

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115965.D
 Acq On : 2 Aug 2019 23:38
 Operator : HP/JU
 Sample : K4048-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Quant Time: Aug 05 16:38:08 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

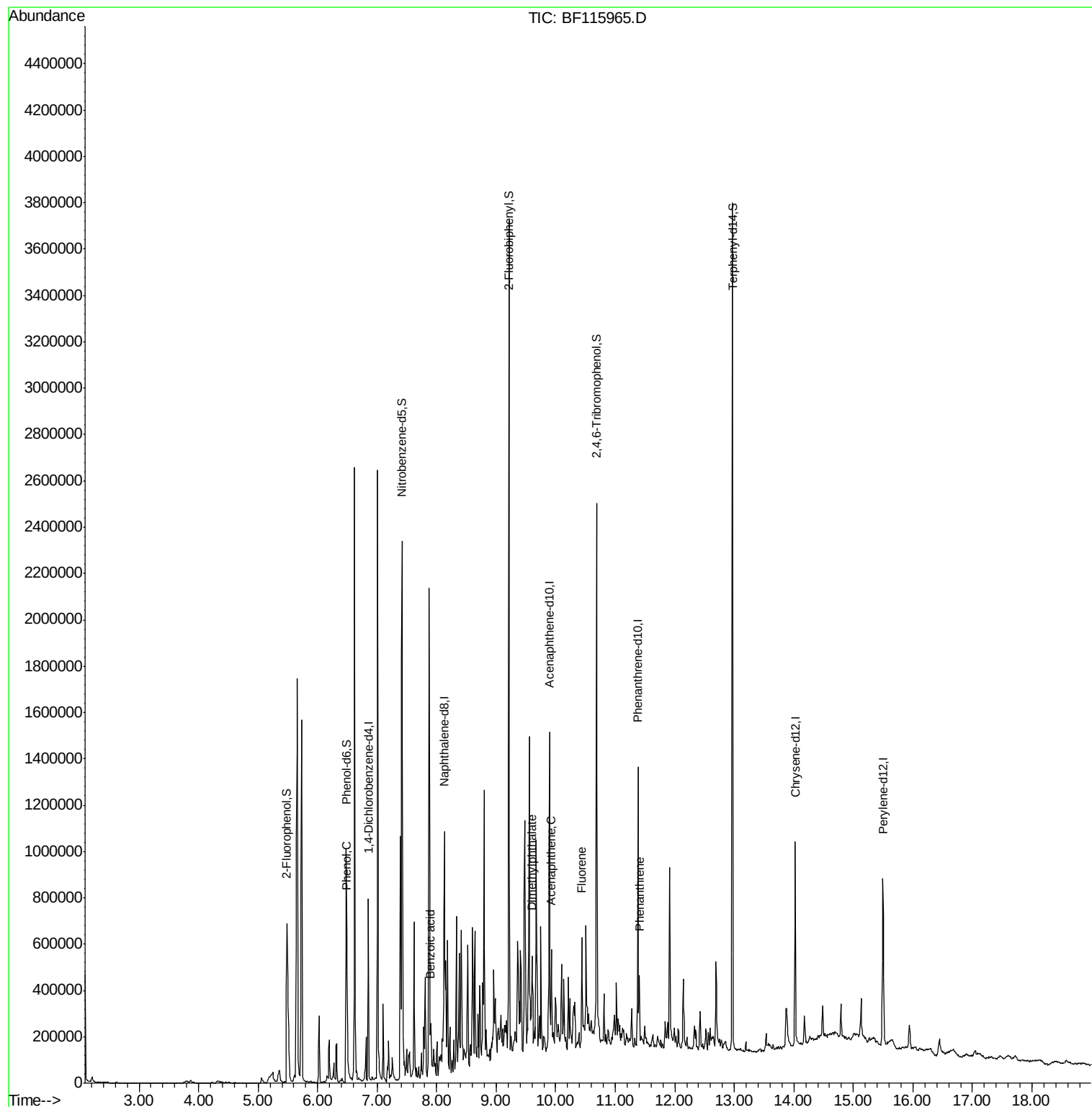
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105370	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	392631	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	226854	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	397201	20.00	ng	0.00
76) Chrysene-d12	14.02	240	279588	20.00	ng	0.00
87) Perylene-d12	15.50	264	319379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	397133	63.09	ng	0.02
7) Phenol-d6	6.48	99	328980	41.43	ng	0.00
23) Nitrobenzene-d5	7.42	82	630801	92.74	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	294454	133.88	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1124415	92.84	ng	0.00
79) Terphenyl-d14	12.97	244	1349223	101.69	ng	0.00
Target Compounds						
10) Phenol	6.49	94	106089	11.344	ng	99
32) Benzoic acid	7.90	122	37710	10.269	ng	93
50) Dimethylphthalate	9.60	163	119210	7.718	ng	98
52) Acenaphthene	9.93	154	65976	5.530	ng	93
58) Fluorene	10.44	166	105605	7.911	ng	98
71) Phenanthrene	11.40	178	102643	5.055	ng	98

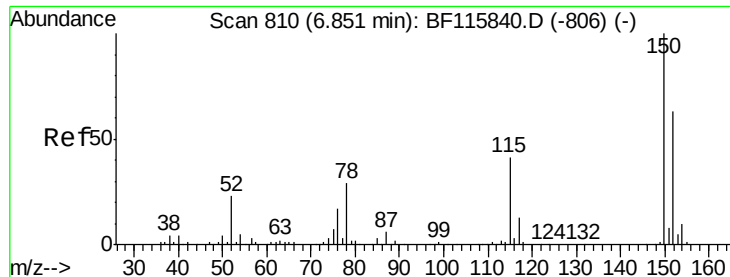
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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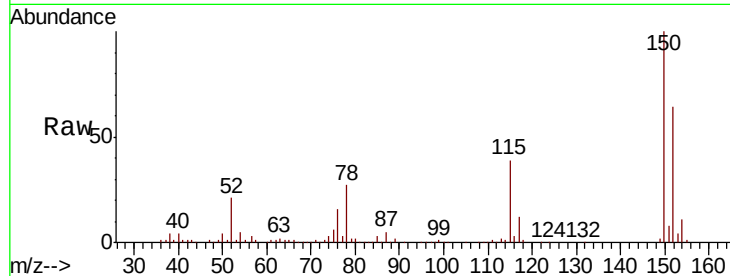


#1

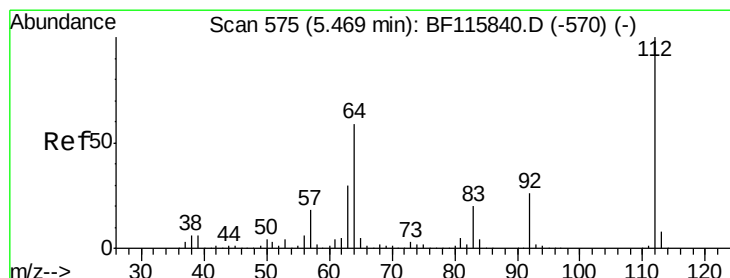
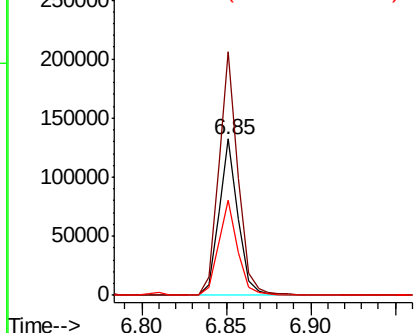
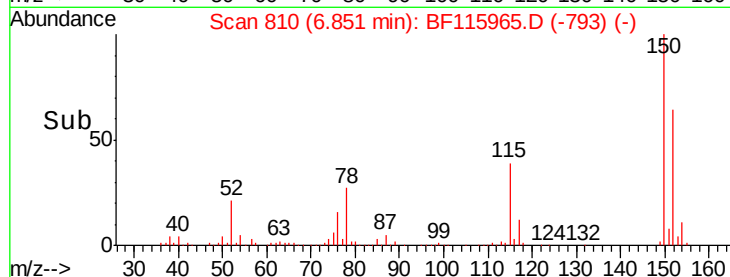
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115965.D
Acq: 2 Aug 2019 23:38

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tot Ion:152 Resp: 105370
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 60.6 51.8 77.8



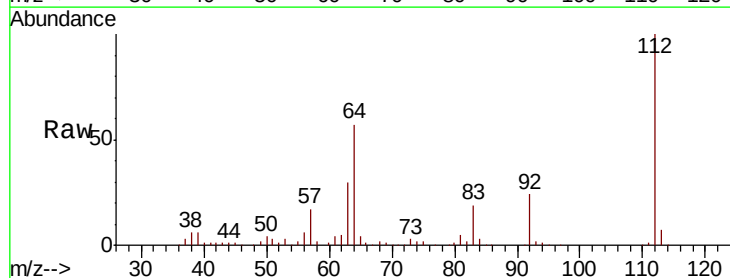
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



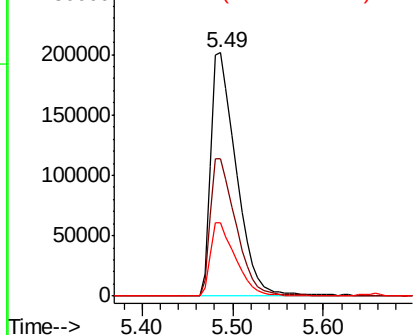
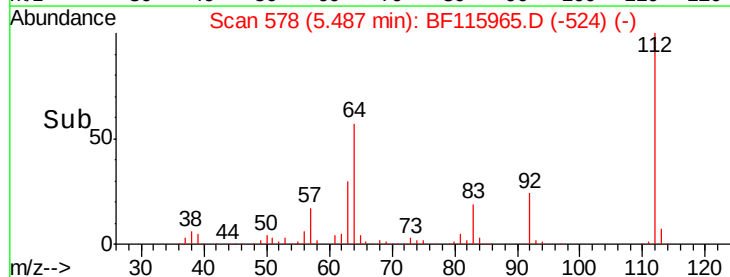
#5

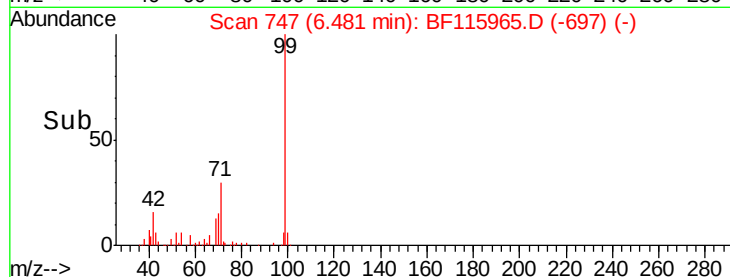
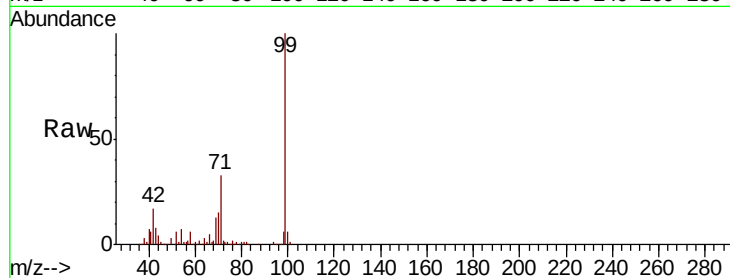
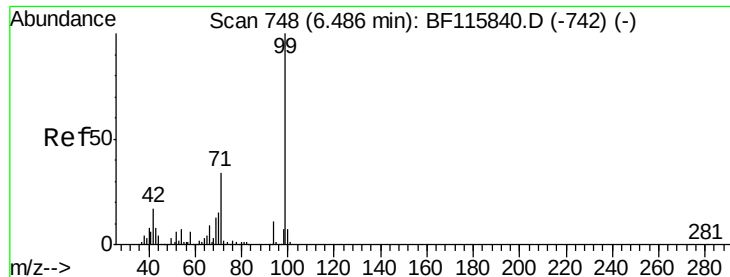
2-Fluorophenol
Concen: 63.094 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115965.D
Acq: 2 Aug 2019 23:38

Tgt Ion:112 Resp: 397133
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 30.3 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: 41.426 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115965.D

Acq: 2 Aug 2019 23:38

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

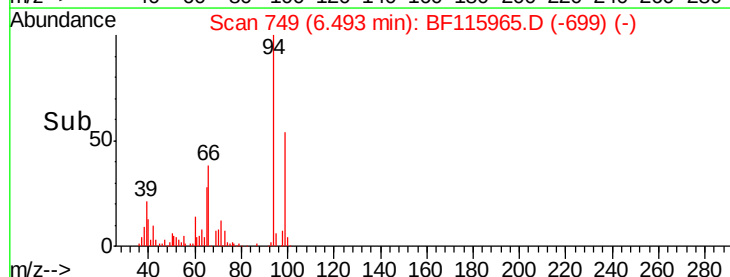
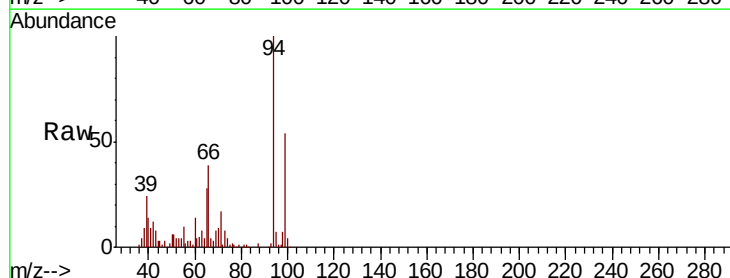
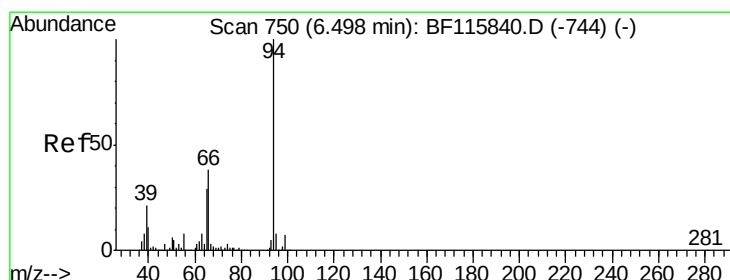
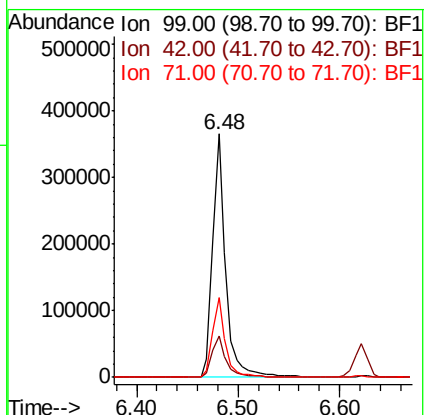
Tot Ion: 99 Resp: 328980

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

71 32.7 27.1 40.7



#10

Phenol

Concen: 11.344 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115965.D

Acq: 2 Aug 2019 23:38

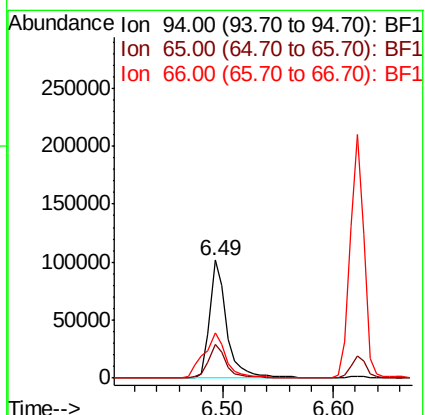
Tgt Ion: 94 Resp: 106089

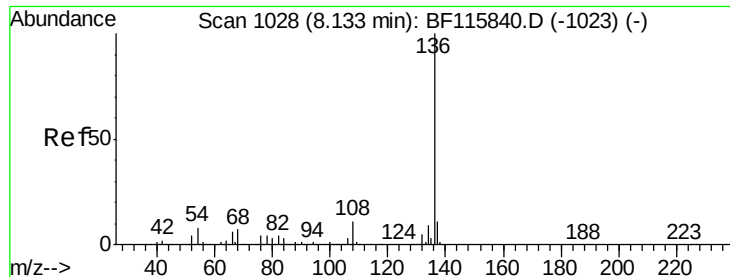
Ion Ratio Lower Upper

94 100

65 28.2 8.9 48.9

66 38.7 18.0 58.0

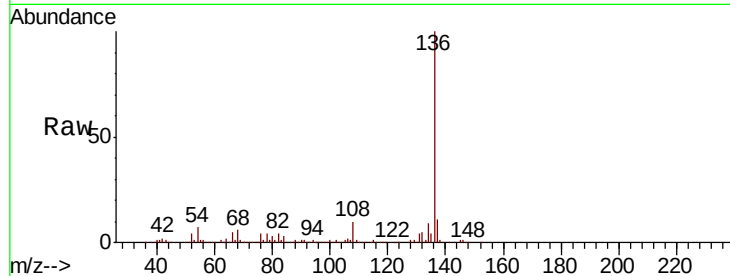




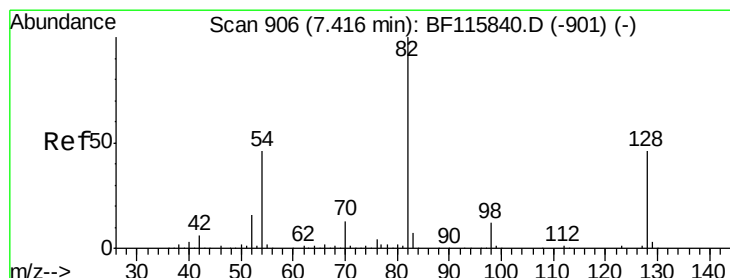
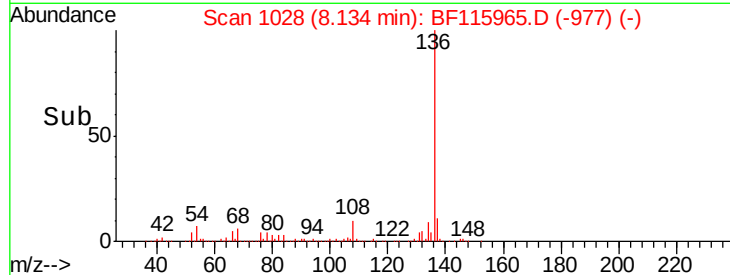
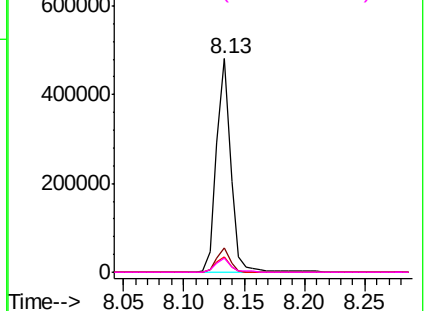
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115965.D
Acq: 2 Aug 2019 23:38

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tot Ion:136	Resp:	392631
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.1 13.7
54	7.0	6.1 9.1
68	6.3	5.4 8.2

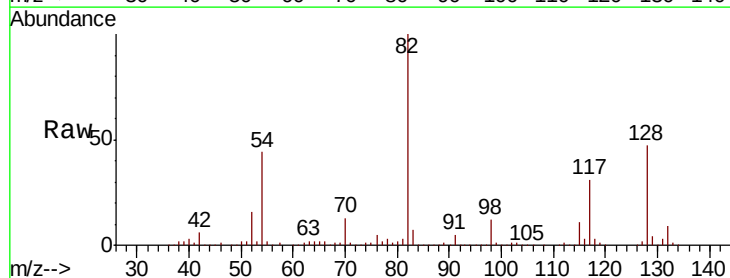


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

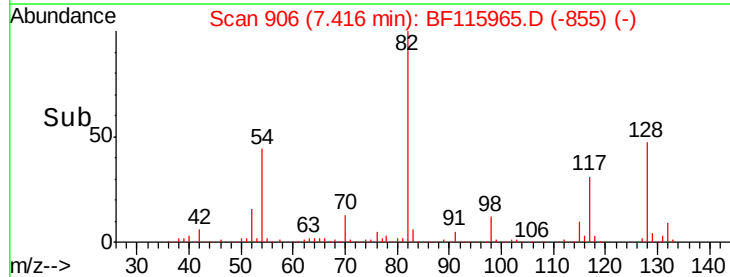
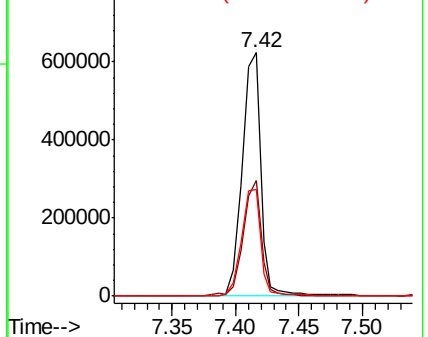


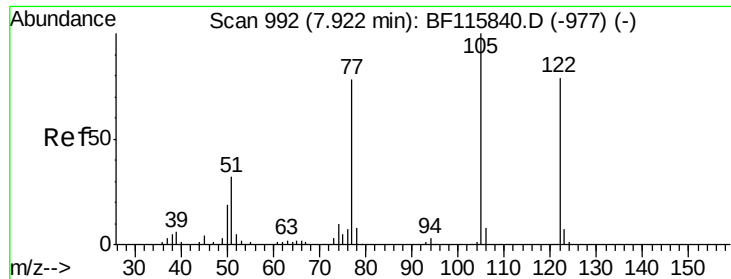
#23
Nitrobenzene-d5
Concen: 92.738 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115965.D
Acq: 2 Aug 2019 23:38

Tgt Ion: 82	Resp:	630801
Ion	Ratio	Lower Upper
82	100	
128	47.4	36.6 55.0
54	43.8	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

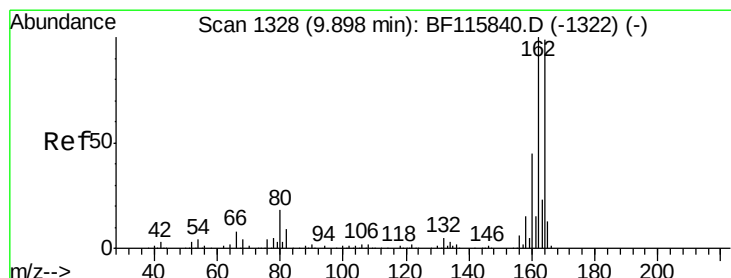
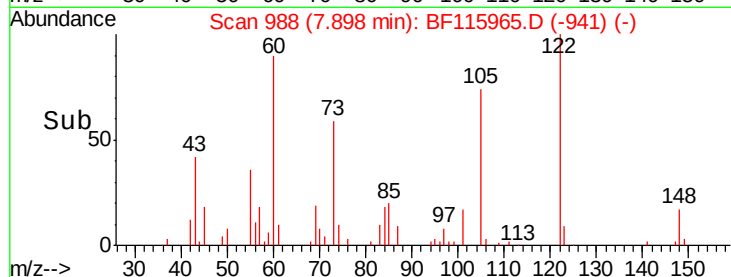
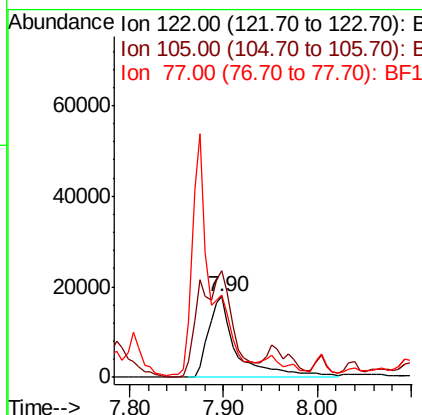
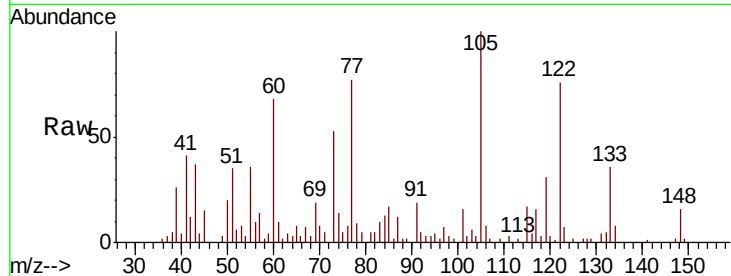




#32
Benzoic acid
Concen: 10.269 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF115965.D
Acq: 2 Aug 2019 23:38

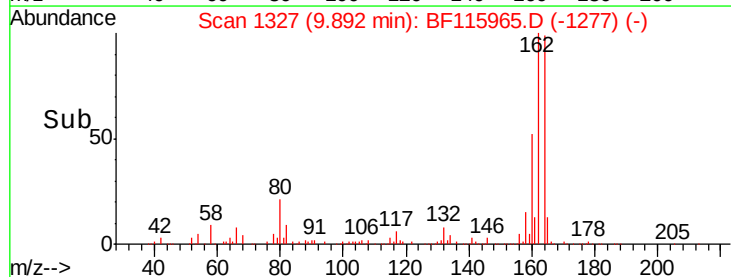
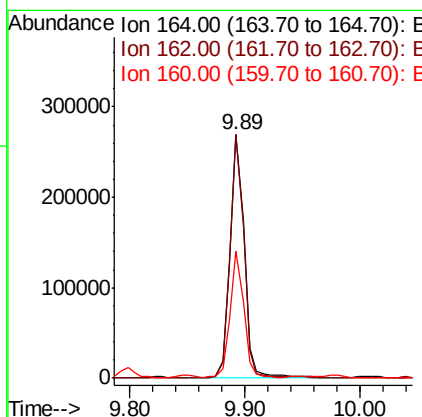
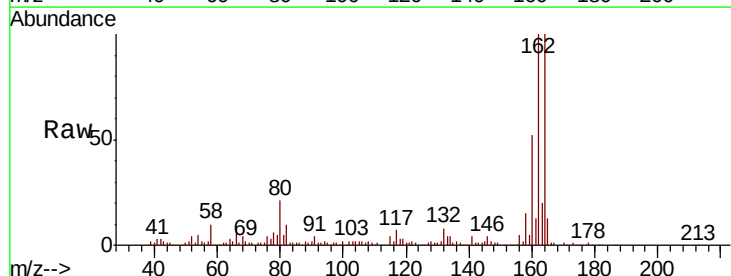
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

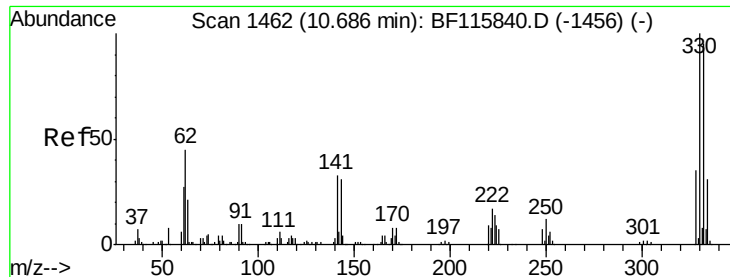
Tot Ion:122 Resp: 37710
Ion Ratio Lower Upper
122 100
105 132.0 103.1 143.1
77 101.5 76.8 116.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115965.D
Acq: 2 Aug 2019 23:38

Tgt Ion:164 Resp: 226854
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 52.0 36.2 54.4

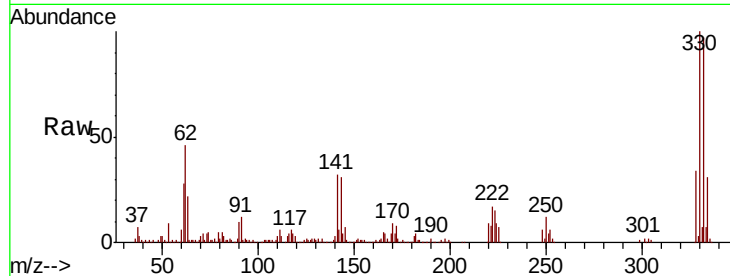




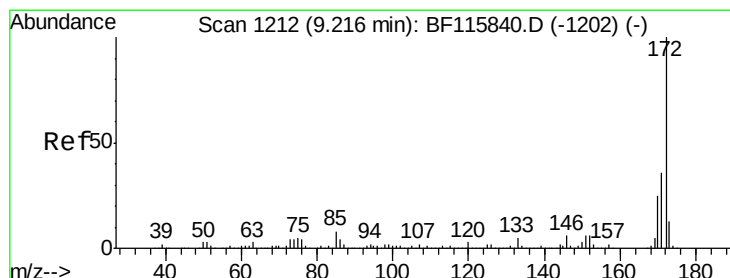
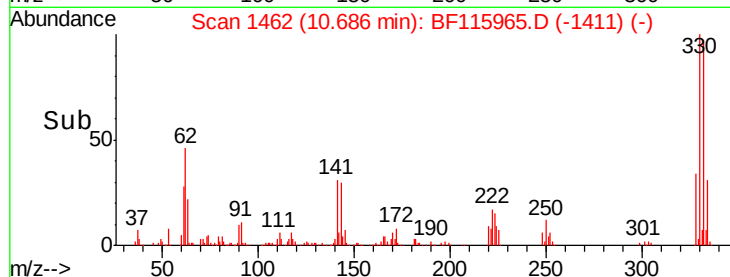
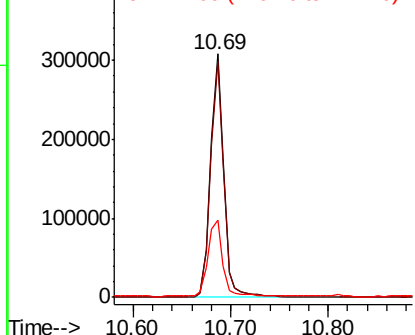
#42
 2,4,6-Tribromophenol
 Concen: 133.878 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115965.D
 Acq: 2 Aug 2019 23:38

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Tot Ion:330 Resp: 294454
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.7 116.5
 141 34.7 28.1 42.1

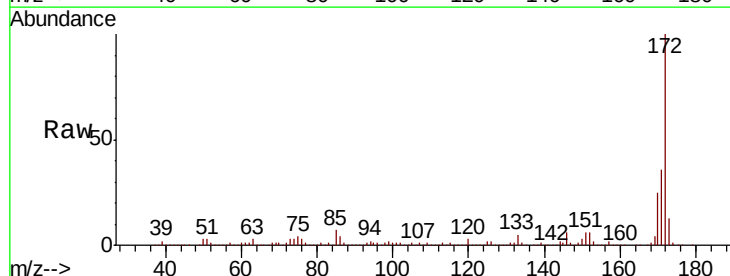


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

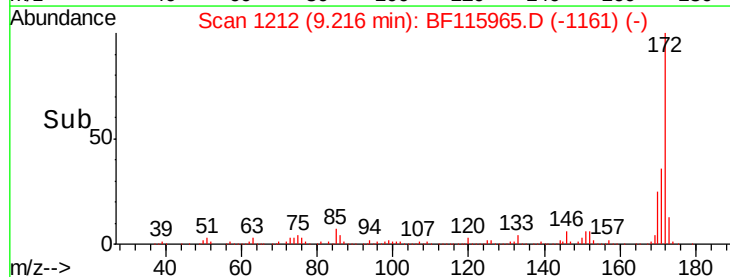
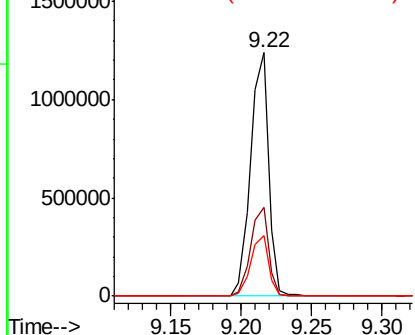


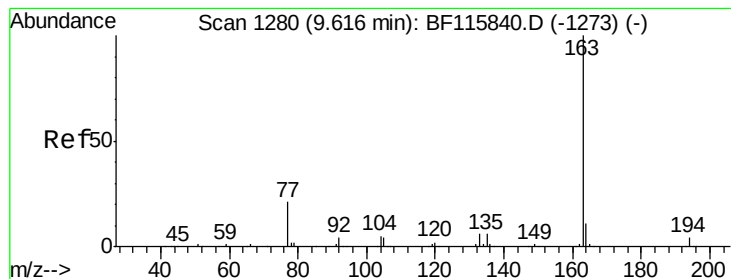
#45
 2-Fluorobiphenyl
 Concen: 92.840 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115965.D
 Acq: 2 Aug 2019 23:38

Tgt Ion:172 Resp: 1124415
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 24.7 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





#50

Dimethylphthalate

Concen: 7.718 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115965.D

Acq: 2 Aug 2019 23:38

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

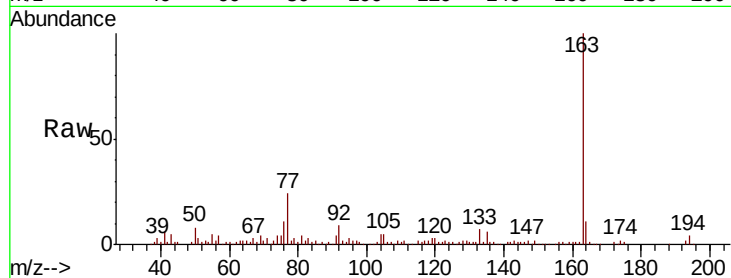
Tot Ion:163 Resp: 119210

Ion Ratio Lower Upper

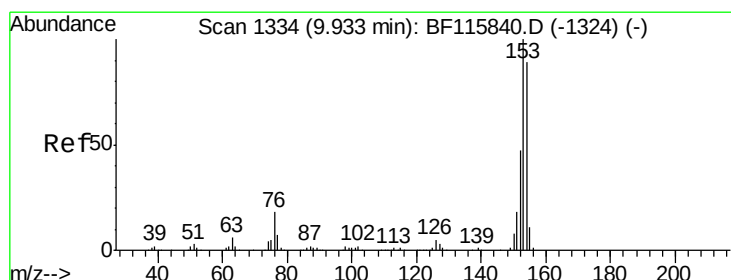
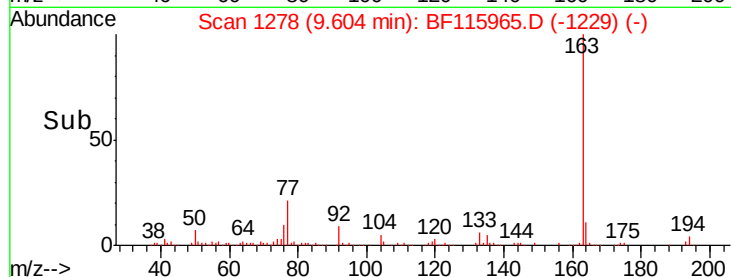
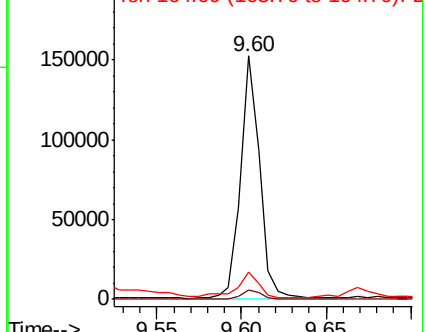
163 100

194 3.9 3.0 4.6

164 11.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 5.530 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115965.D

Acq: 2 Aug 2019 23:38

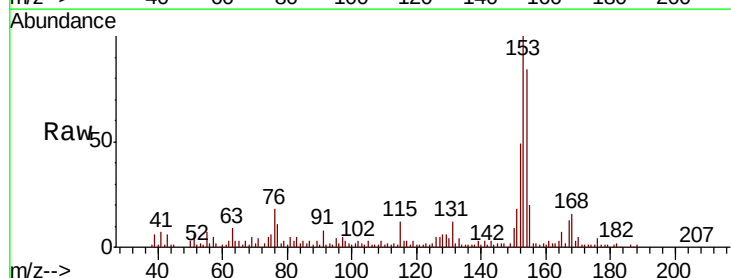
Tgt Ion:154 Resp: 65976

Ion Ratio Lower Upper

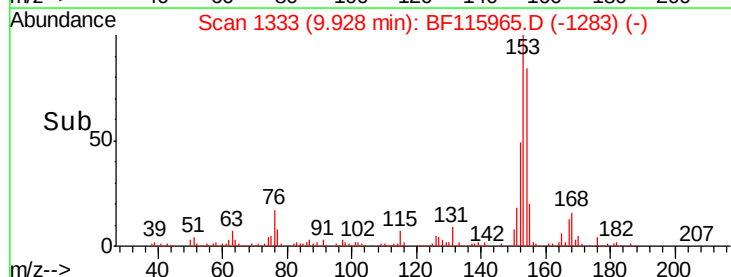
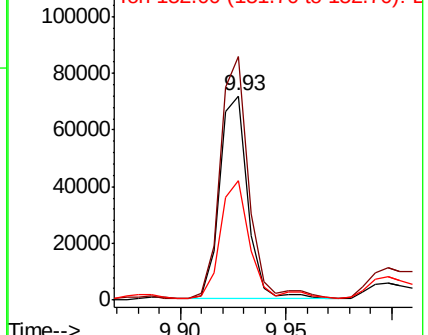
154 100

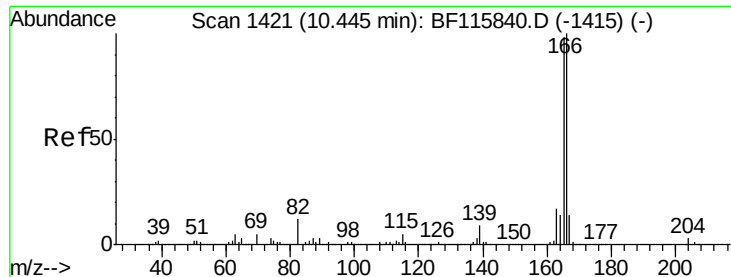
153 119.2 90.1 135.1

152 58.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

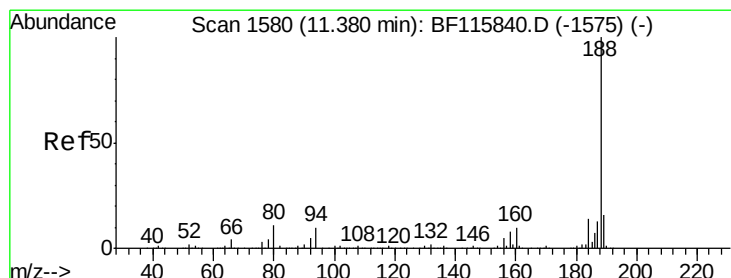
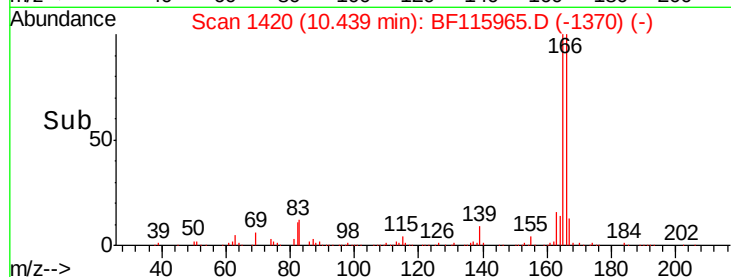
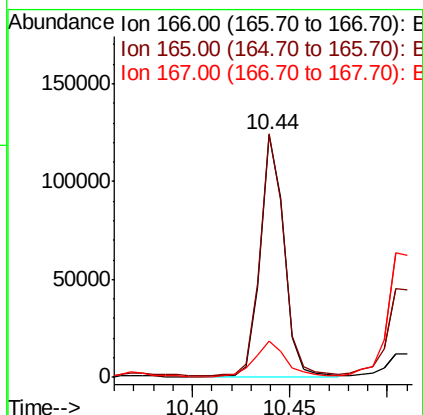
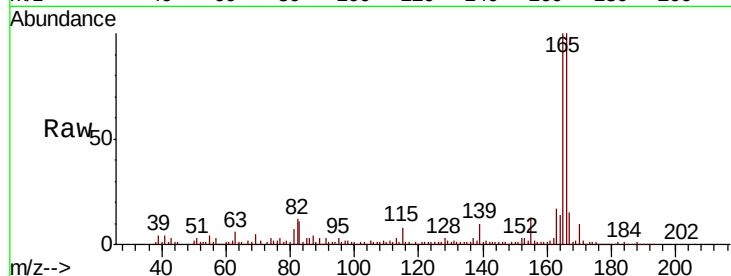




#58
Fluorene
Concen: 7.911 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115965.D
Acq: 2 Aug 2019 23:38

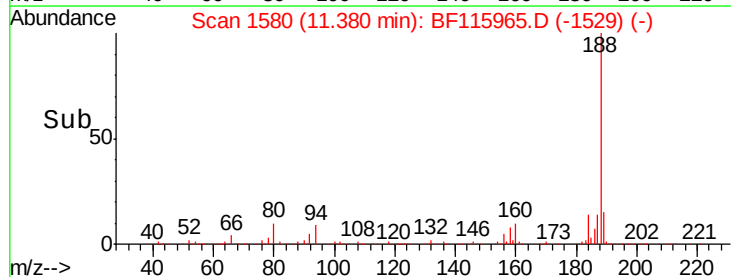
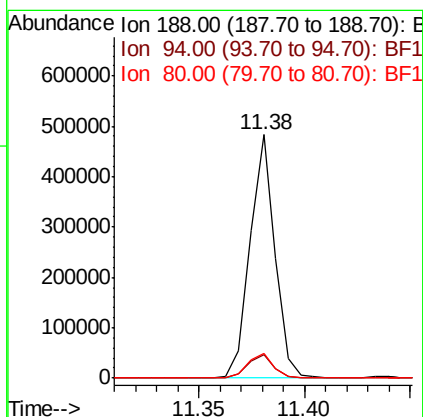
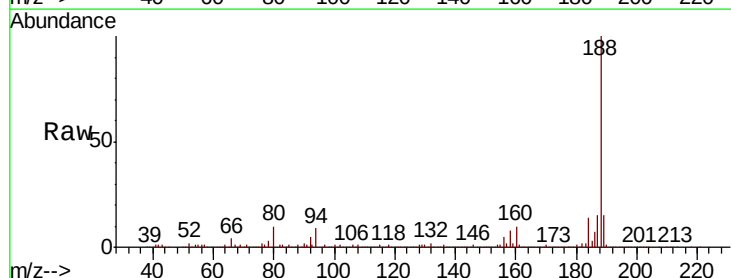
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

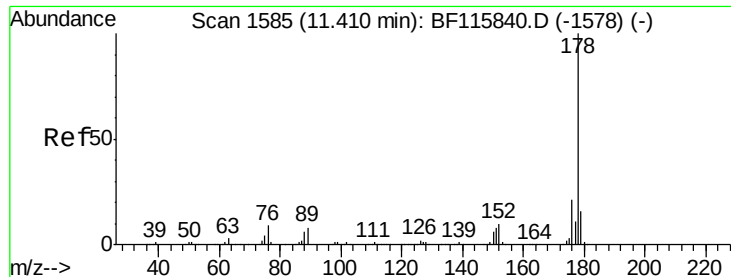
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.6	118.0
167	14.8	10.9	16.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115965.D
Acq: 2 Aug 2019 23:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	10.3	8.6	12.8

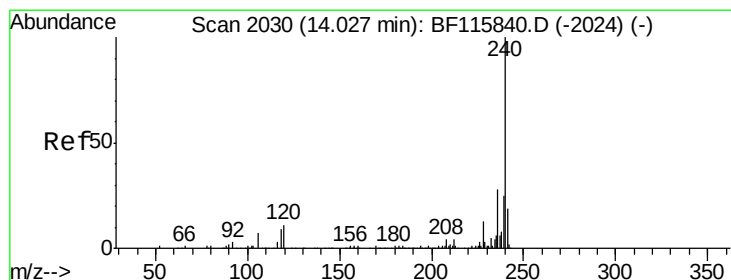
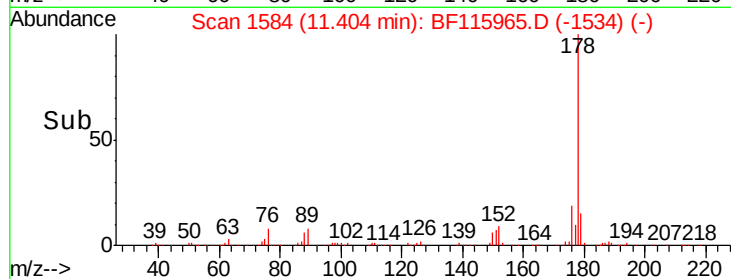
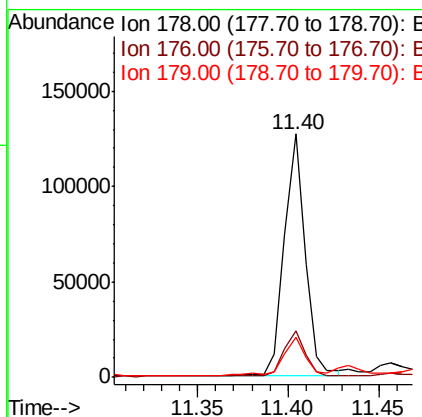
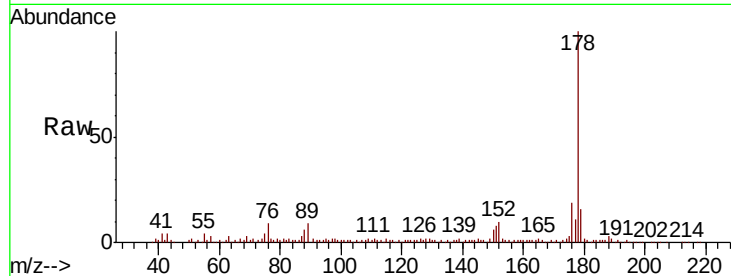




#71
Phenanthrene
Concen: 5.055 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115965.D
Acq: 2 Aug 2019 23:38

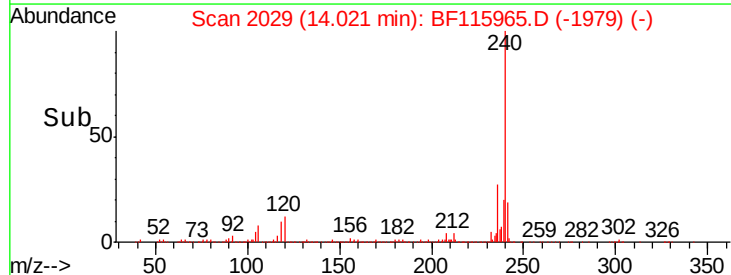
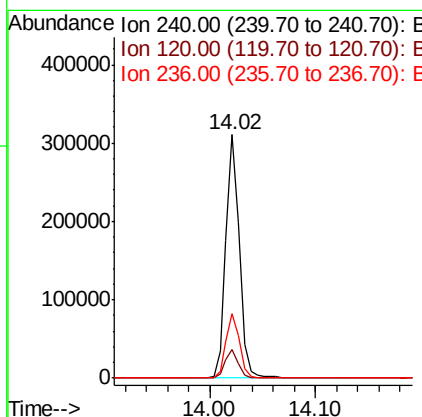
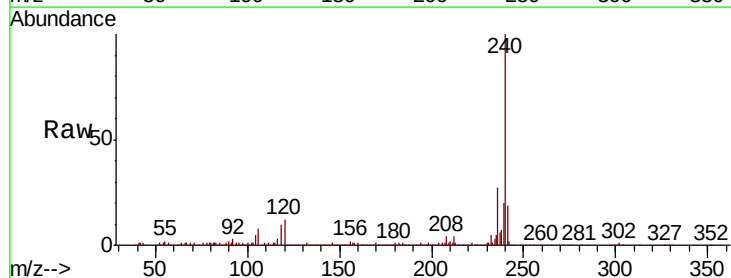
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

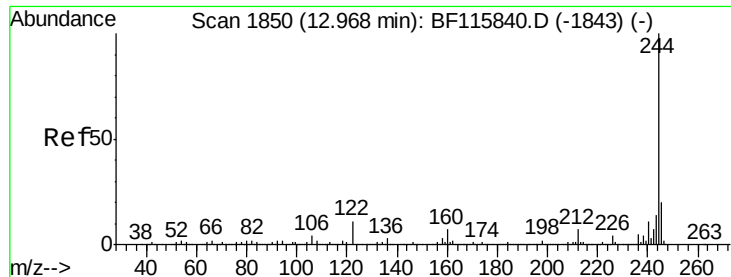
Tot Ion:178 Resp: 102643
Ion Ratio Lower Upper
178 100
176 19.3 16.5 24.7
179 16.3 12.6 18.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115965.D
Acq: 2 Aug 2019 23:38

Tgt Ion:240 Resp: 279588
Ion Ratio Lower Upper
240 100
120 11.8 8.5 12.7
236 26.6 22.2 33.2





#79

Terphenyl-d14

Concen: 101.687 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115965.D

Acq: 2 Aug 2019 23:38

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

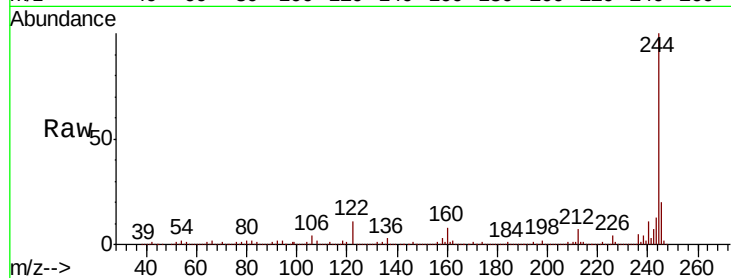
Tot Ion:244 Resp: 1349223

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

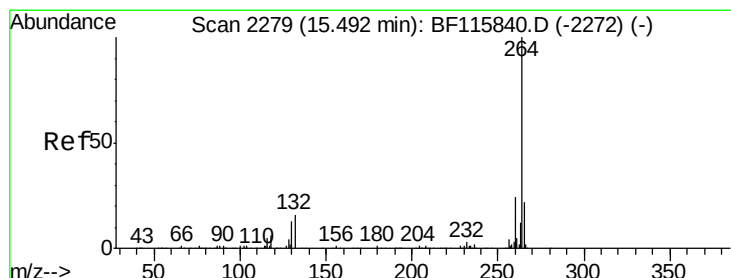
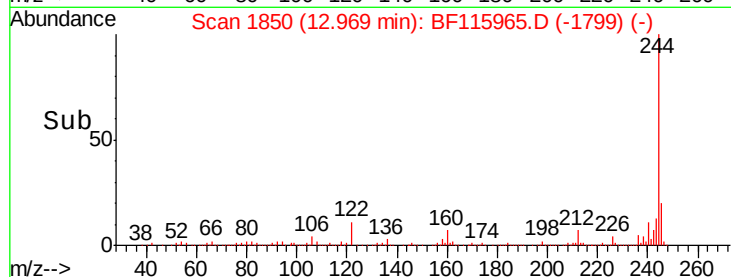
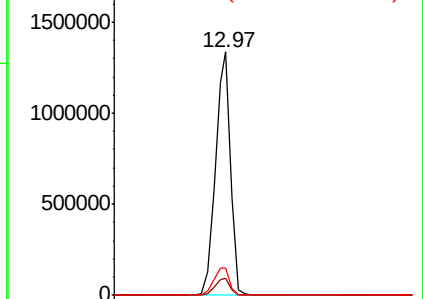
122 11.4 8.6 13.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115965.D

Acq: 2 Aug 2019 23:38

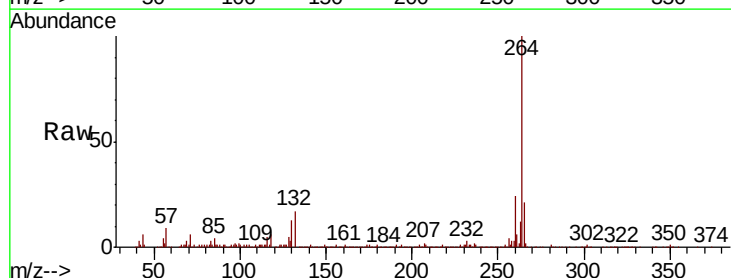
Tgt Ion:264 Resp: 319379

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.4 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

