

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115645.D
 Acq On : 18 Jul 2019 13:38
 Operator : HP/JU
 Sample : PB121483BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 16:40:52 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

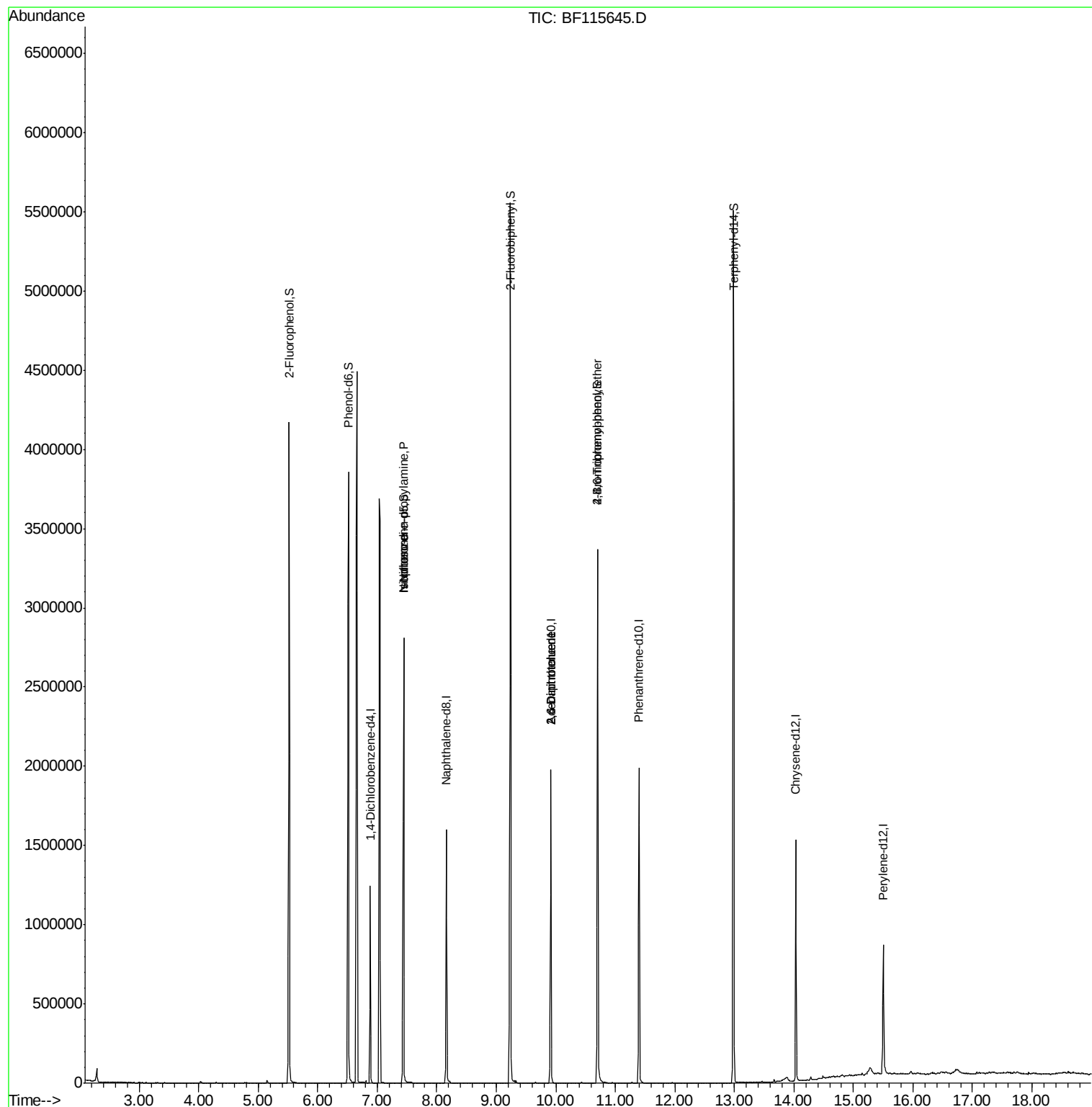
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	194580	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	771613	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	391629	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	760718	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	473652	20.00	ng	-0.02
87) Perylene-d12	15.50	264	404339	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1338170	112.49	ng	0.02
7) Phenol-d6	6.52	99	1791906	118.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	1164468	87.75	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	510503	111.68	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	2021669	90.35	ng	-0.01
79) Terphenyl-d14	12.99	244	2215614	86.31	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	155154	15.761	ng	# 78
25) Isophorone	7.45	82	1143796	43.075	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	50047	7.474	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	50047	5.769	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	31610	3.636	ng	# 1

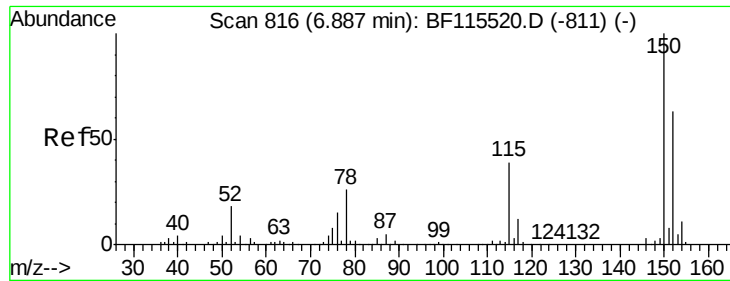
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



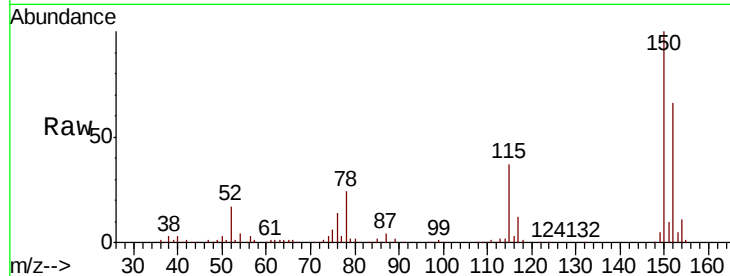


#1

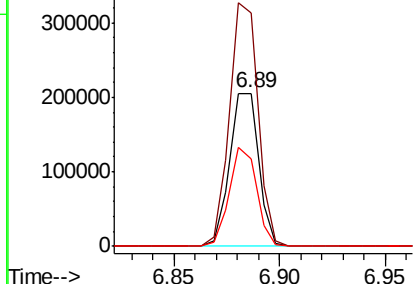
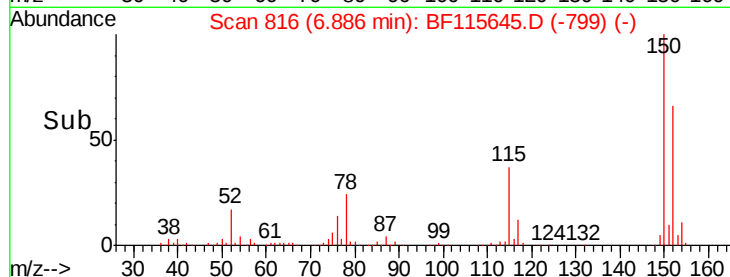
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115645.D
Acq: 18 Jul 2019 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 194580
Ion Ratio Lower Upper
152 100
150 152.5 129.7 194.5
115 57.0 48.2 72.4



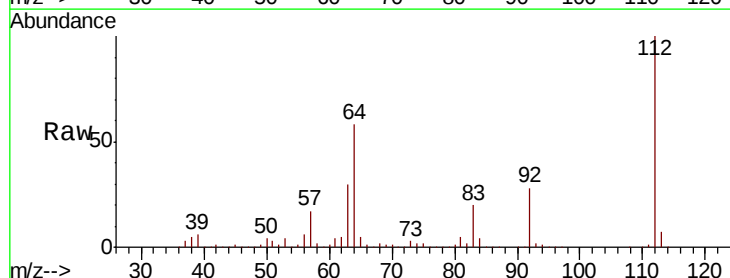
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



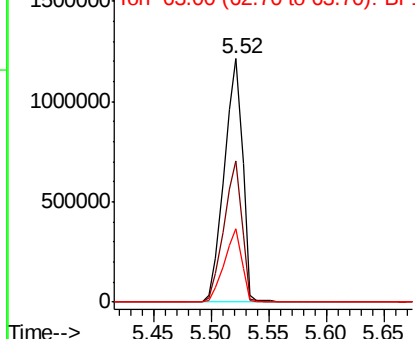
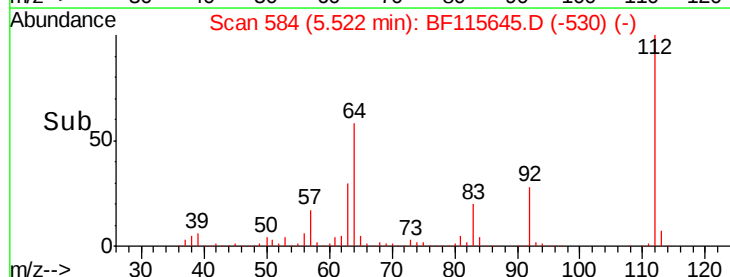
#5

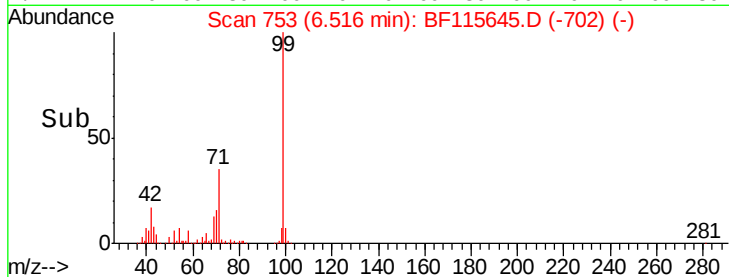
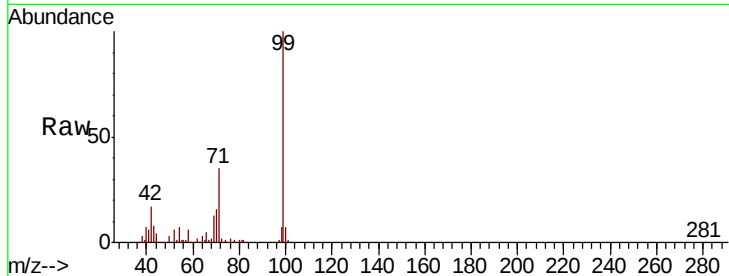
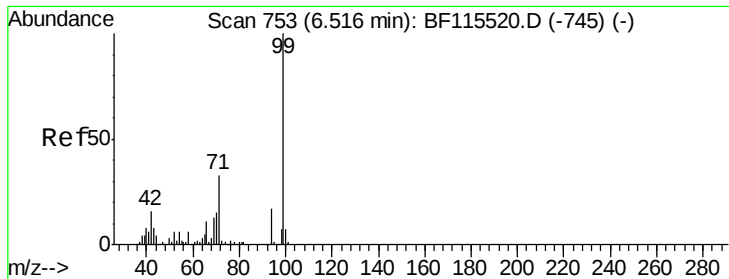
2-Fluorophenol
Concen: 112.491 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115645.D
Acq: 18 Jul 2019 13:38

Tgt Ion:112 Resp: 1338170
Ion Ratio Lower Upper
112 100
64 57.9 46.8 70.2
63 29.9 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: 118.714 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

Instrument :

BNA_F

ClientSampleId :

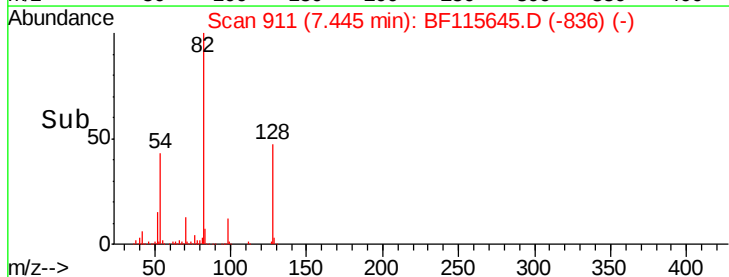
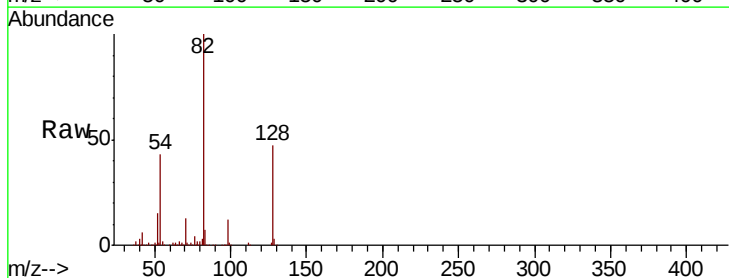
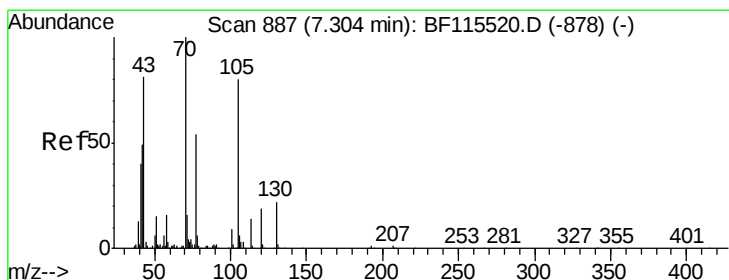
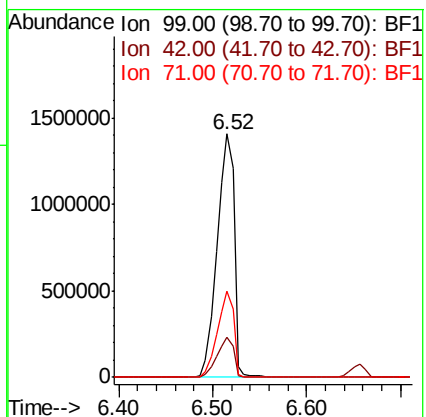
Tot Ion: 99 Resp: 1791906

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

71 35.3 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.761 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

Tgt Ion: 70 Resp: 155154

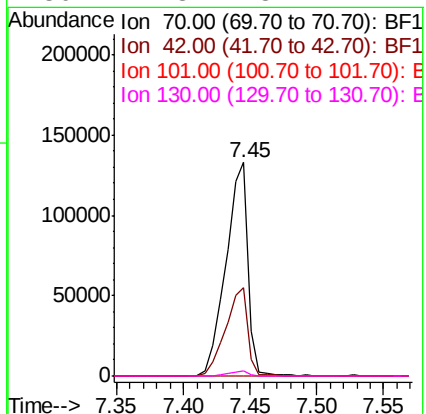
Ion Ratio Lower Upper

70 100

42 41.4 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#

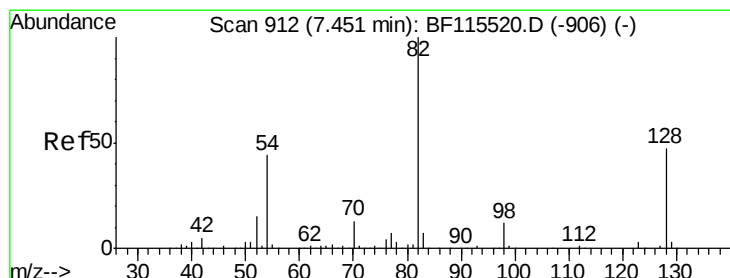
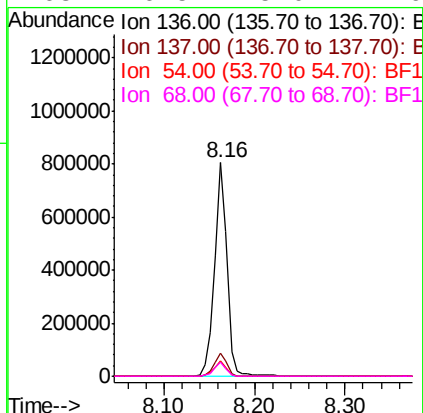
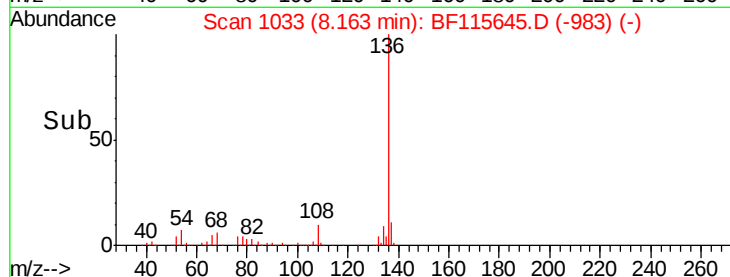
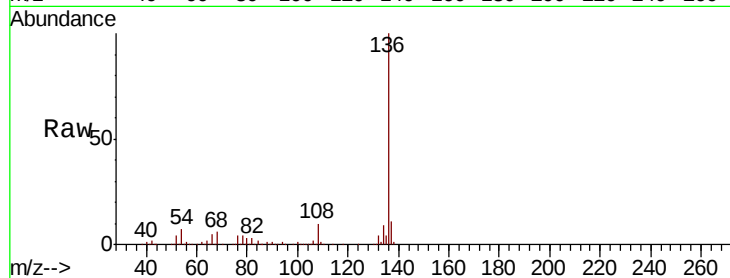




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115645.D
Acq: 18 Jul 2019 13:38

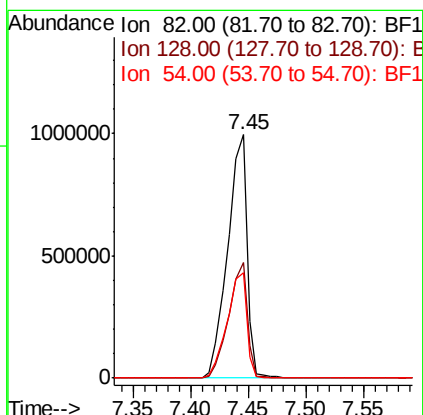
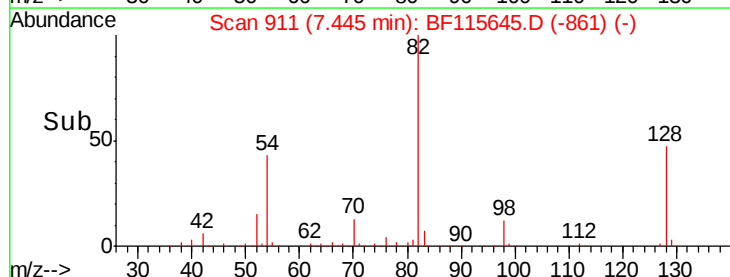
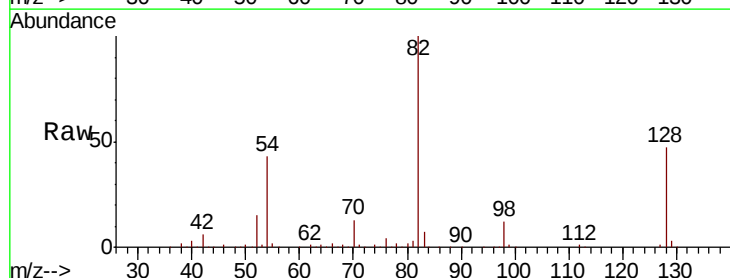
Instrument :
BNA_F
ClientSampleId :

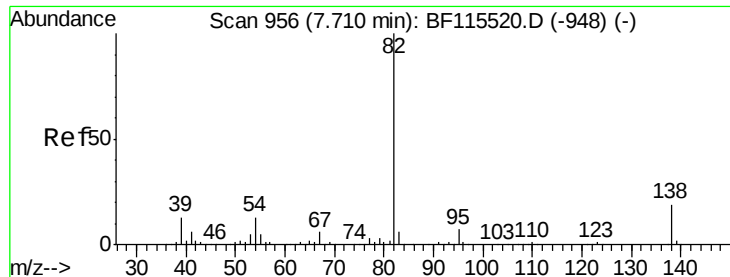
Tot Ion:136	Resp:	771613
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.0	13.4
54 7.0	5.6	8.4
68 6.5	5.0	7.6



#23
Nitrobenzene-d5
Concen: 87.751 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115645.D
Acq: 18 Jul 2019 13:38

Tgt Ion: 82	Resp: 1164468
Ion Ratio	Lower Upper
82 100	
128 47.2	38.6 57.8
54 43.2	35.6 53.4





#25

Isophorone

Concen: 43.075 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

Instrument :

BNA_F

ClientSampleId :

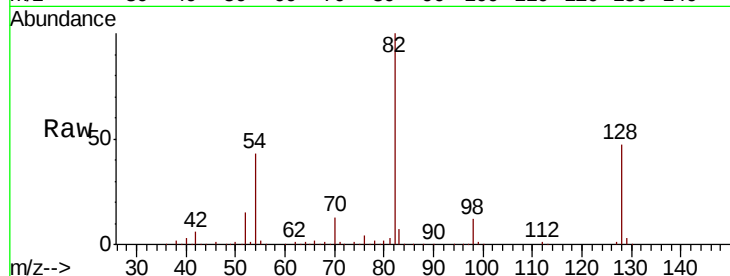
Tot Ion: 82 Resp: 1143796

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

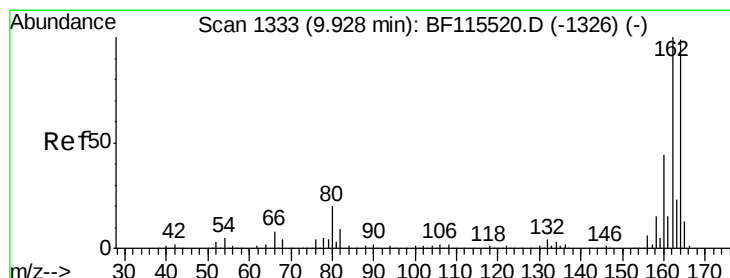
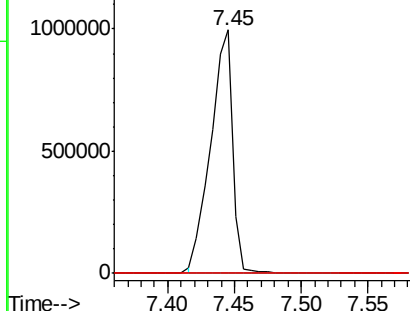
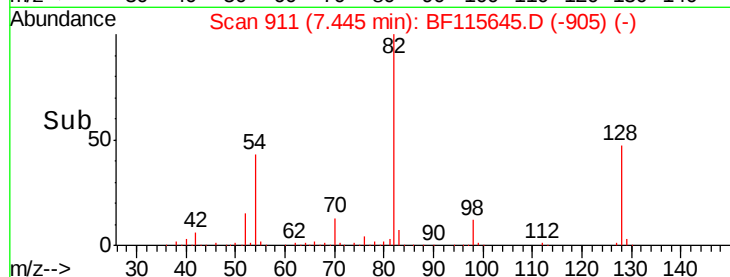
138 0.0 14.9 22.3#



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: BF115645.D

Acq: 18 Jul 2019 13:38

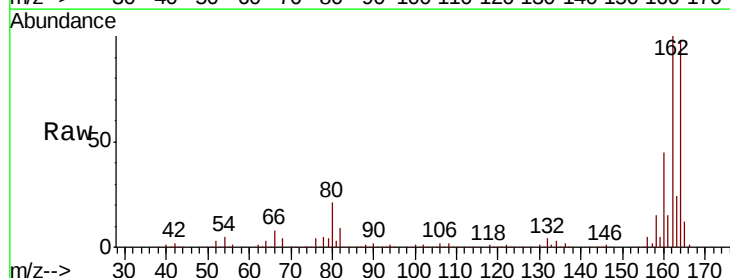
Tgt Ion: 164 Resp: 391629

Ion Ratio Lower Upper

164 100

162 102.1 82.9 124.3

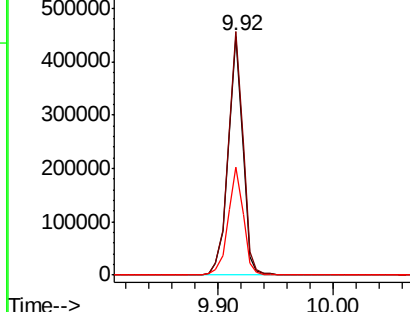
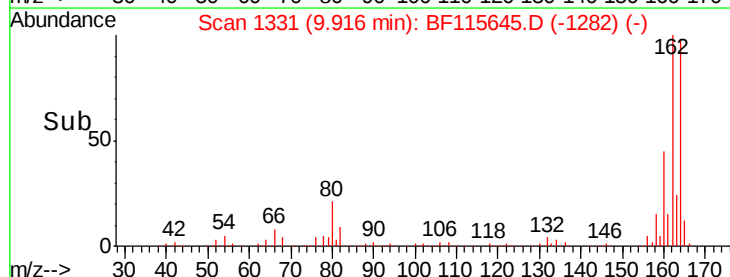
160 45.5 36.8 55.2

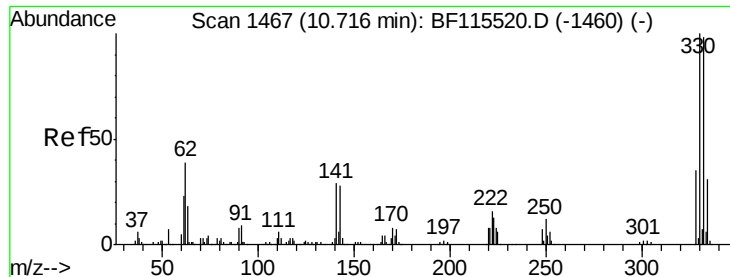


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 111.677 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

Instrument :

BNA_F

ClientSampleId :

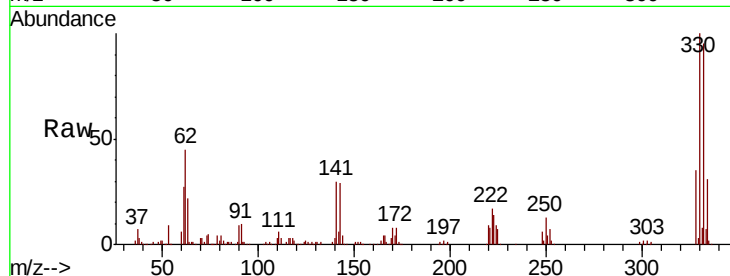
Tot Ion:330 Resp: 510503

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

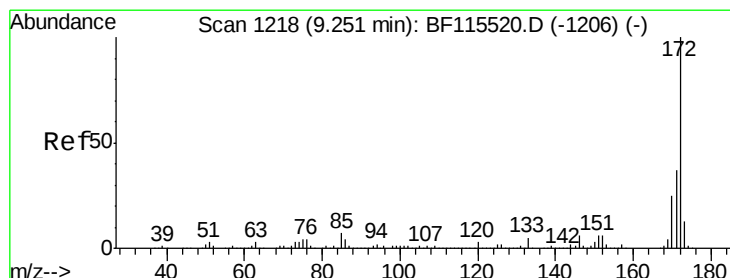
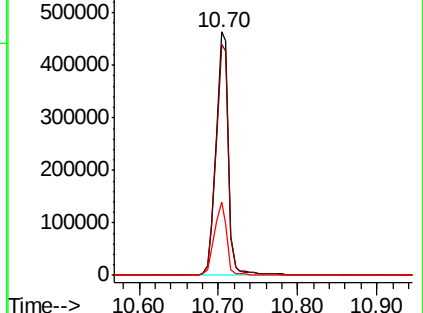
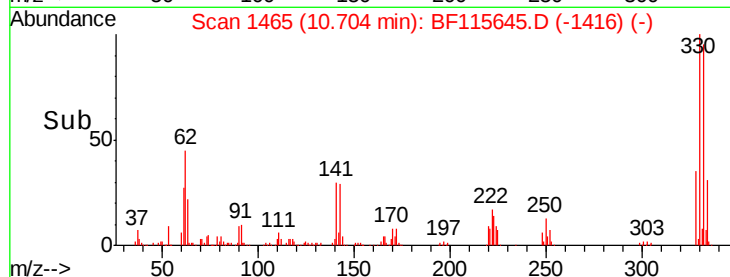
141 30.1 22.4 33.6



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: 90.353 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

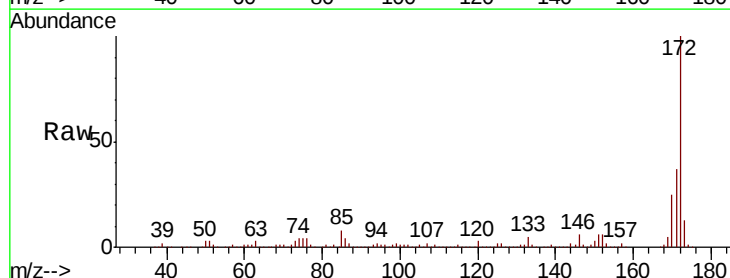
Tgt Ion:172 Resp: 2021669

Ion Ratio Lower Upper

172 100

171 37.1 30.6 46.0

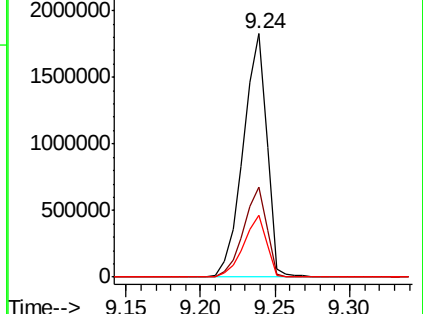
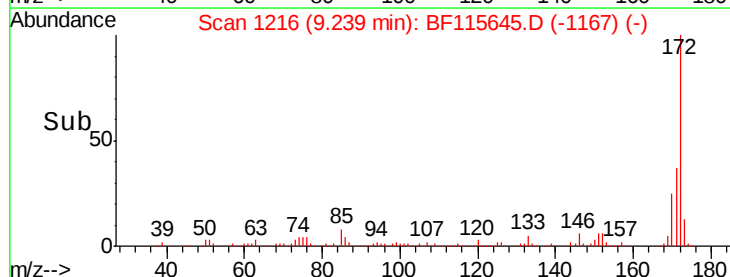
170 25.2 20.5 30.7

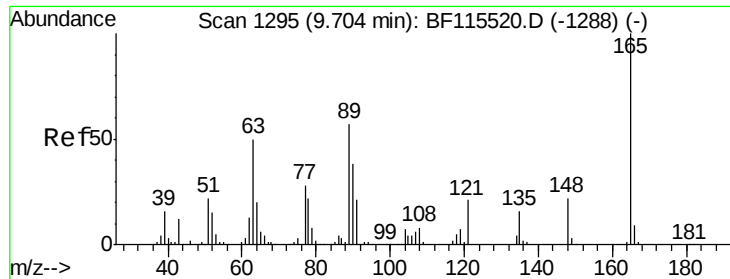


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

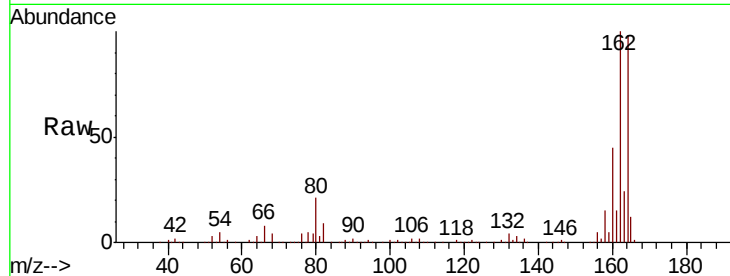




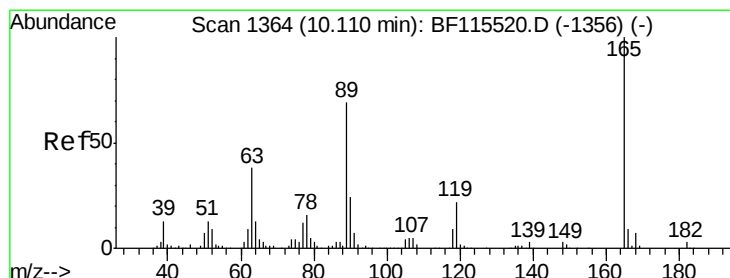
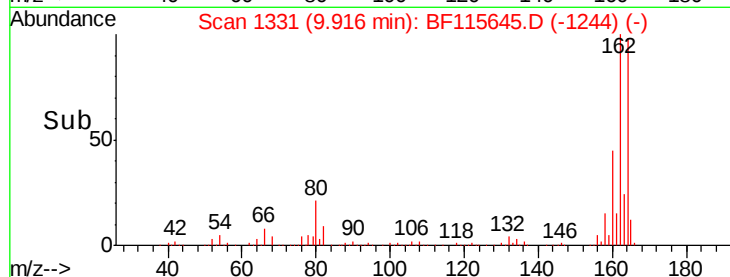
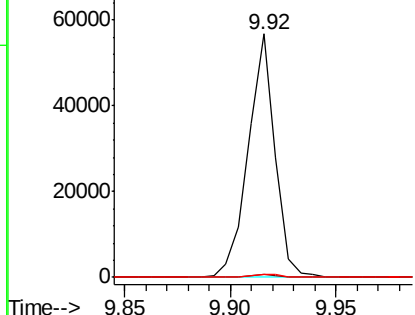
#51
 2,6-Dinitrotoluene
 Concen: 7.474 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115645.D
 Acq: 18 Jul 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.6	61.0#
89	1.2	43.9	65.9#

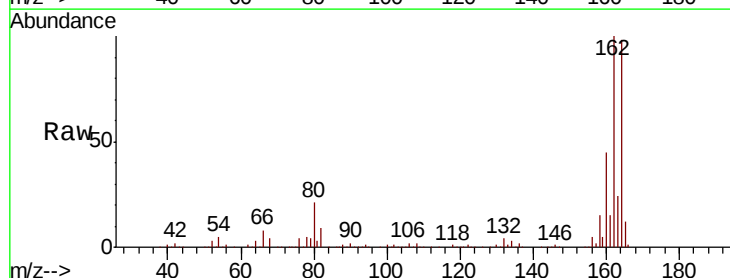


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

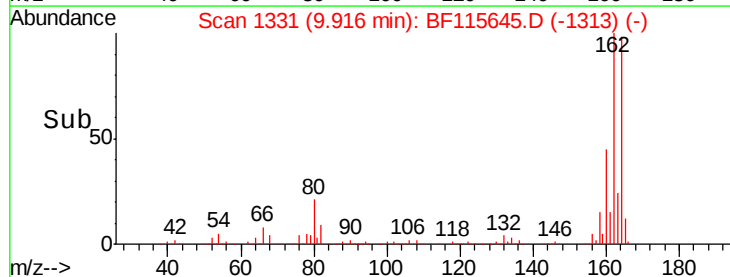
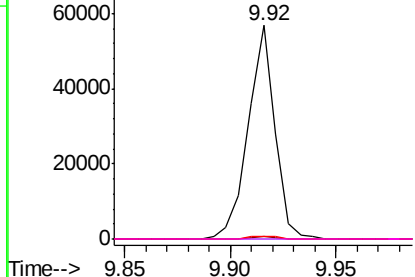


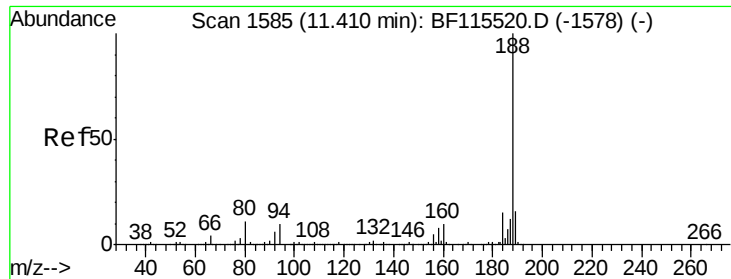
#57
 2,4-Dinitrotoluene
 Concen: 5.769 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115645.D
 Acq: 18 Jul 2019 13:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.9	52.3#
89	1.2	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

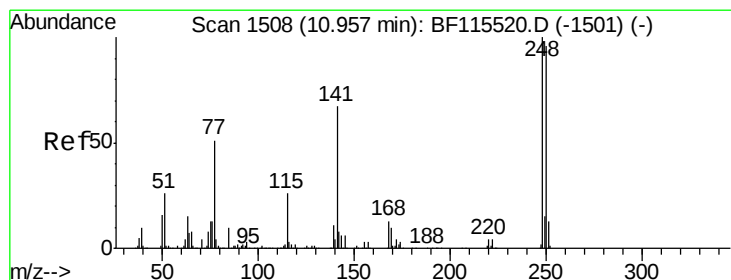
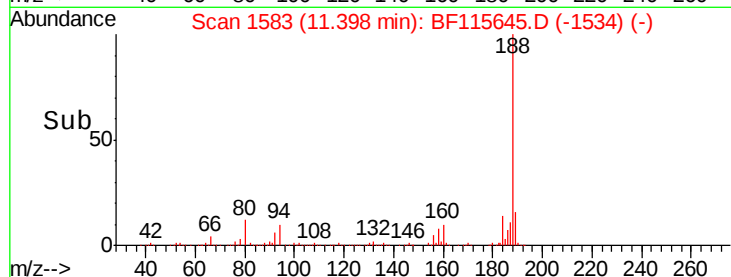
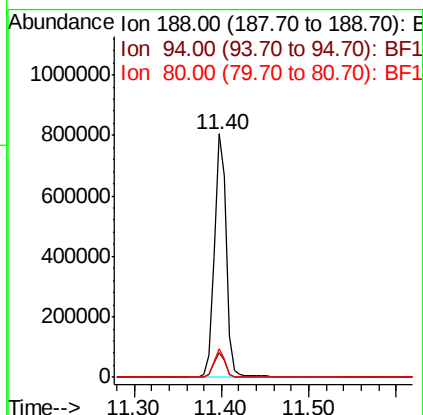
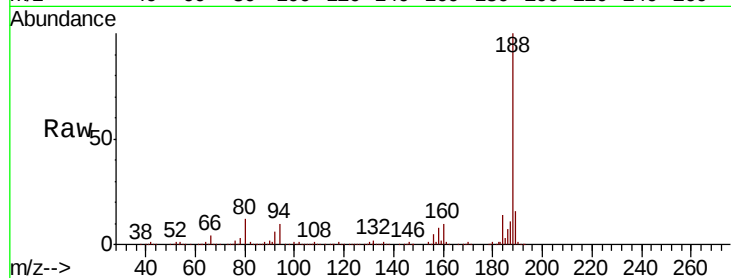




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115645.D
Acq: 18 Jul 2019 13:38

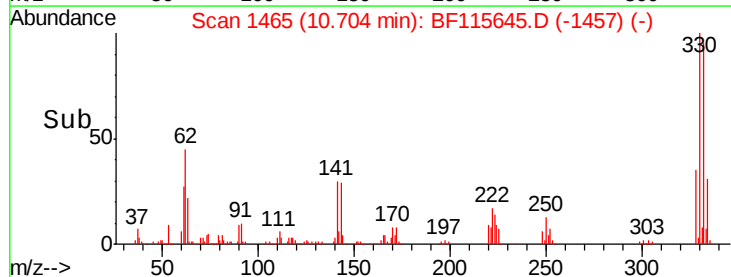
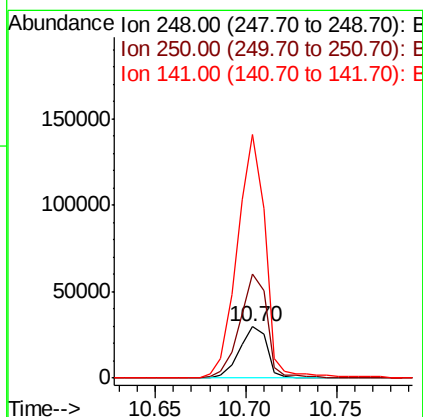
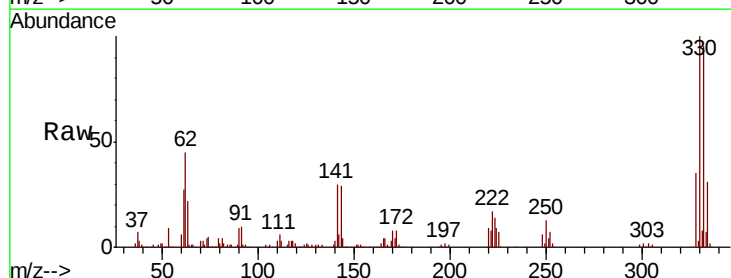
Instrument :
BNA_F
ClientSampleId :

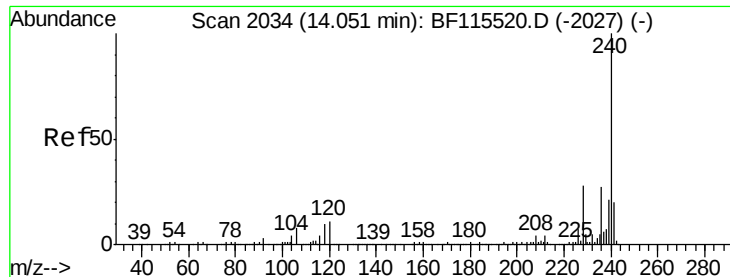
Tot Ion:188 Resp: 760718
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.7 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 3.636 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115645.D
Acq: 18 Jul 2019 13:38

Tgt Ion:248 Resp: 31610
Ion Ratio Lower Upper
248 100
250 203.7 78.0 117.0#
141 475.1 57.7 86.5#

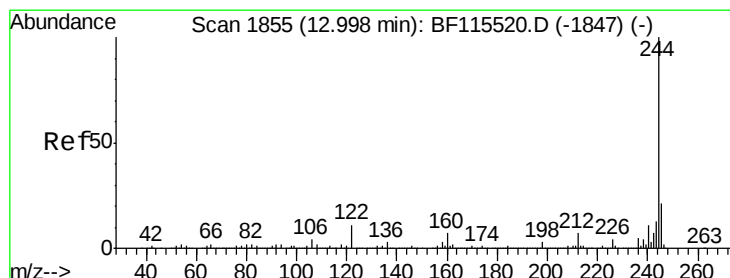
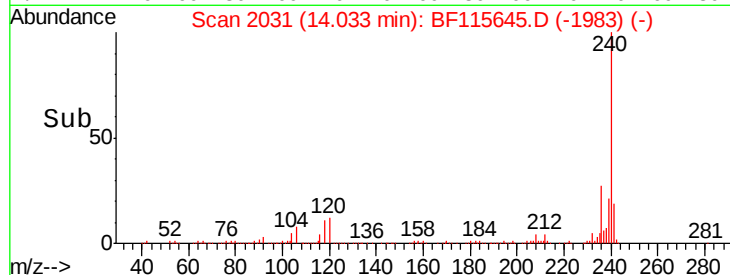
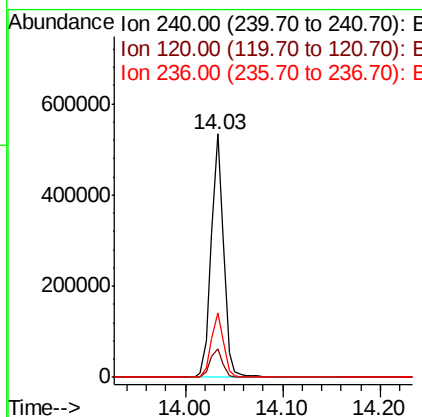
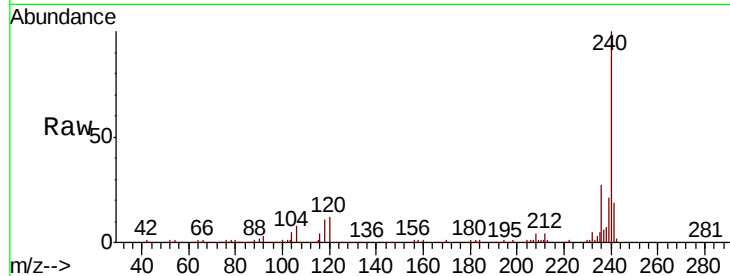




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115645.D
 Acq: 18 Jul 2019 13:38

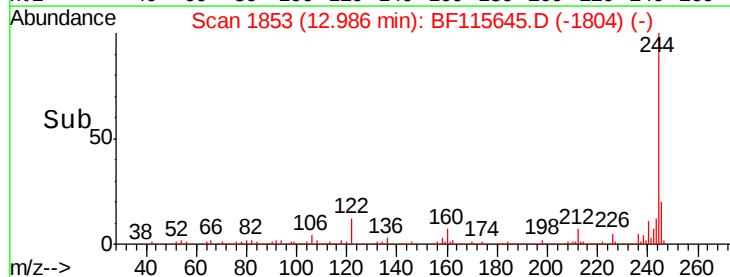
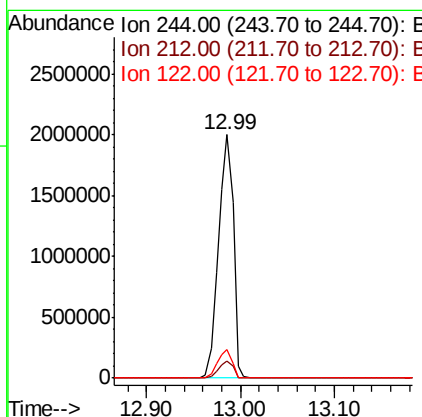
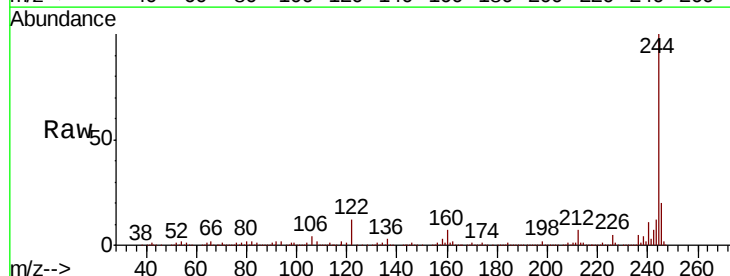
Instrument :
 BNA_F
 ClientSampleId :

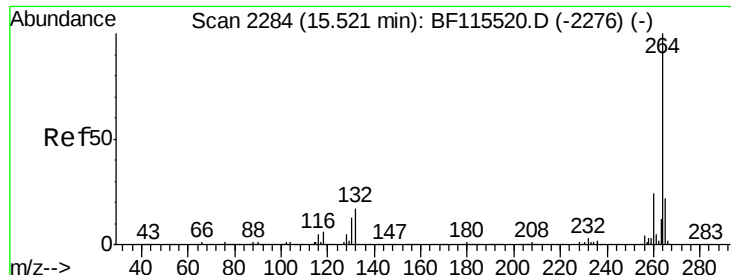
Tot Ion:240 Resp: 473652
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.6 13.0
 236 26.7 21.3 31.9



#79
 Terphenyl-d14
 Concen: 86.312 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115645.D
 Acq: 18 Jul 2019 13:38

Tgt Ion:244 Resp: 2215614
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.5 8.6 12.8

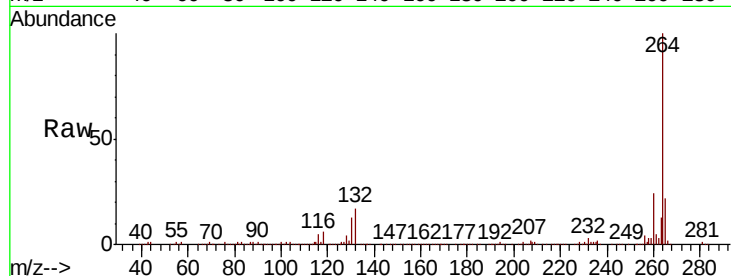




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115645.D
 Acq: 18 Jul 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	21.7	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

