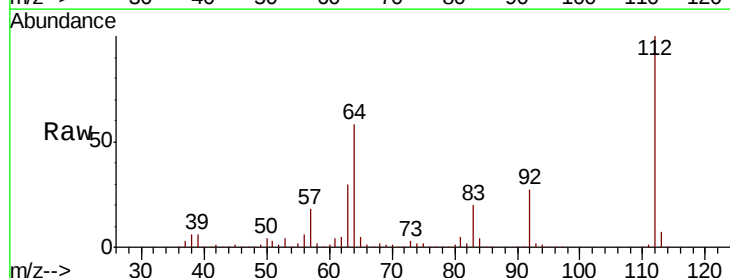
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



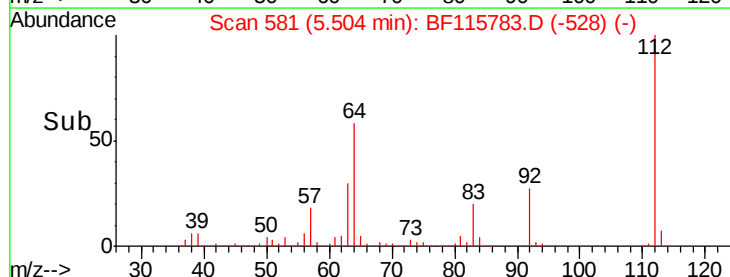
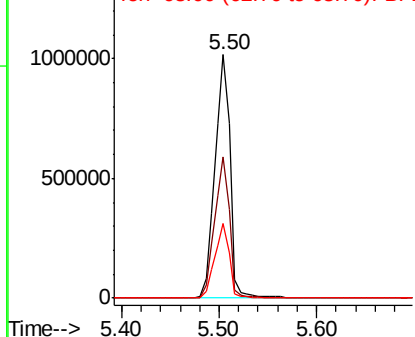
#5

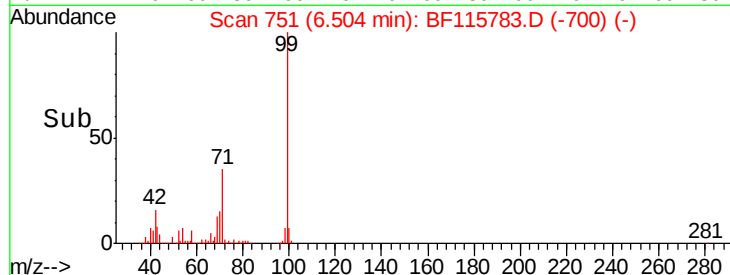
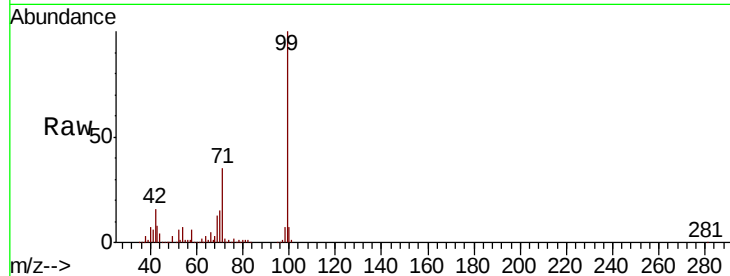
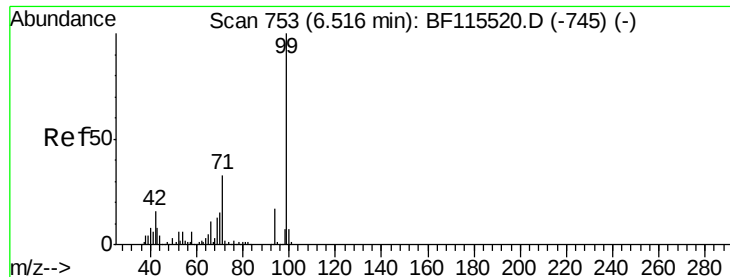
2-Fluorophenol
Concen: 123.349 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF115783.D
Acq: 26 Jul 2019 12:50

Tgt Ion:112 Resp: 1092365
Ion Ratio Lower Upper
112 100
64 58.2 45.8 68.8
63 30.5 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

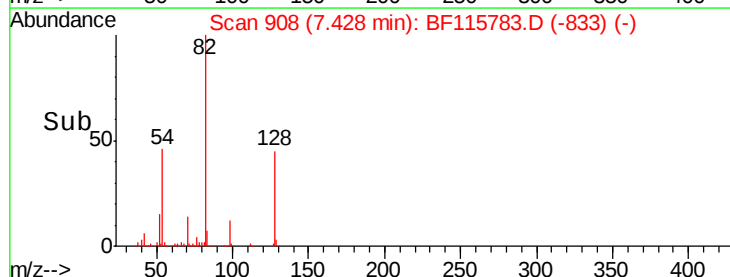
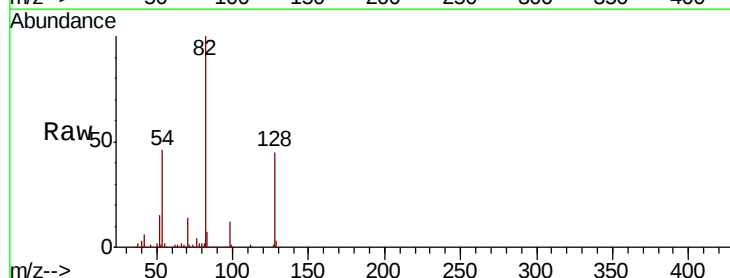
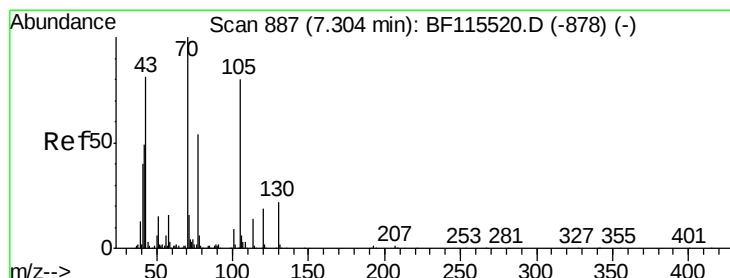
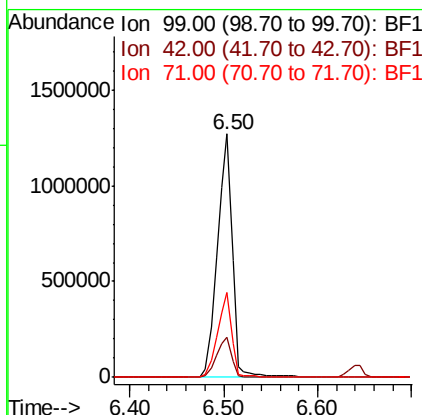




#7
Phenol-d6
Concen: 126.367 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF115783.D
Acq: 26 Jul 2019 12:50

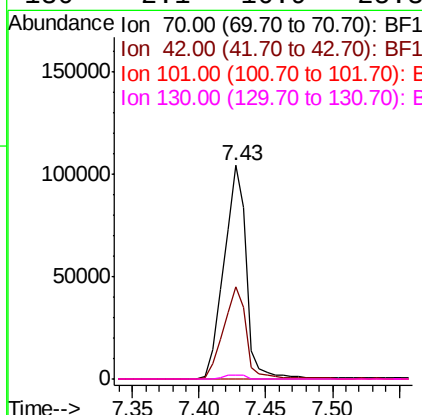
Instrument :
BNA_F
ClientSampleId :

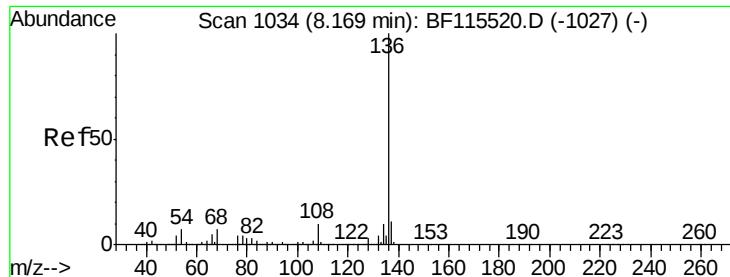
Tot Ion: 99 Resp: 1419997
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.6 26.7 40.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.957 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF115783.D
Acq: 26 Jul 2019 12:50

Tgt Ion: 70 Resp: 124272
Ion Ratio Lower Upper
70 100
42 43.1 41.8 62.8
101 0.0 7.6 11.4#
130 2.1 16.9 25.3#

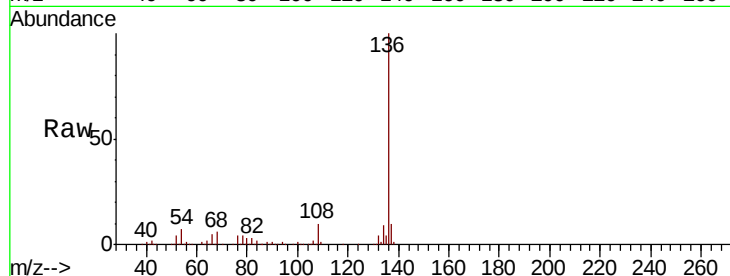




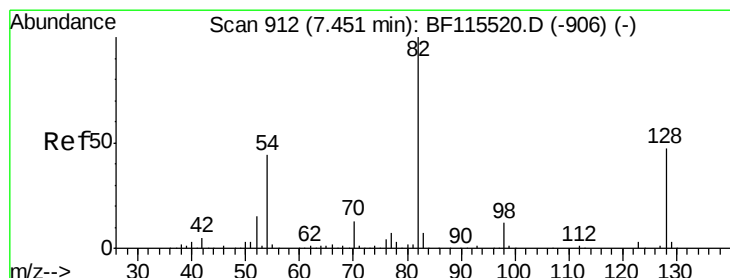
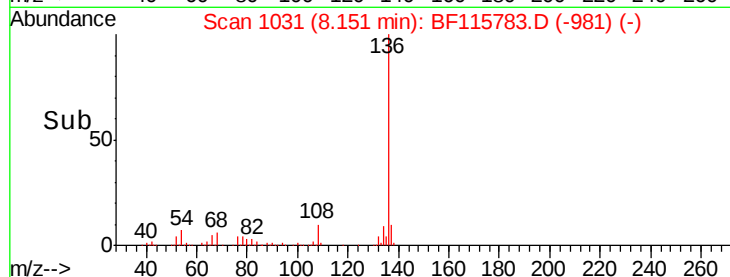
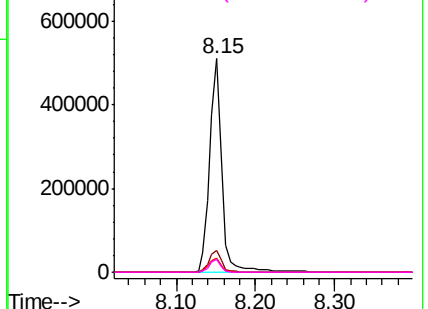
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115783.D
Acq: 26 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	549229	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	8.7	13.1	
54 6.6	5.0	7.6	
68 5.7	4.7	7.1	

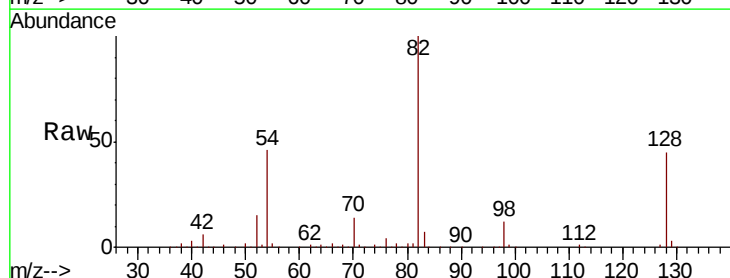


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

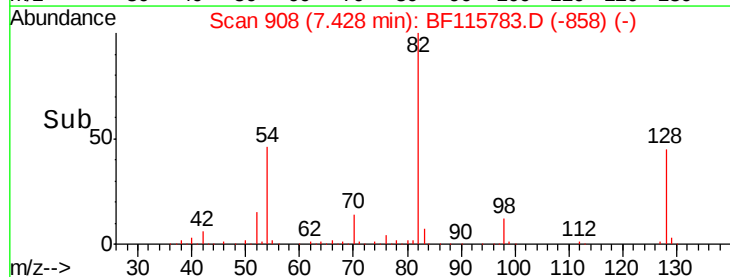
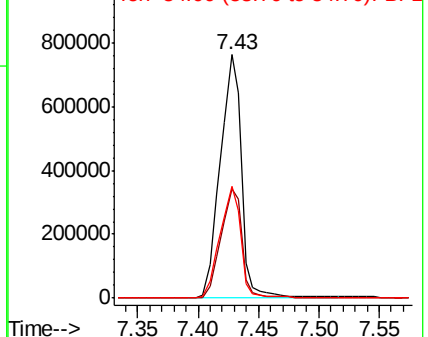


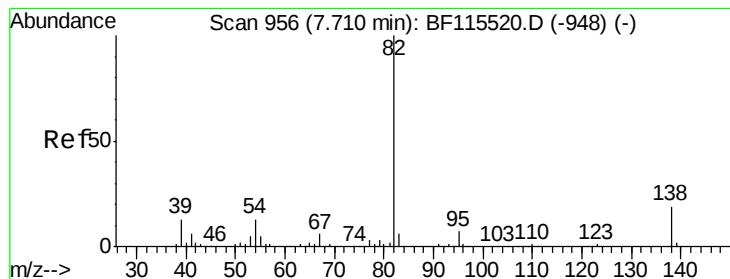
#23
Nitrobenzene-d5
Concen: 98.570 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115783.D
Acq: 26 Jul 2019 12:50

Tgt Ion: 82	Resp: 931053
Ion Ratio	Lower Upper
82 100	
128 44.8	36.6 55.0
54 45.7	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: 49.266 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

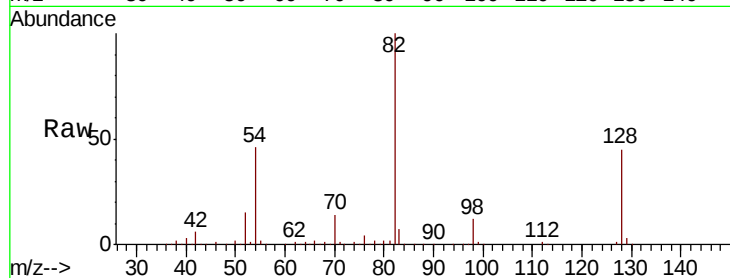
Tot Ion: 82 Resp: 931173

Ion Ratio Lower Upper

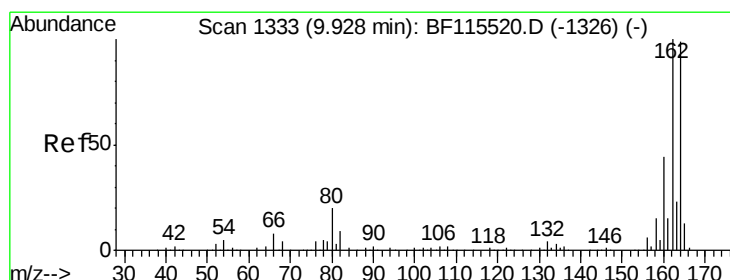
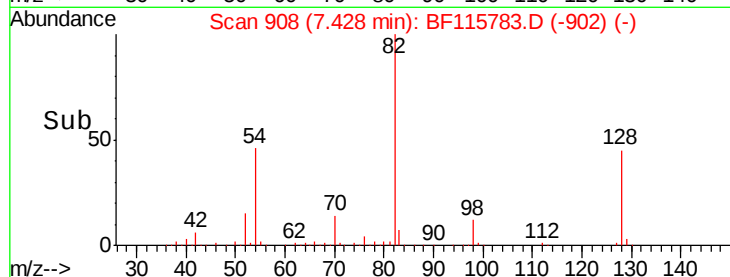
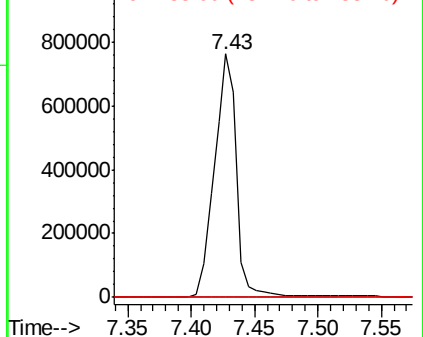
82 100

95 0.0 5.6 8.4#

138 0.0 14.2 21.4#



Abundance Ion 82.00 (81.70 to 82.70): 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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

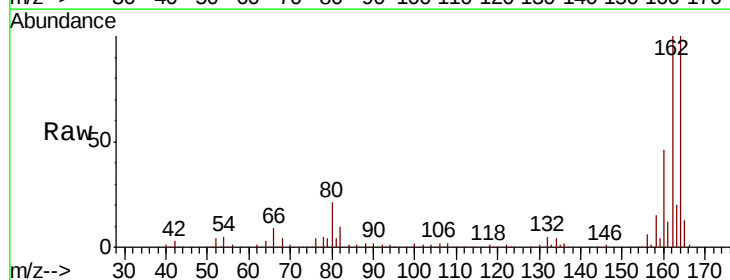
Tgt Ion:164 Resp: 297986

Ion Ratio Lower Upper

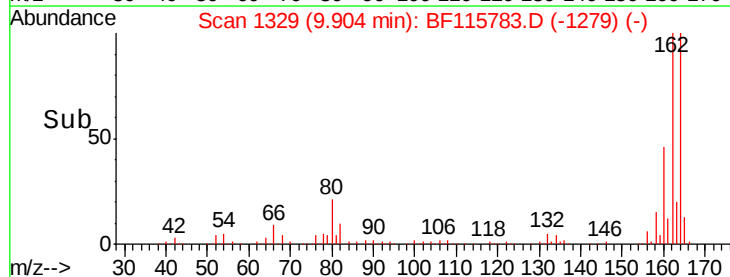
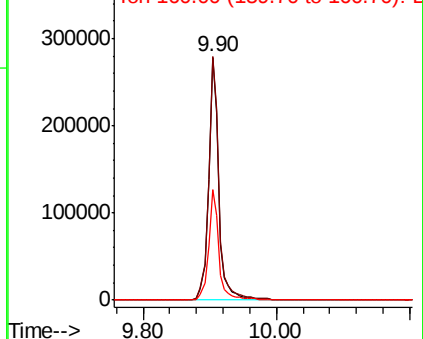
164 100

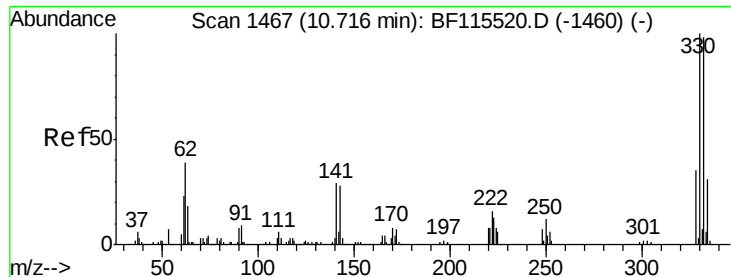
162 100.4 81.8 122.6

160 45.7 37.5 56.3



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

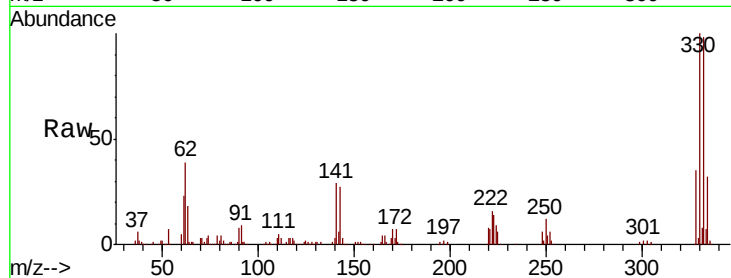




#42
 2,4,6-Tribromophenol
 Concen: 118.765 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF115783.D
 Acq: 26 Jul 2019 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	32.9	25.9	38.9

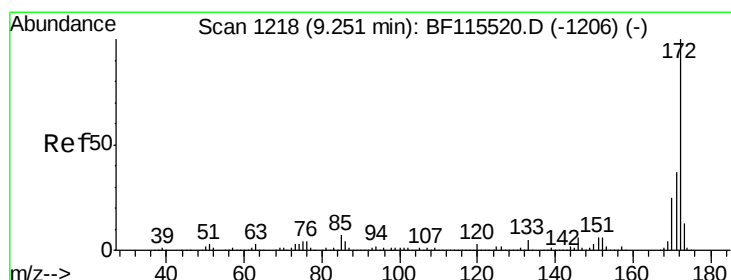
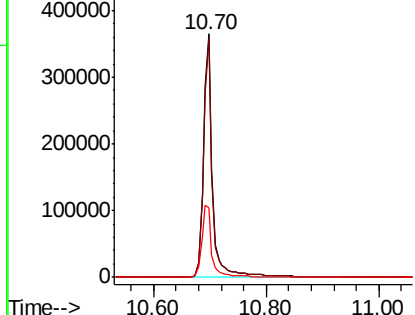
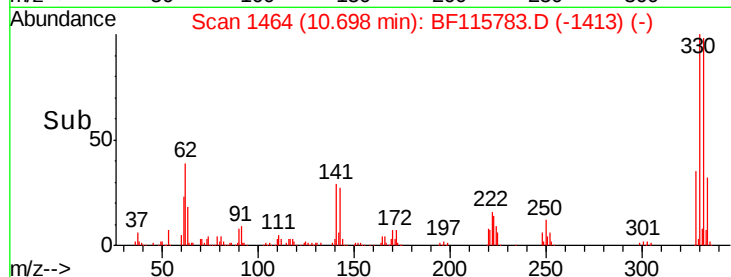


Abundance

Ion 329.80 (329.50 to 330.50): E

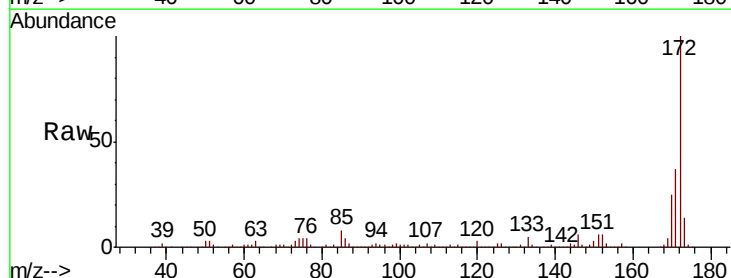
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.113 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115783.D
 Acq: 26 Jul 2019 12:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	25.3	20.1	30.1

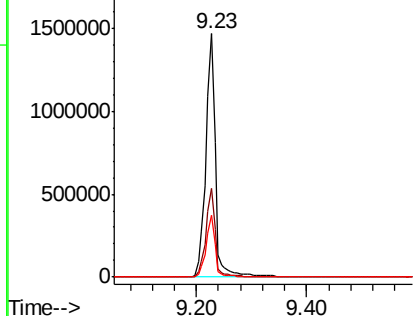
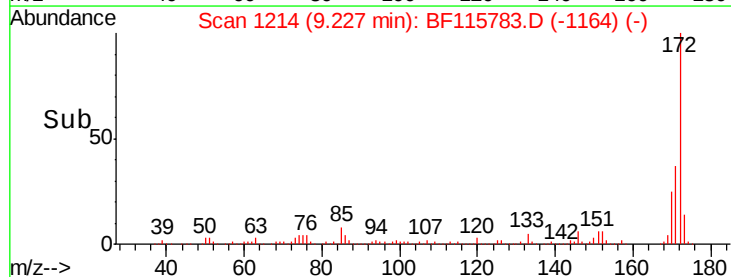


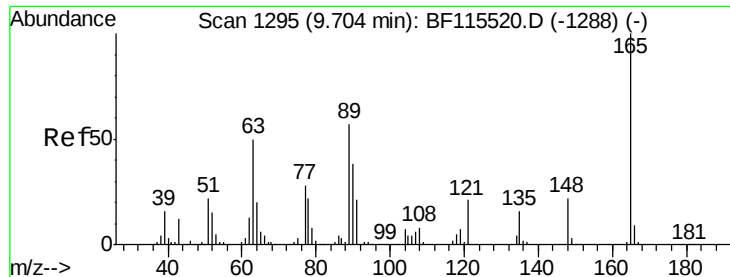
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 7.264 ng

RT: 9.90 min Scan# 1329

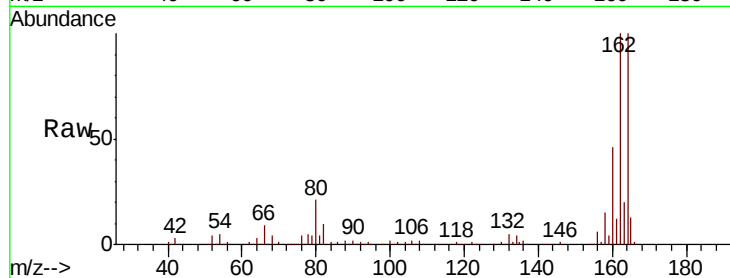
Delta R.T. 0.21 min

Lab File: BF115783.D

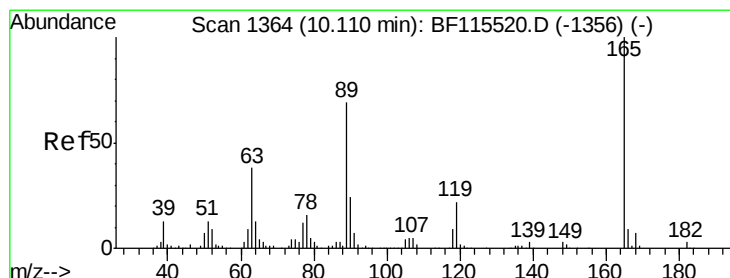
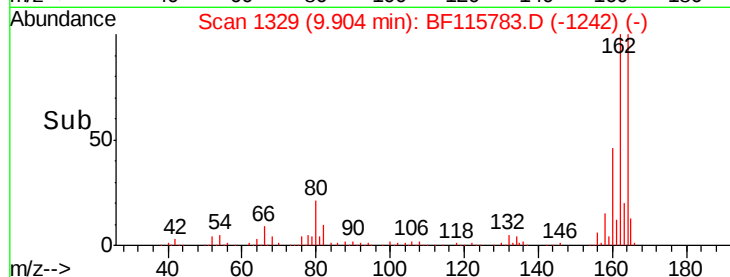
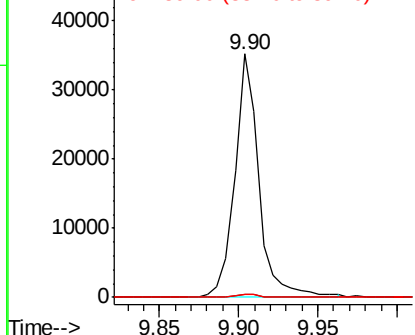
Acq: 26 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	37008
Ion Ratio	Lower	Upper
165 100		
63 1.1	43.5	65.3#
89 1.3	46.3	69.5#



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: 5.623 ng

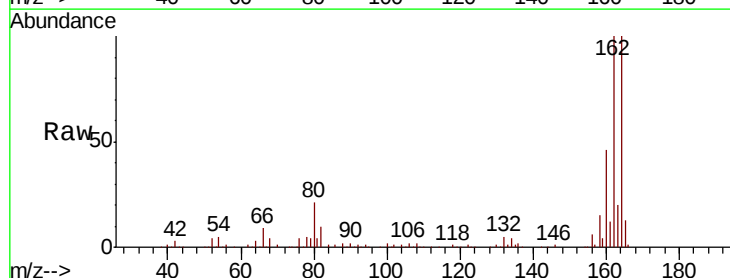
RT: 9.90 min Scan# 1329

Delta R.T. -0.19 min

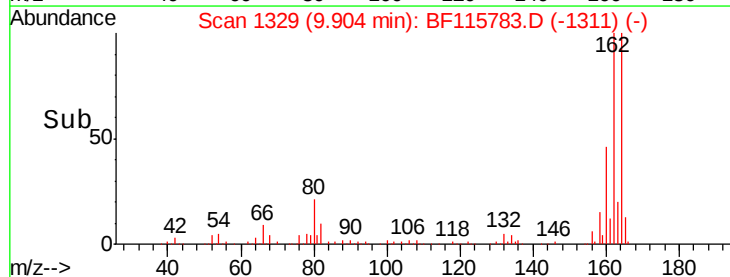
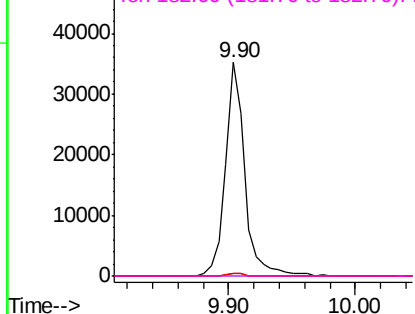
Lab File: BF115783.D

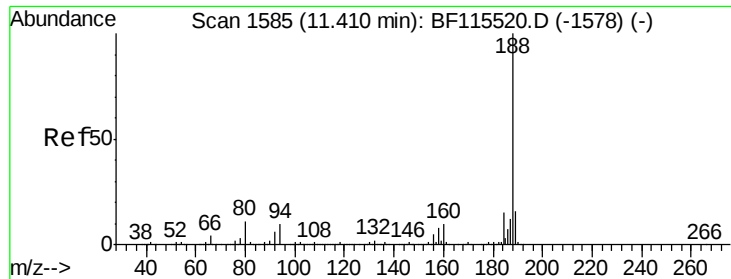
Acq: 26 Jul 2019 12:50

Tgt Ion:165	Resp:	37116
Ion Ratio	Lower	Upper
165 100		
63 1.1	33.4	50.2#
89 1.3	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: BF115783.D

Acq: 26 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

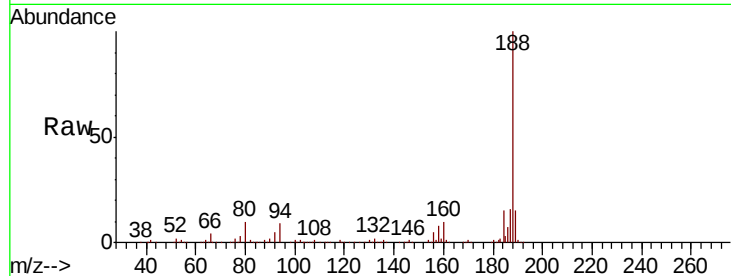
Tot Ion:188 Resp: 526671

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

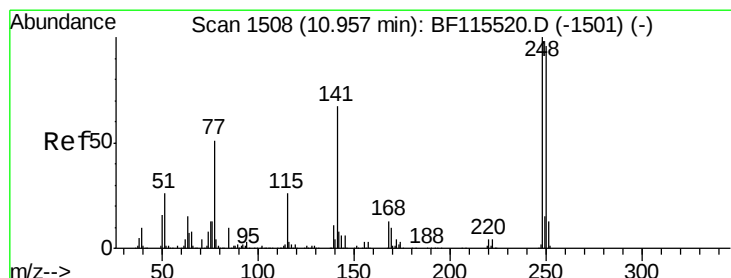
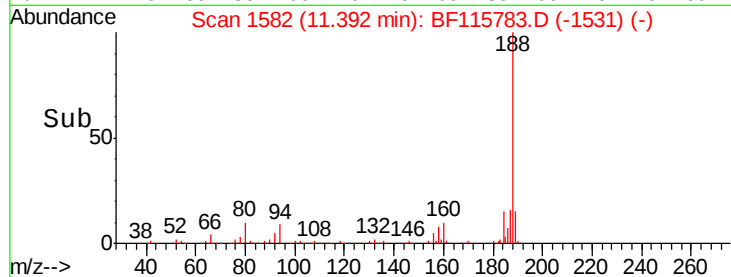
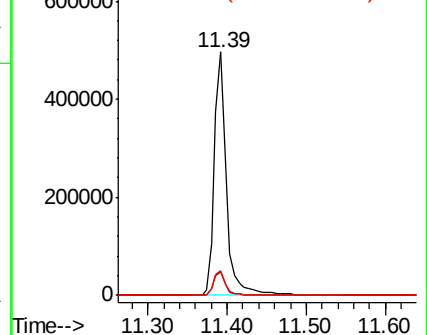
80 10.4 9.0 13.6



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: 4.077 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

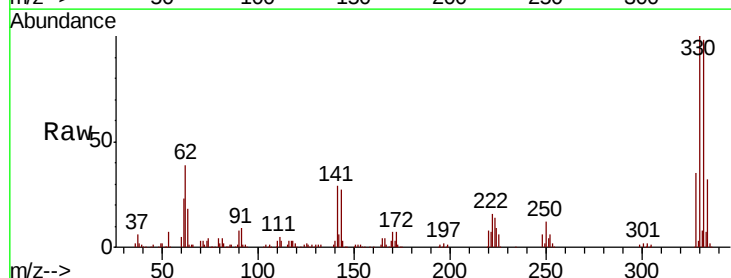
Tgt Ion:248 Resp: 24539

Ion Ratio Lower Upper

248 100

250 198.9 77.0 115.4#

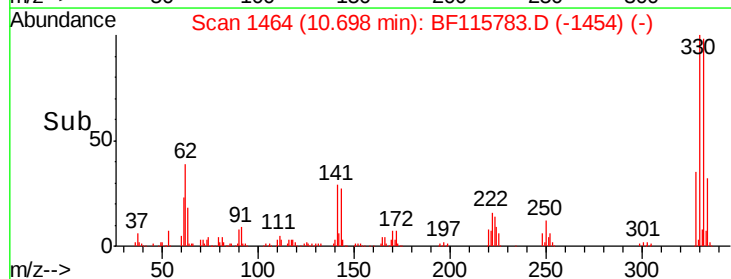
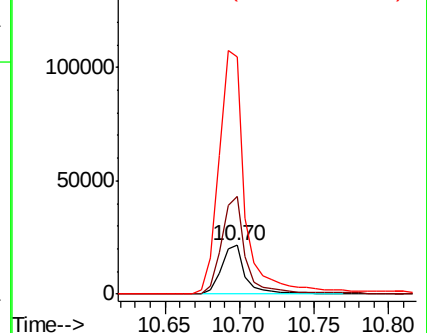
141 484.0 52.1 78.1#

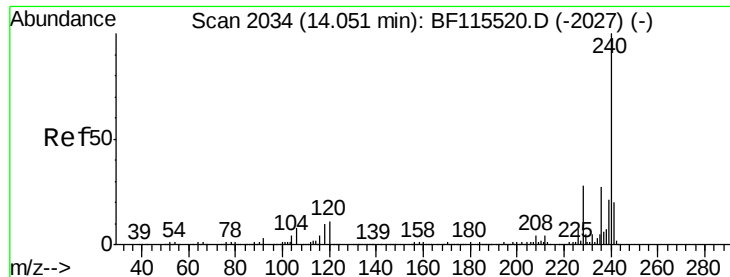


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

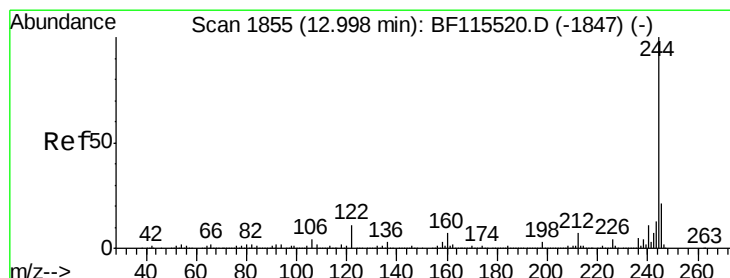
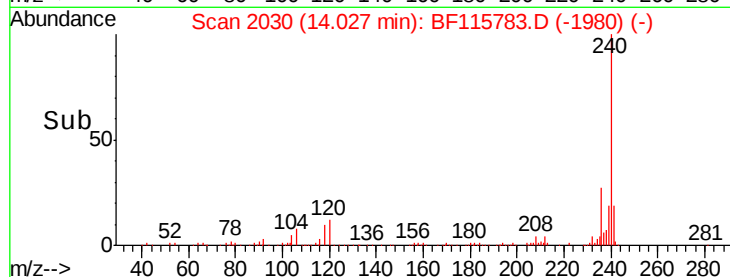
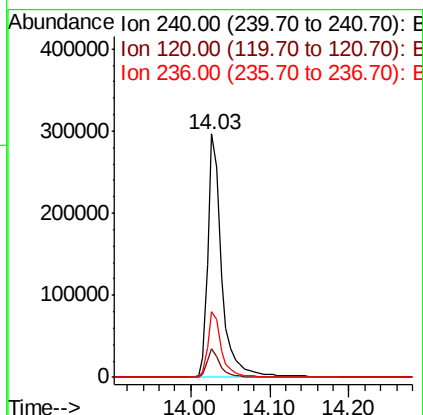
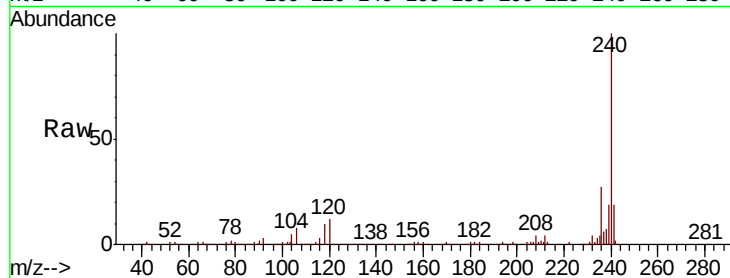




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115783.D
 Acq: 26 Jul 2019 12:50

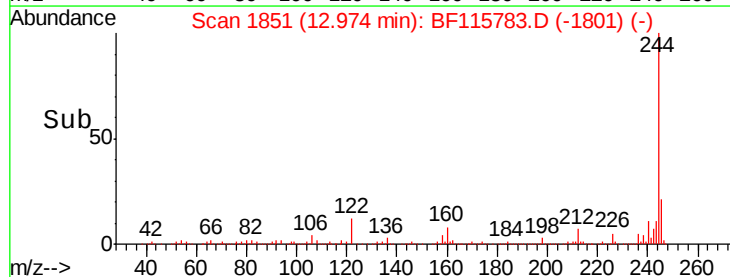
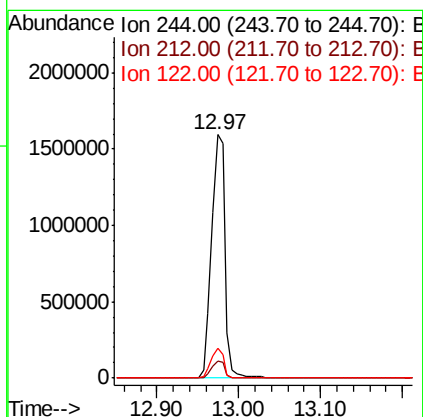
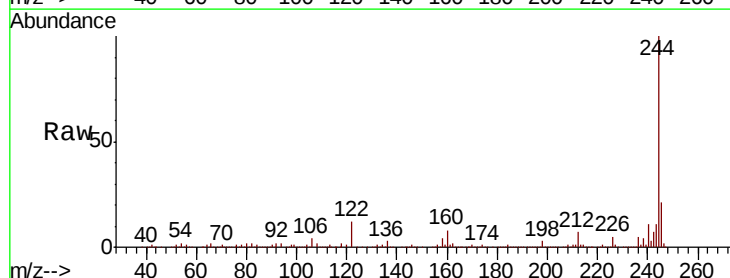
Instrument :
 BNA_F
 ClientSampleId :

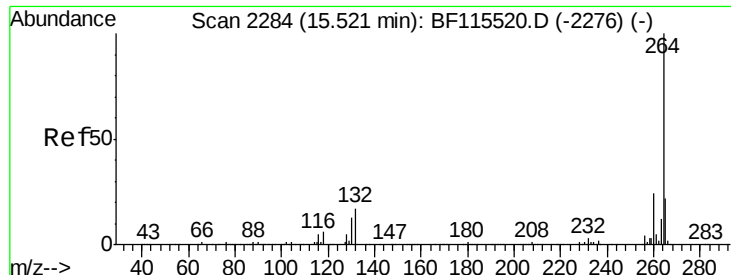
Tot Ion:240 Resp: 361870
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.0 15.0
 236 26.7 21.8 32.6



#79
 Terphenyl-d14
 Concen: 93.530 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115783.D
 Acq: 26 Jul 2019 12:50

Tgt Ion:244 Resp: 1834283
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 12.3 8.2 12.4

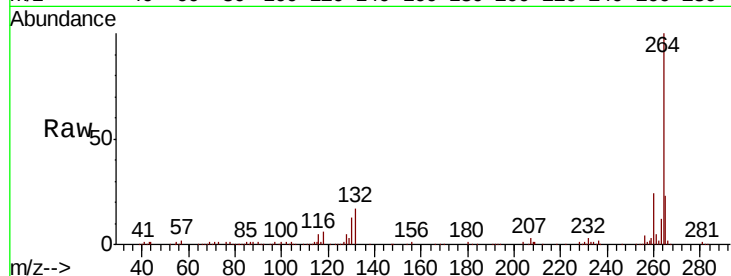




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115783.D
Acq: 26 Jul 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	22.7	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

