

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115589.D
 Acq On : 16 Jul 2019 11:19
 Operator : HP/JU
 Sample : PB121214BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:29:15 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

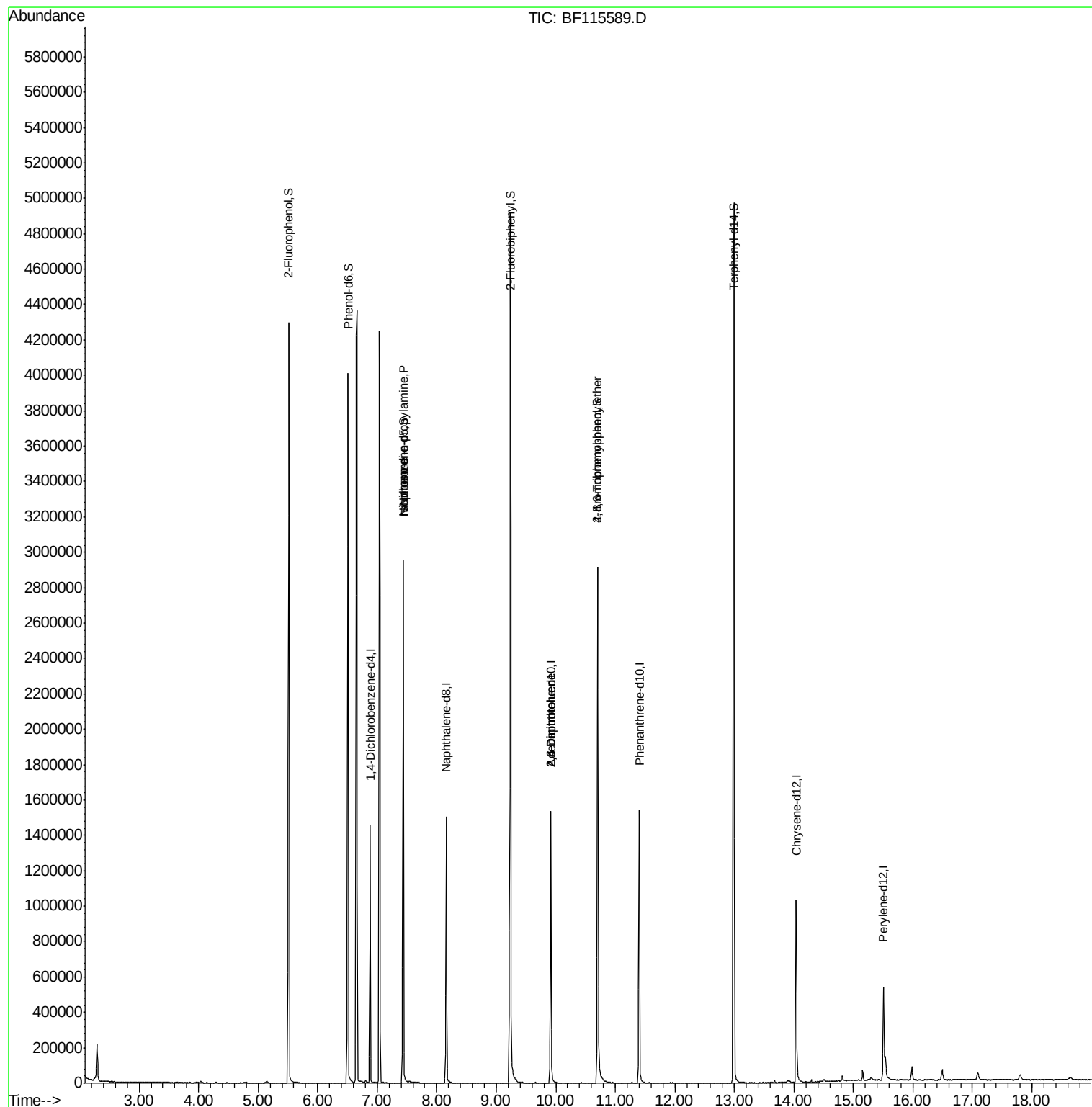
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	200950	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	762646	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	338296	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	662528	20.00	ng	0.00
76) Chrysene-d12	14.04	240	432734	20.00	ng	-0.01
87) Perylene-d12	15.50	264	355873	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1410278	114.80	ng	0.01
7) Phenol-d6	6.51	99	1839597	118.01	ng	0.00
23) Nitrobenzene-d5	7.44	82	1197511	91.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	474023	120.04	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1890629	97.82	ng	-0.01
79) Terphenyl-d14	12.99	244	2040147	86.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	159250	15.664	ng	# 79
25) Isophorone	7.44	82	1160469	44.217	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	43090	7.450	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	43091	5.750	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	28722	3.794	ng	# 1

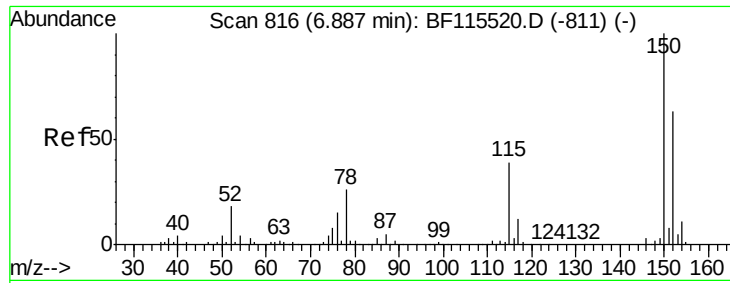
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115589.D
Acq On : 16 Jul 2019 11:19
Operator : HP/JU
Sample : PB121214BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 16 15:29:15 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



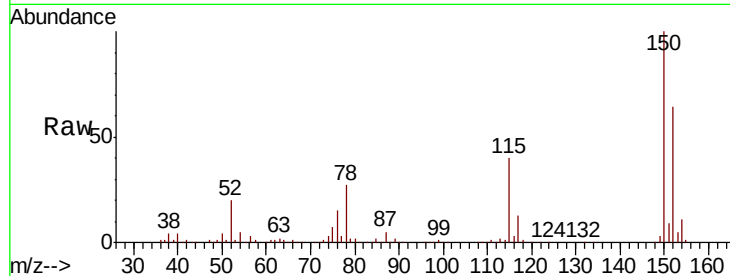


#1

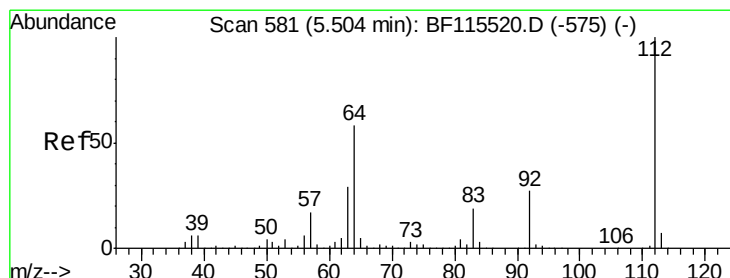
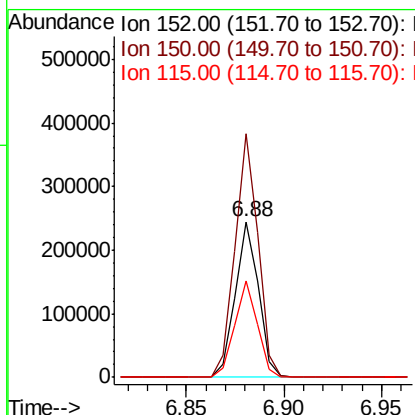
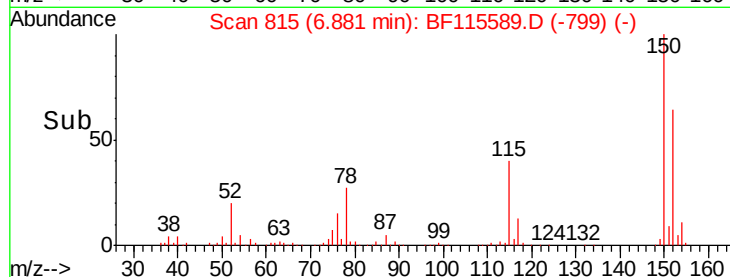
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115589.D
Acq: 16 Jul 2019 11:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 200950
Ion Ratio Lower Upper
152 100
150 156.5 129.7 194.5
115 61.9 48.2 72.4



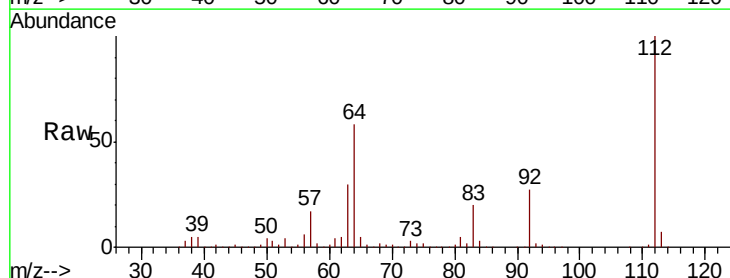
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



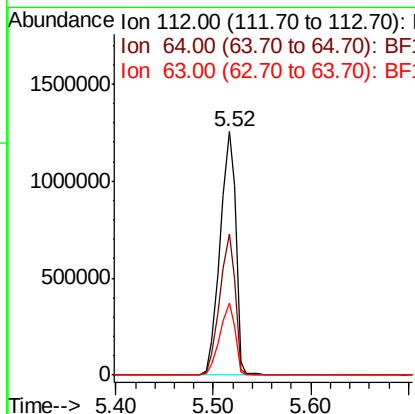
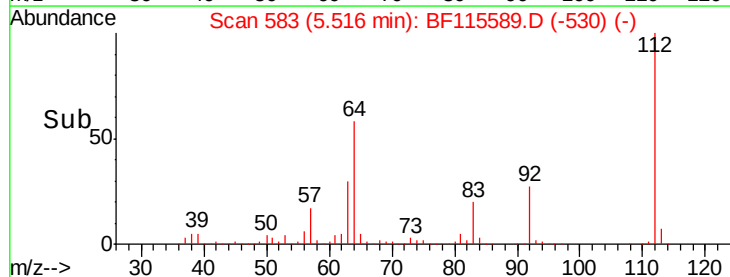
#5

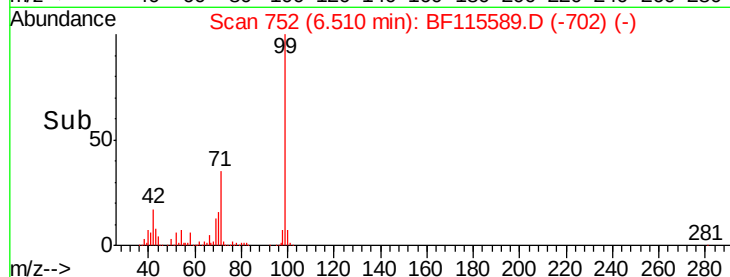
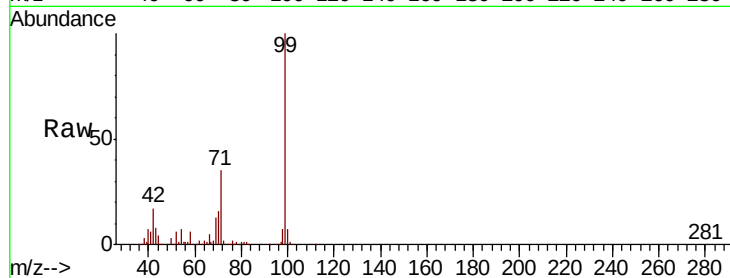
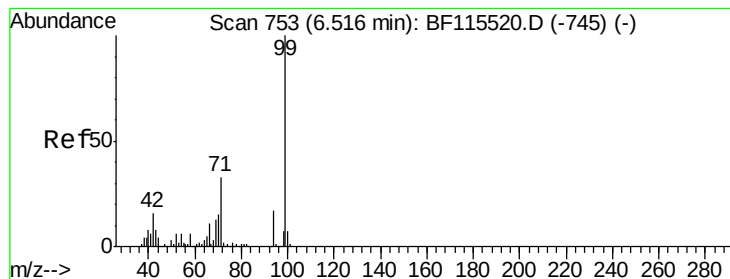
2-Fluorophenol
Concen: 114.795 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115589.D
Acq: 16 Jul 2019 11:19

Tgt Ion:112 Resp: 1410278
Ion Ratio Lower Upper
112 100
64 58.1 46.8 70.2
63 29.7 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: 118.010 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115589.D

Acq: 16 Jul 2019 11:19

Instrument :

BNA_F

ClientSampleId :

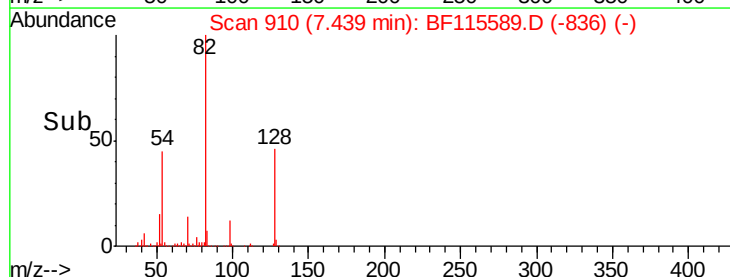
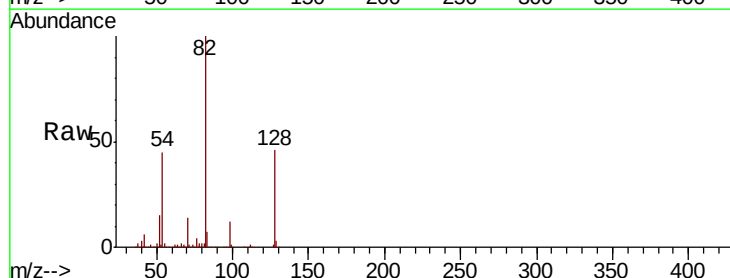
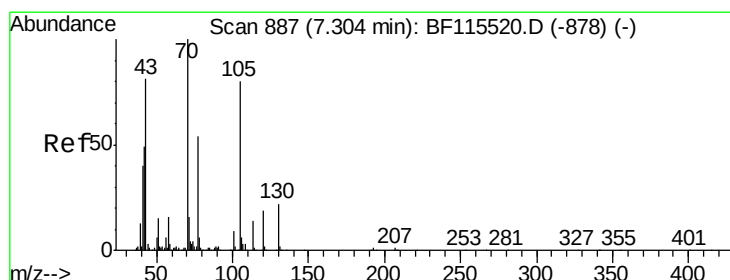
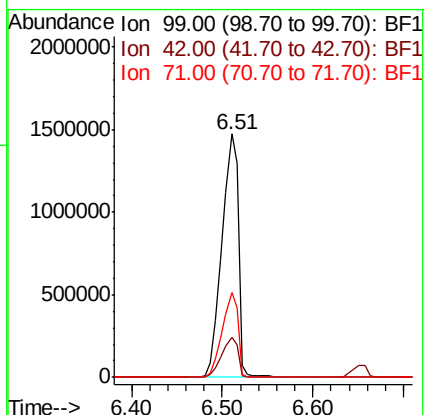
Tot Ion: 99 Resp: 1839597

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

71 34.8 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.664 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115589.D

Acq: 16 Jul 2019 11:19

Tgt Ion: 70 Resp: 159250

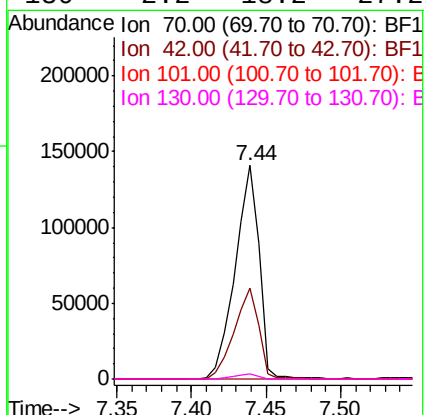
Ion Ratio Lower Upper

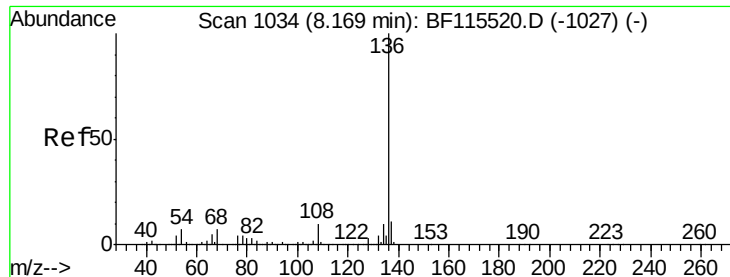
70 100

42 42.7 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

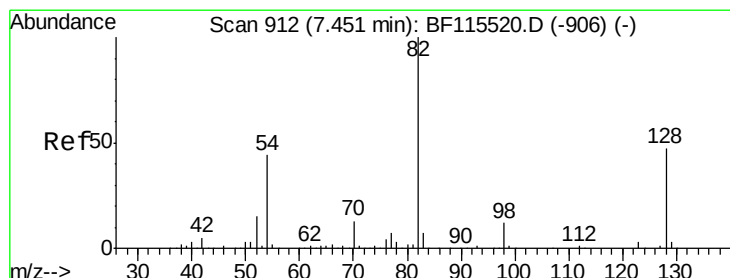
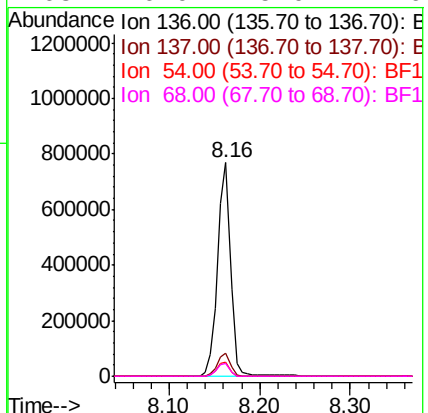
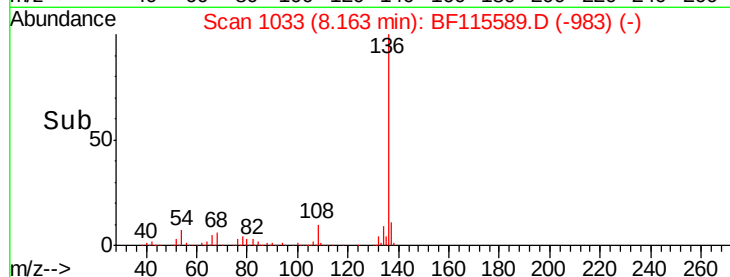
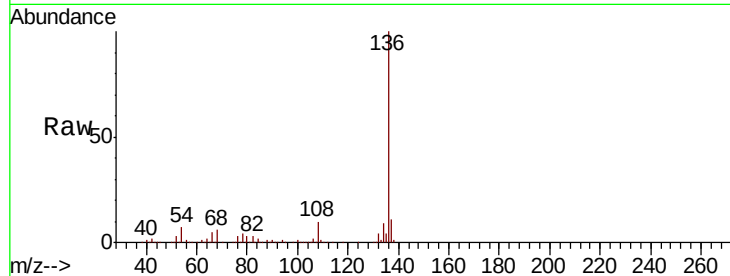




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115589.D
Acq: 16 Jul 2019 11:19

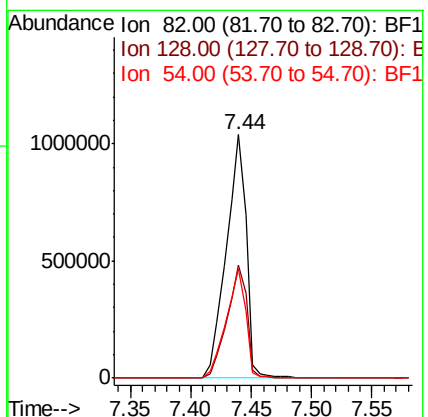
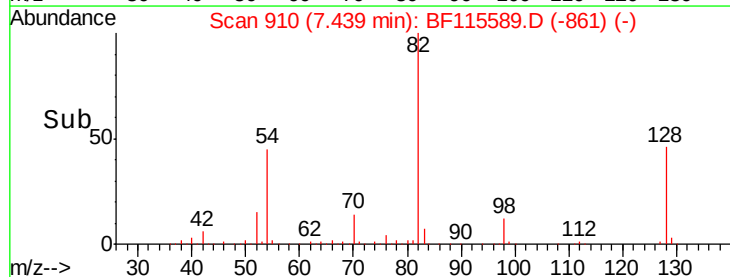
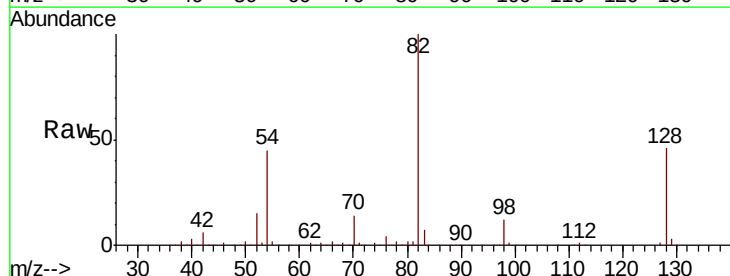
Instrument :
BNA_F
ClientSampled :

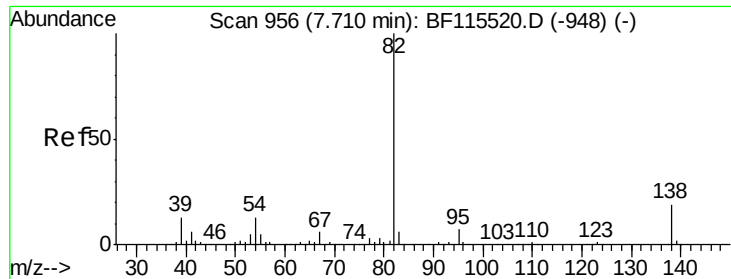
Tot Ion:136	Resp:	762646
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.0	13.4
54 6.6	5.6	8.4
68 6.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 91.302 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115589.D
Acq: 16 Jul 2019 11:19

Tgt Ion: 82	Resp: 1197511
Ion Ratio	Lower Upper
82 100	
128 46.3	38.6 57.8
54 44.7	35.6 53.4





#25

Isophorone

Concen: 44.217 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115589.D

Acq: 16 Jul 2019 11:19

Instrument :

BNA_F

ClientSampleId :

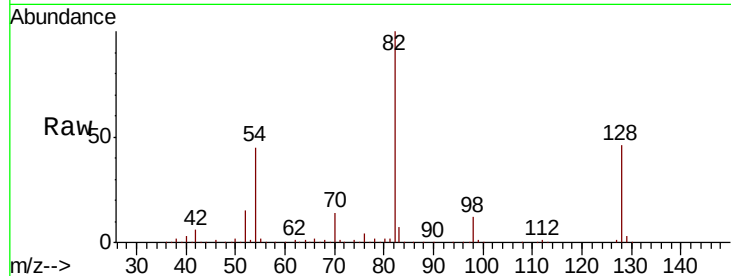
Tot Ion: 82 Resp: 1160469

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

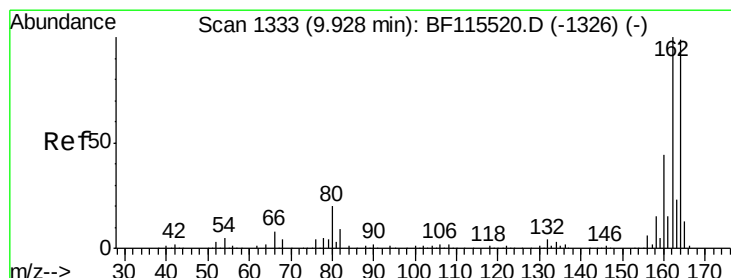
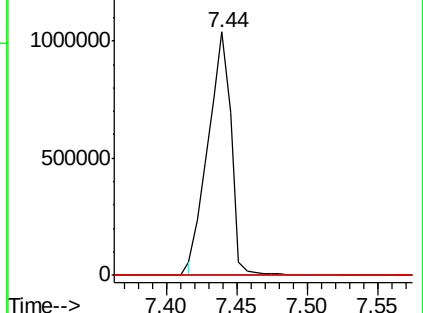
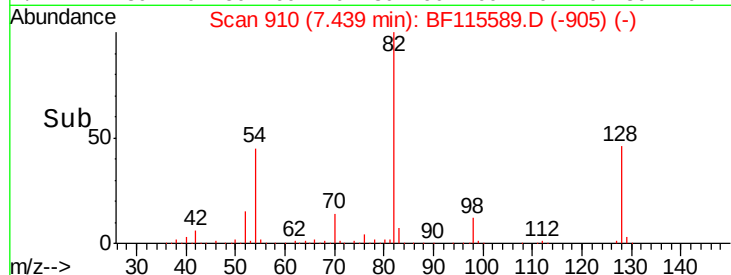
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): 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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115589.D

Acq: 16 Jul 2019 11:19

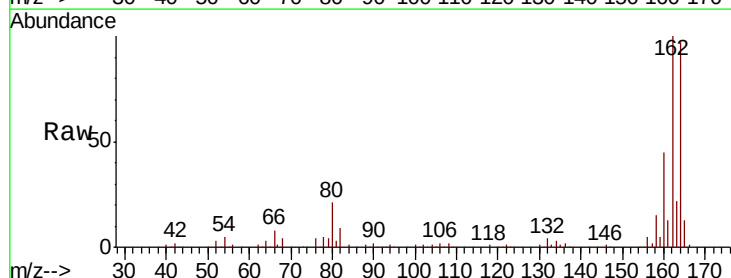
Tgt Ion: 164 Resp: 338296

Ion Ratio Lower Upper

164 100

162 103.5 82.9 124.3

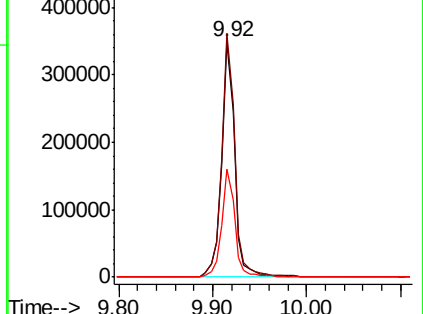
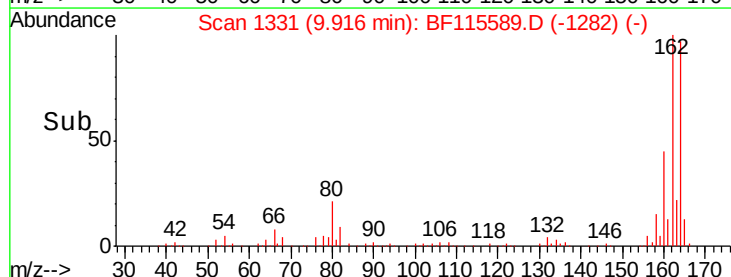
160 46.1 36.8 55.2

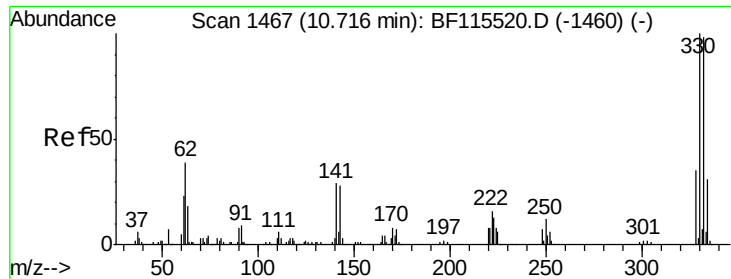


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

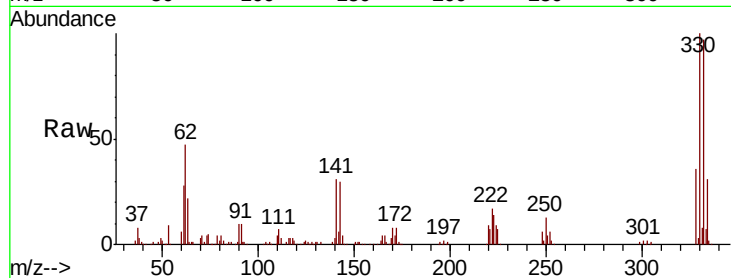




#42
 2,4,6-Tribromophenol
 Concen: 120.044 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115589.D
 Acq: 16 Jul 2019 11:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141
Resp:	474023		
Ion Ratio	100	97.1	30.0
Lower		77.4	22.4
Upper		116.2	33.6

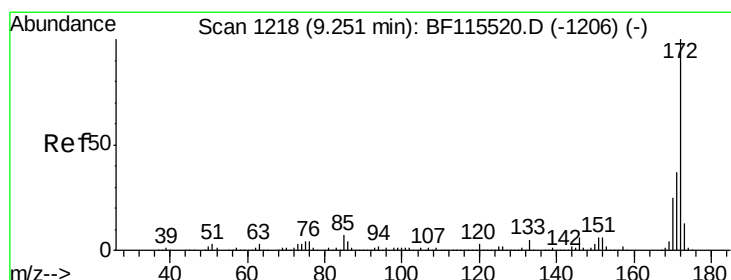
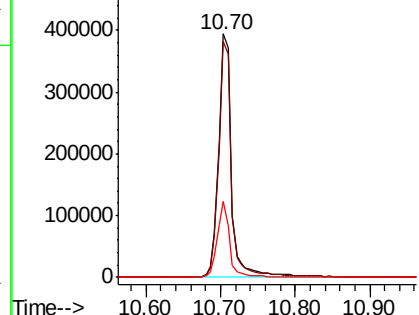
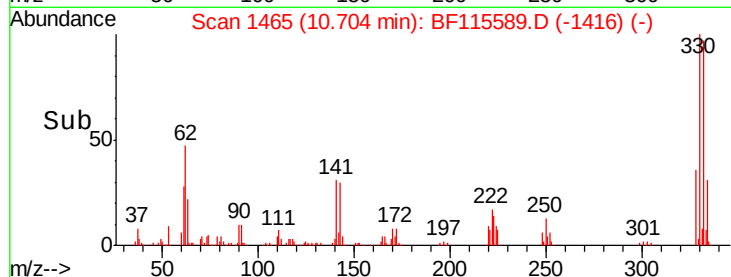


Abundance

Ion 329.80 (329.50 to 330.50): E

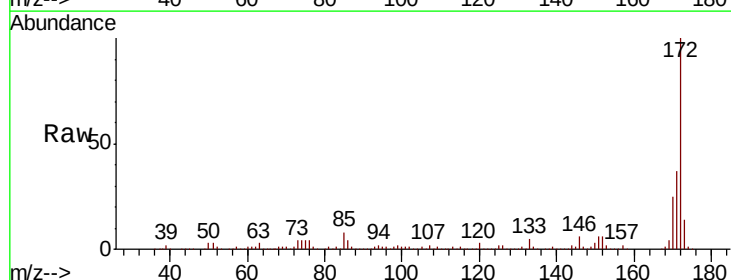
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.818 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115589.D
 Acq: 16 Jul 2019 11:19

Tgt Ion	172	171	170
Resp:	1890629		
Ion Ratio	100	37.0	25.5
Lower		30.6	20.5
Upper		46.0	30.7

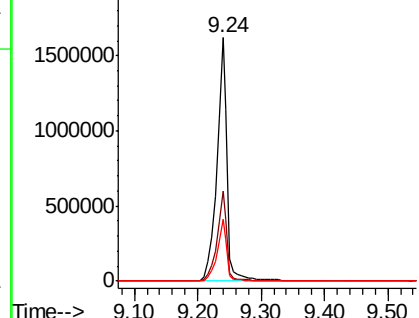
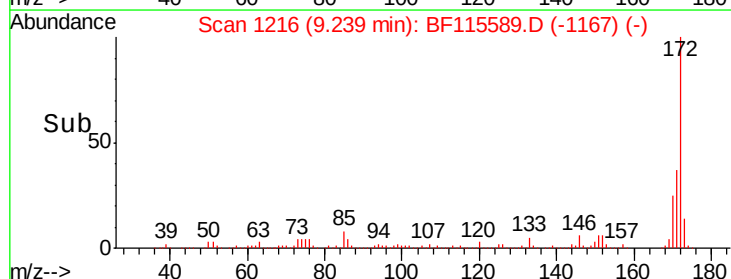


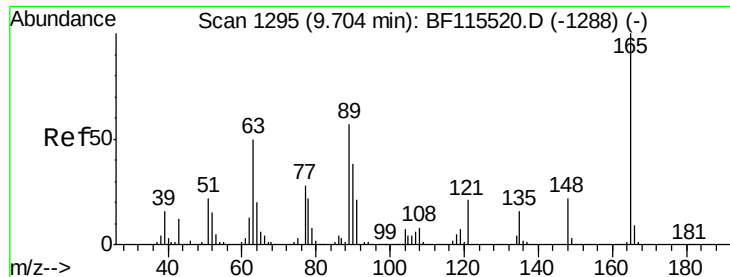
Abundance

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: 7.450 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF115589.D

Acq: 16 Jul 2019 11:19

Instrument :

BNA_F

ClientSampleId :

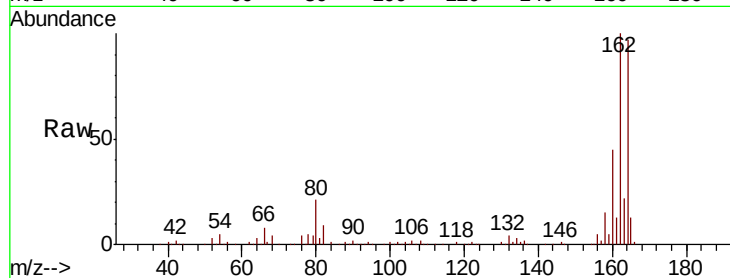
Tot Ion:165 Resp: 43090

Ion Ratio Lower Upper

165 100

63 1.0 40.6 61.0#

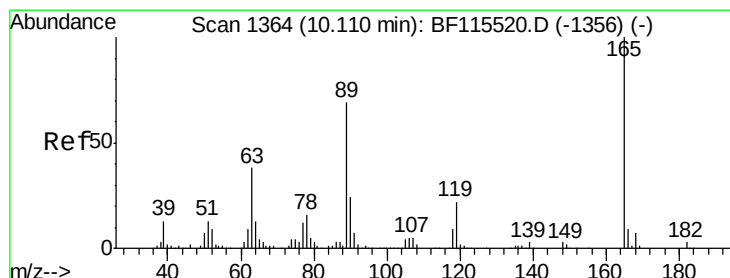
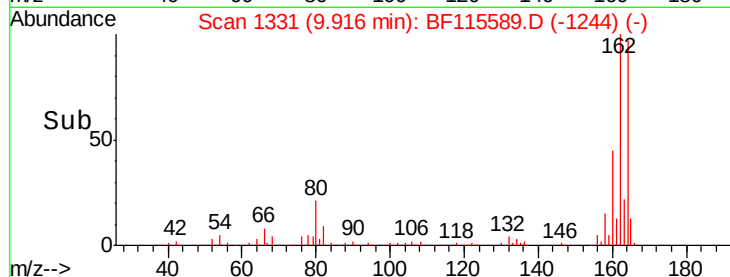
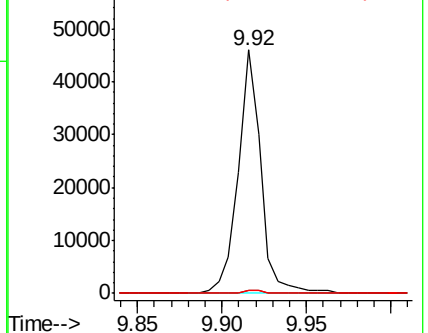
89 1.3 43.9 65.9#



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: 5.750 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115589.D

Acq: 16 Jul 2019 11:19

Tgt Ion:165 Resp: 43091

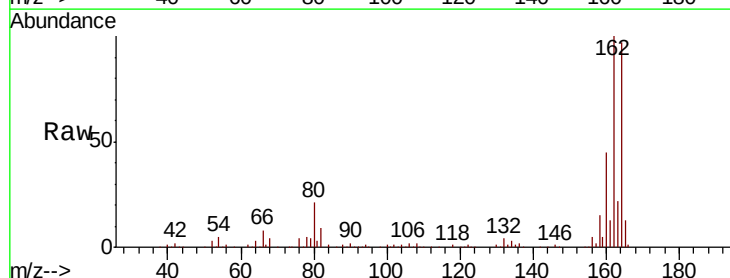
Ion Ratio Lower Upper

165 100

63 1.0 34.9 52.3#

89 1.3 57.5 86.3#

182 0.0 2.2 3.4#

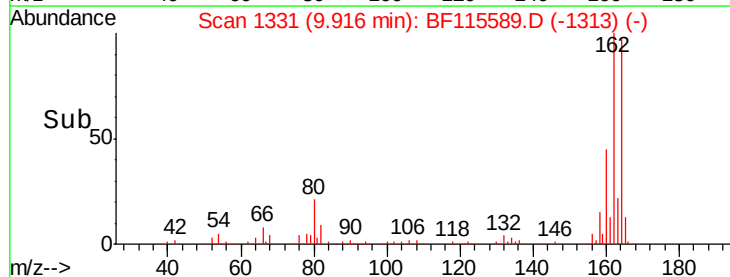
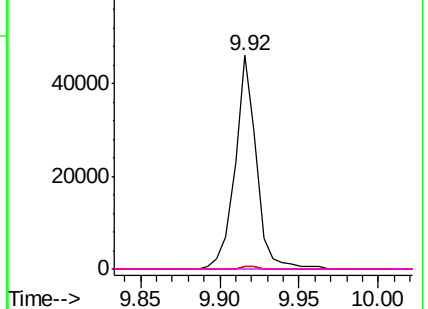


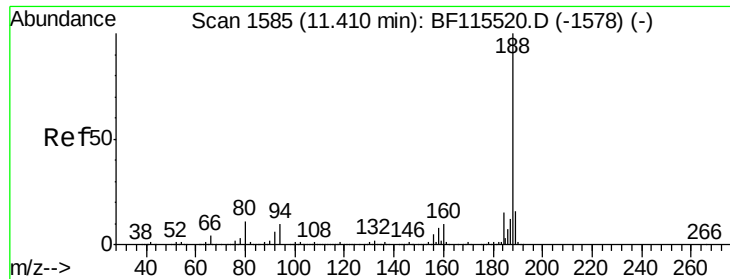
Abundance Ion 165.00 (164.70 to 165.70): E

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

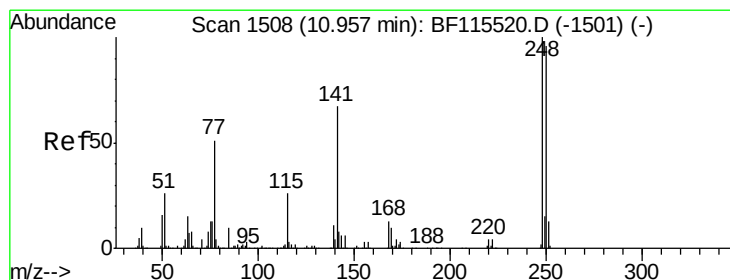
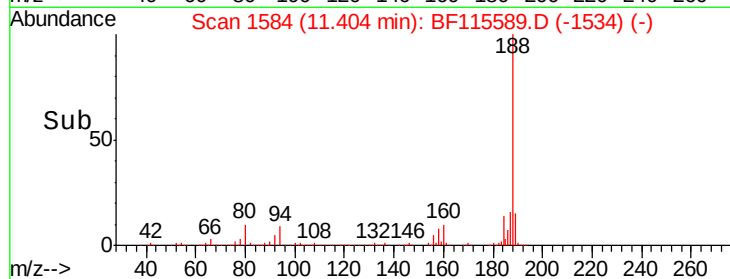
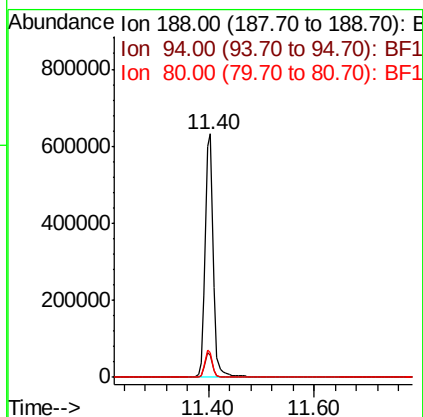
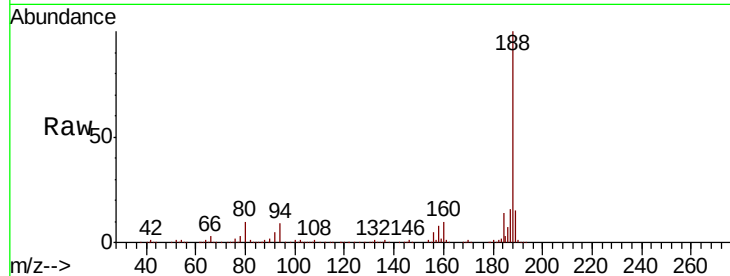




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115589.D
Acq: 16 Jul 2019 11:19

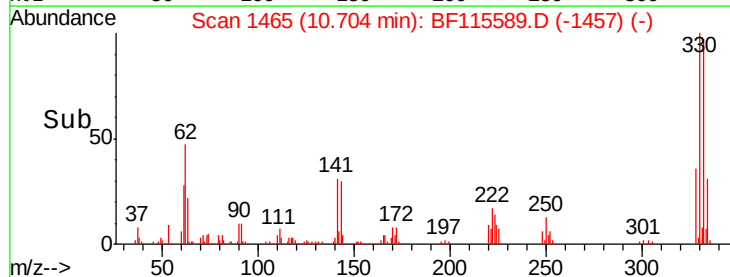
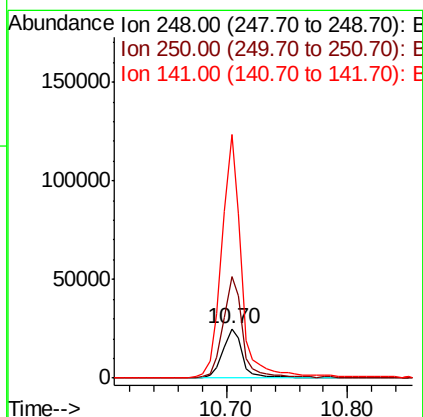
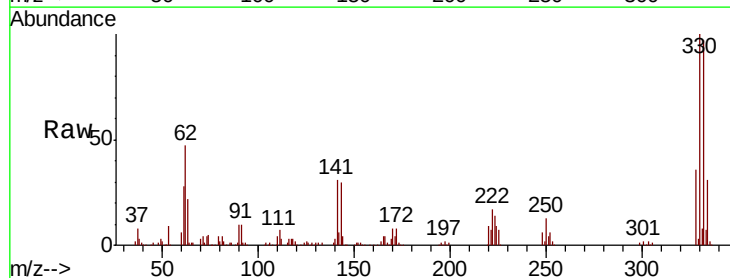
Instrument :
BNA_F
ClientSampleId :

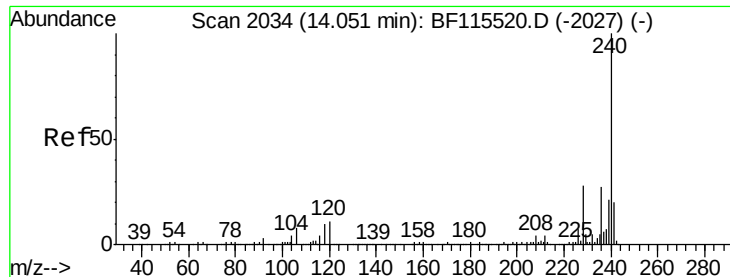
Tot Ion:188 Resp: 662528
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.9 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 3.794 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115589.D
Acq: 16 Jul 2019 11:19

Tgt Ion:248 Resp: 28722
Ion Ratio Lower Upper
248 100
250 206.7 78.0 117.0#
141 493.7 57.7 86.5#

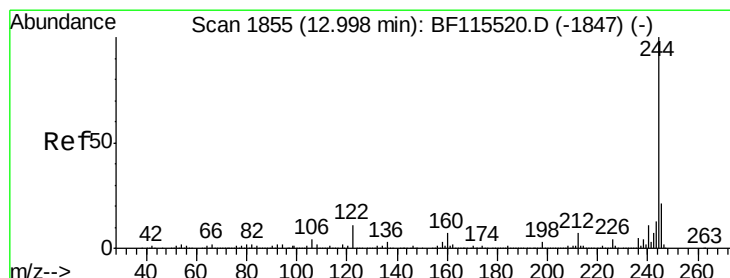
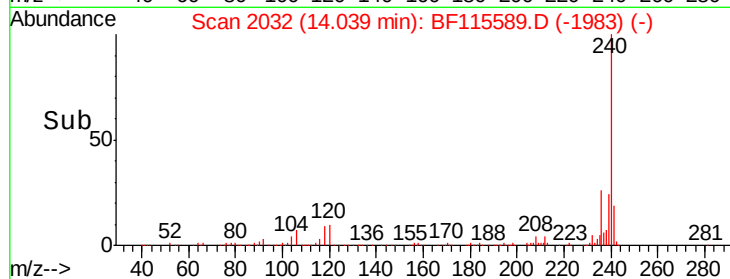
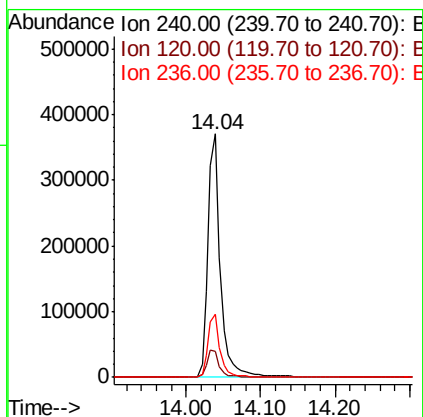
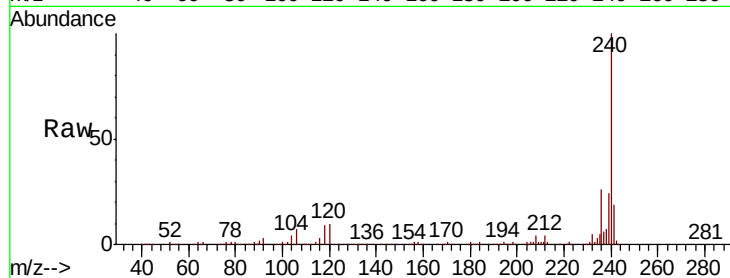




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115589.D
 Acq: 16 Jul 2019 11:19

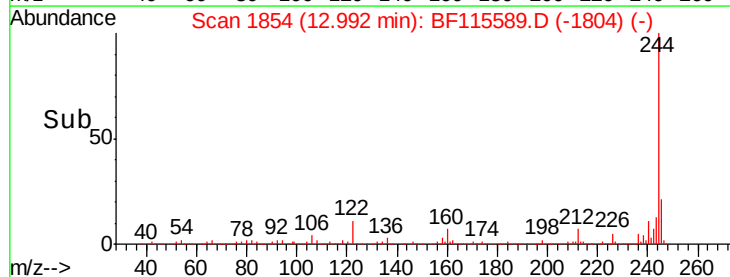
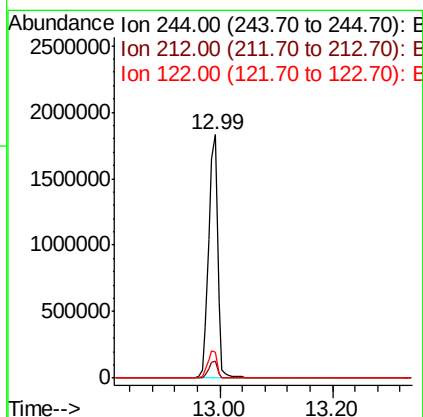
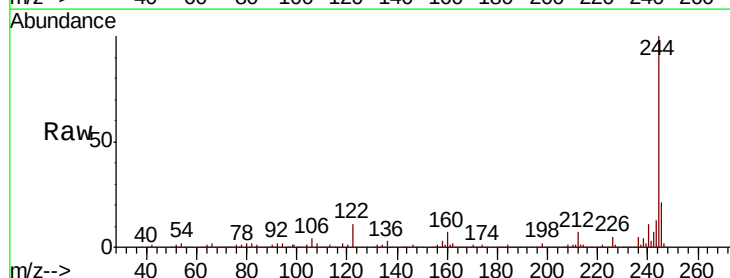
Instrument :
 BNA_F
 ClientSampleId :

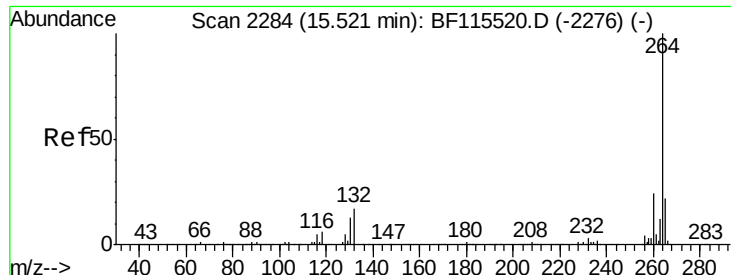
Tot Ion:240 Resp: 432734
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.6 13.0
 236 26.2 21.3 31.9



#79
 Terphenyl-d14
 Concen: 86.991 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115589.D
 Acq: 16 Jul 2019 11:19

Tgt Ion:244 Resp: 2040147
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.9 8.6 12.8

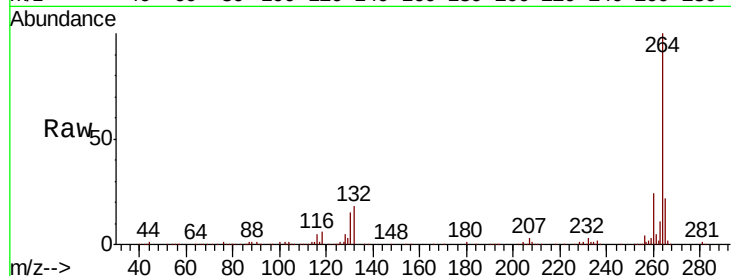




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115589.D
Acq: 16 Jul 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	22.1	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

