

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115569.D
 Acq On : 15 Jul 2019 21:00
 Operator : HP/JU
 Sample : PB121261TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:44:15 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

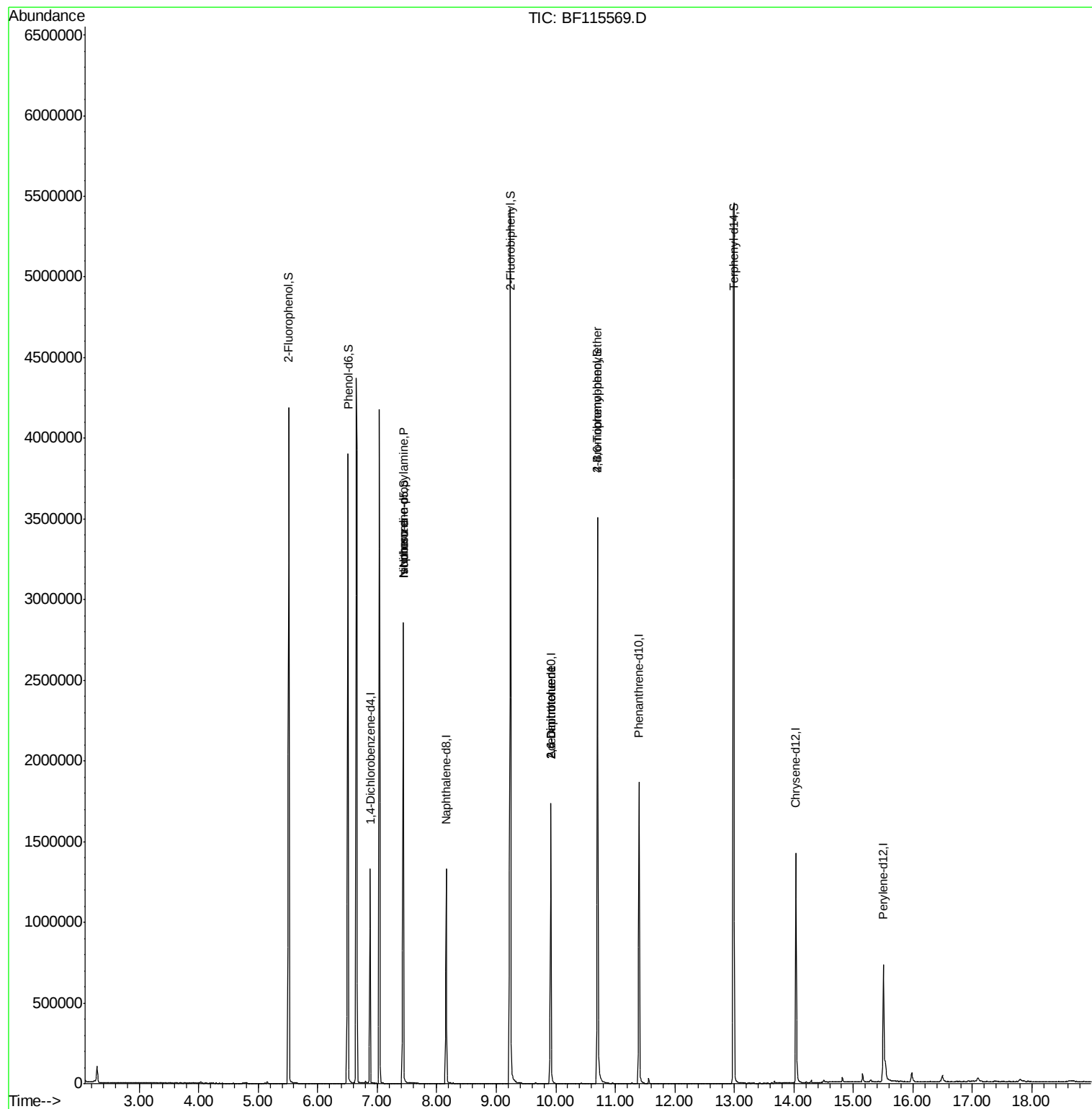
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	190722	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	737761	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	379126	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	757952	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	541443	20.00	ng	-0.02
87) Perylene-d12	15.50	264	471337	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1367334	117.27	ng	0.01
7) Phenol-d6	6.51	99	1809499	122.30	ng	0.00
23) Nitrobenzene-d5	7.44	82	1126530	88.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	542137	122.51	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	2121112	97.92	ng	-0.01
79) Terphenyl-d14	12.99	244	2358674	80.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	150233	15.570	ng	# 77
25) Isophorone	7.44	82	1112643	43.824	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	47084	7.263	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	47085	5.607	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	33507	3.868	ng	# 1

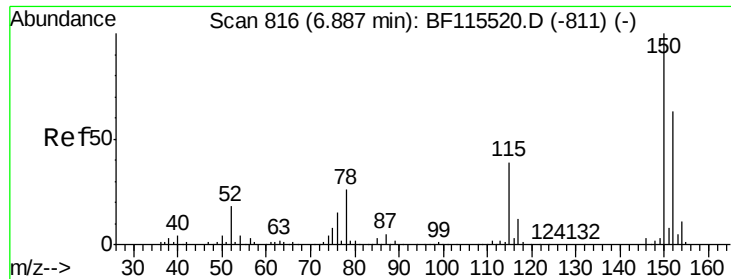
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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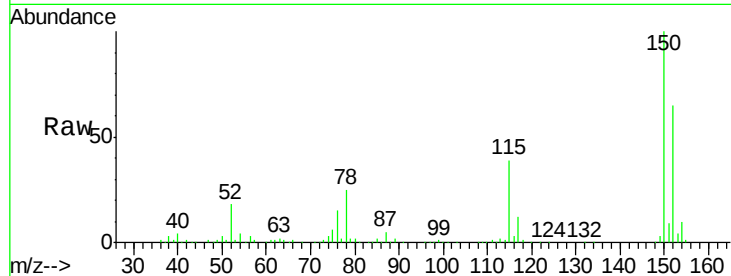


#1

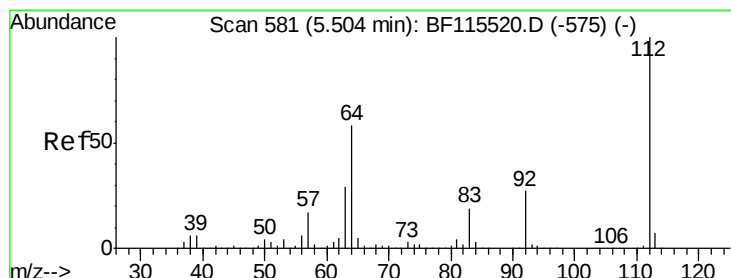
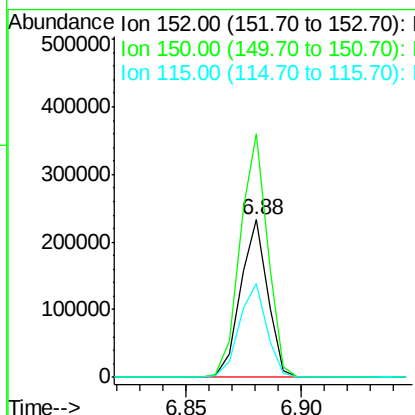
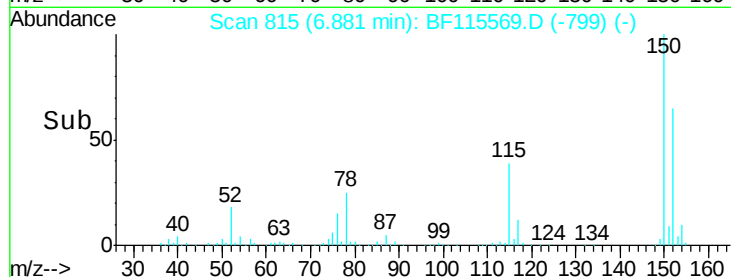
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115569.D
Acq: 15 Jul 2019 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 190722
Ion Ratio Lower Upper
152 100
150 154.3 129.7 194.5
115 59.5 48.2 72.4



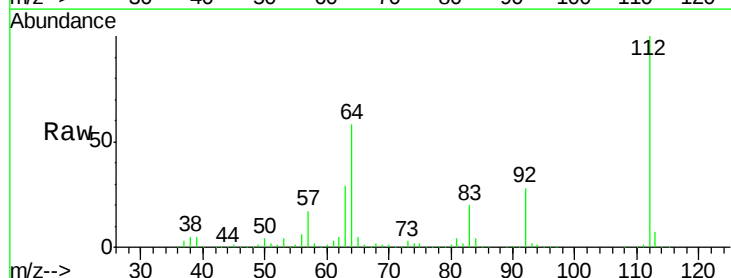
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



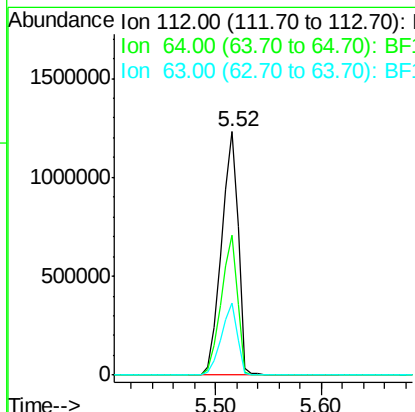
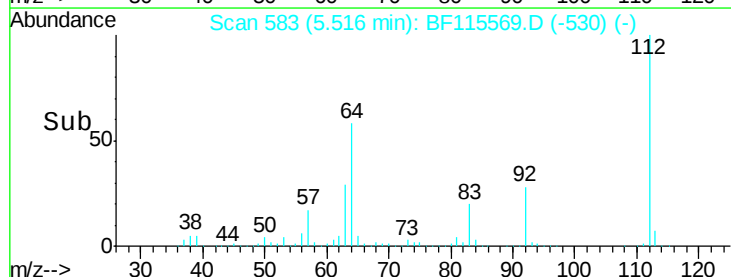
#5

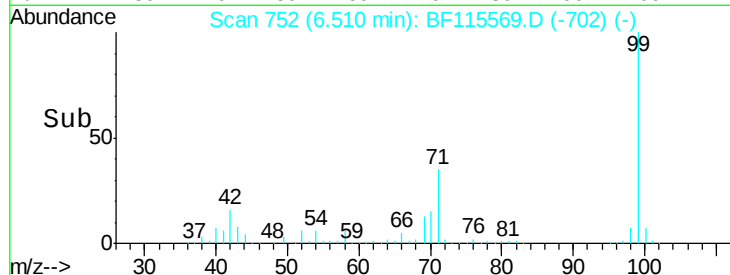
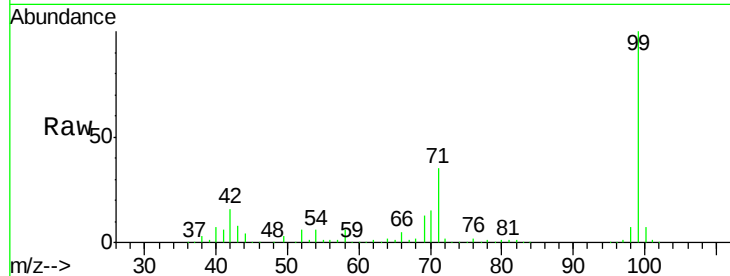
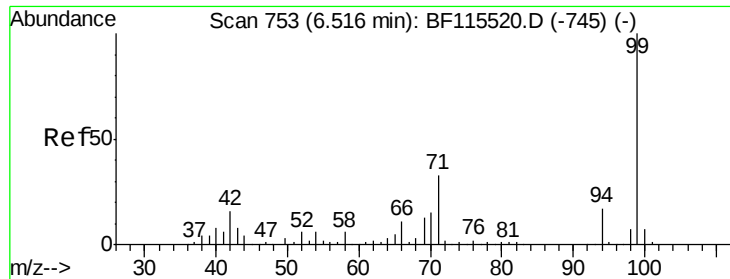
2-Fluorophenol
Concen: 117.268 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115569.D
Acq: 15 Jul 2019 21:00

Tgt Ion:112 Resp: 1367334
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 29.5 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: 122.304 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115569.D

Acq: 15 Jul 2019 21:00

Instrument :

BNA_F

ClientSampleId :

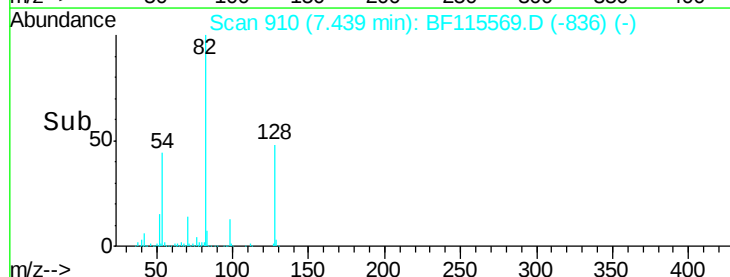
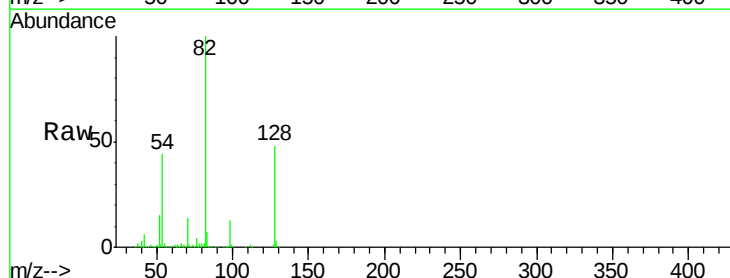
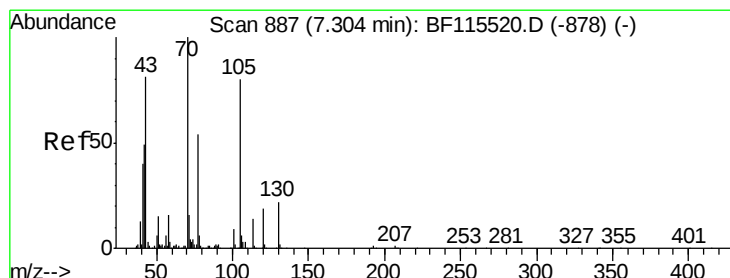
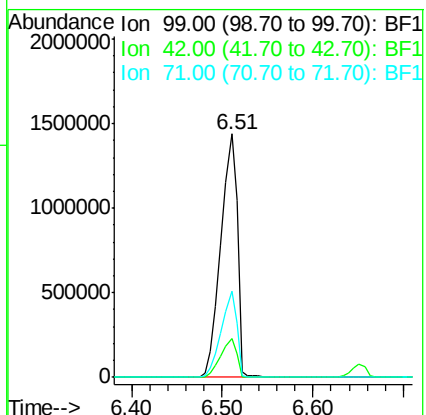
Tot Ion: 99 Resp: 1809499

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

71 35.1 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.570 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115569.D

Acq: 15 Jul 2019 21:00

Tgt Ion: 70 Resp: 150233

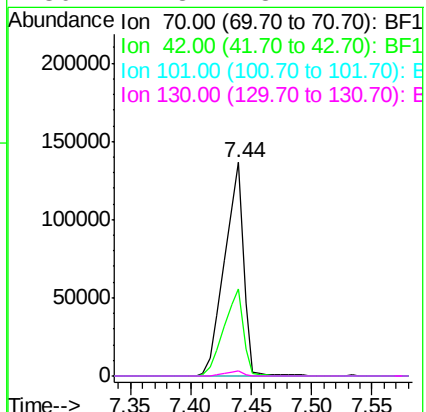
Ion Ratio Lower Upper

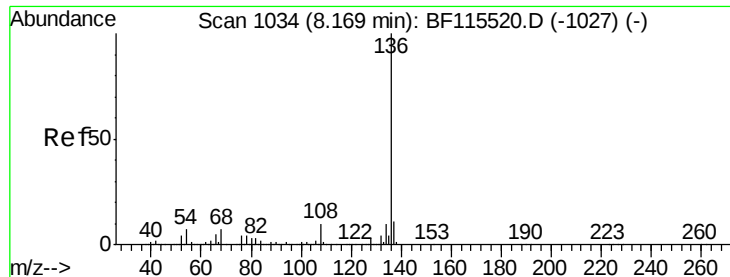
70 100

42 40.6 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# 1032

Delta R.T. -0.01 min

Lab File: BF115569.D

Acq: 15 Jul 2019 21:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 737761

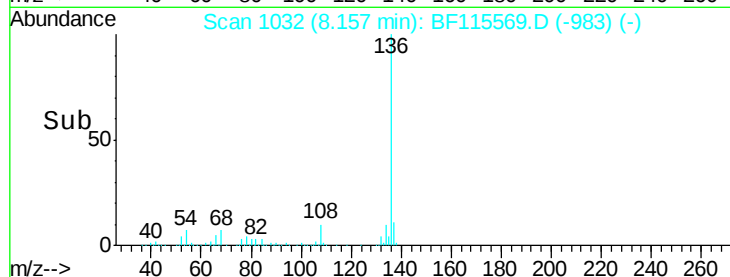
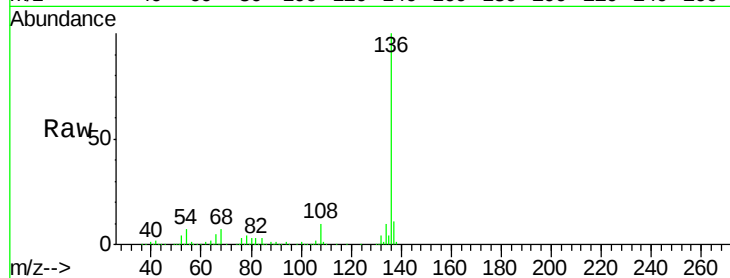
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.6 8.4

68 6.6 5.0 7.6

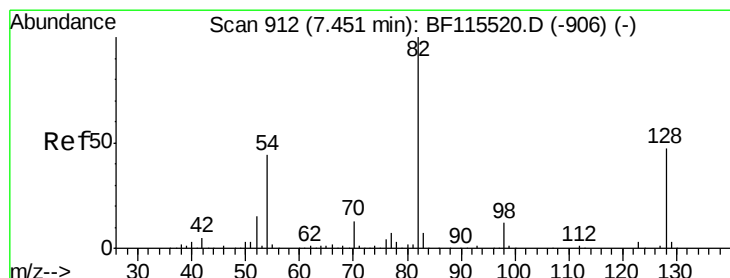
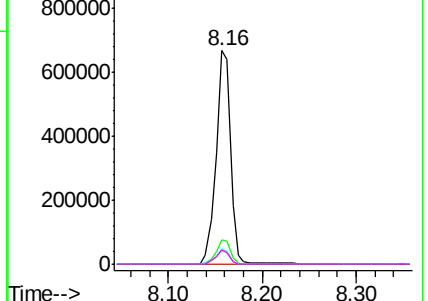


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.787 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115569.D

Acq: 15 Jul 2019 21:00

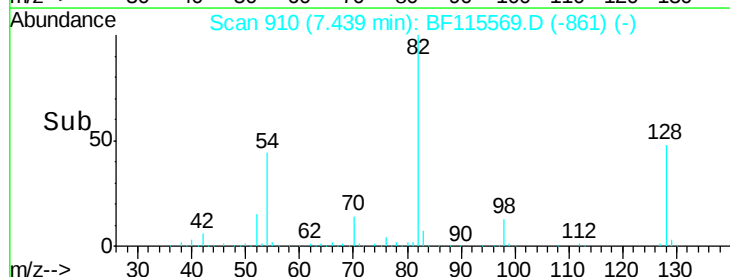
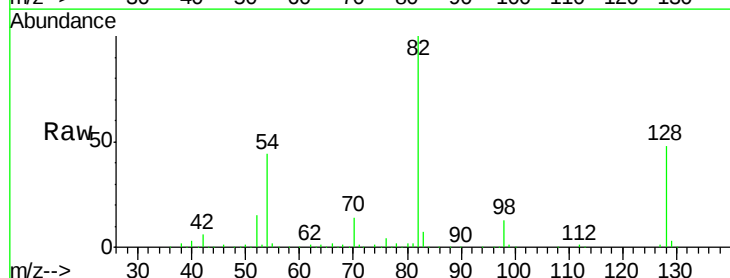
Tgt Ion: 82 Resp: 1126530

Ion Ratio Lower Upper

82 100

128 47.9 38.6 57.8

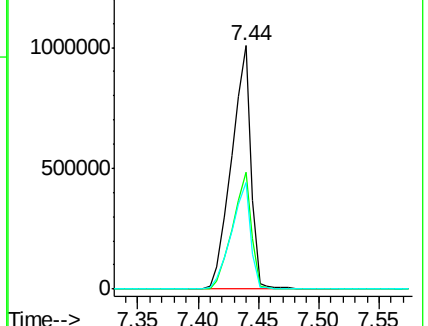
54 44.0 35.6 53.4



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

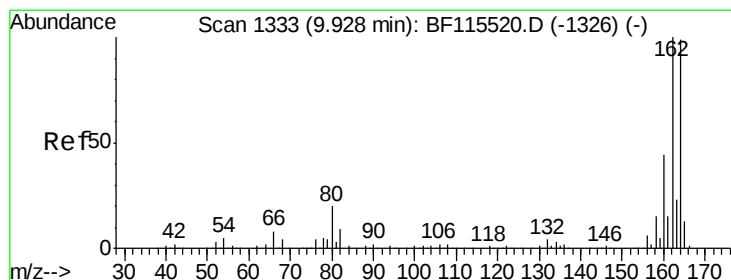
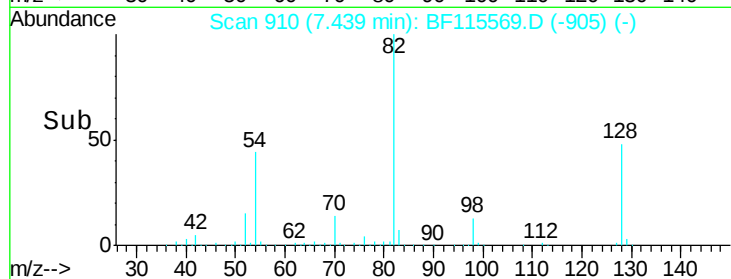
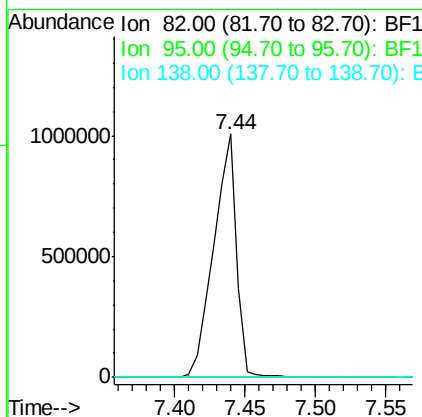
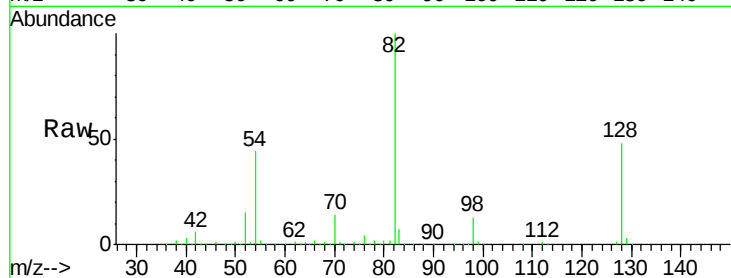




#25
Isophorone
Concen: 43.824 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115569.D
Acq: 15 Jul 2019 21:00

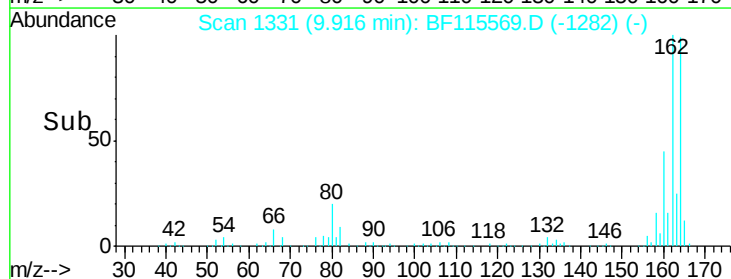
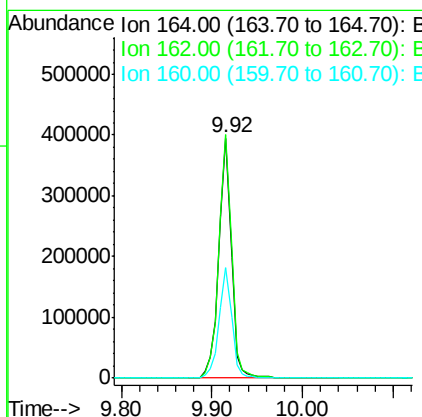
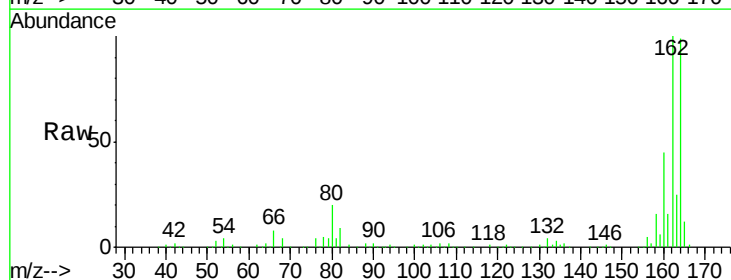
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1112643
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115569.D
Acq: 15 Jul 2019 21:00

Tgt Ion:164 Resp: 379126
Ion Ratio Lower Upper
164 100
162 101.3 82.9 124.3
160 46.0 36.8 55.2

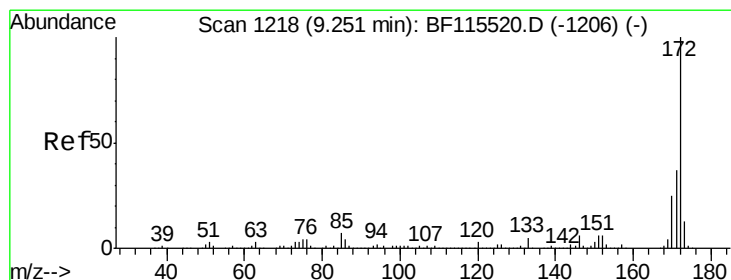
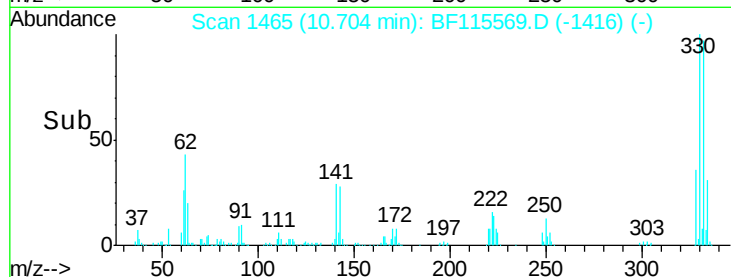
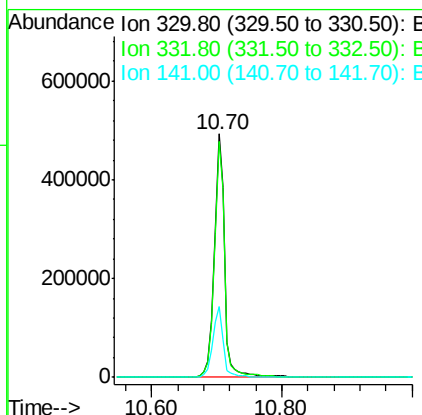
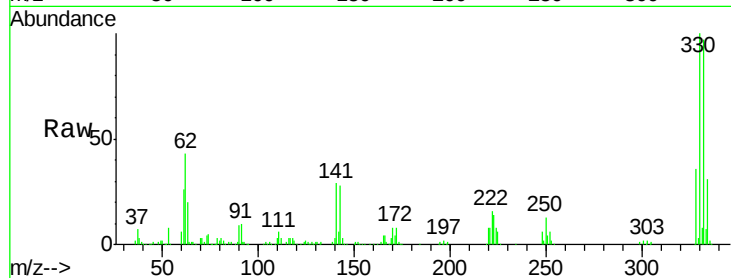




#42
 2,4,6-Tribromophenol
 Concen: 122.508 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115569.D
 Acq: 15 Jul 2019 21:00

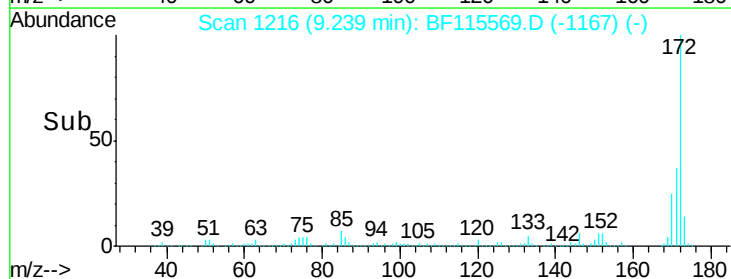
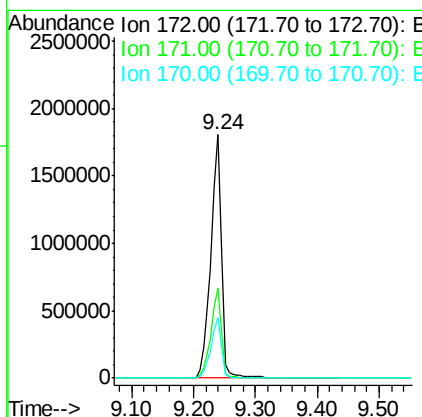
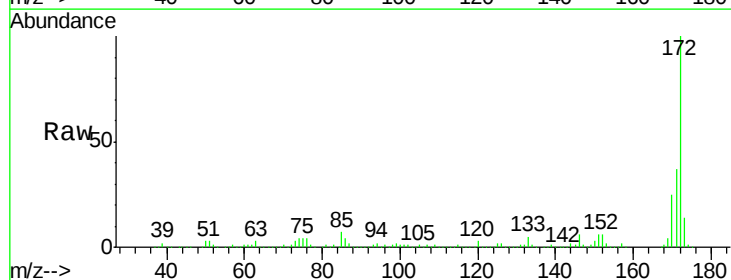
Instrument :
 BNA_F
 ClientSampleId :

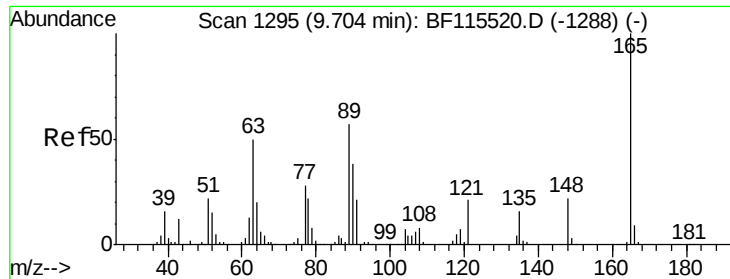
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	29.5	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 97.924 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115569.D
 Acq: 15 Jul 2019 21:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.1	20.5	30.7





#51

2,6-Dinitrotoluene

Concen: 7.263 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF115569.D

Acq: 15 Jul 2019 21:00

Instrument :

BNA_F

ClientSampleId :

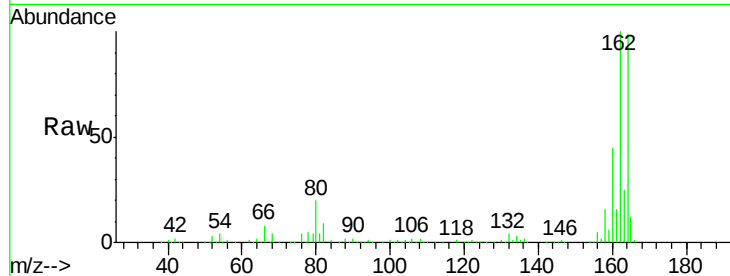
Tot Ion:165 Resp: 47084

Ion Ratio Lower Upper

165 100

63 1.2 40.6 61.0#

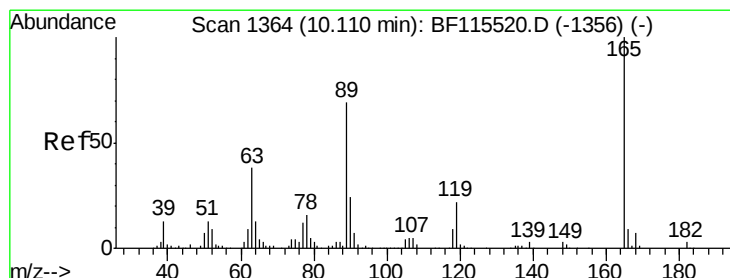
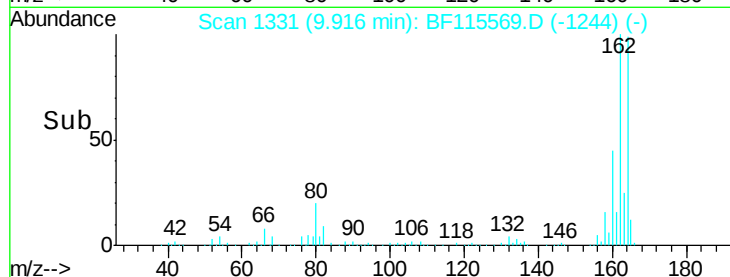
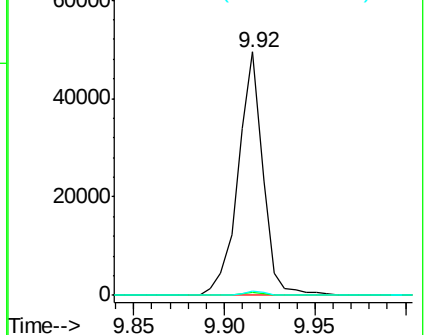
89 1.5 43.9 65.9#



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: 5.607 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115569.D

Acq: 15 Jul 2019 21:00

Tgt Ion:165 Resp: 47085

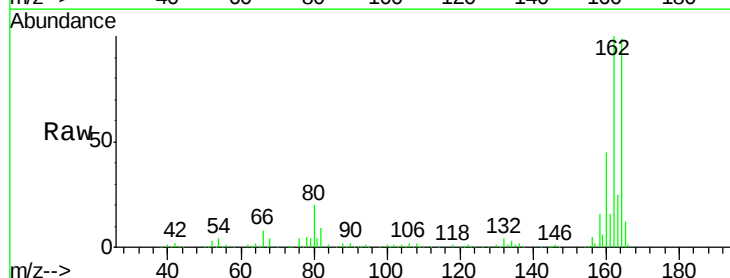
Ion Ratio Lower Upper

165 100

63 1.2 34.9 52.3#

89 1.5 57.5 86.3#

182 0.0 2.2 3.4#

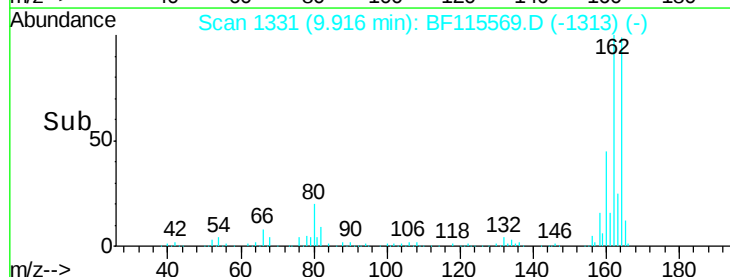
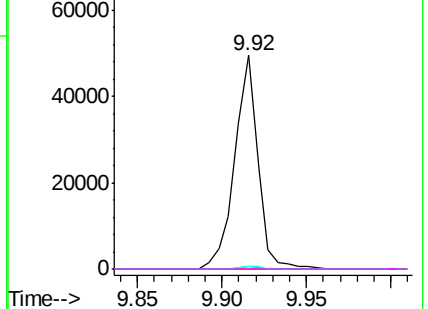


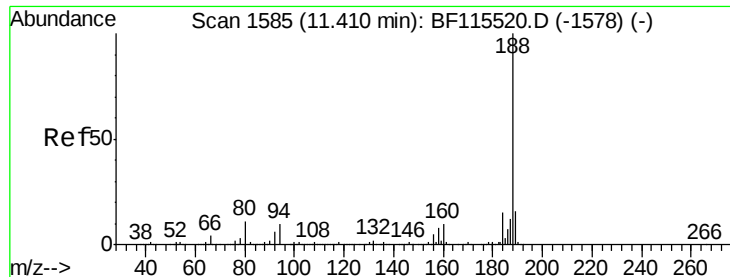
Abundance Ion 165.00 (164.70 to 165.70): E

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

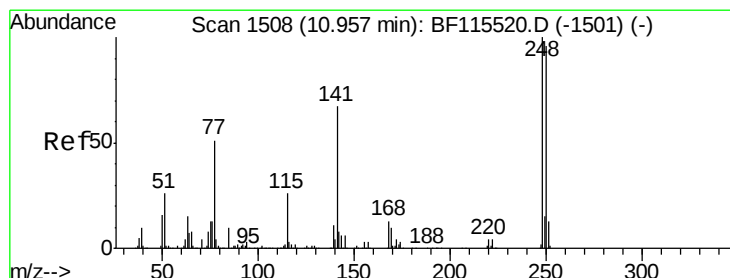
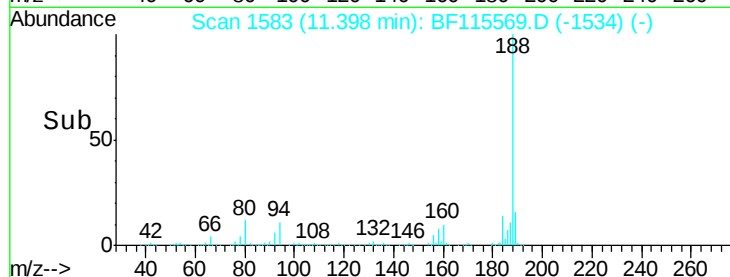
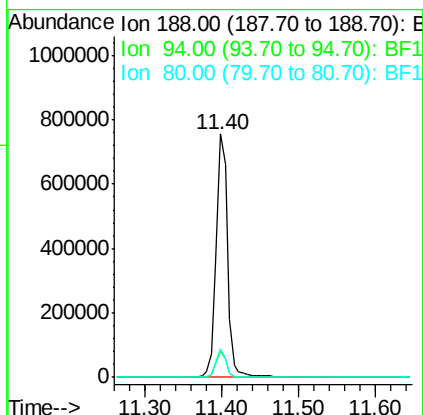
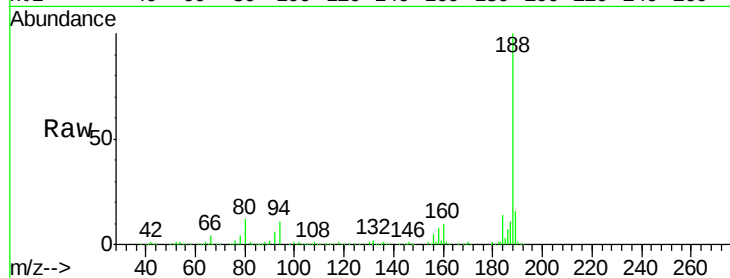




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115569.D
Acq: 15 Jul 2019 21:00

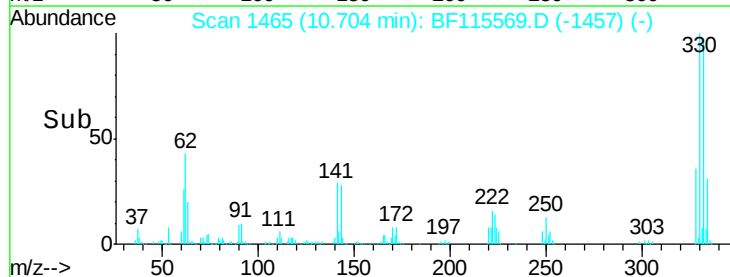
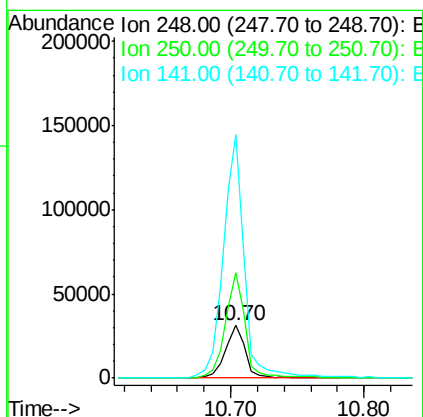
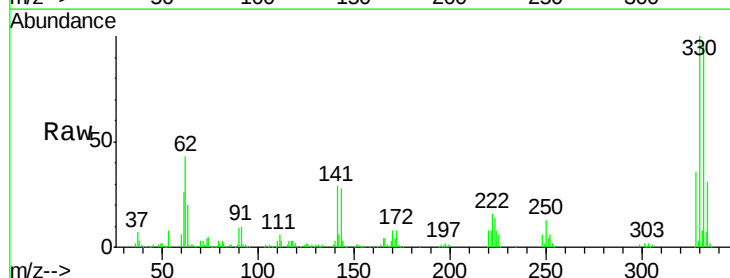
Instrument :
BNA_F
ClientSampleId :

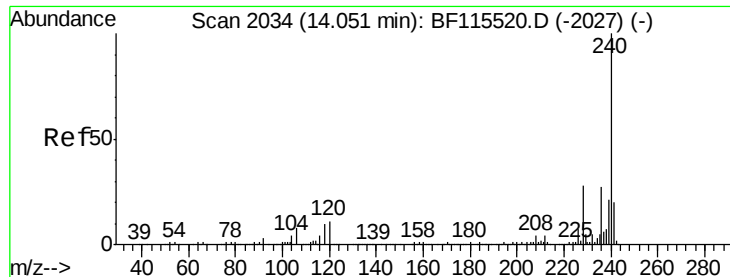
Tot Ion:188 Resp: 757952
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.8 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 3.868 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115569.D
Acq: 15 Jul 2019 21:00

Tgt Ion:248 Resp: 33507
Ion Ratio Lower Upper
248 100
250 200.5 78.0 117.0#
141 462.0 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: BF115569.D

Acq: 15 Jul 2019 21:00

Instrument :

BNA_F

ClientSampleId :

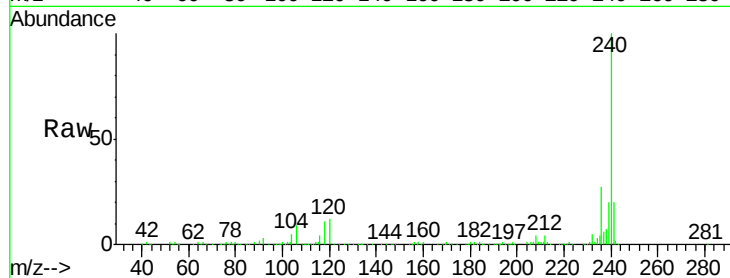
Tot Ion:240 Resp: 541443

Ion Ratio Lower Upper

240 100

120 12.1 8.6 13.0

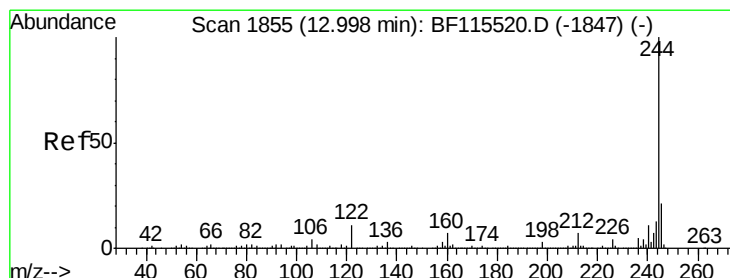
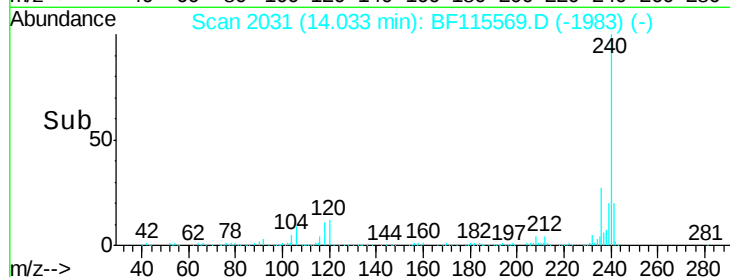
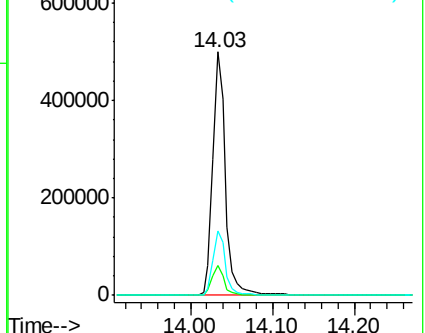
236 26.6 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 80.381 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115569.D

Acq: 15 Jul 2019 21:00

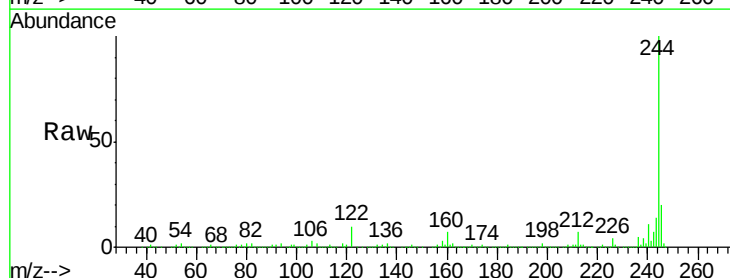
Tgt Ion:244 Resp: 2358674

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

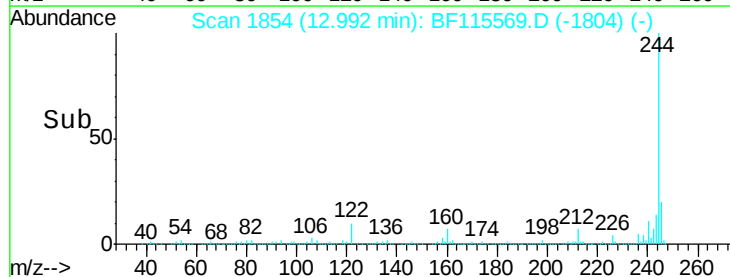
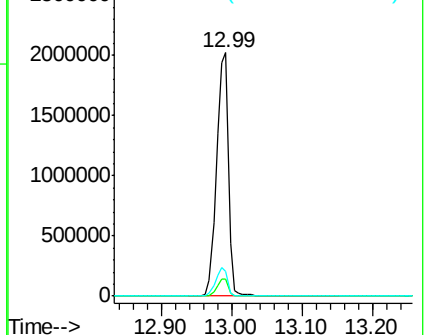
122 10.2 8.6 12.8

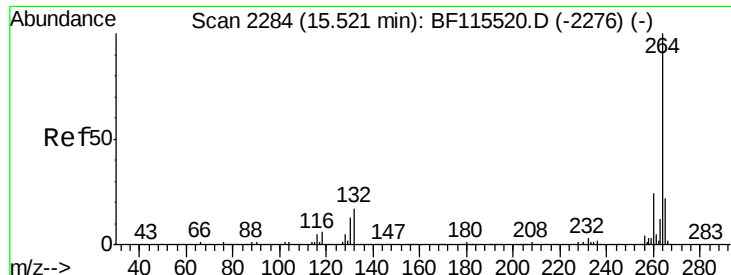


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

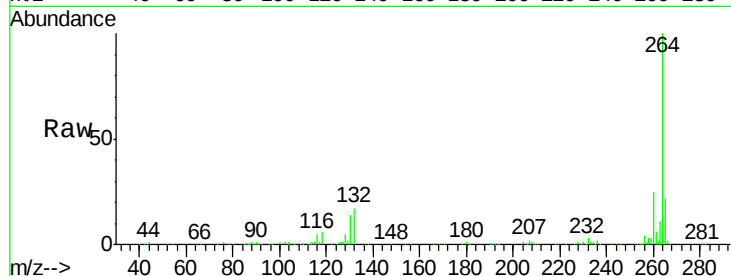




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115569.D
 Acq: 15 Jul 2019 21:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.6	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

