

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115950.D
 Acq On : 2 Aug 2019 16:55
 Operator : HP/JU
 Sample : PB121932BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121932BL

Quant Time: Aug 02 23:42:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

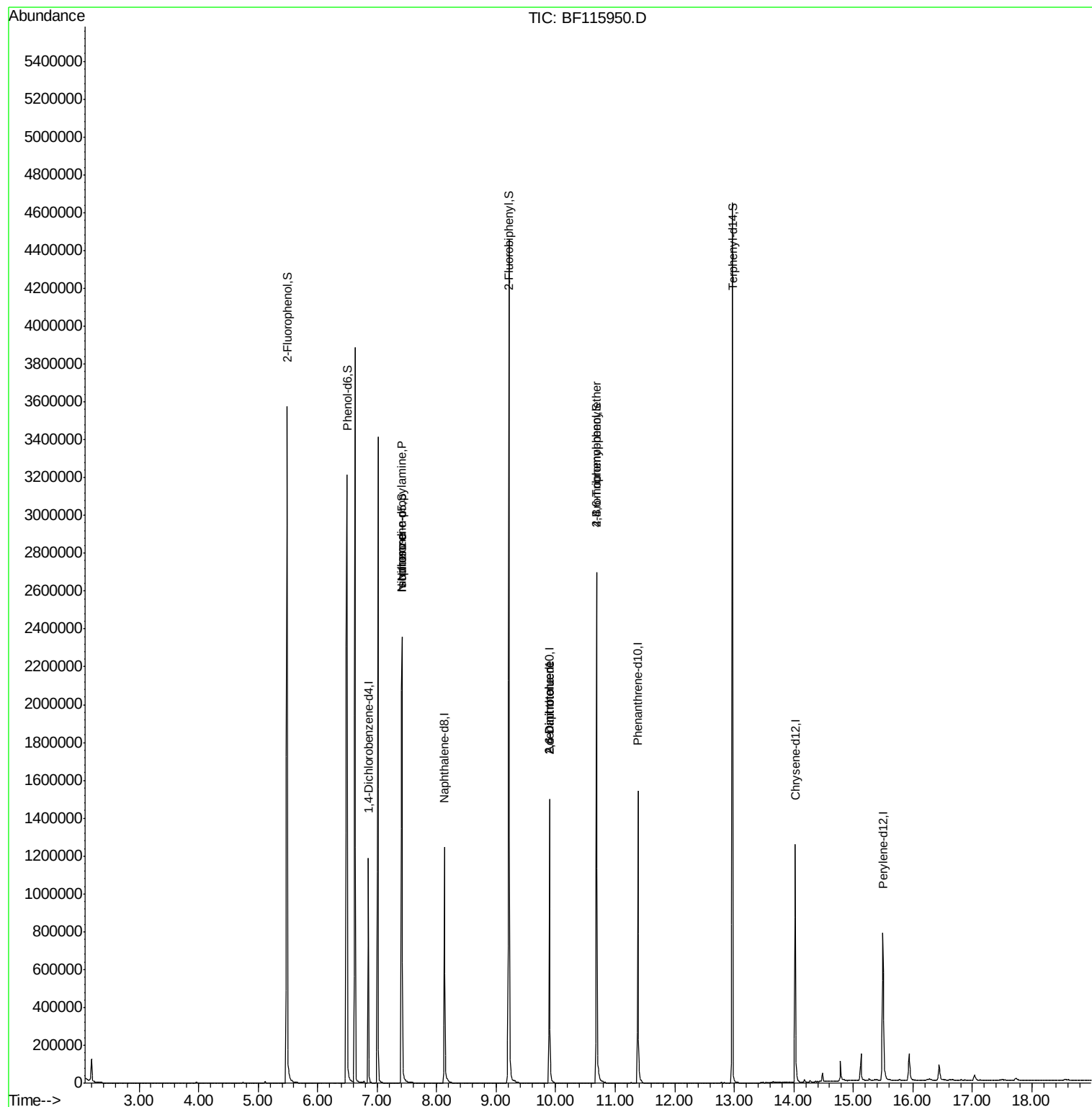
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	164924	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	634837	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	339534	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	604965	20.00	ng	0.00
76) Chrysene-d12	14.02	240	450505	20.00	ng	0.00
87) Perylene-d12	15.49	264	417359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1107098	112.38	ng	0.02
7) Phenol-d6	6.49	99	1453349	116.93	ng	0.00
23) Nitrobenzene-d5	7.42	82	958004	87.11	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	393430	119.52	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1619474	89.34	ng	0.00
79) Terphenyl-d14	12.97	244	1801425	84.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	128361	16.665	ng	# 77
25) Isophorone	7.42	82	948953	45.124	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	44007	8.759	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	44008	6.579	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	23989	3.704	ng	# 1

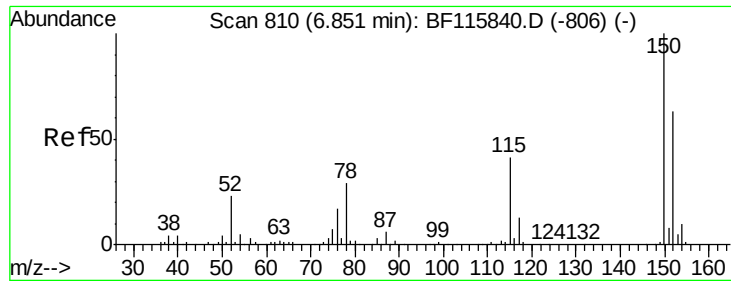
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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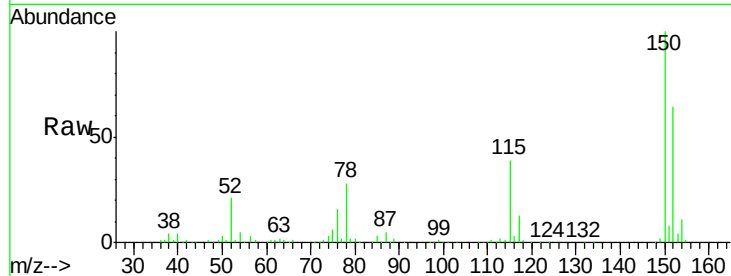


#1

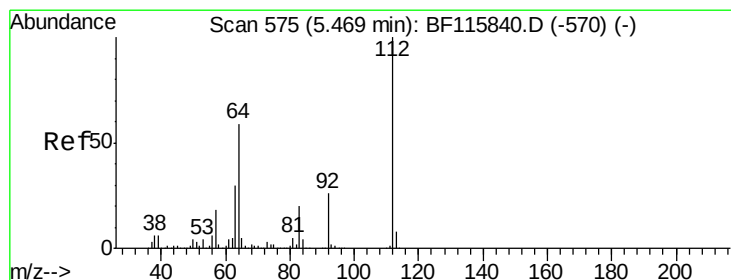
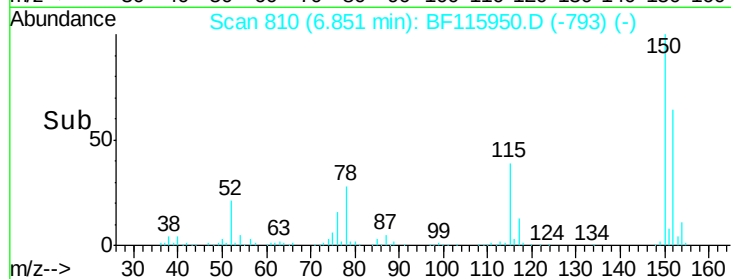
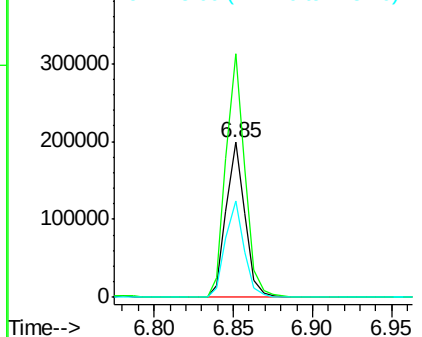
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115950.D
Acq: 2 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :
PB121932BL

Tot Ion:152 Resp: 164924
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 61.8 51.8 77.8



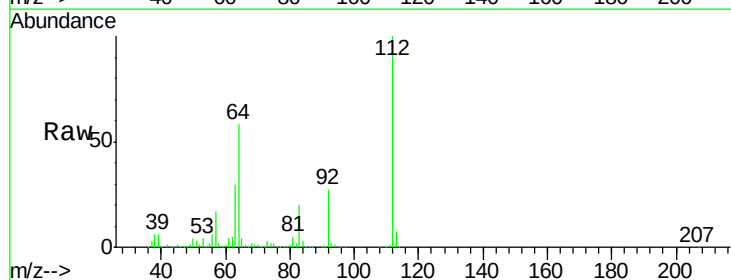
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



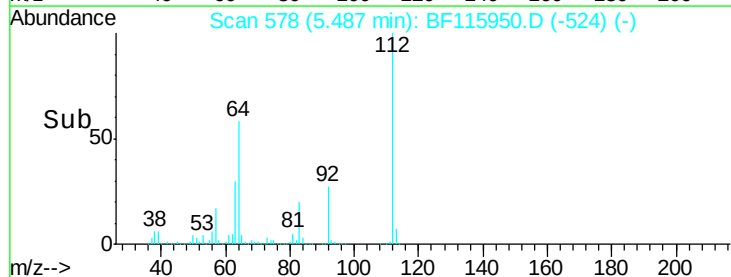
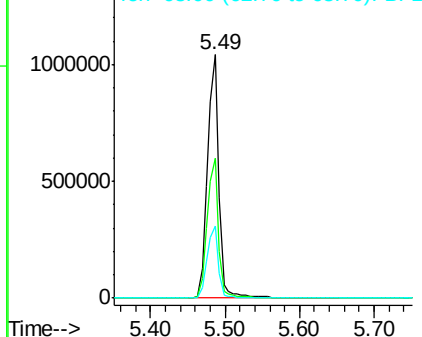
#5

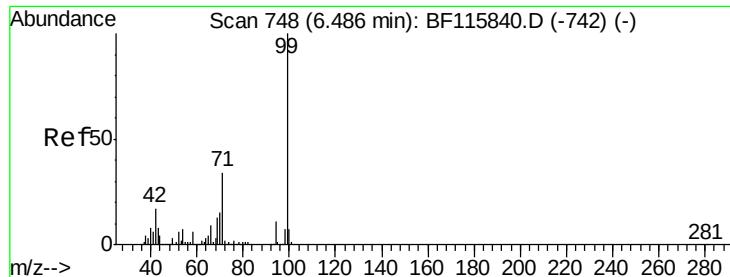
2-Fluorophenol
Concen: 112.376 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115950.D
Acq: 2 Aug 2019 16:55

Tgt Ion:112 Resp: 1107098
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 29.8 24.2 36.2



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: 116.926 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115950.D

Acq: 2 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB121932BL

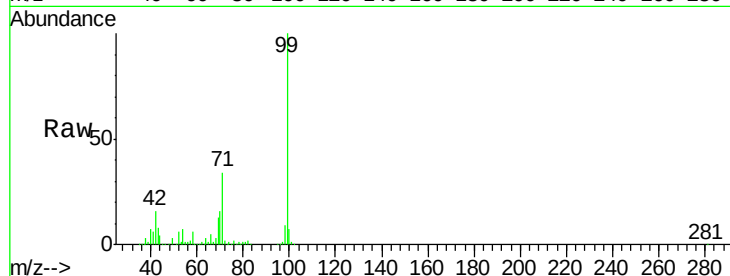
Tot Ion: 99 Resp: 1453349

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.6

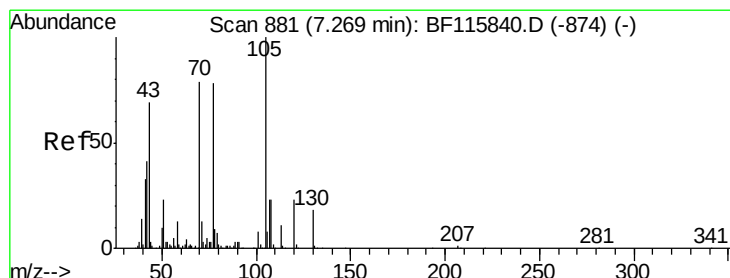
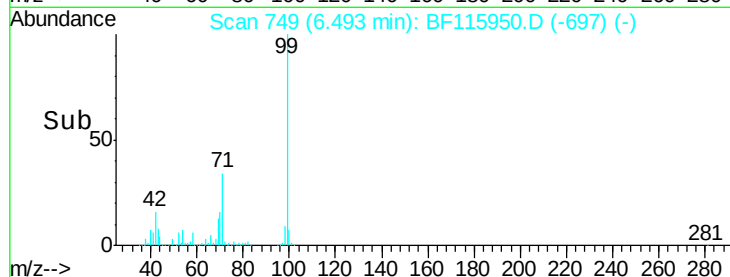
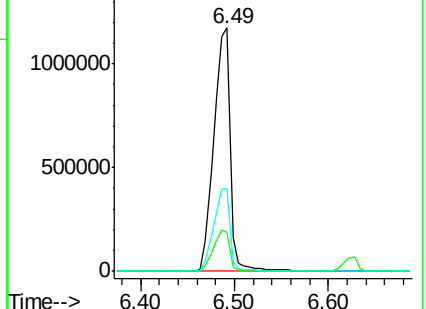
71 34.1 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.665 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115950.D

Acq: 2 Aug 2019 16:55

Tgt Ion: 70 Resp: 128361

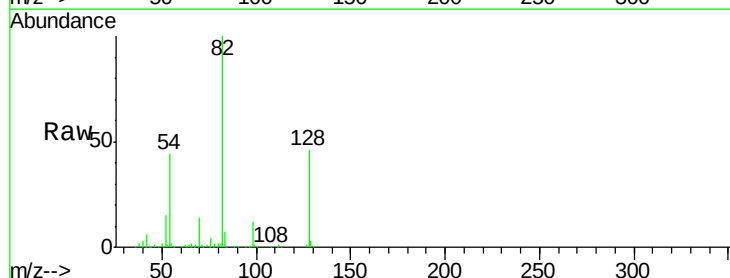
Ion Ratio Lower Upper

70 100

42 41.6 41.8 62.8#

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#

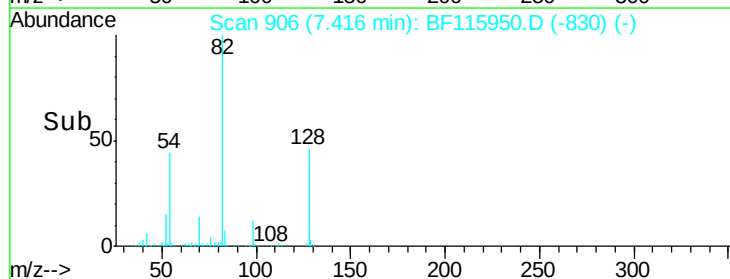
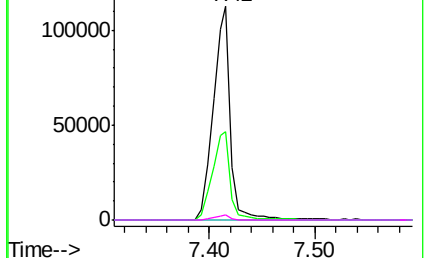


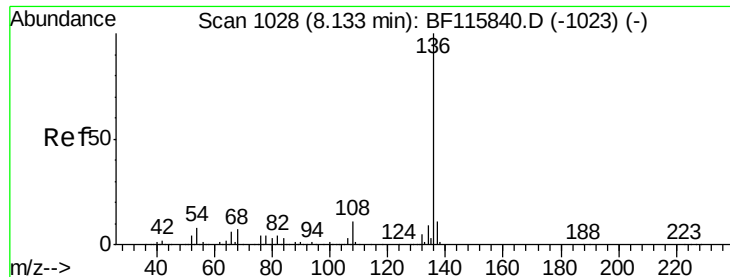
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

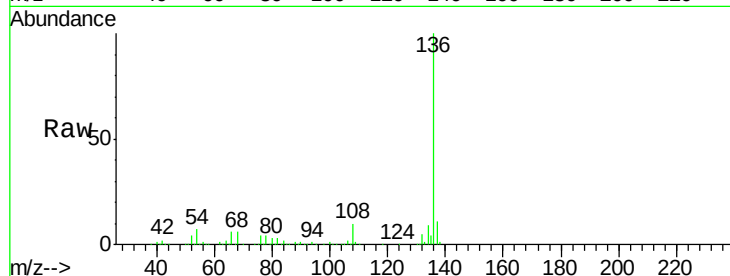




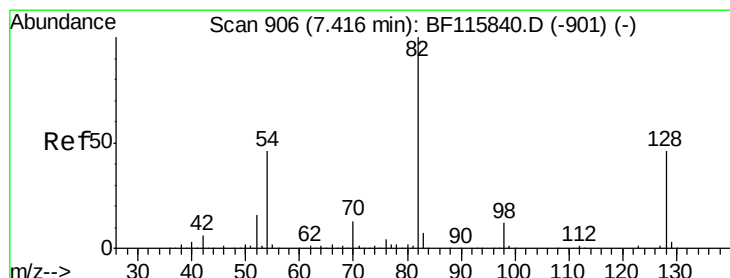
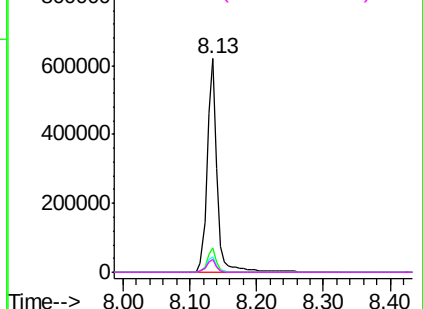
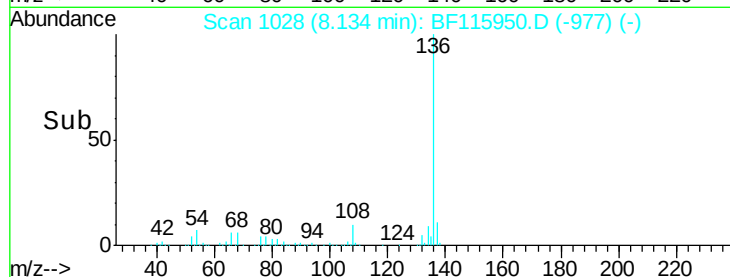
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115950.D
Acq: 2 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :
PB121932BL

Tot Ion:136	Resp: 634837
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 7.0	6.1 9.1
68 6.1	5.4 8.2

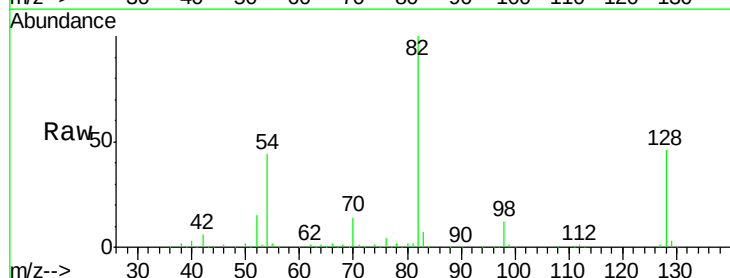


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

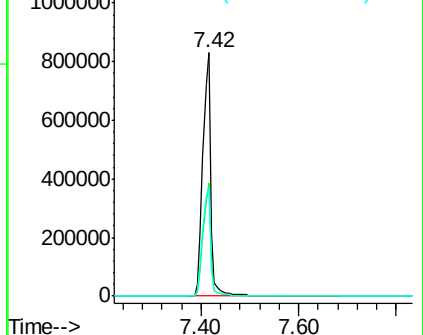
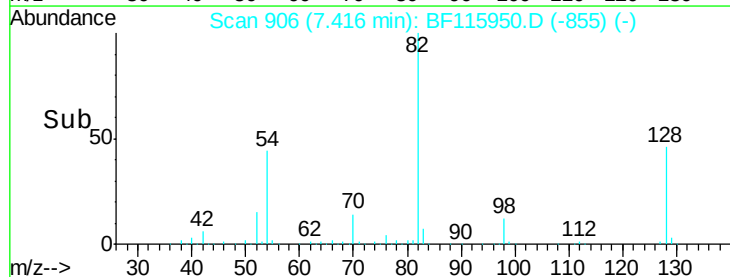


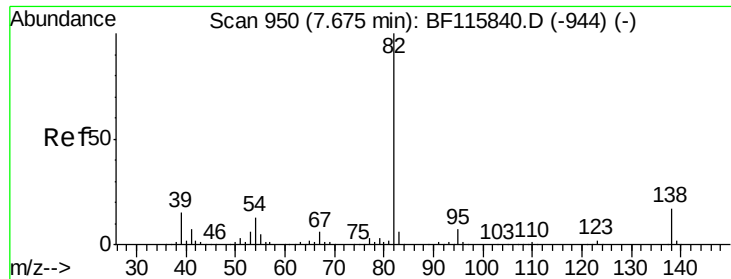
#23
Nitrobenzene-d5
Concen: 87.107 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115950.D
Acq: 2 Aug 2019 16:55

Tgt Ion: 82	Resp: 958004
Ion Ratio	Lower Upper
82 100	
128 46.2	36.6 55.0
54 44.2	36.6 55.0



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: 45.124 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115950.D

Acq: 2 Aug 2019 16:55

Instrument :

BNA_F

ClientSampled :

PB121932BL

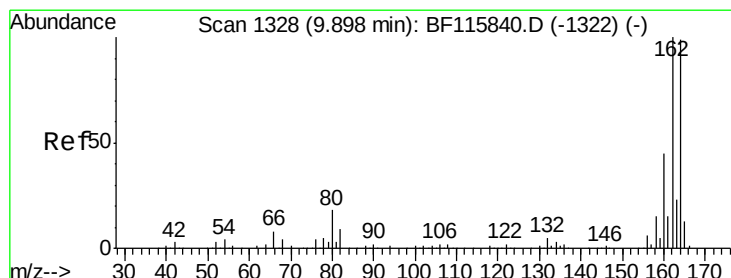
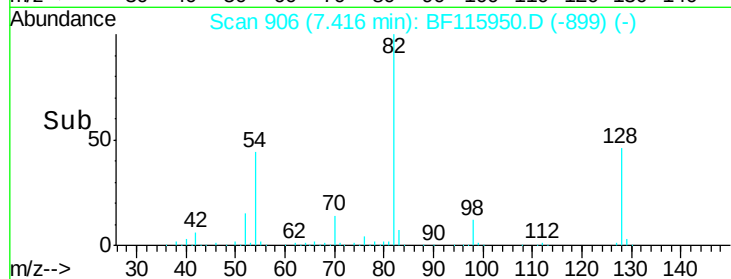
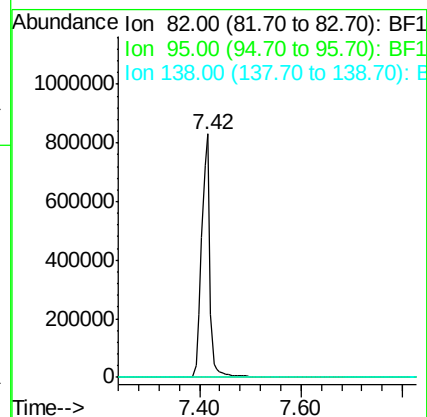
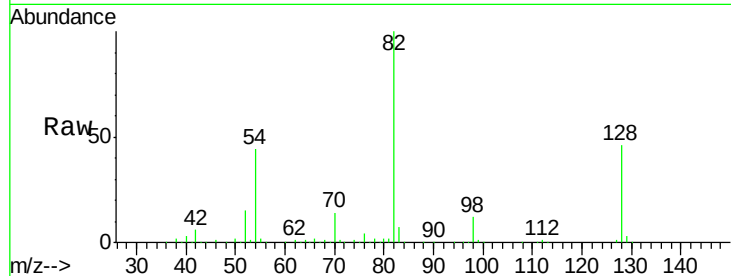
Tot Ion: 82 Resp: 948953

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 13.9 20.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115950.D

Acq: 2 Aug 2019 16:55

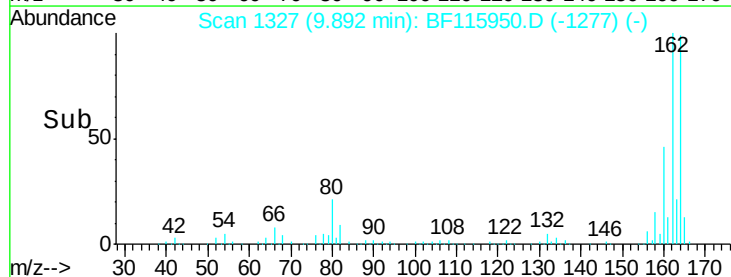
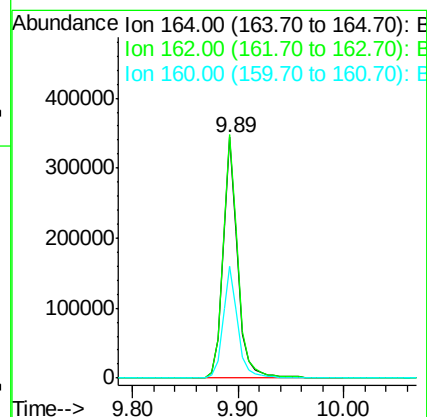
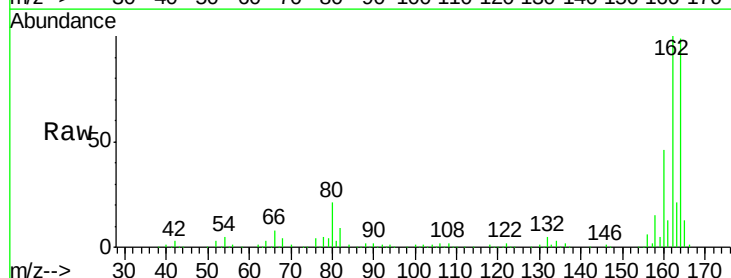
Tgt Ion: 164 Resp: 339534

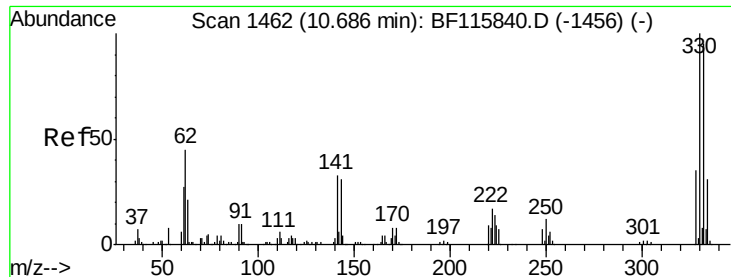
Ion Ratio Lower Upper

164 100

162 101.2 80.8 121.2

160 46.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 119.515 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115950.D

Acq: 2 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

PB121932BL

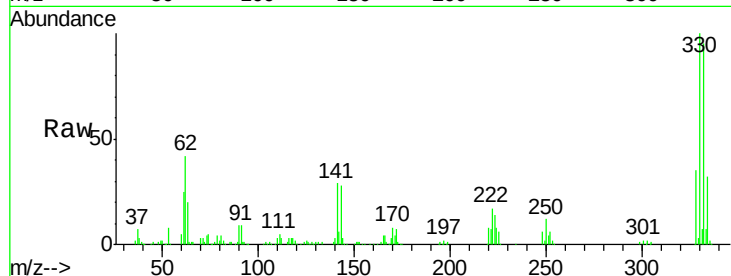
Tot Ion:330 Resp: 393430

Ion Ratio Lower Upper

330 100

332 96.0 77.7 116.5

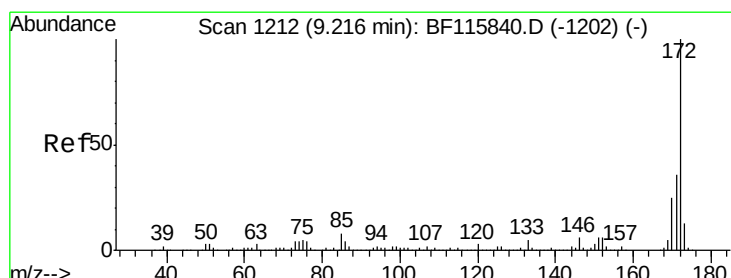
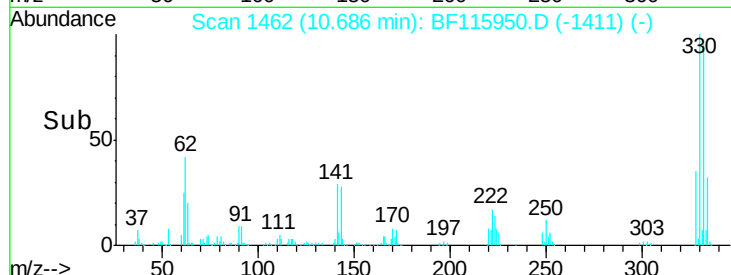
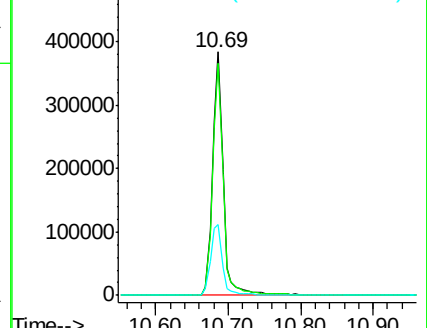
141 33.2 28.1 42.1



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: 89.340 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115950.D

Acq: 2 Aug 2019 16:55

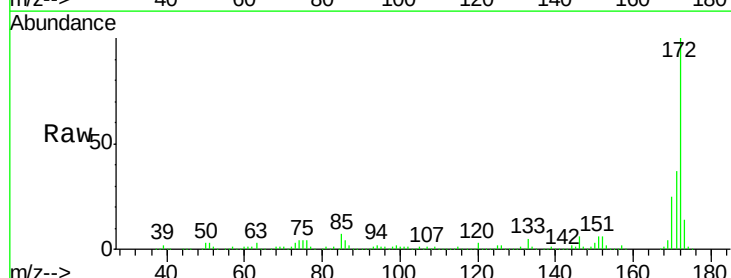
Tgt Ion:172 Resp: 1619474

Ion Ratio Lower Upper

172 100

171 36.9 29.1 43.7

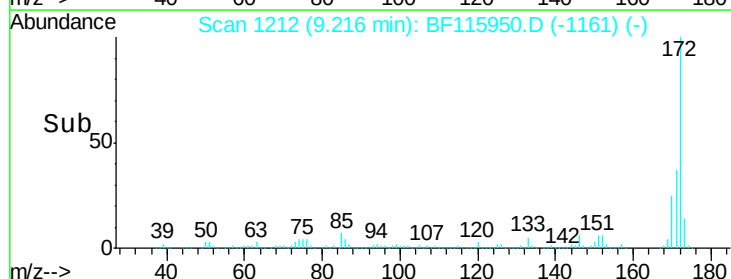
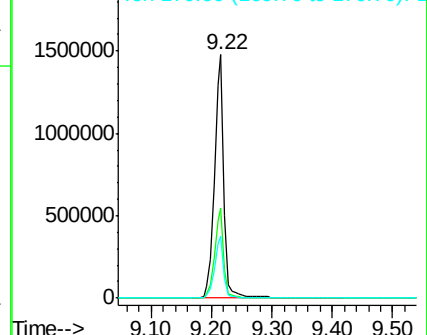
170 25.2 20.1 30.1

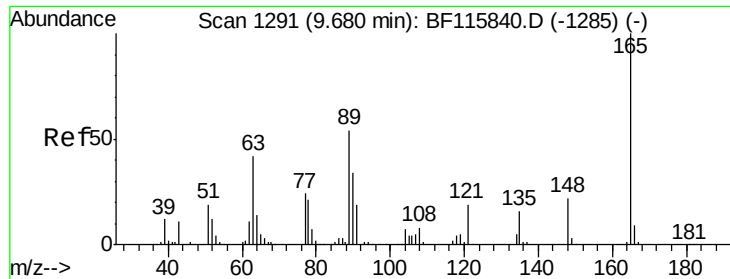


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

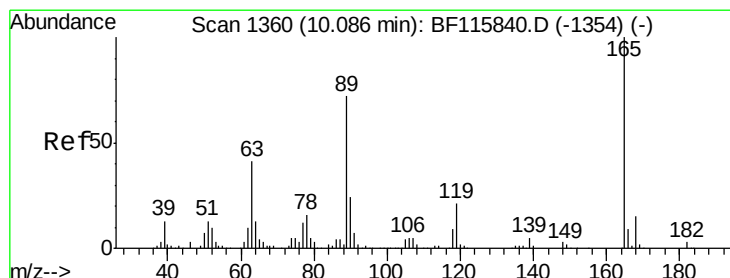
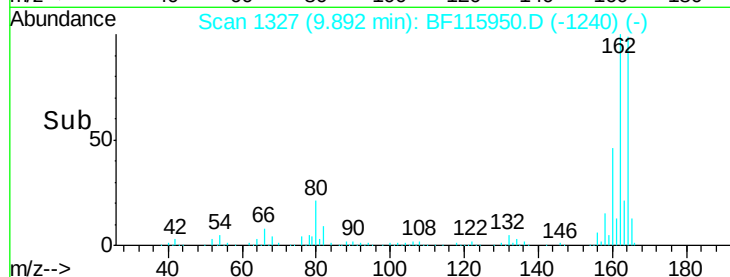
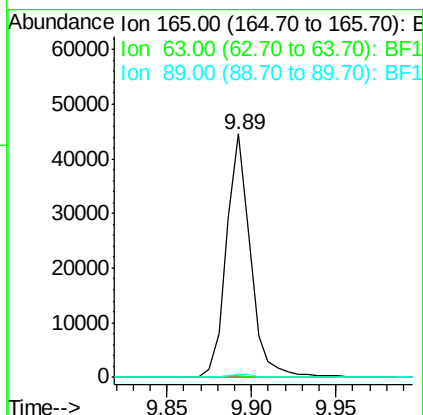
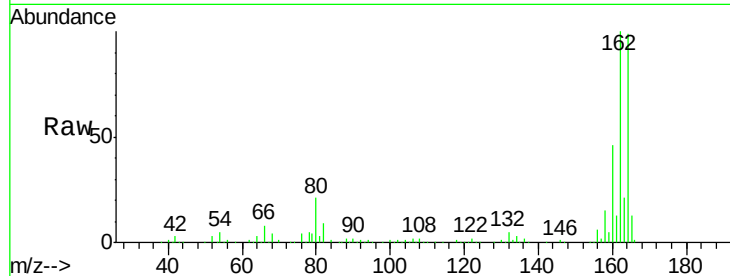




#51
 2,6-Dinitrotoluene
 Concen: 8.759 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF115950.D
 Acq: 2 Aug 2019 16:55

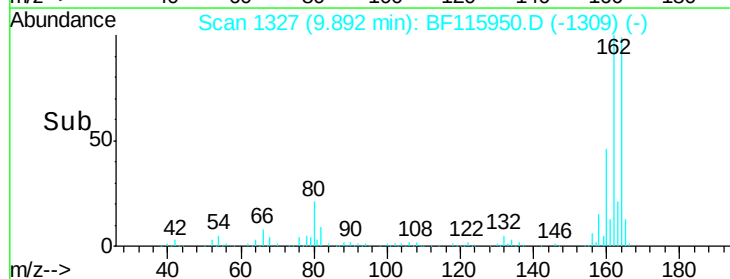
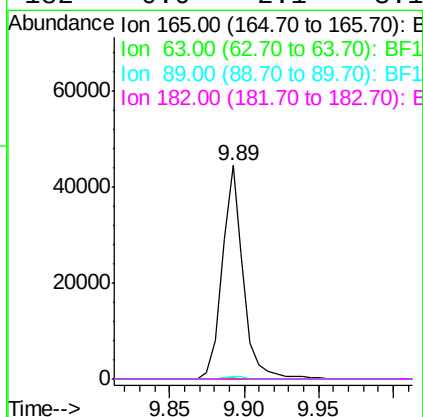
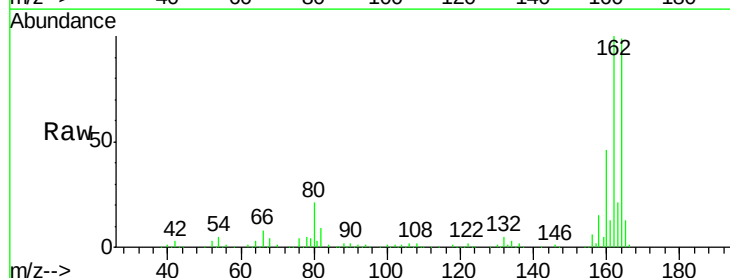
Instrument :
 BNA_F
 ClientSampleId :
 PB121932BL

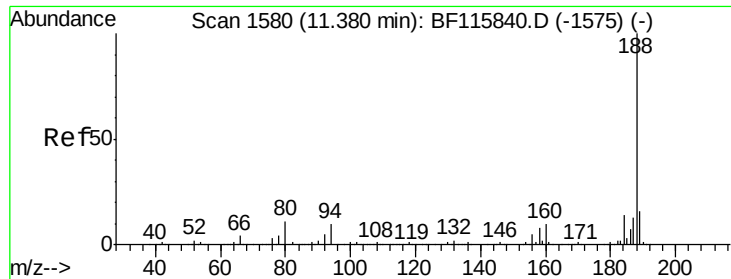
Tot Ion	165	Resp	44007
Ion Ratio	100	Lower	Upper
63	0.8	39.4	59.2#
89	1.2	43.0	64.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.579 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115950.D
 Acq: 2 Aug 2019 16:55

Tgt Ion	165	Resp	44008
Ion Ratio	100	Lower	Upper
63	0.8	33.2	49.8#
89	1.2	57.3	85.9#
182	0.0	2.1	3.1#

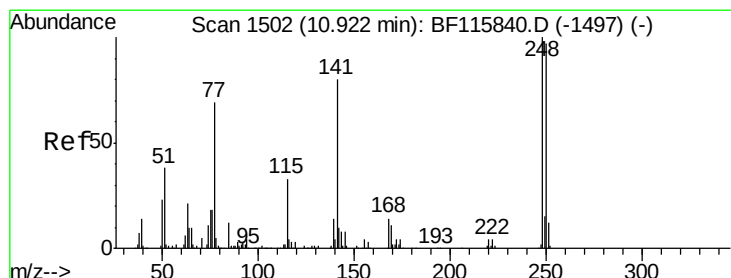
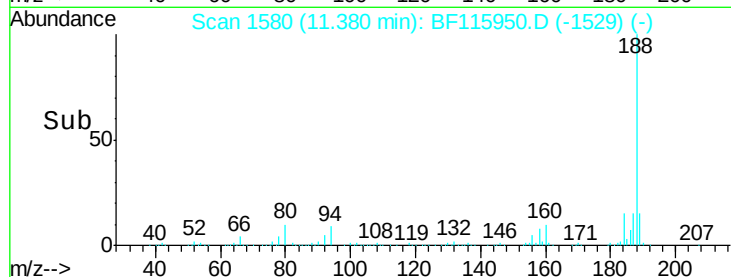
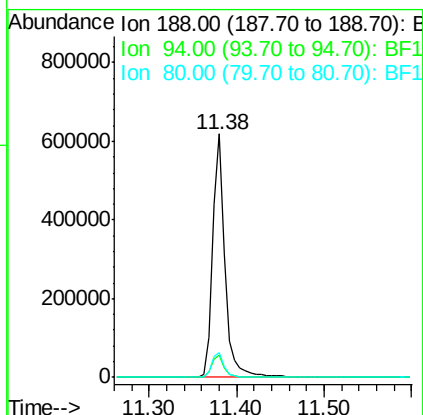
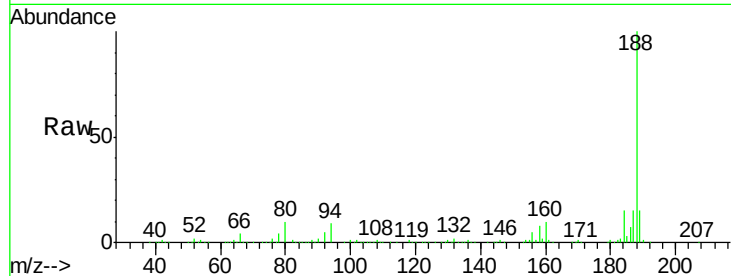




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115950.D
 Acq: 2 Aug 2019 16:55

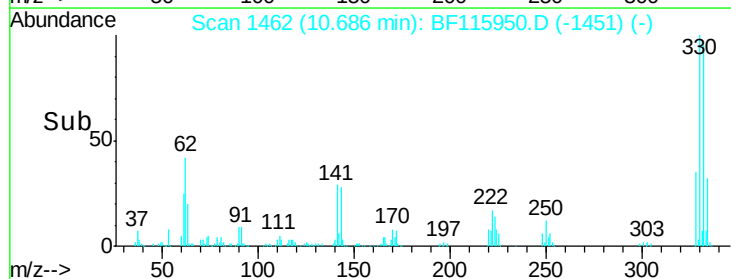
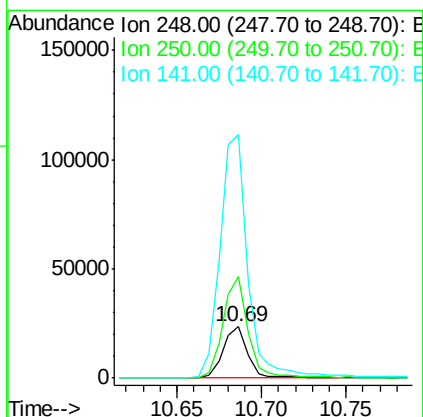
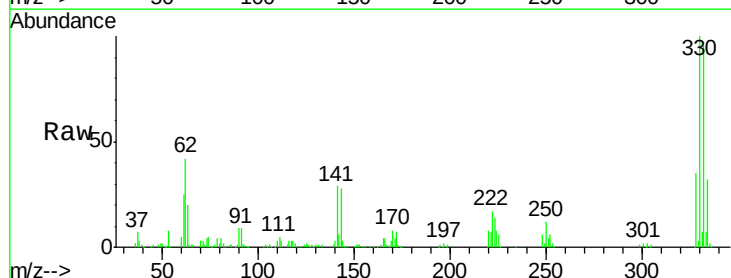
Instrument :
 BNA_F
 ClientSampleId :
 PB121932BL

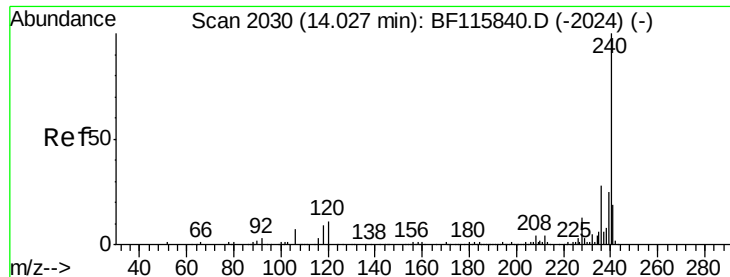
Tot Ion:188 Resp: 604965
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.0 12.0
 80 10.1 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.704 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115950.D
 Acq: 2 Aug 2019 16:55

Tgt Ion:248 Resp: 23989
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.8 116.6#
 141 475.3 64.3 96.5#

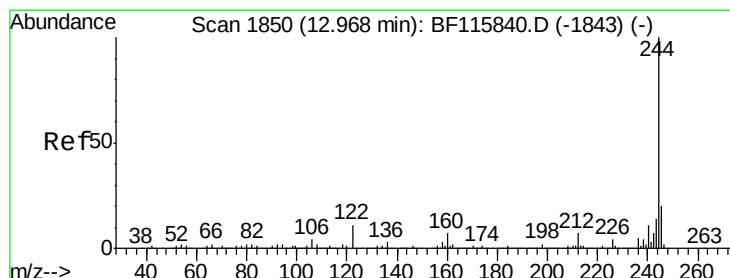
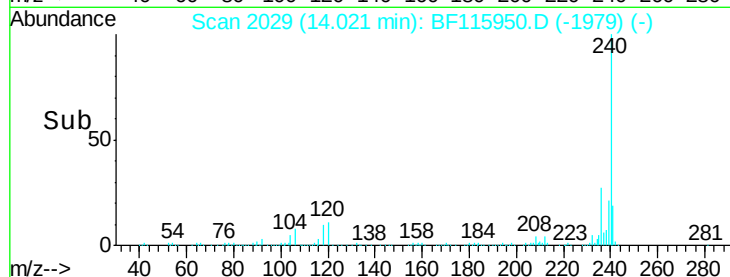
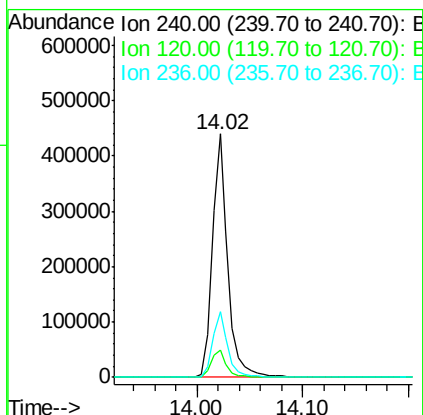
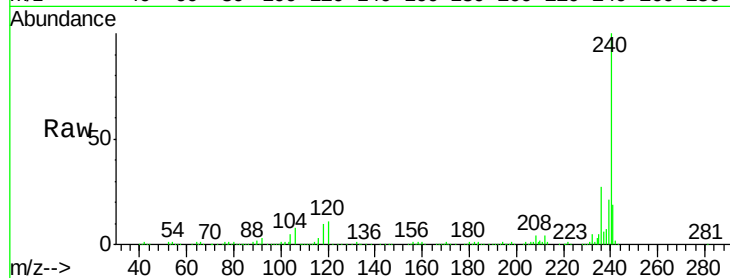




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115950.D
Acq: 2 Aug 2019 16:55

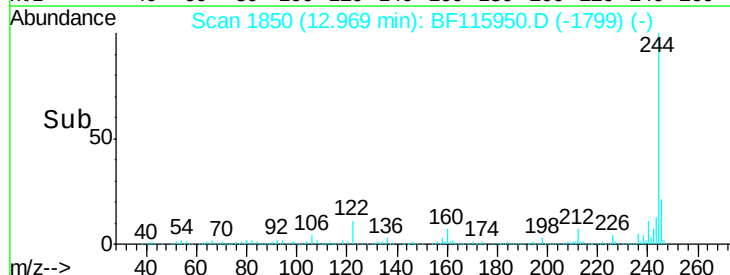
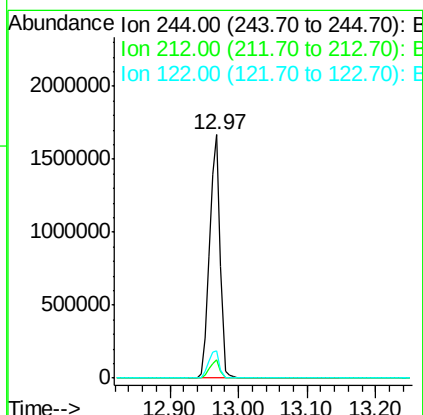
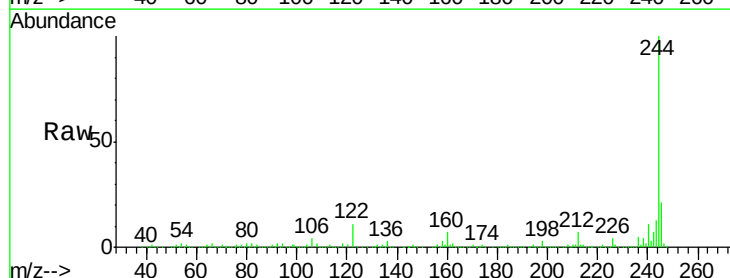
Instrument :
BNA_F
ClientSampleId :
PB121932BL

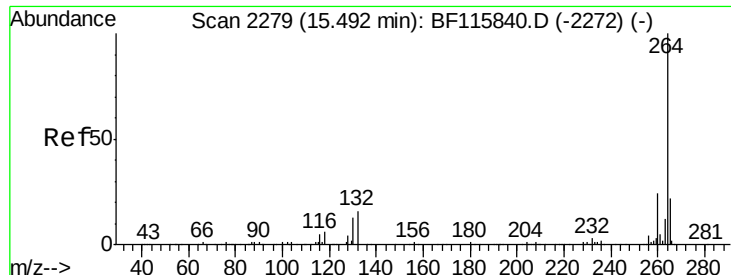
Tot Ion:240 Resp: 450505
Ion Ratio Lower Upper
240 100
120 11.2 8.5 12.7
236 27.0 22.2 33.2



#79
Terphenyl-d14
Concen: 84.259 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF115950.D
Acq: 2 Aug 2019 16:55

Tgt Ion:244 Resp: 1801425
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 11.3 8.6 13.0

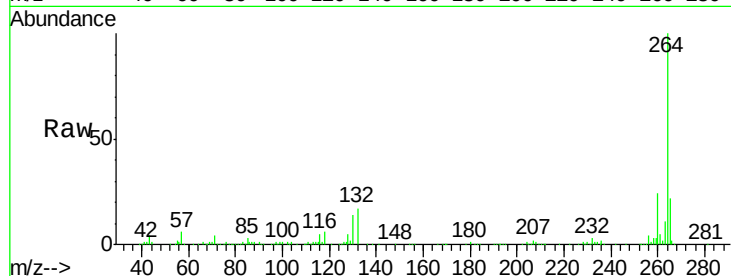




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115950.D
Acq: 2 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :
PB121932BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.5	17.5	26.3



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

