

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115785.D
 Acq On : 26 Jul 2019 13:43
 Operator : HP/JU
 Sample : PB121741BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 17:59:32 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

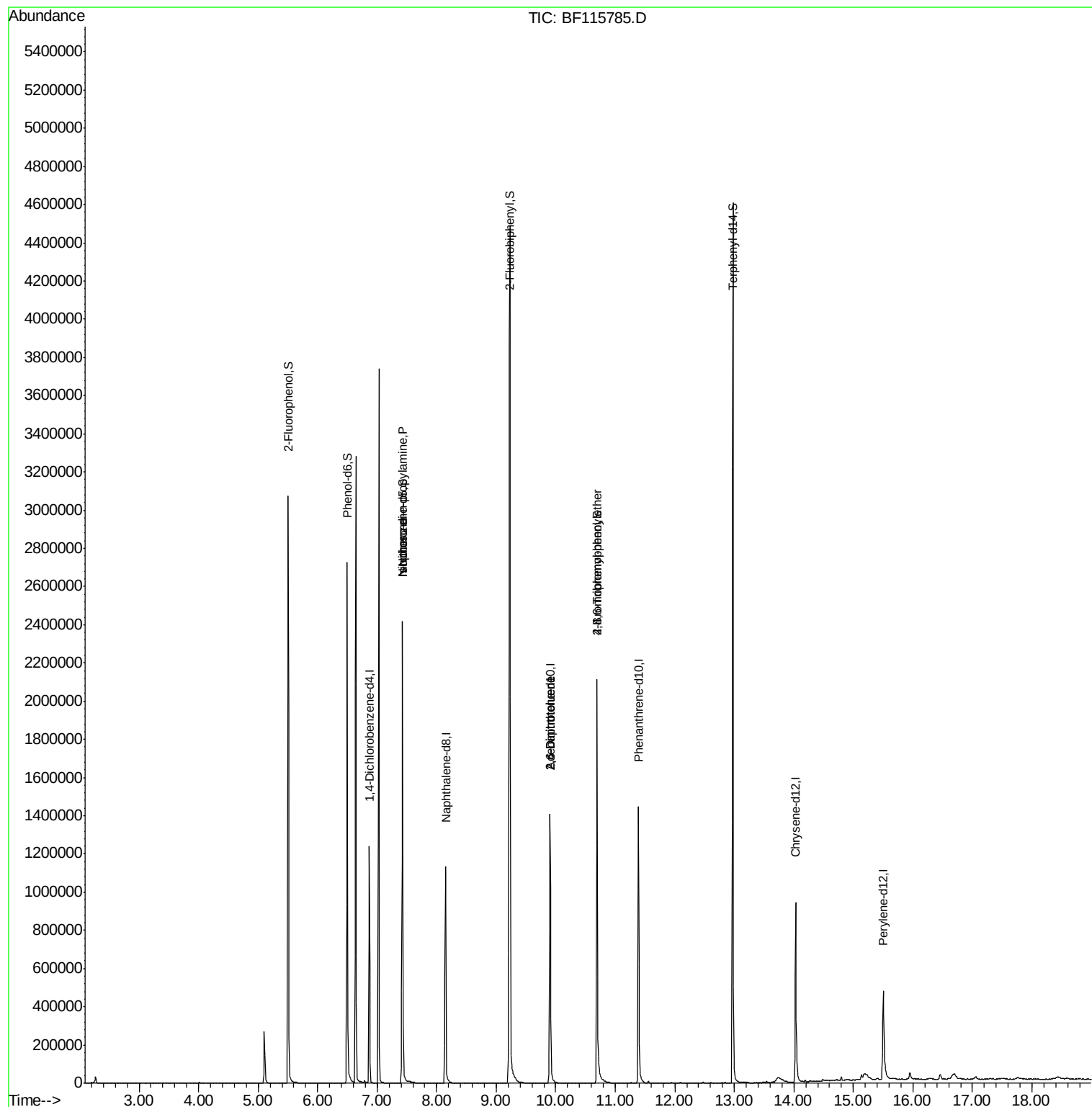
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170721	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	672178	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	369835	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	646144	20.00	ng	0.00
76) Chrysene-d12	14.03	240	403887	20.00	ng	0.00
87) Perylene-d12	15.50	264	348548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	893859	85.64	ng	0.01
7) Phenol-d6	6.50	99	1120403	84.60	ng	0.00
23) Nitrobenzene-d5	7.43	82	1068698	92.45	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	328462	76.09	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1981684	93.79	ng	0.00
79) Terphenyl-d14	12.97	244	1849717	84.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	144438	16.723	ng	# 78
25) Isophorone	7.43	82	1060843	45.861	ng	# 65
51) 2,6-Dinitrotoluene	9.90	165	46761	7.395	ng	# 25
57) 2,4-Dinitrotoluene	9.90	165	46864	5.720	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	19647	2.661	ng	# 1

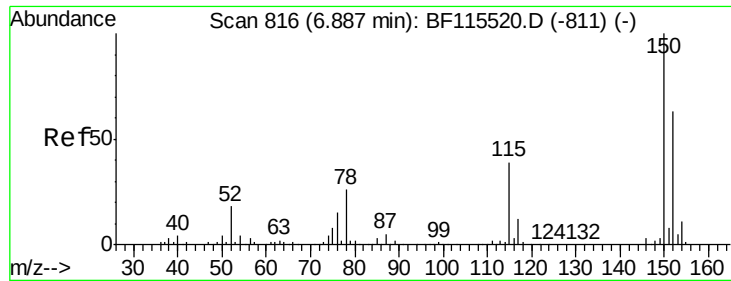
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jul 26 17:59:32 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



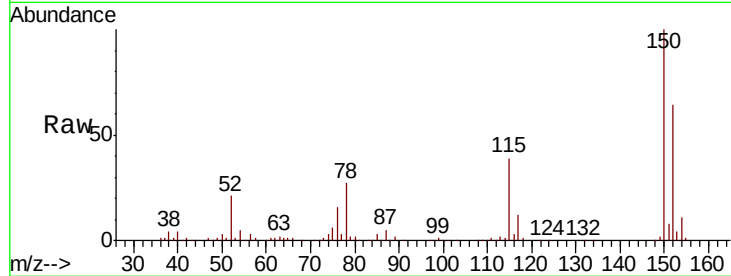


#1

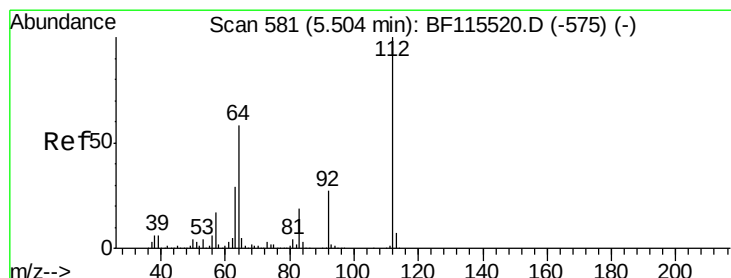
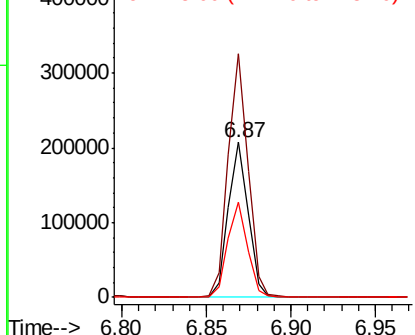
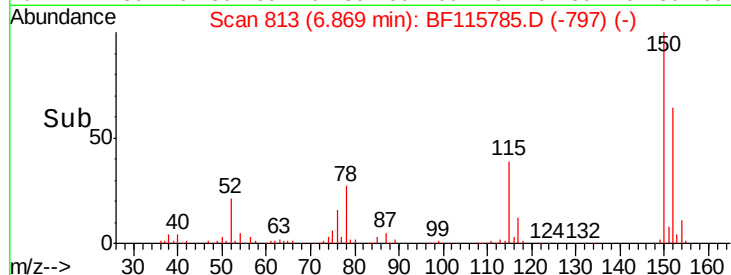
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115785.D
Acq: 26 Jul 2019 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170721
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 61.5 47.8 71.6



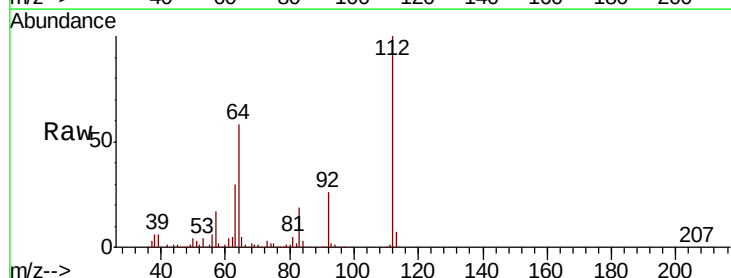
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



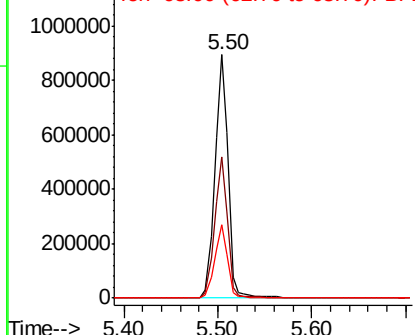
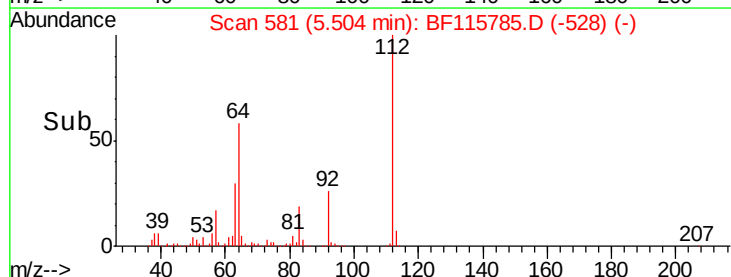
#5

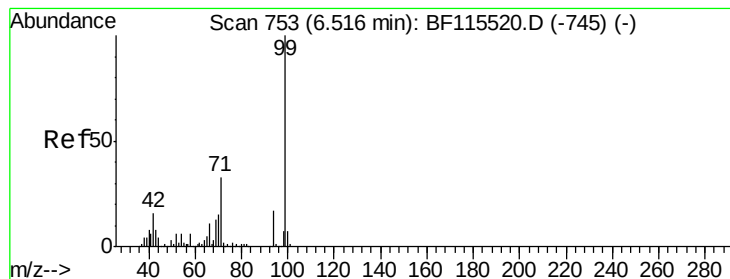
2-Fluorophenol
Concen: 85.642 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF115785.D
Acq: 26 Jul 2019 13:43

Tgt Ion:112 Resp: 893859
Ion Ratio Lower Upper
112 100
64 58.1 45.8 68.8
63 30.1 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: 84.600 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115785.D

Acq: 26 Jul 2019 13:43

Instrument :

BNA_F

ClientSampleId :

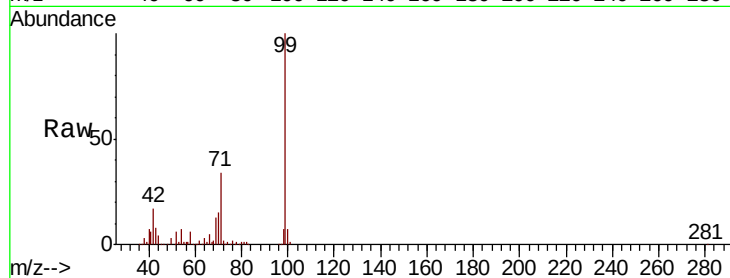
Tot Ion: 99 Resp: 1120403

Ion Ratio Lower Upper

99 100

42 17.2 13.4 20.2

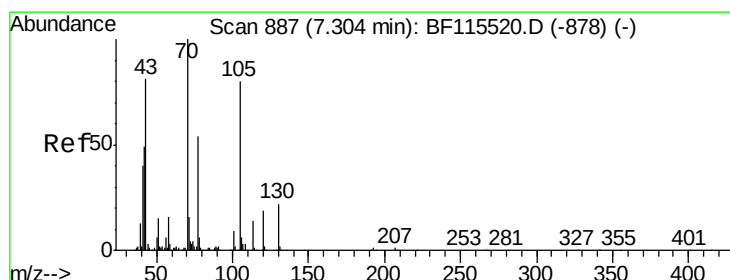
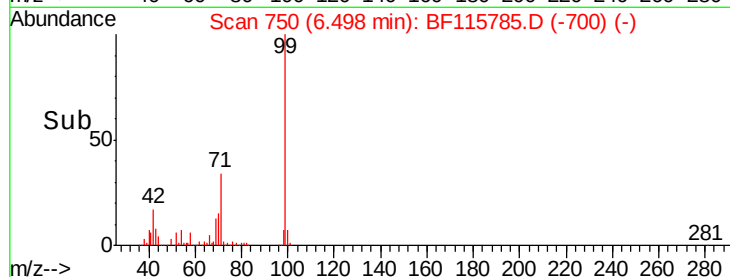
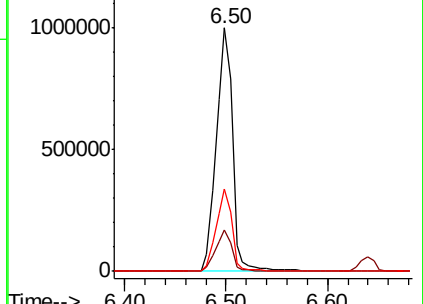
71 33.9 26.7 40.1



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: 16.723 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115785.D

Acq: 26 Jul 2019 13:43

Tgt Ion: 70 Resp: 144438

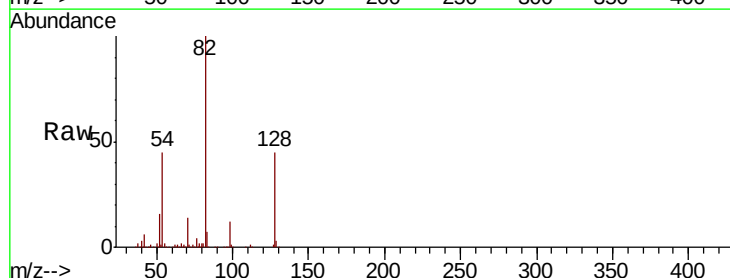
Ion Ratio Lower Upper

70 100

42 42.4 41.8 62.8

101 0.0 7.6 11.4#

130 1.9 16.9 25.3#

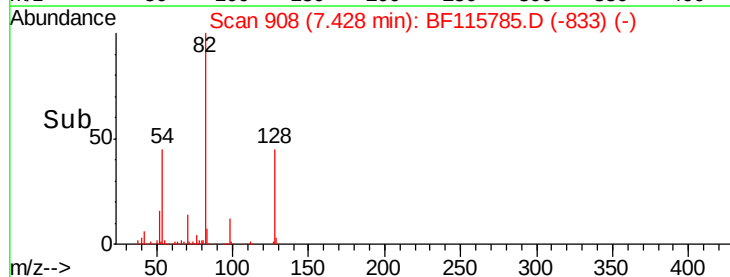
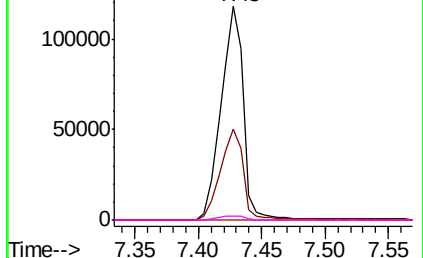


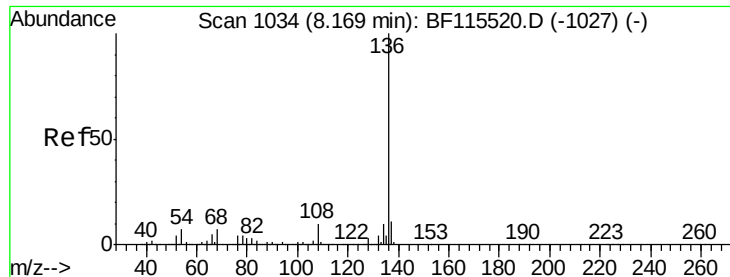
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

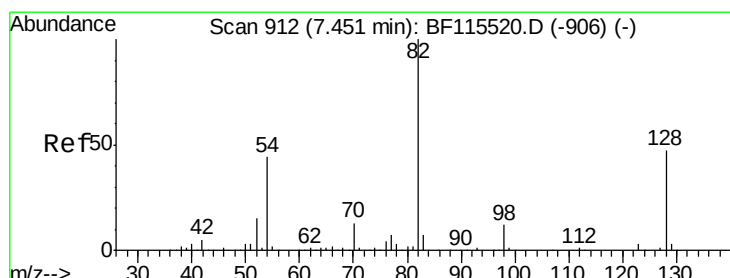
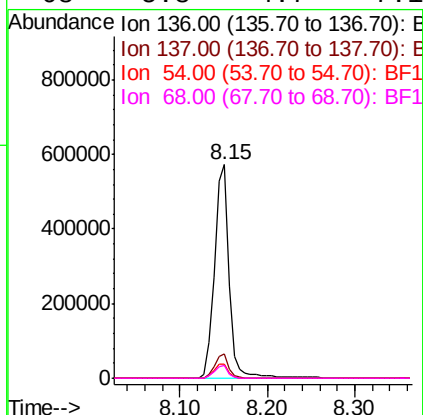
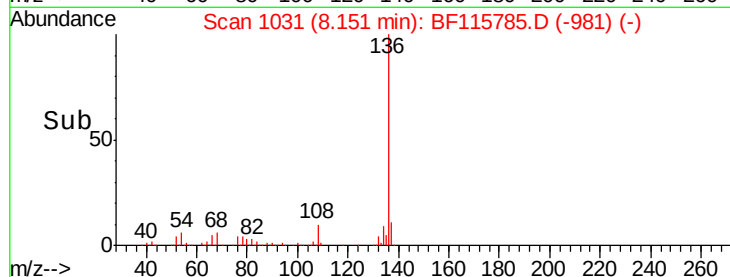
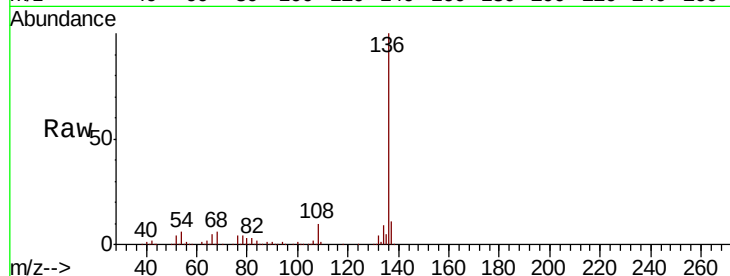




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115785.D
Acq: 26 Jul 2019 13:43

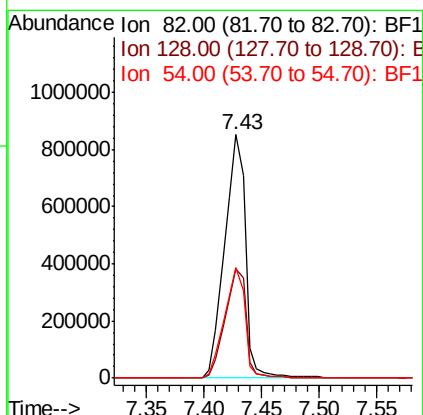
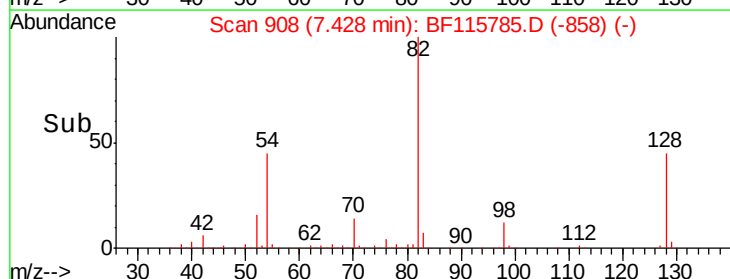
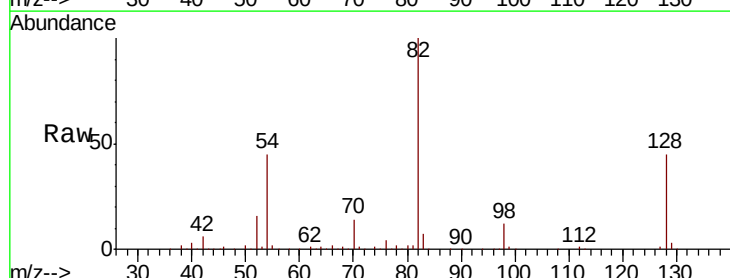
Instrument :
BNA_F
ClientSampleId :

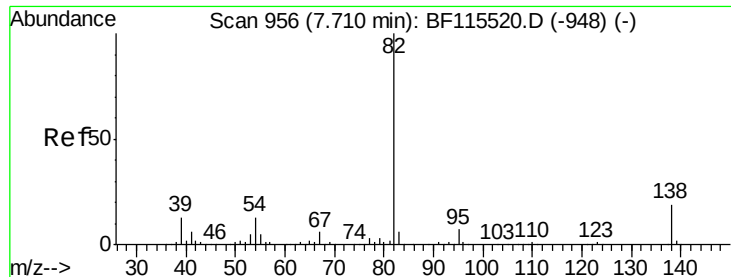
Tot Ion:136	Resp: 672178
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 6.5	5.0 7.6
68 5.8	4.7 7.1



#23
Nitrobenzene-d5
Concen: 92.447 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115785.D
Acq: 26 Jul 2019 13:43

Tgt Ion: 82	Resp: 1068698
Ion Ratio	Lower Upper
82 100	
128 44.9	36.6 55.0
54 45.4	36.6 54.8





#25

Isophorone

Concen: 45.861 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115785.D

Acq: 26 Jul 2019 13:43

Instrument :

BNA_F

ClientSampleId :

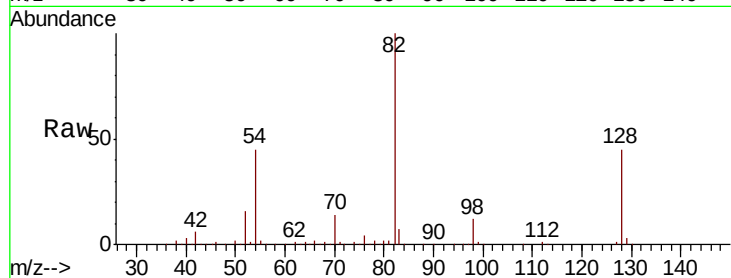
Tot Ion: 82 Resp: 1060843

Ion Ratio Lower Upper

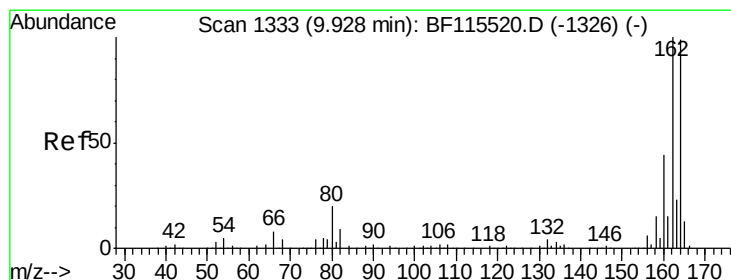
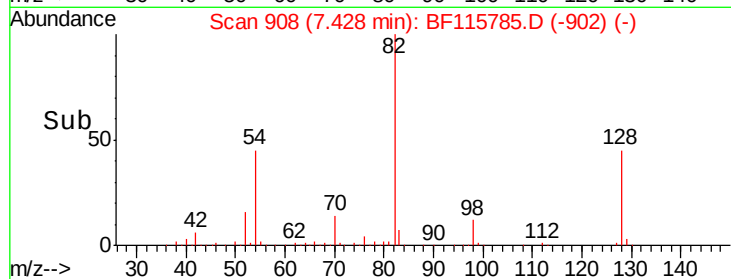
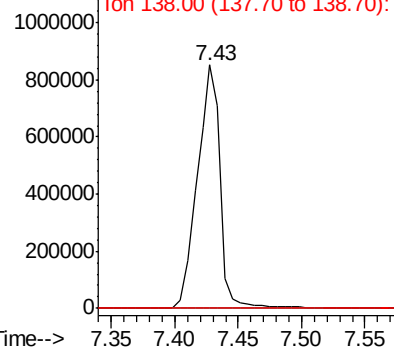
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115785.D

Acq: 26 Jul 2019 13:43

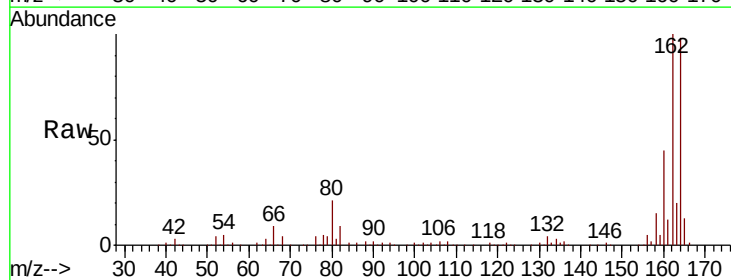
Tgt Ion: 164 Resp: 369835

Ion Ratio Lower Upper

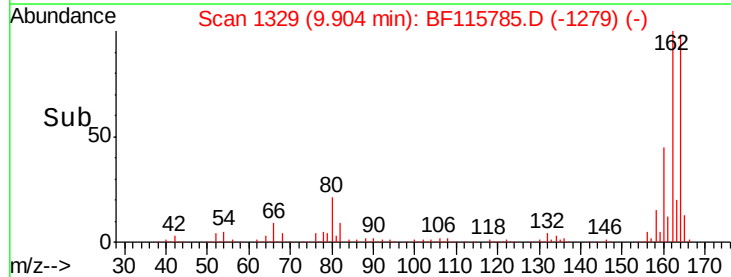
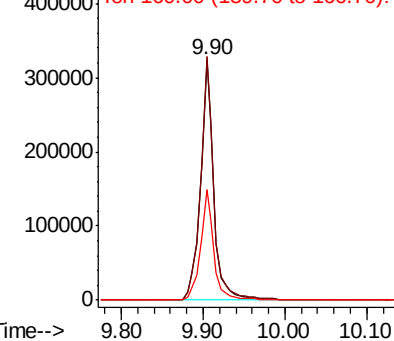
164 100

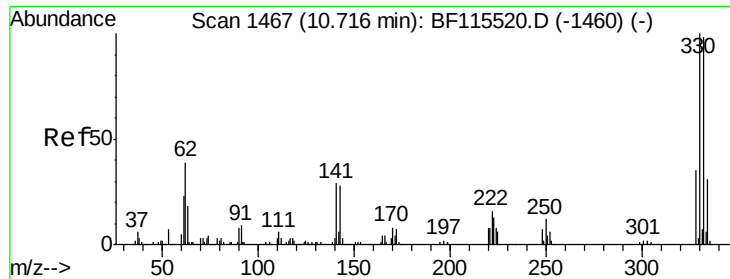
162 101.5 81.8 122.6

160 45.9 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

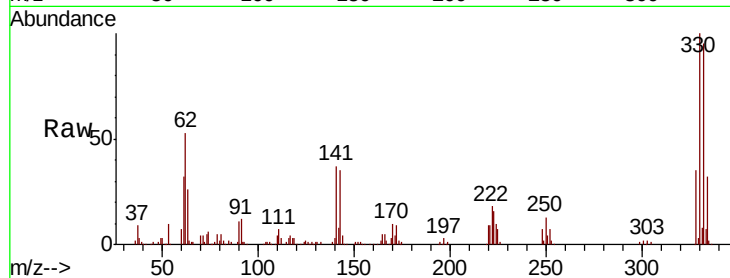




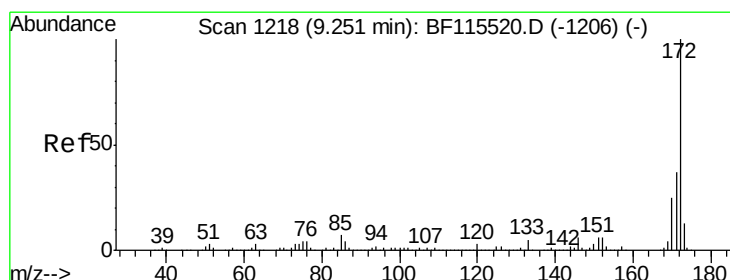
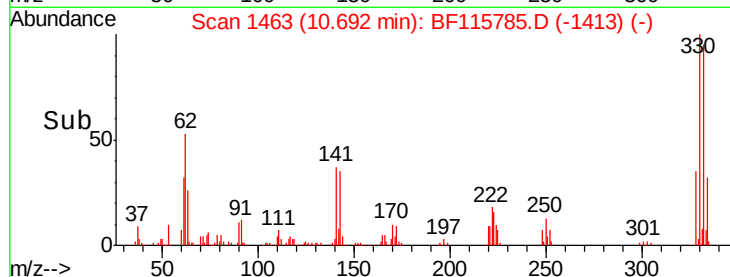
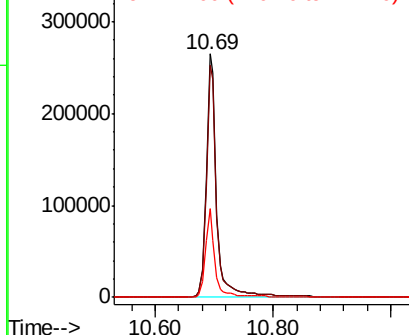
#42
 2,4,6-Tribromophenol
 Concen: 76.088 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.1	114.1
141	34.0	25.9	38.9

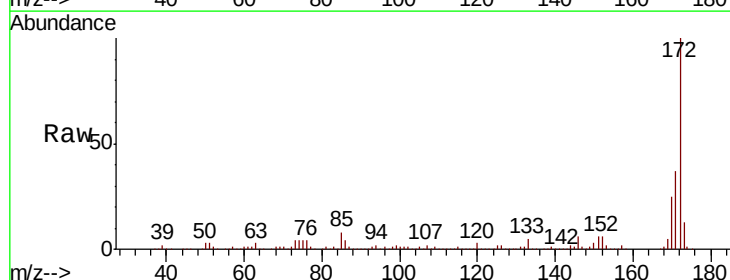


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

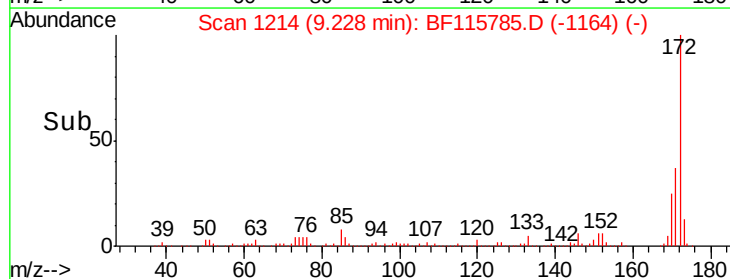
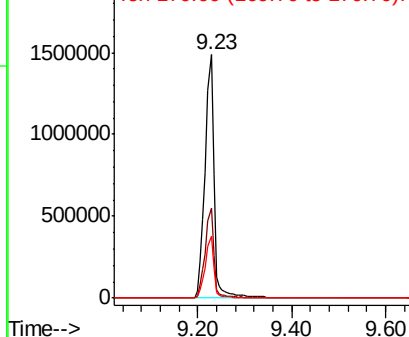


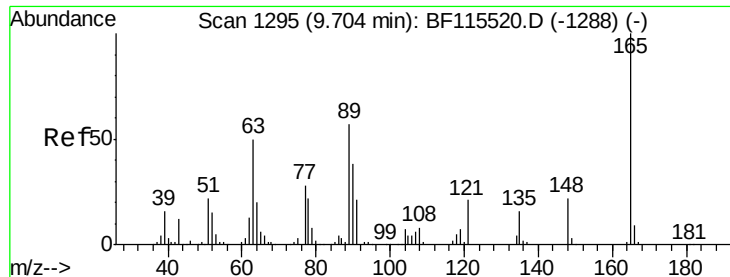
#45
 2-Fluorobiphenyl
 Concen: 93.785 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	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

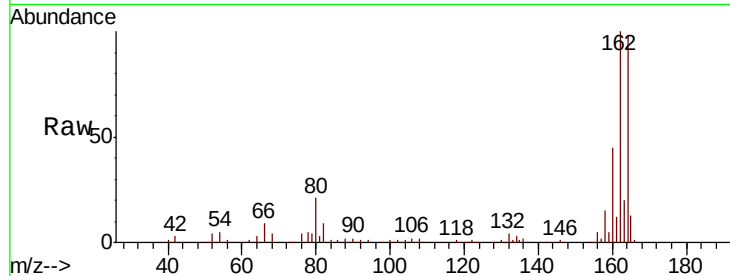




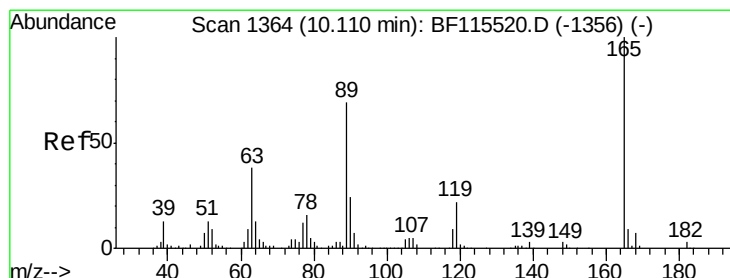
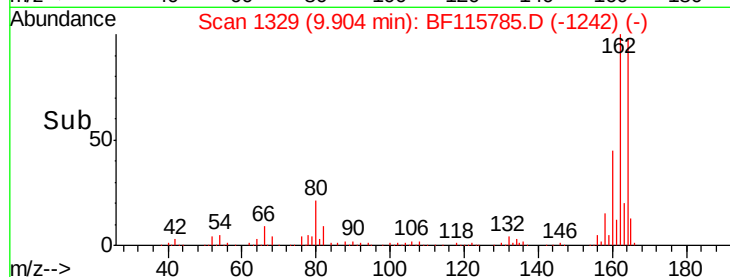
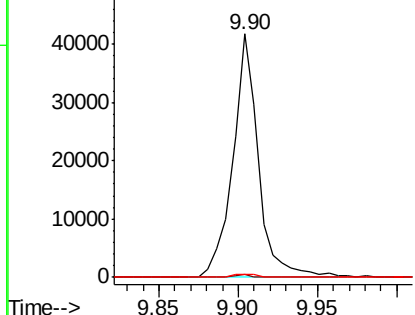
#51
 2,6-Dinitrotoluene
 Concen: 7.395 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.21 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.5	65.3#
89	1.2	46.3	69.5#

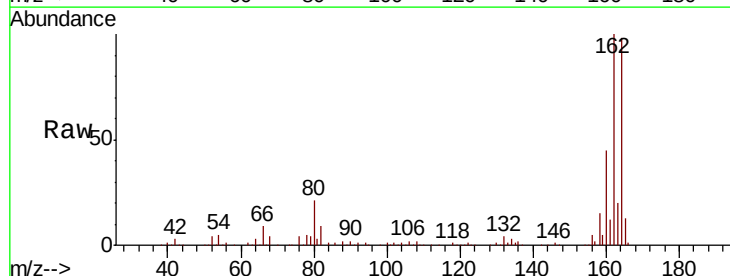


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

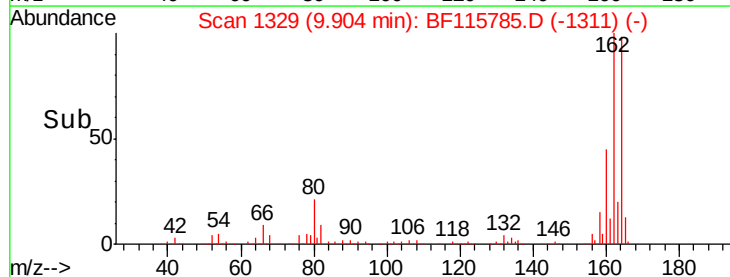
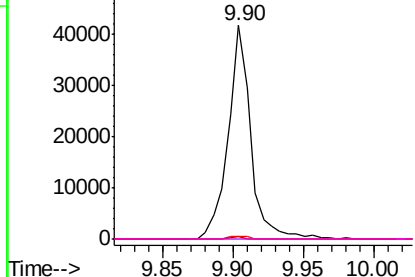


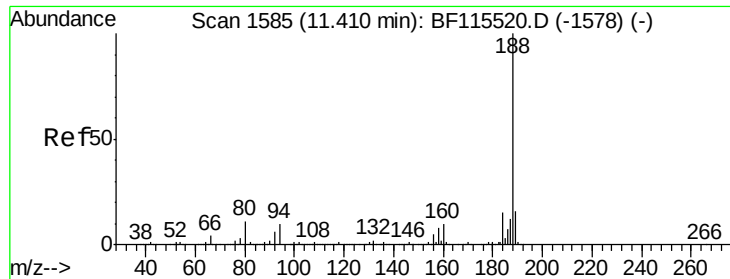
#57
 2,4-Dinitrotoluene
 Concen: 5.720 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.19 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.4	50.2#
89	1.2	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: BF115785.D

Acq: 26 Jul 2019 13:43

Instrument :

BNA_F

ClientSampleId :

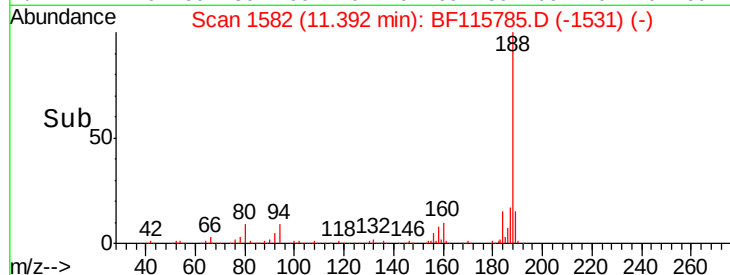
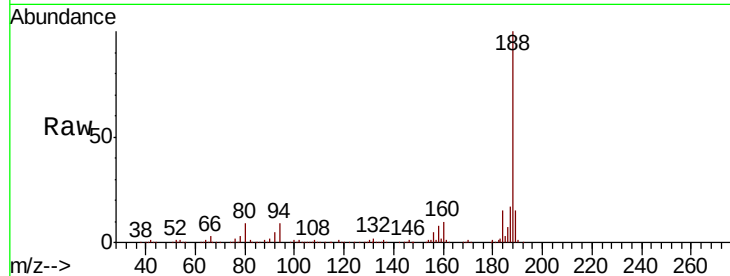
Tot Ion:188 Resp: 646144

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

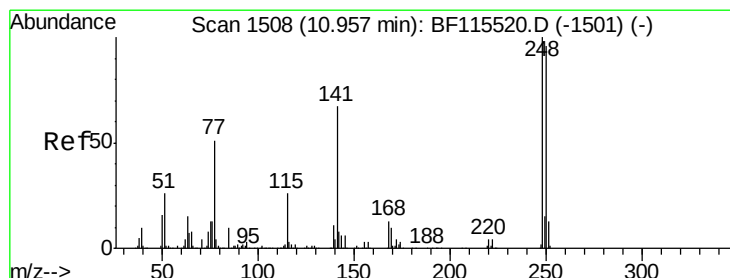
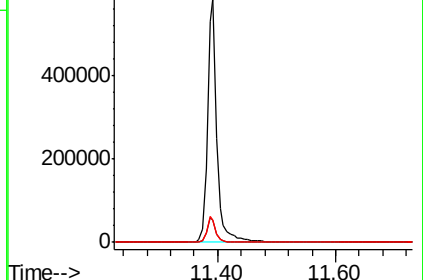
80 9.3 9.0 13.6



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: 2.661 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.25 min

Lab File: BF115785.D

Acq: 26 Jul 2019 13:43

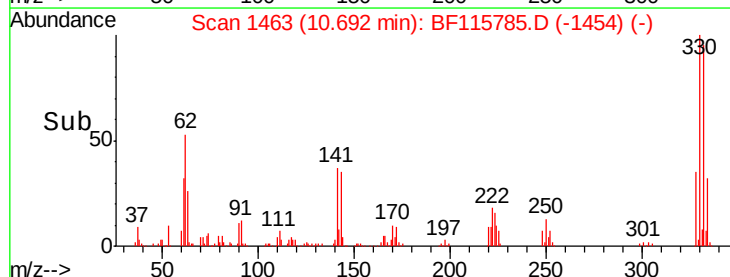
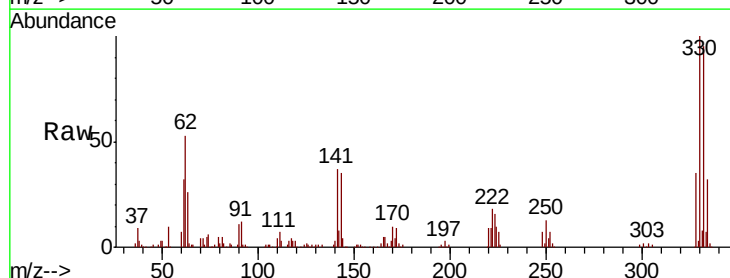
Tgt Ion:248 Resp: 19647

Ion Ratio Lower Upper

248 100

250 197.0 77.0 115.4#

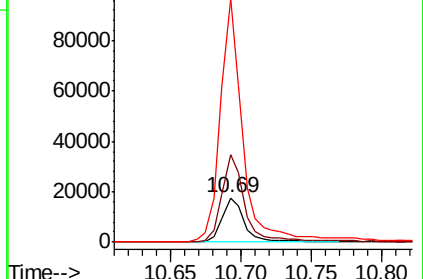
141 550.3 52.1 78.1#

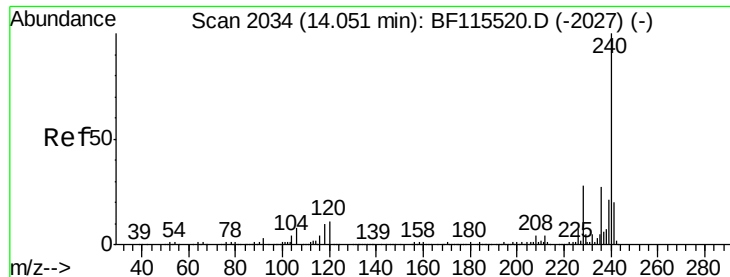


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

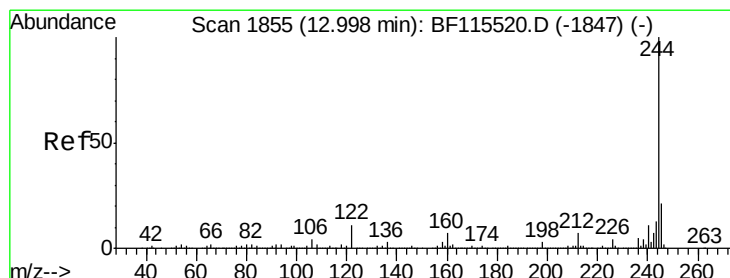
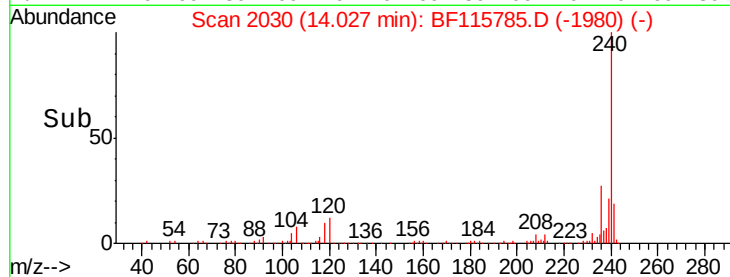
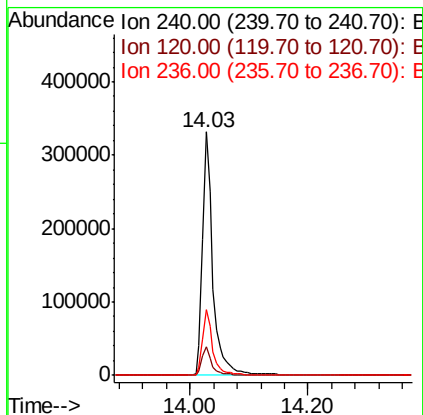
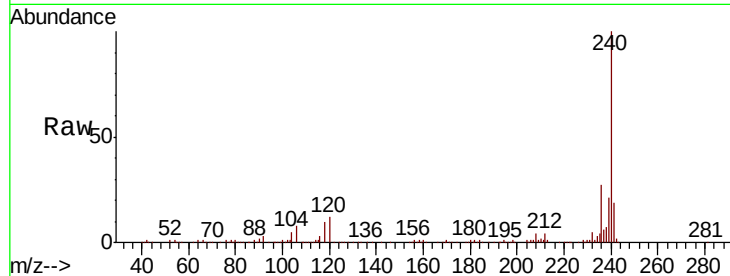




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

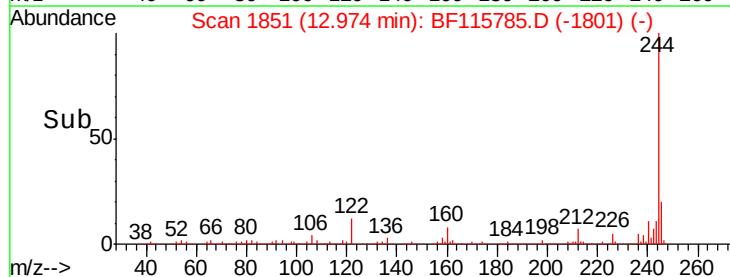
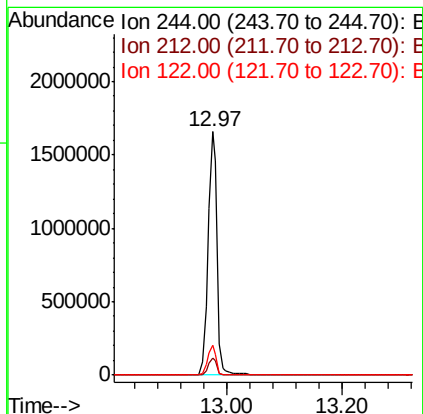
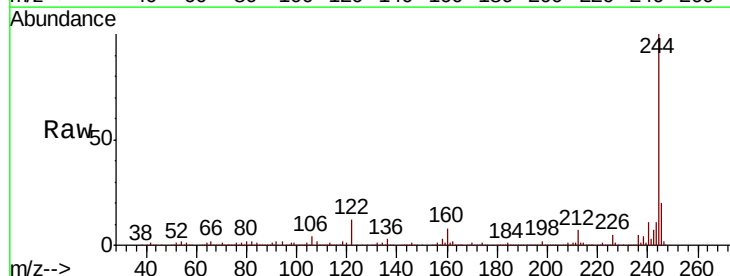
Instrument :
 BNA_F
 ClientSampleId :

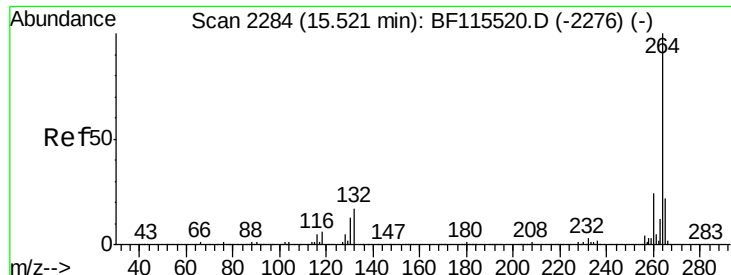
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.0	15.0
236	27.0	21.8	32.6



#79
 Terphenyl-d14
 Concen: 84.505 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	12.0	8.2	12.4

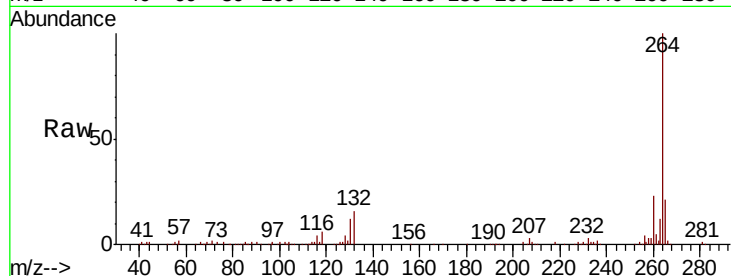




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	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

