

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115568.D
 Acq On : 15 Jul 2019 20:33
 Operator : HP/JU
 Sample : PB121261BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:44:03 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

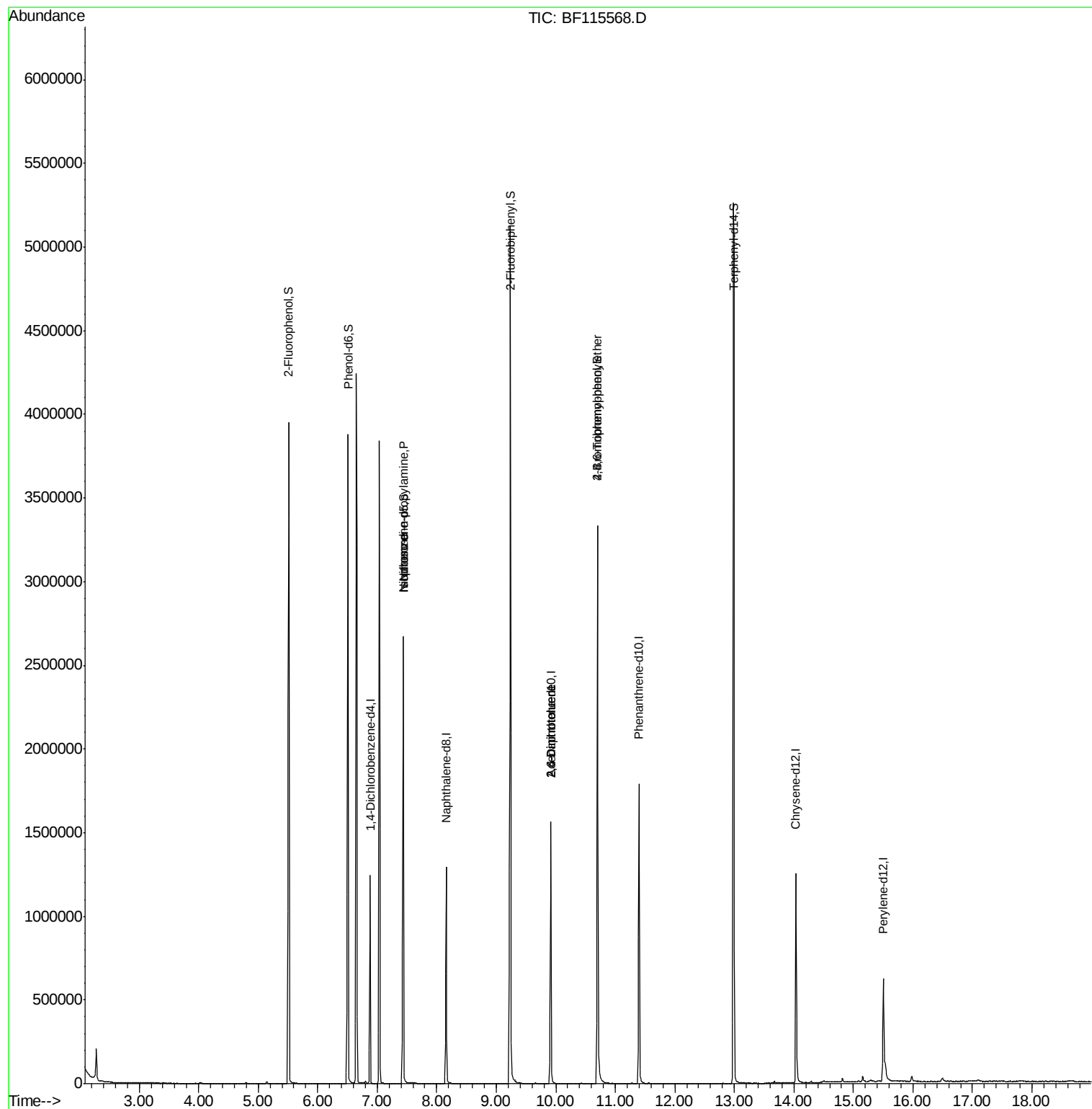
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	172480	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	680573	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	344233	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	697329	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	498286	20.00	ng	-0.02
87) Perylene-d12	15.50	264	430906	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1257572	119.26	ng	0.01
7) Phenol-d6	6.51	99	1636608	122.32	ng	0.00
23) Nitrobenzene-d5	7.44	82	1052588	89.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	519052	129.18	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1988453	101.10	ng	-0.01
79) Terphenyl-d14	12.99	244	2242310	83.03	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	139801	16.021	ng	# 78
25) Isophorone	7.44	82	1038144	44.326	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	43880	7.455	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	43880	5.755	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	30847	3.871	ng	# 1

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

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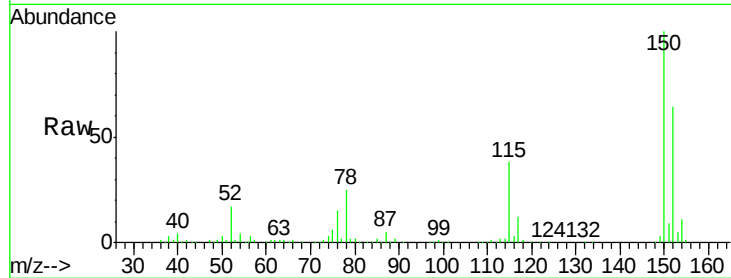


#1

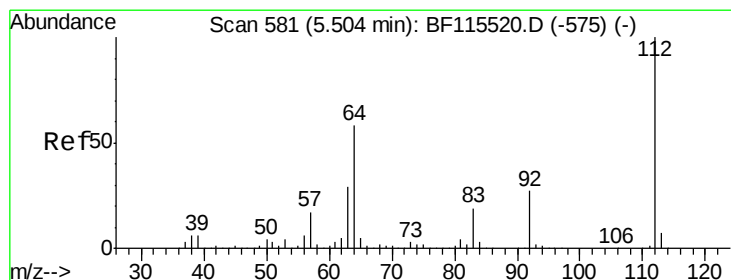
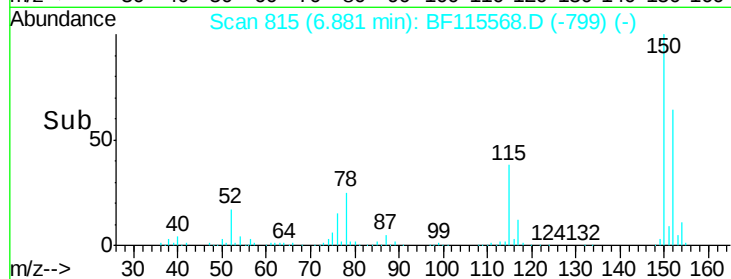
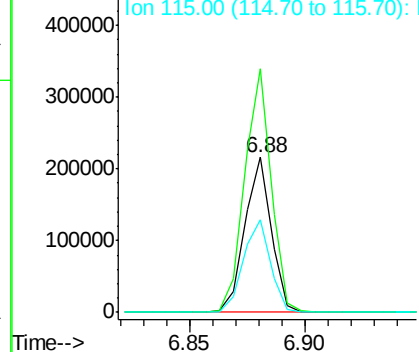
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 172480
 Ion Ratio Lower Upper
 152 100
 150 157.3 129.7 194.5
 115 60.1 48.2 72.4



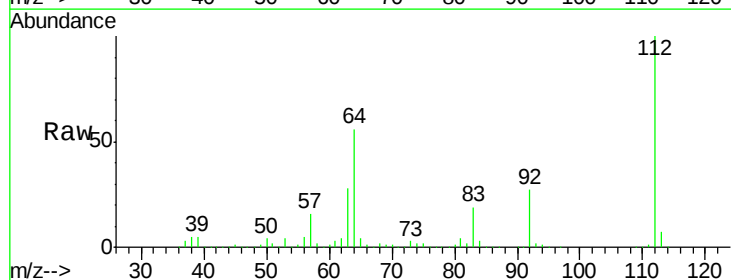
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



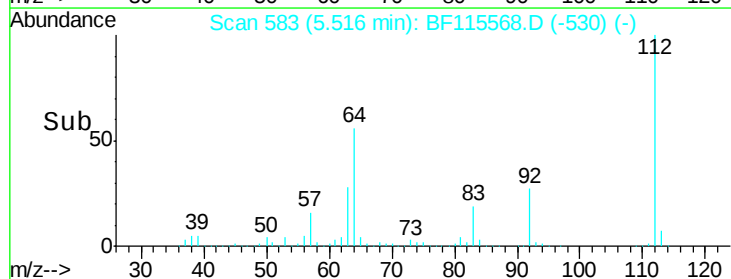
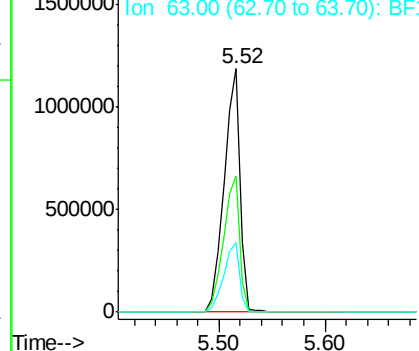
#5

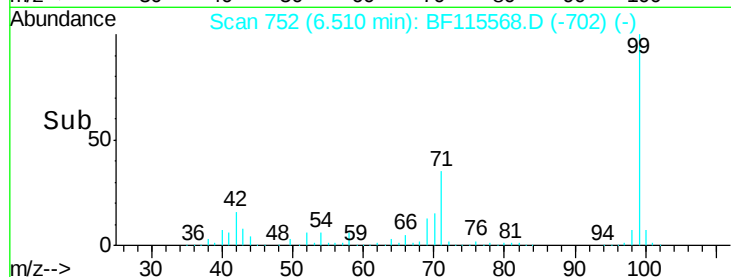
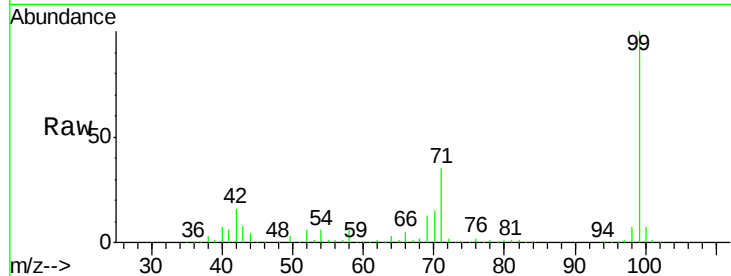
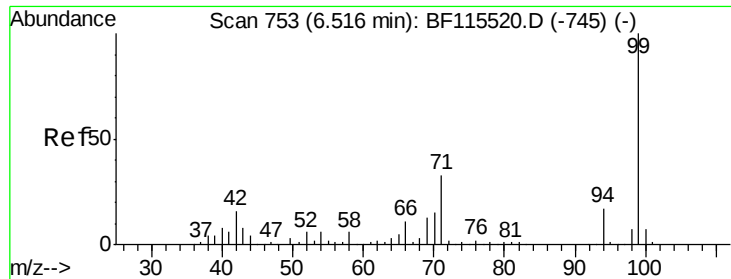
2-Fluorophenol
 Concen: 119.262 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

Tgt Ion:112 Resp: 1257572
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.8 70.2
 63 28.3 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: 122.318 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

Instrument :

BNA_F

ClientSampleId :

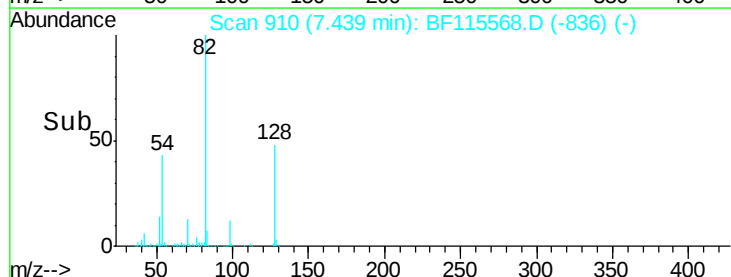
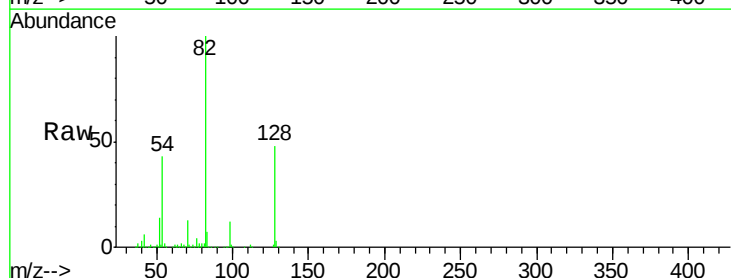
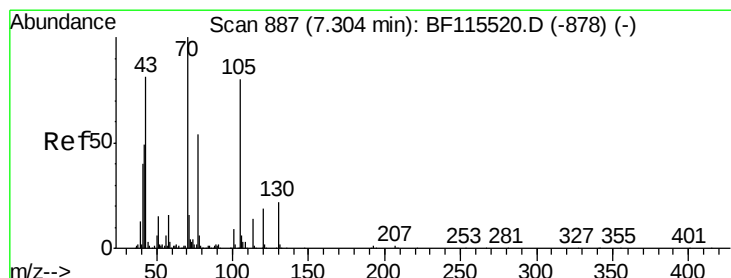
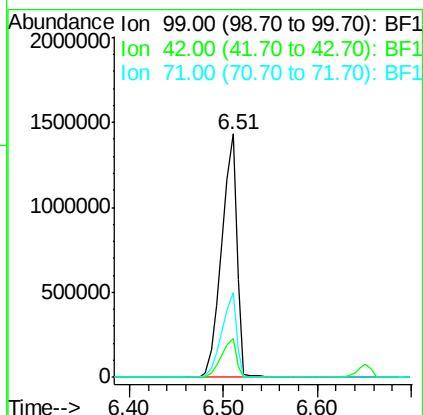
Tot Ion: 99 Resp: 1636608

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

71 35.0 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.021 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

Tgt Ion: 70 Resp: 139801

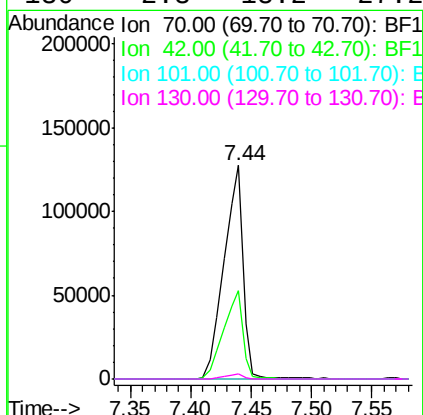
Ion Ratio Lower Upper

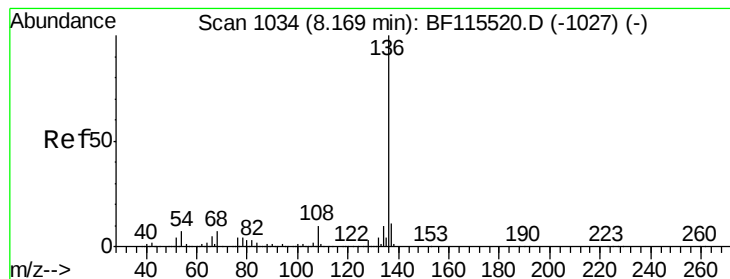
70 100

42 41.1 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: BF115568.D

Acq: 15 Jul 2019 20:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 680573

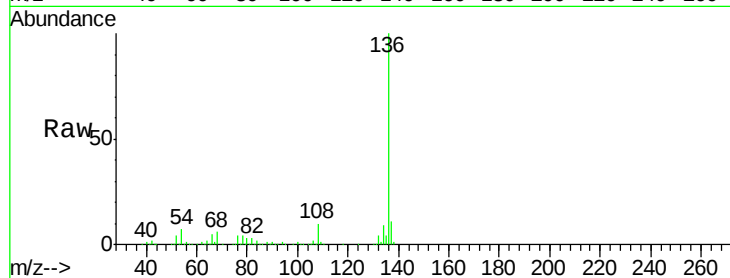
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.2 5.6 8.4

68 6.5 5.0 7.6

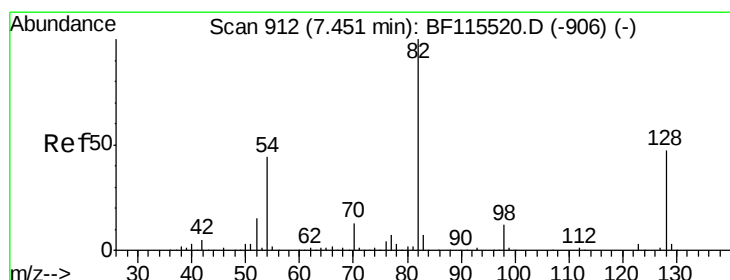
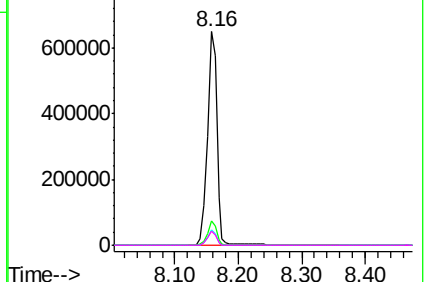
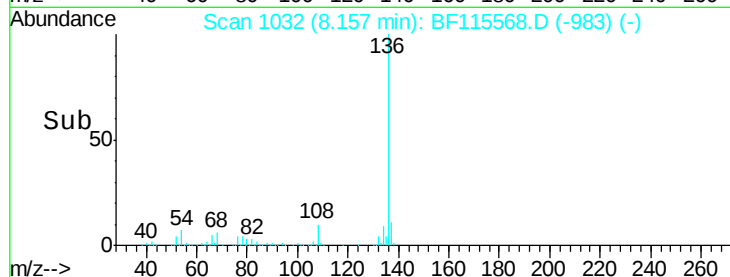


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.931 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

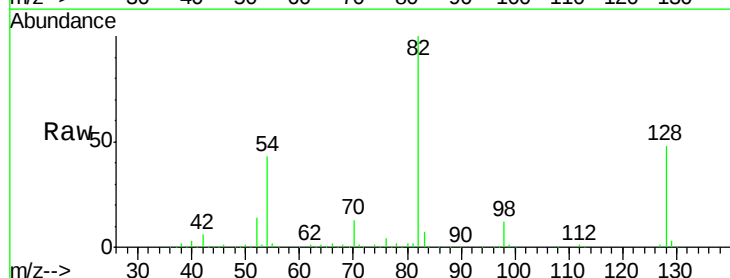
Tgt Ion: 82 Resp: 1052588

Ion Ratio Lower Upper

82 100

128 47.5 38.6 57.8

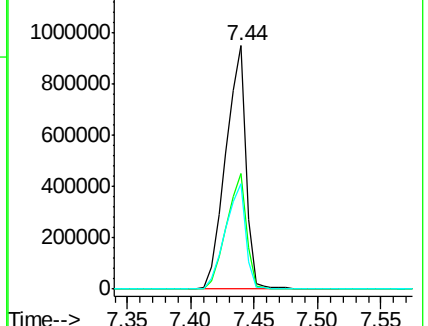
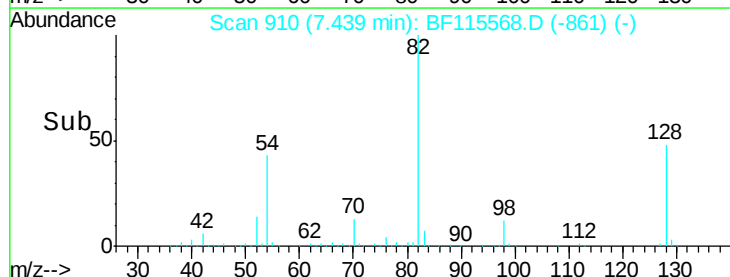
54 43.2 35.6 53.4



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

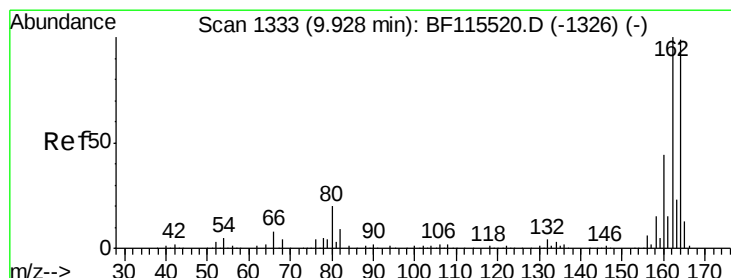
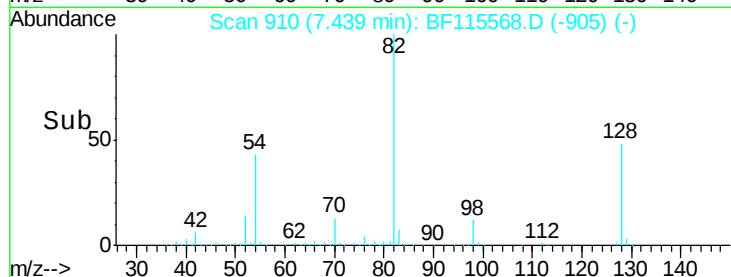
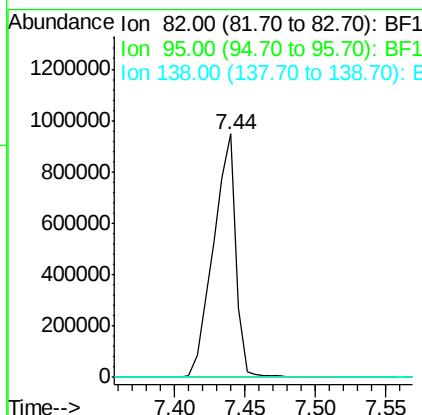
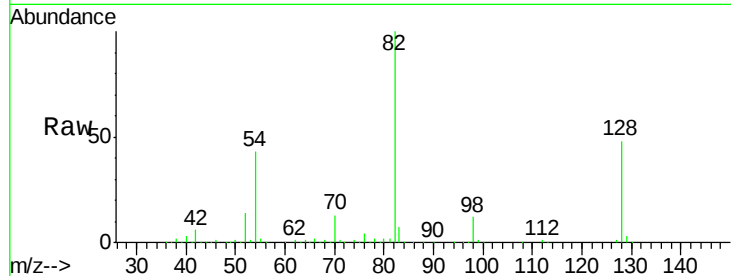




#25
Isophorone
Concen: 44.326 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115568.D
Acq: 15 Jul 2019 20:33

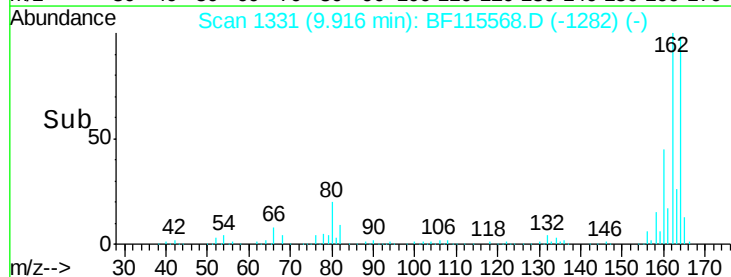
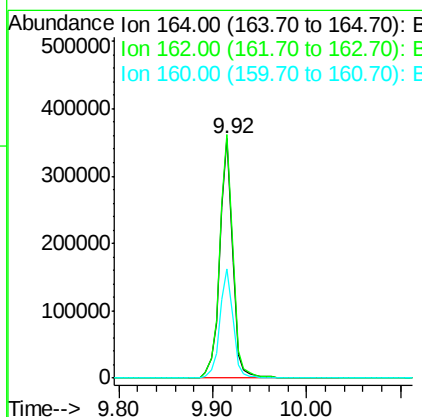
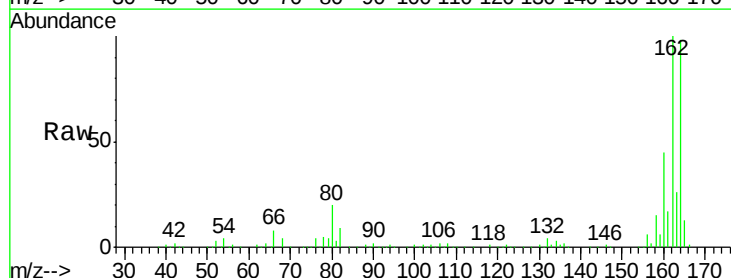
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1038144
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: BF115568.D
Acq: 15 Jul 2019 20:33

Tgt Ion: 164 Resp: 344233
Ion Ratio Lower Upper
164 100
162 101.7 82.9 124.3
160 45.8 36.8 55.2

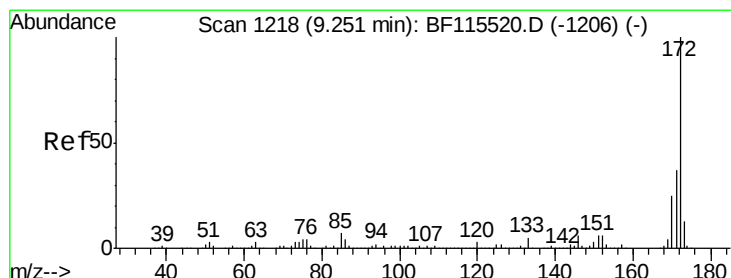
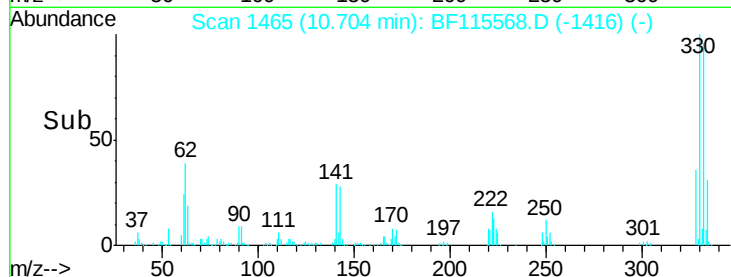
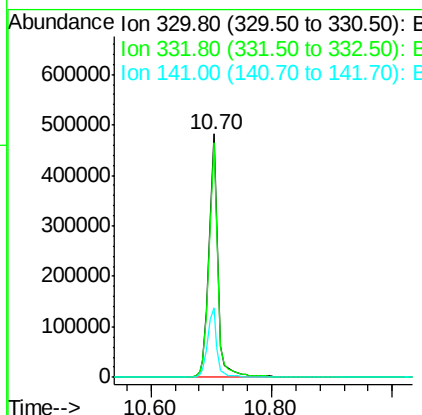
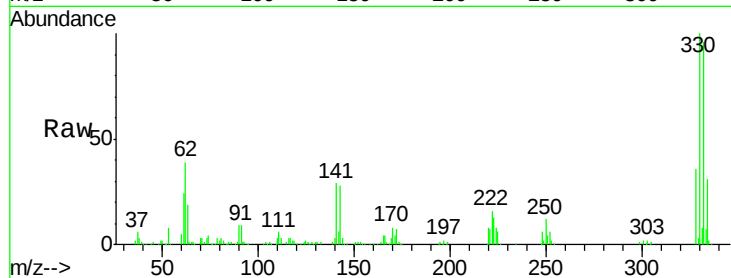




#42
 2,4,6-Tribromophenol
 Concen: 129.181 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

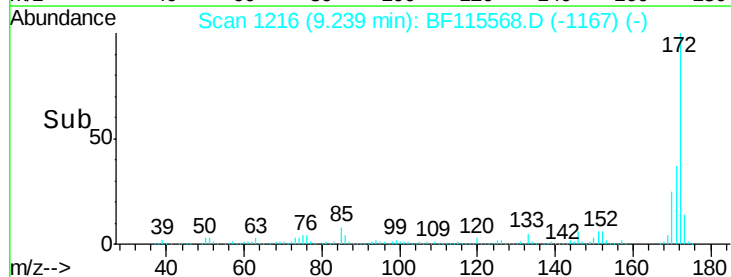
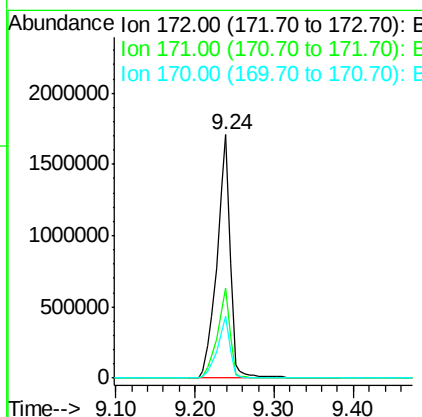
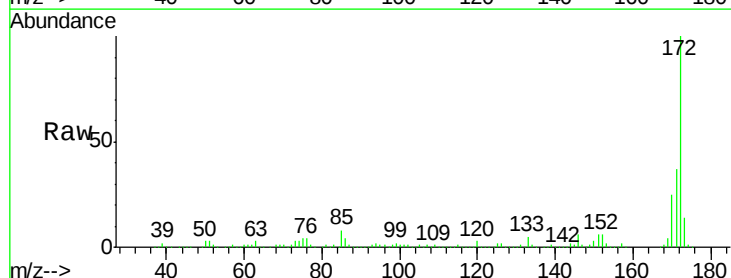
Instrument :
 BNA_F
 ClientSampleId :

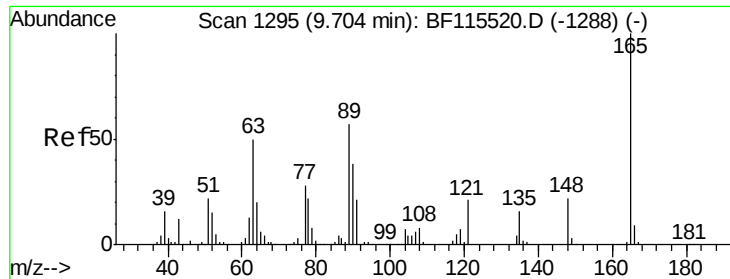
Tot Ion:330 Resp: 519052
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 29.6 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 101.105 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

Tgt Ion:172 Resp: 1988453
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.6 46.0
 170 25.2 20.5 30.7

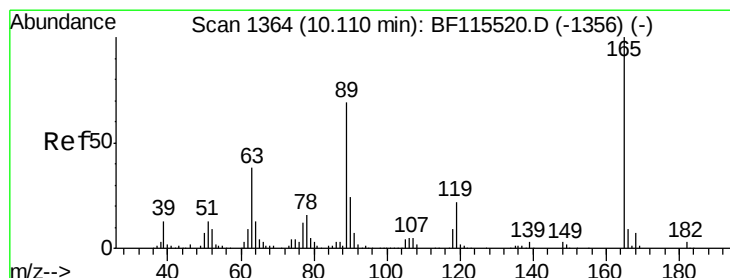
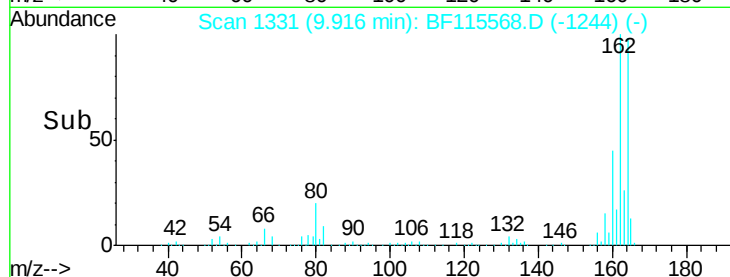
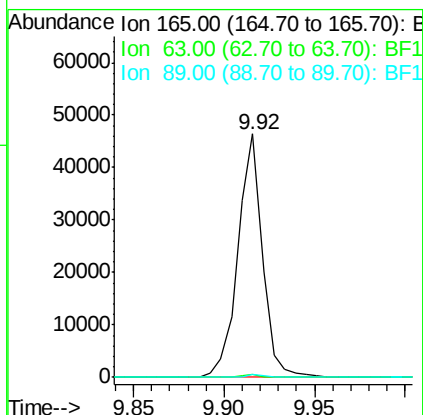
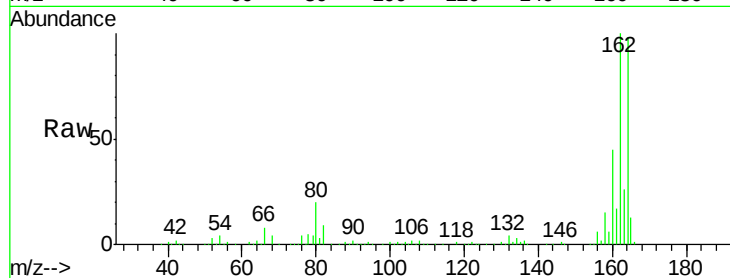




#51
 2,6-Dinitrotoluene
 Concen: 7.455 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

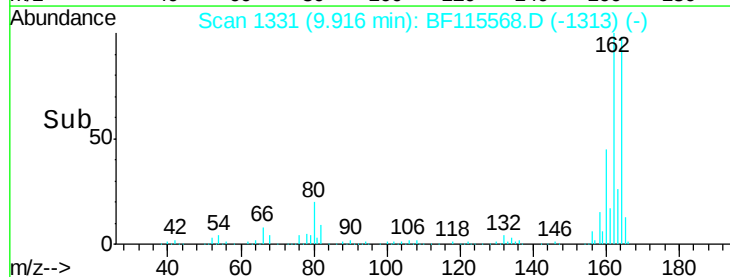
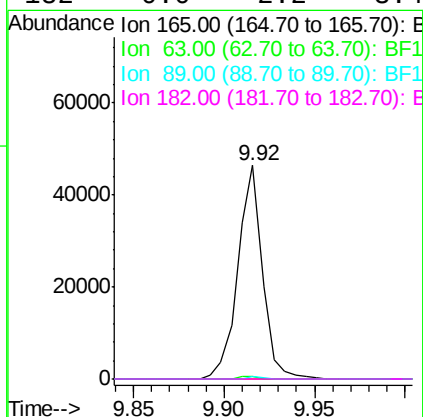
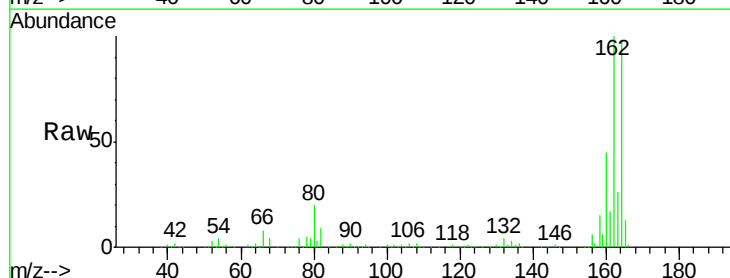
Instrument :
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 ClientSampleId :

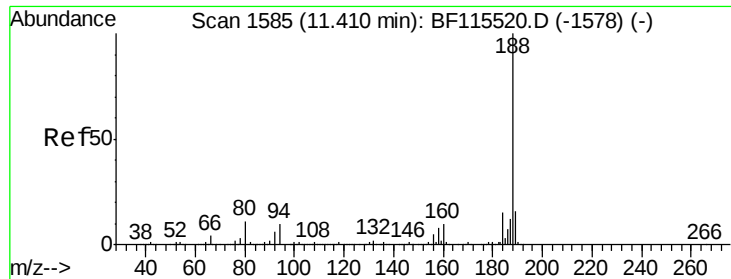
Tot Ion:165 Resp: 43880
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.6 61.0#
 89 1.2 43.9 65.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.755 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

Tgt Ion:165 Resp: 43880
 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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

Instrument :

BNA_F

ClientSampleId :

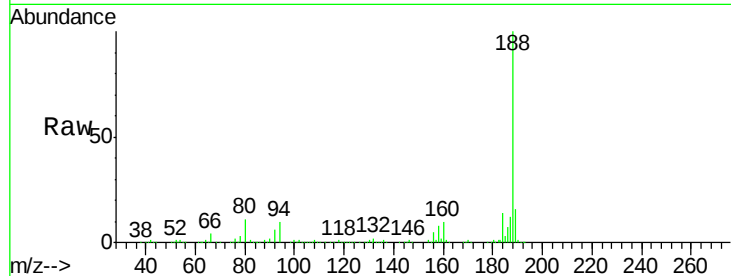
Tot Ion:188 Resp: 697329

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

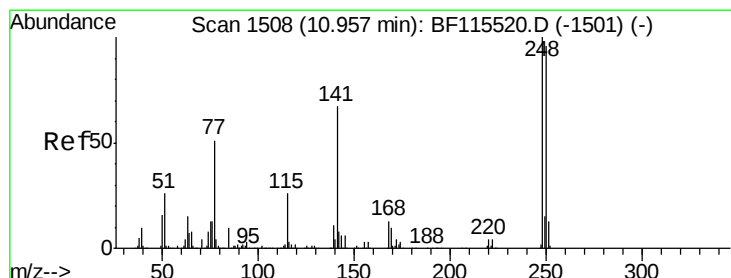
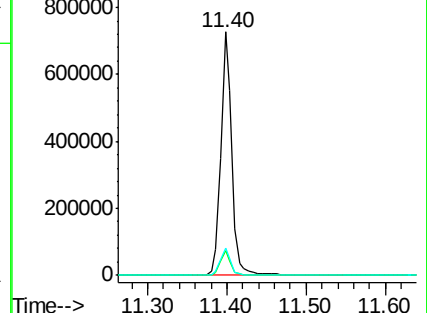
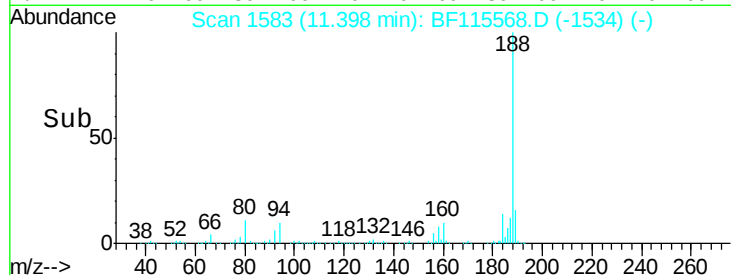
80 11.5 8.6 13.0



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: 3.871 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115568.D

Acq: 15 Jul 2019 20:33

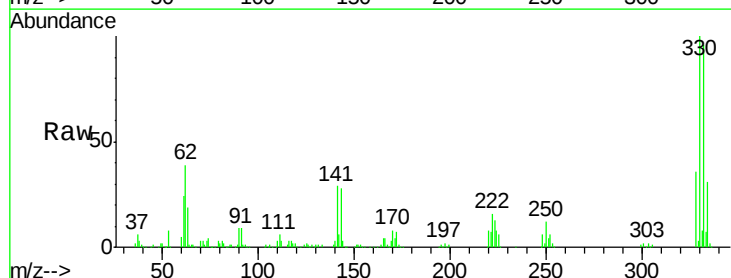
Tgt Ion:248 Resp: 30847

Ion Ratio Lower Upper

248 100

250 201.9 78.0 117.0#

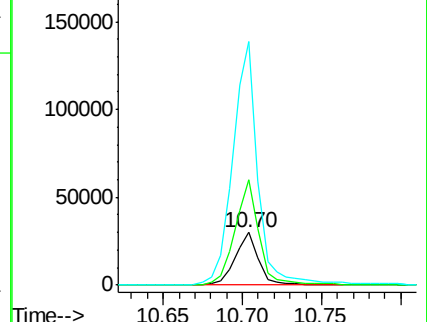
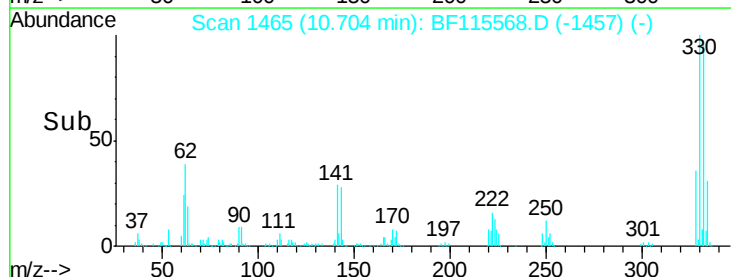
141 465.4 57.7 86.5#

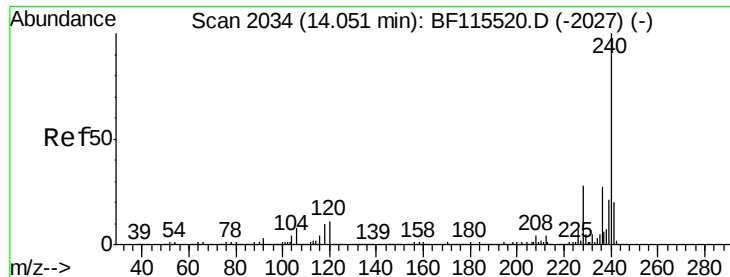


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

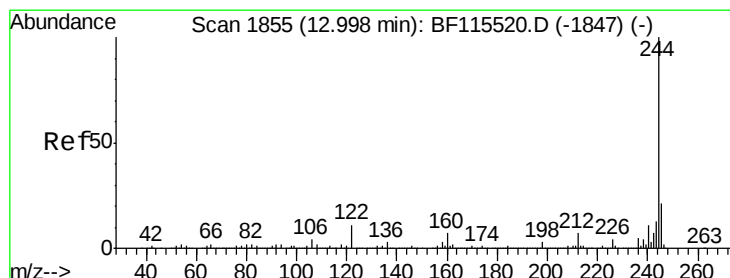
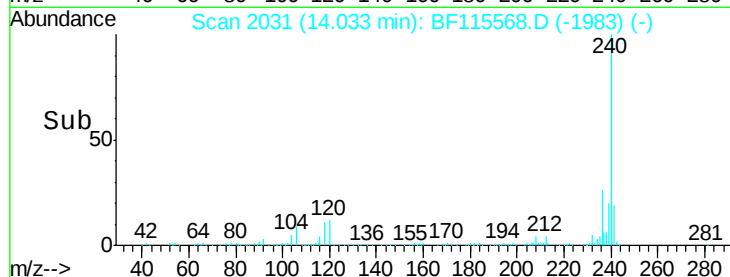
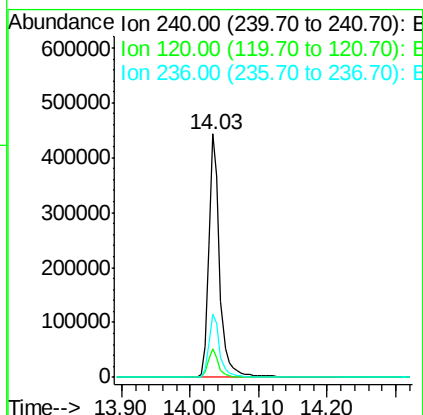
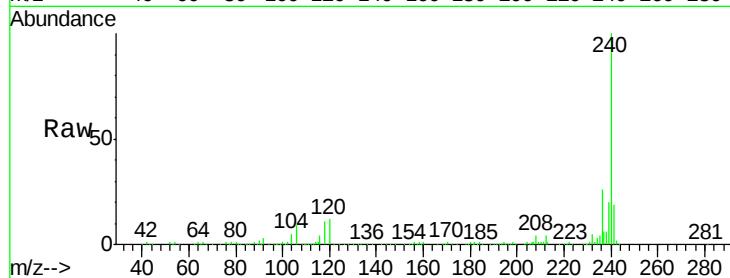




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

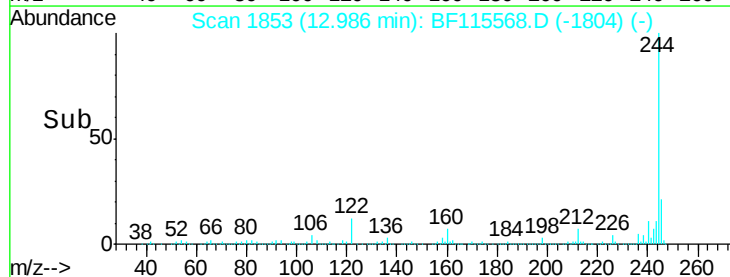
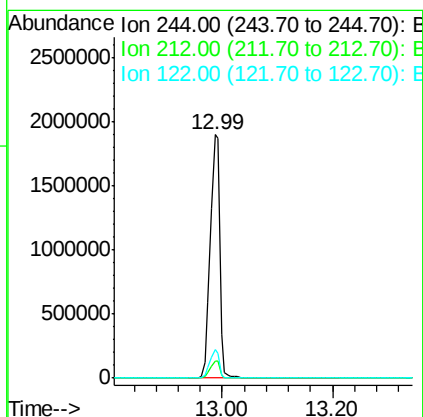
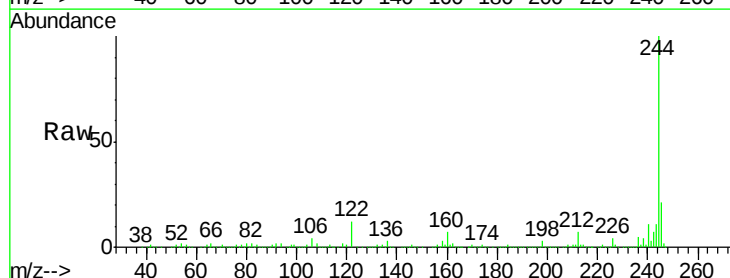
Instrument :
 BNA_F
 ClientSampleId :

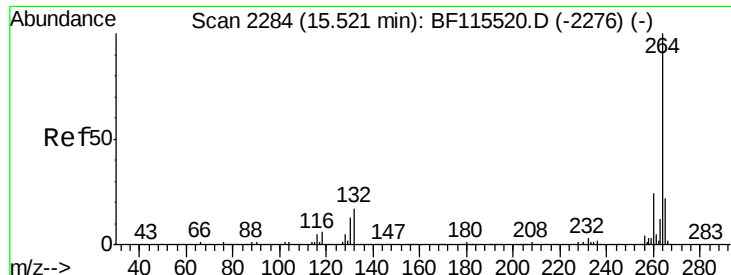
Tot Ion:240 Resp: 498286
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.6 13.0
 236 26.1 21.3 31.9



#79
 Terphenyl-d14
 Concen: 83.033 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

Tgt Ion:244 Resp: 2242310
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.0 8.6 12.8

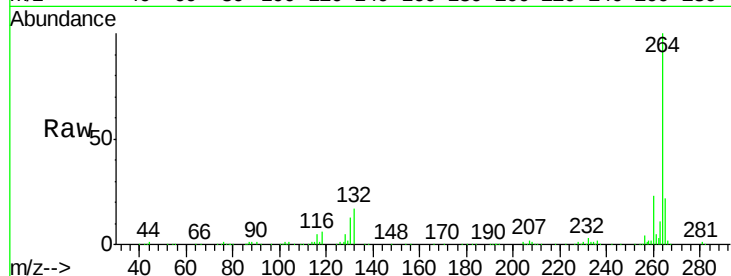




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115568.D
 Acq: 15 Jul 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

