

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115746.D
 Acq On : 24 Jul 2019 11:37
 Operator : HP/JU
 Sample : PB121660TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:33:32 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

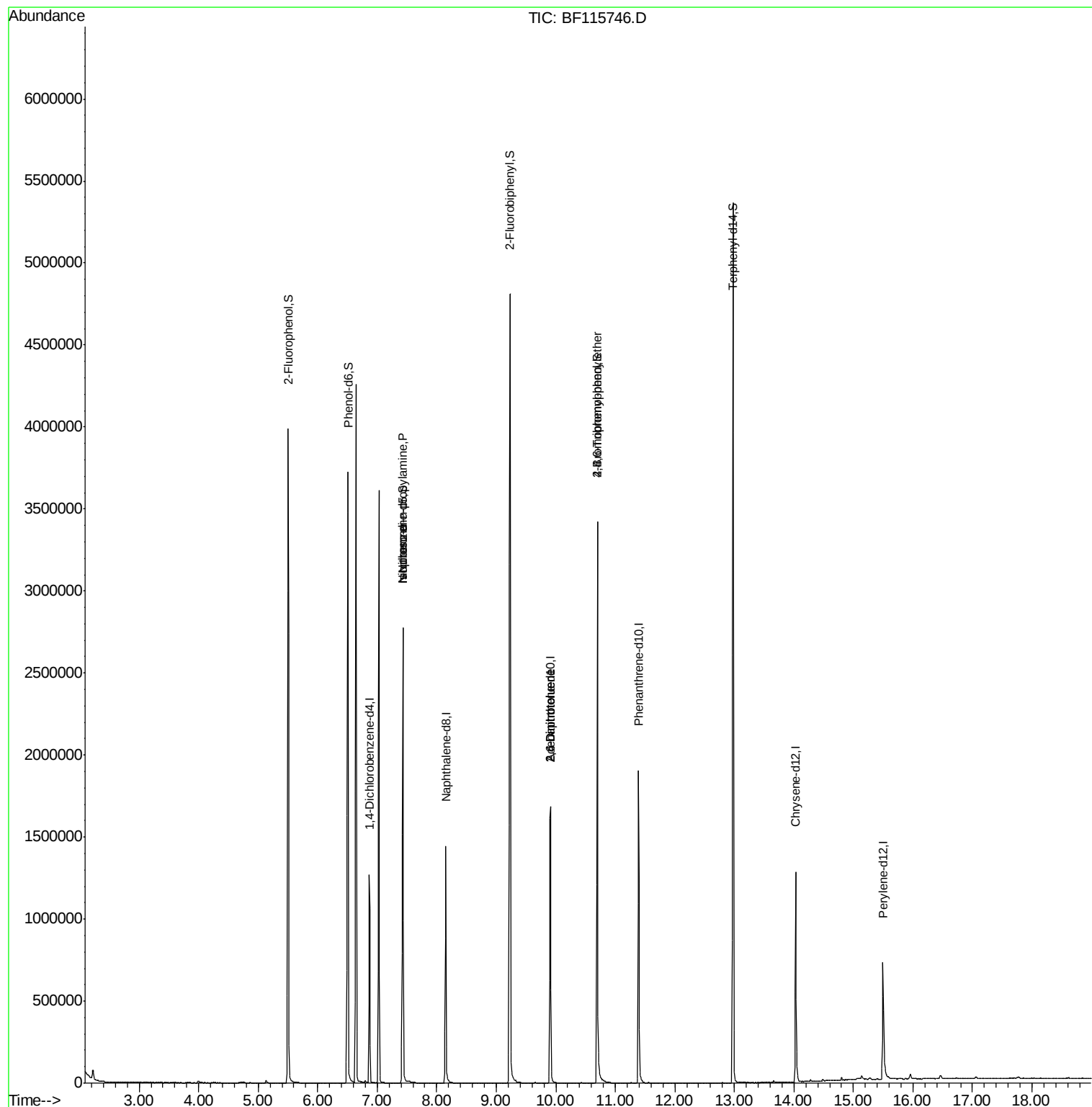
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	184053	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	729040	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	407686	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	734298	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	516433	20.00	ng	-0.02
87) Perylene-d12	15.50	264	460326	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1297304	115.29	ng	0.00
7) Phenol-d6	6.51	99	1694777	118.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	1105547	88.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	531357	111.66	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	2002804	85.98	ng	-0.02
79) Terphenyl-d14	12.98	244	2291420	81.87	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	150097	16.119	ng	# 79
25) Isophorone	7.43	82	1084515	43.227	ng	# 64
51) 2,6-Dinitrotoluene	9.91	165	53052	7.611	ng	# 27
57) 2,4-Dinitrotoluene	9.91	165	53053	5.875	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	32033	3.817	ng	# 1

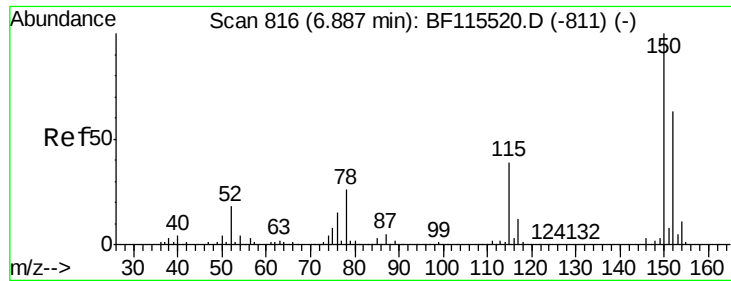
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
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Quant Time: Jul 24 16:33:32 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



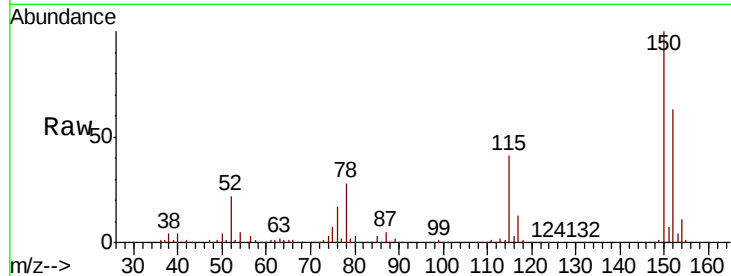


#1

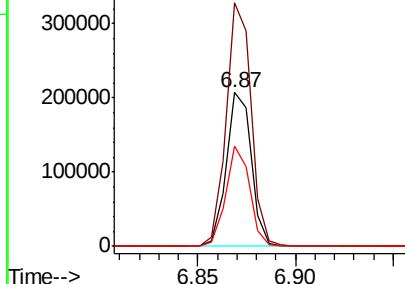
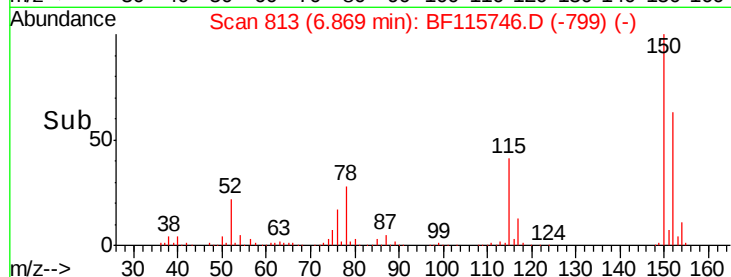
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115746.D
Acq: 24 Jul 2019 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 184053
Ion Ratio Lower Upper
152 100
150 158.4 129.7 194.5
115 65.1 48.2 72.4



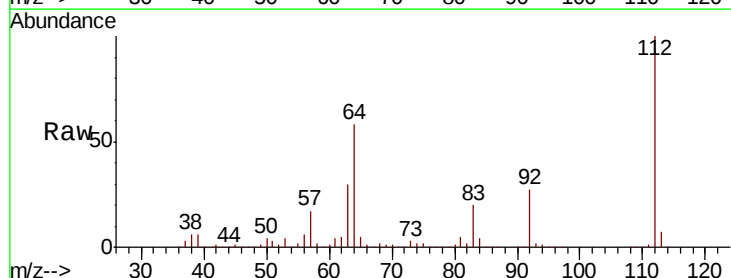
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



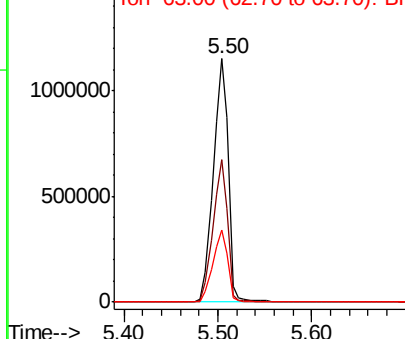
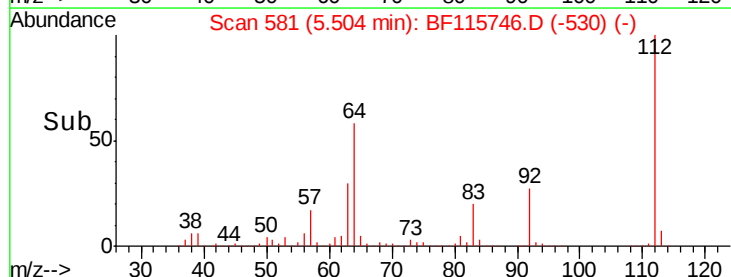
#5

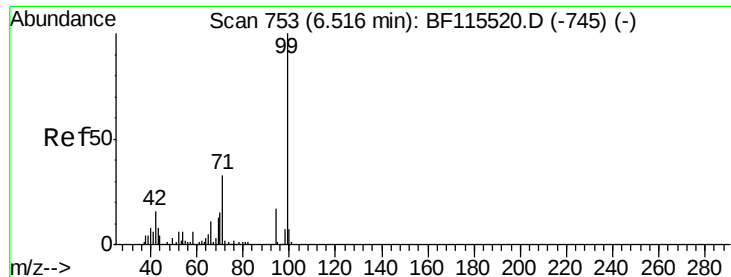
2-Fluorophenol
Concen: 115.294 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF115746.D
Acq: 24 Jul 2019 11:37

Tgt Ion:112 Resp: 1297304
Ion Ratio Lower Upper
112 100
64 58.3 46.8 70.2
63 29.8 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: 118.701 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

Instrument :

BNA_F

ClientSampleId :

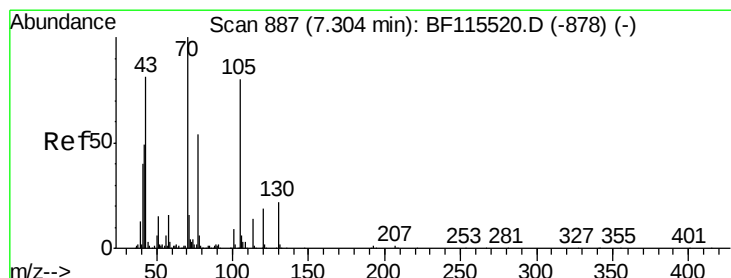
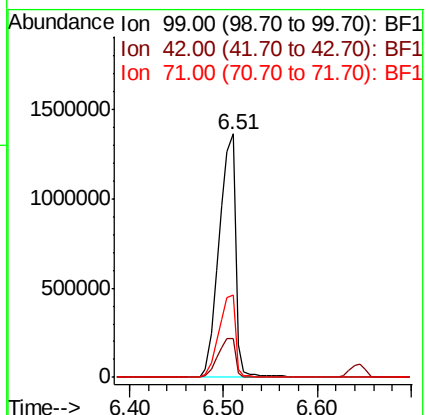
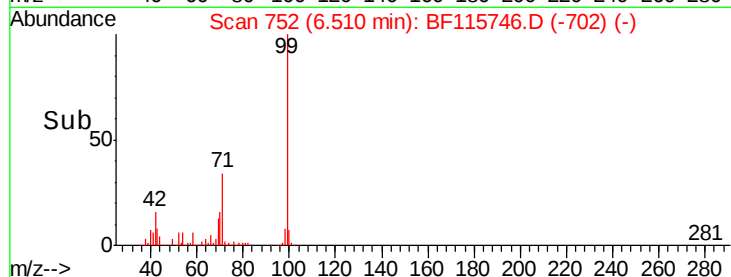
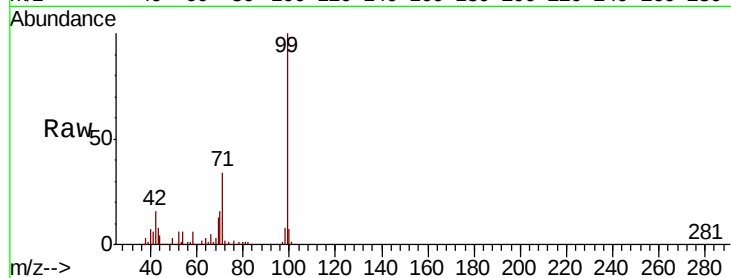
Tot Ion: 99 Resp: 1694777

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

71 33.6 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.119 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

Tgt Ion: 70 Resp: 150097

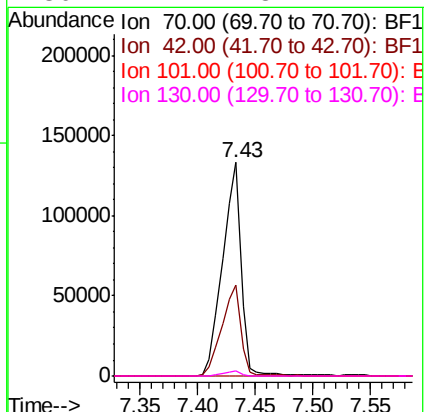
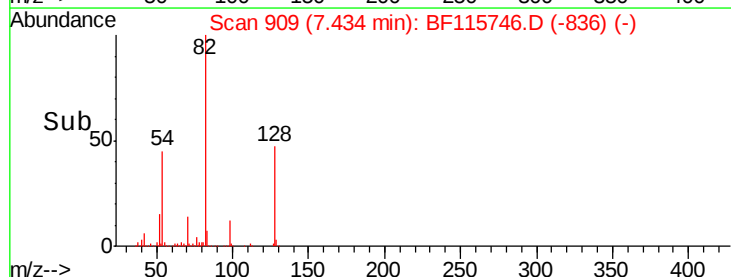
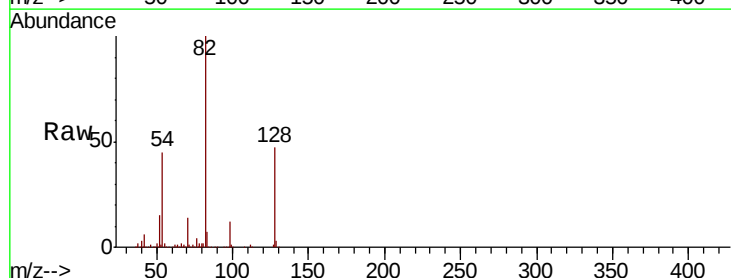
Ion Ratio Lower Upper

70 100

42 42.8 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

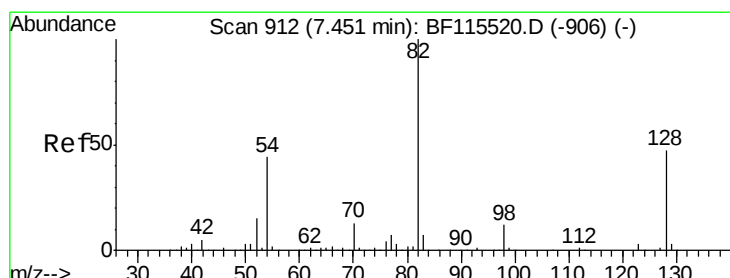
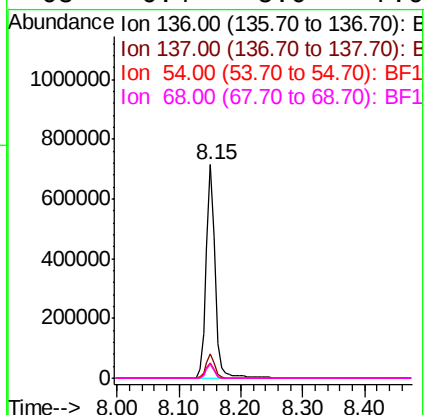
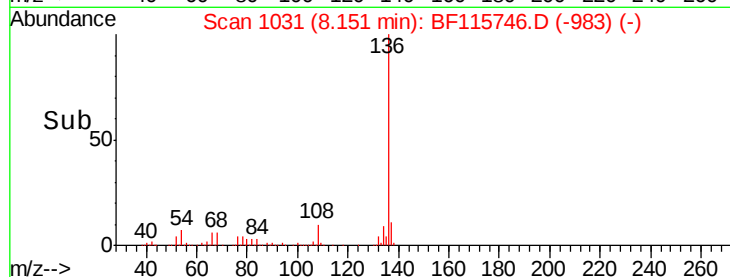
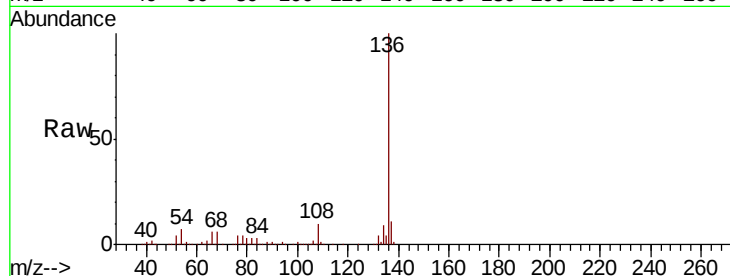




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115746.D
Acq: 24 Jul 2019 11:37

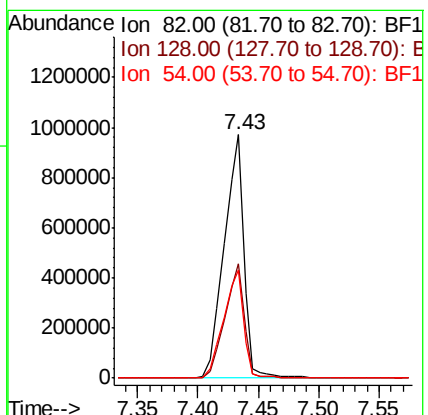
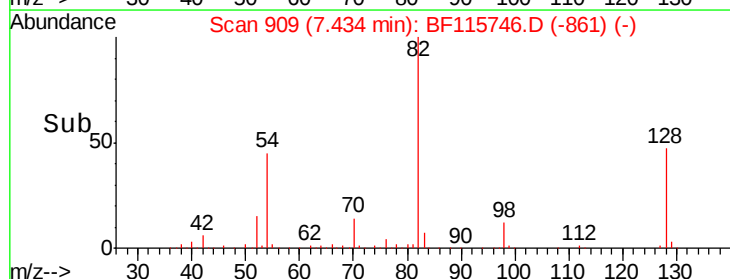
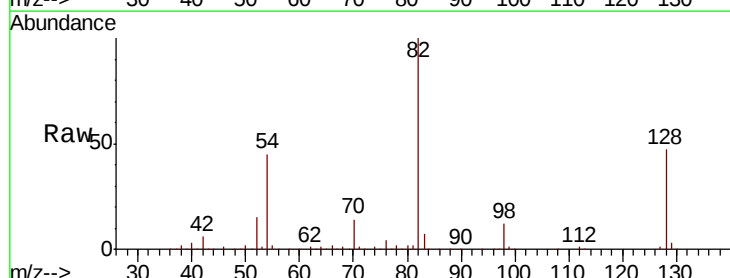
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	729040	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.0	13.4	
54 7.3	5.6	8.4	
68 6.4	5.0	7.6	



#23
Nitrobenzene-d5
Concen: 88.176 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115746.D
Acq: 24 Jul 2019 11:37

Tgt Ion: 82	Resp: 1105547
Ion Ratio	Lower Upper
82 100	
128 46.7	38.6 57.8
54 44.6	35.6 53.4





#25

Isophorone

Concen: 43.227 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

Instrument :

BNA_F

ClientSampleId :

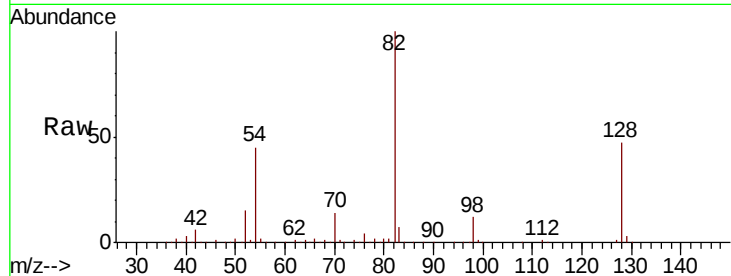
Tot Ion: 82 Resp: 1084515

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

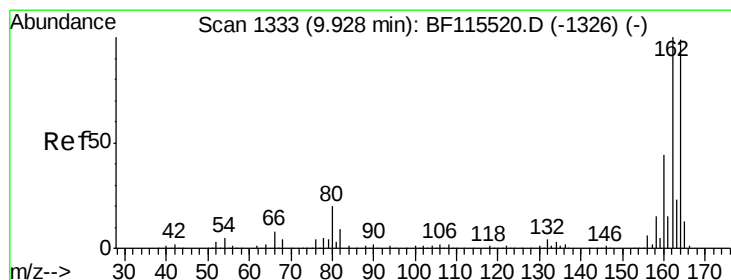
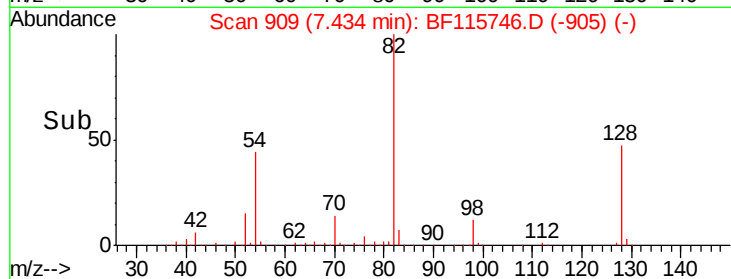
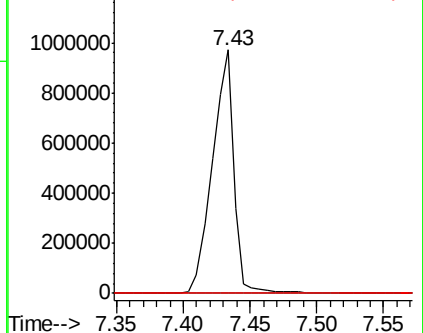
138 0.0 14.9 22.3#



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: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

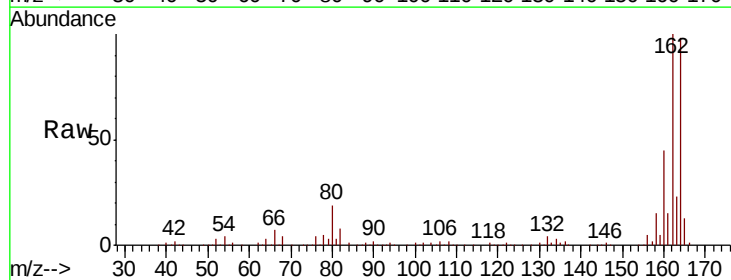
Tgt Ion: 164 Resp: 407686

Ion Ratio Lower Upper

164 100

162 102.4 82.9 124.3

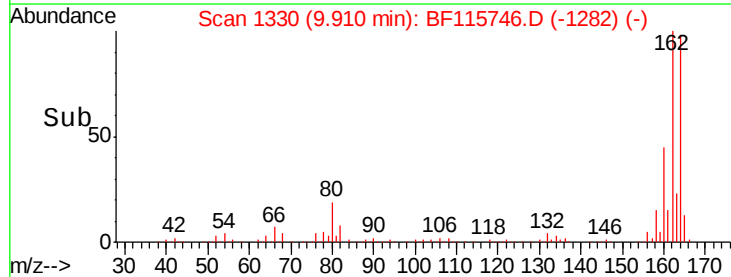
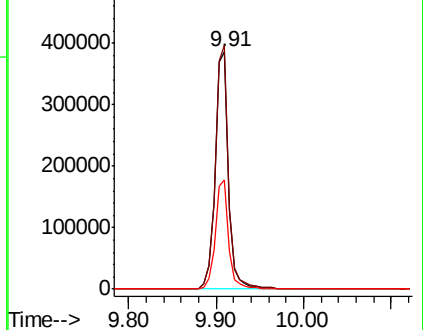
160 46.1 36.8 55.2

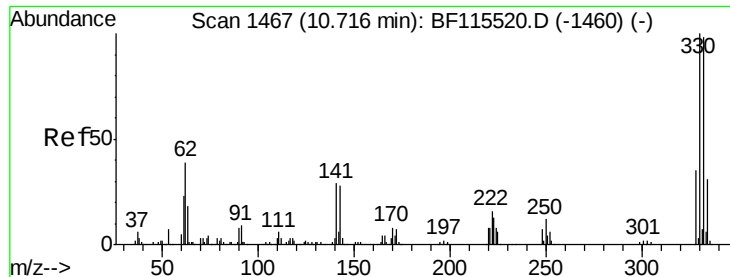


Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

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

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

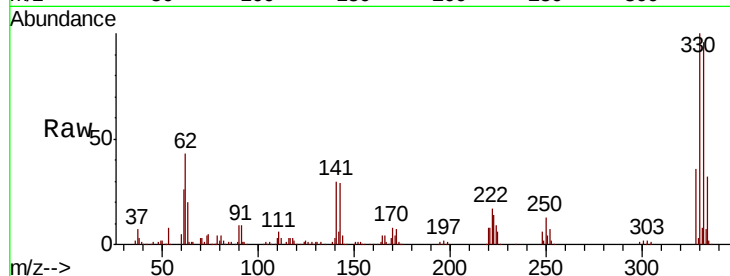




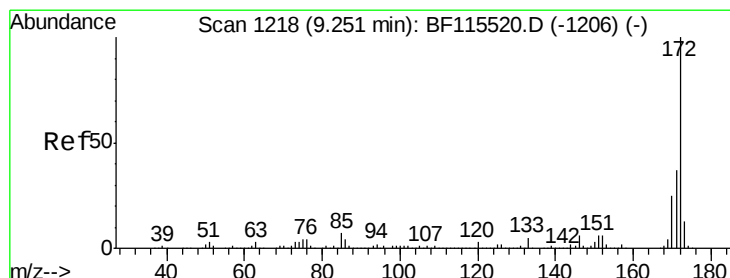
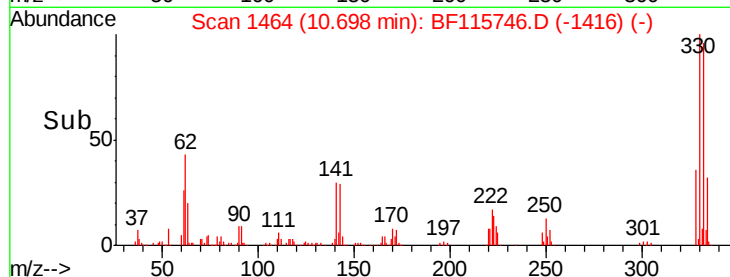
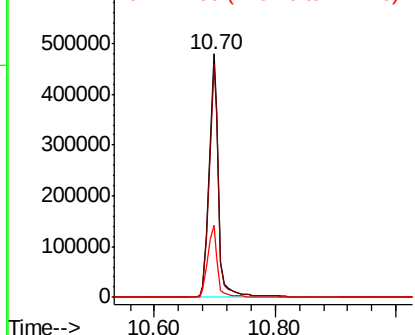
#42
 2,4,6-Tribromophenol
 Concen: 111.661 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115746.D
 Acq: 24 Jul 2019 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 531357
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 31.3 22.4 33.6

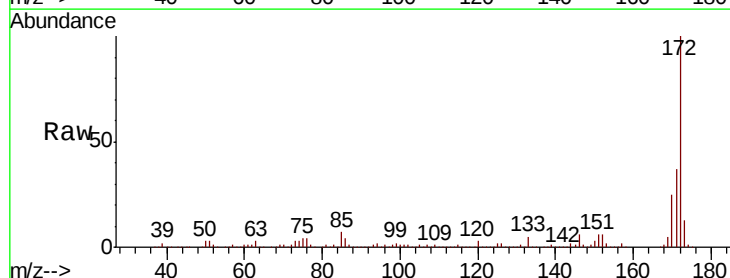


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

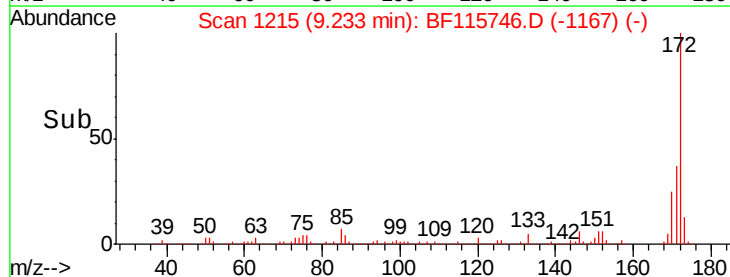
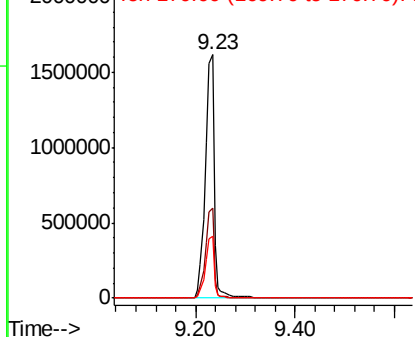


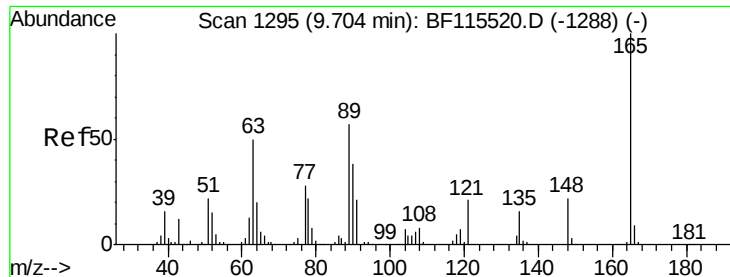
#45
 2-Fluorobiphenyl
 Concen: 85.985 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115746.D
 Acq: 24 Jul 2019 11:37

Tgt Ion:172 Resp: 2002804
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.6 46.0
 170 25.4 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: 7.611 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

Instrument :

BNA_F

ClientSampleId :

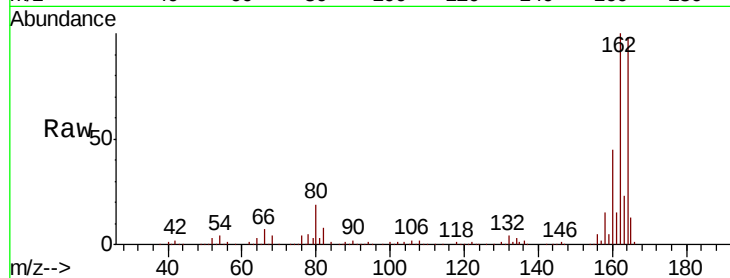
Tot Ion:165 Resp: 53052

Ion Ratio Lower Upper

165 100

63 0.9 40.6 61.0#

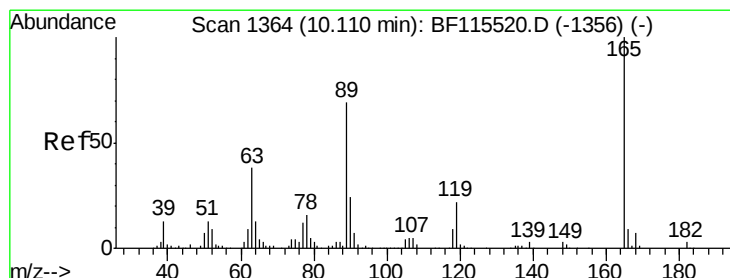
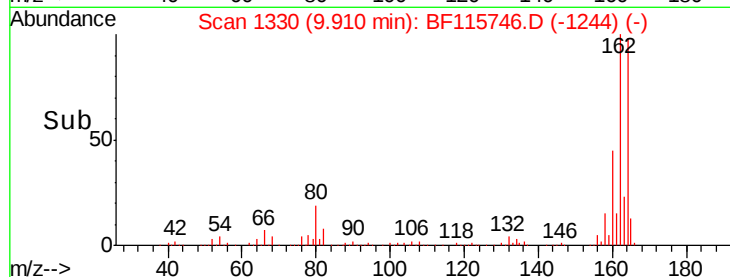
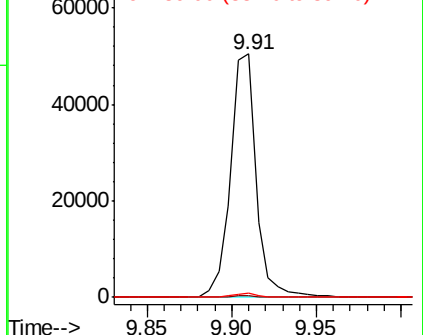
89 1.6 43.9 65.9#



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: 5.875 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.20 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

Tgt Ion:165 Resp: 53053

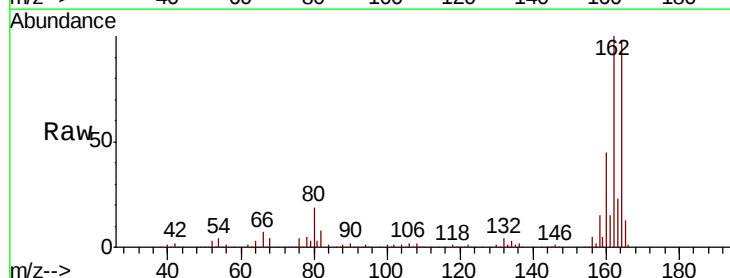
Ion Ratio Lower Upper

165 100

63 0.9 34.9 52.3#

89 1.6 57.5 86.3#

182 0.0 2.2 3.4#

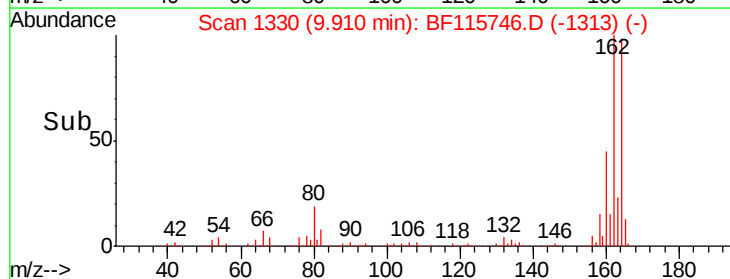
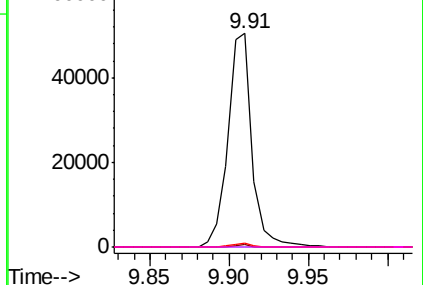


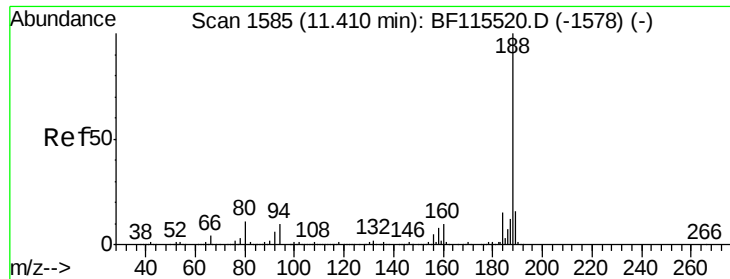
Abundance Ion 165.00 (164.70 to 165.70): E

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

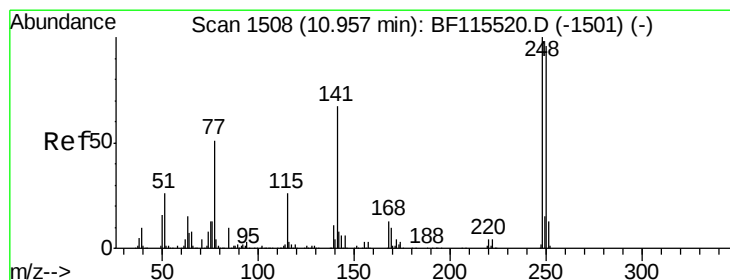
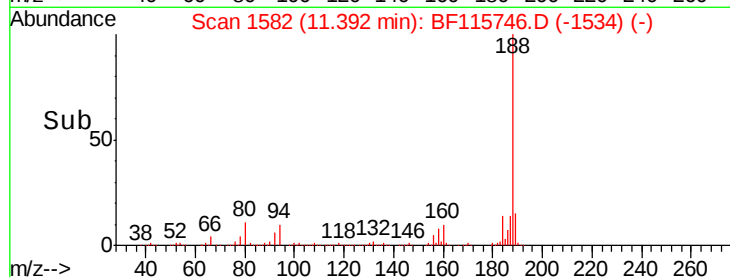
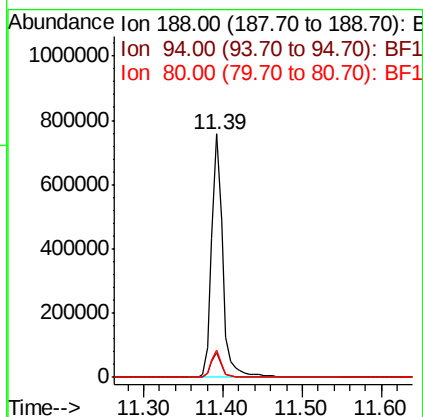
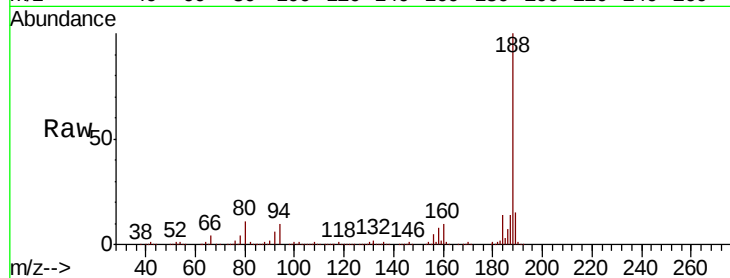




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115746.D
Acq: 24 Jul 2019 11:37

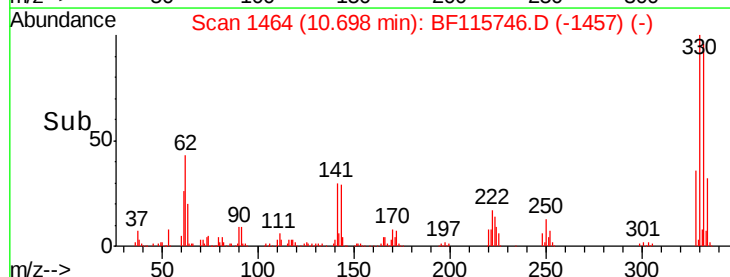
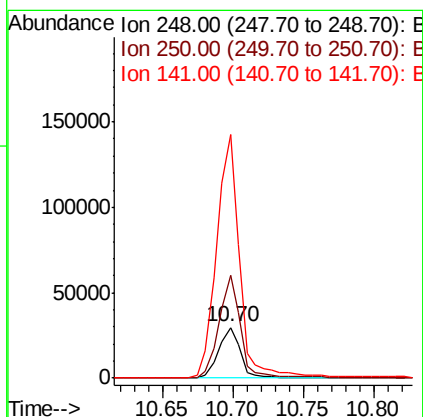
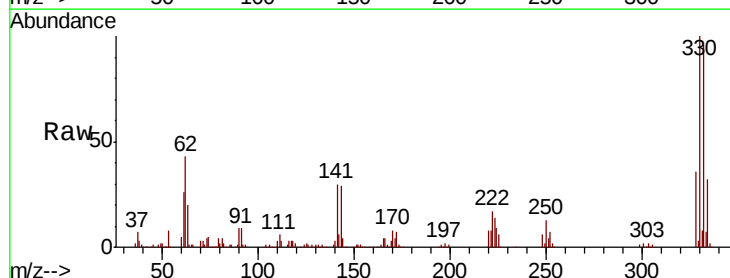
Instrument :
BNA_F
ClientSampleId :

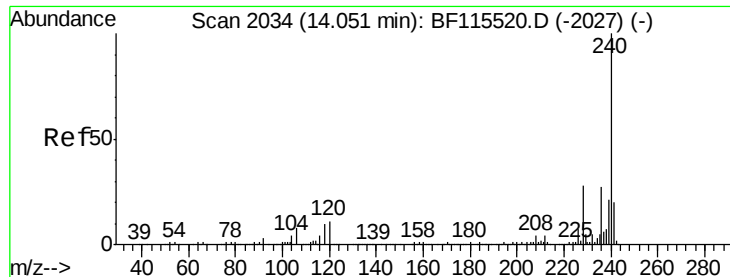
Tot Ion:188 Resp: 734298
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 11.0 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 3.817 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF115746.D
Acq: 24 Jul 2019 11:37

Tgt Ion:248 Resp: 32033
Ion Ratio Lower Upper
248 100
250 202.9 78.0 117.0#
141 481.0 57.7 86.5#

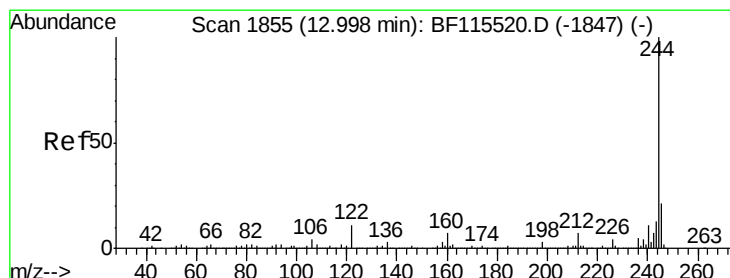
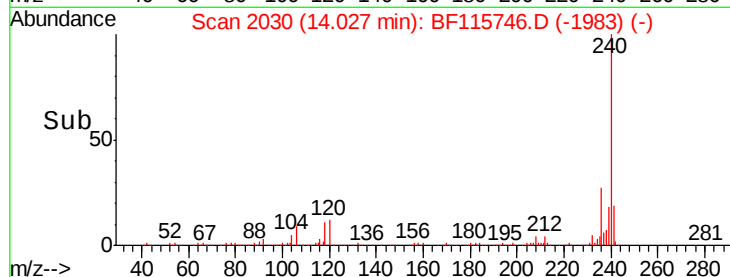
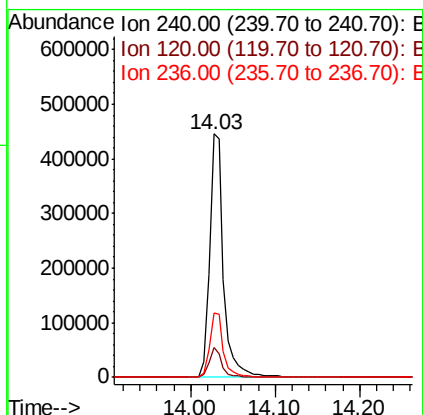
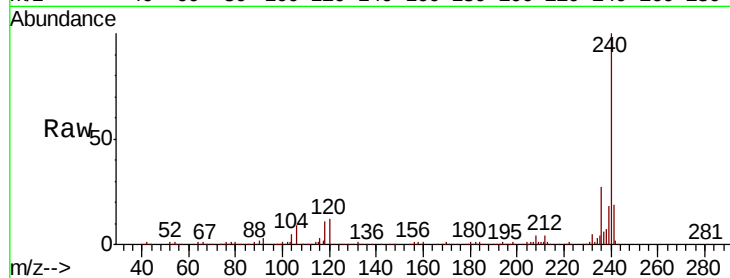




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF115746.D
 Acq: 24 Jul 2019 11:37

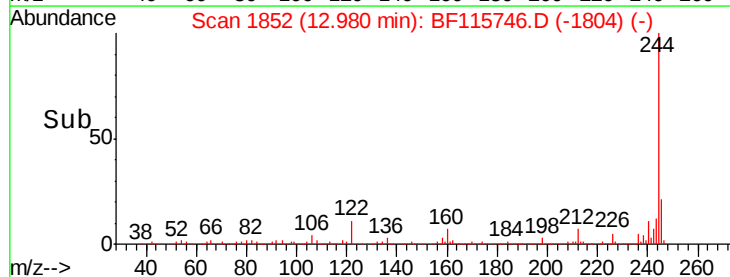
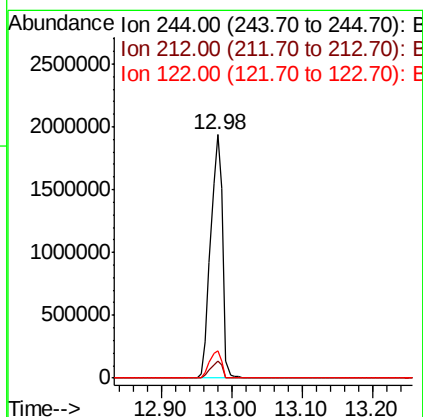
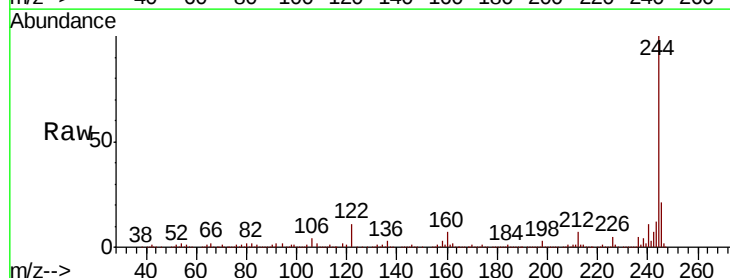
Instrument :
 BNA_F
 ClientSampleId :

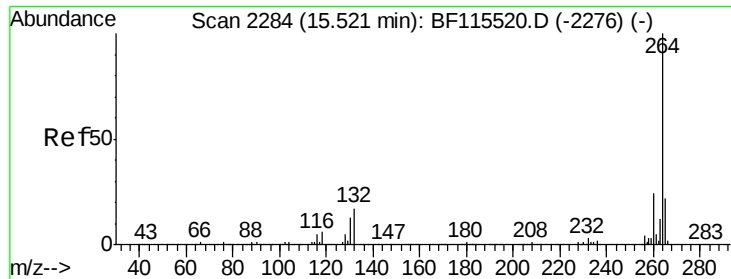
Tot Ion:240 Resp: 516433
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.6 13.0
 236 26.6 21.3 31.9



#79
 Terphenyl-d14
 Concen: 81.870 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115746.D
 Acq: 24 Jul 2019 11:37

Tgt Ion:244 Resp: 2291420
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.4 8.6 12.8

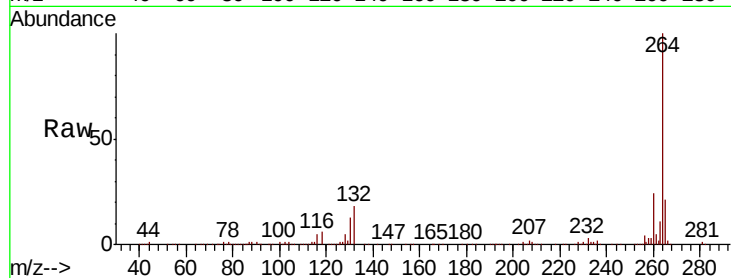




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF115746.D
 Acq: 24 Jul 2019 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	21.4	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

