

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115938.D
 Acq On : 2 Aug 2019 11:20
 Operator : HP/JU
 Sample : PB121939BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121939BL

Quant Time: Aug 02 17:19:27 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	158226	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	606414	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	326755	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	586405	20.00	ng	0.00
76) Chrysene-d12	14.02	240	450010	20.00	ng	0.00
87) Perylene-d12	15.49	264	417921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	797330	84.36	ng	0.02
7) Phenol-d6	6.49	99	985038	82.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	922073	87.77	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	276115	87.16	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1581127	90.64	ng	0.00
79) Terphenyl-d14	12.97	244	1718653	80.48	ng	0.00

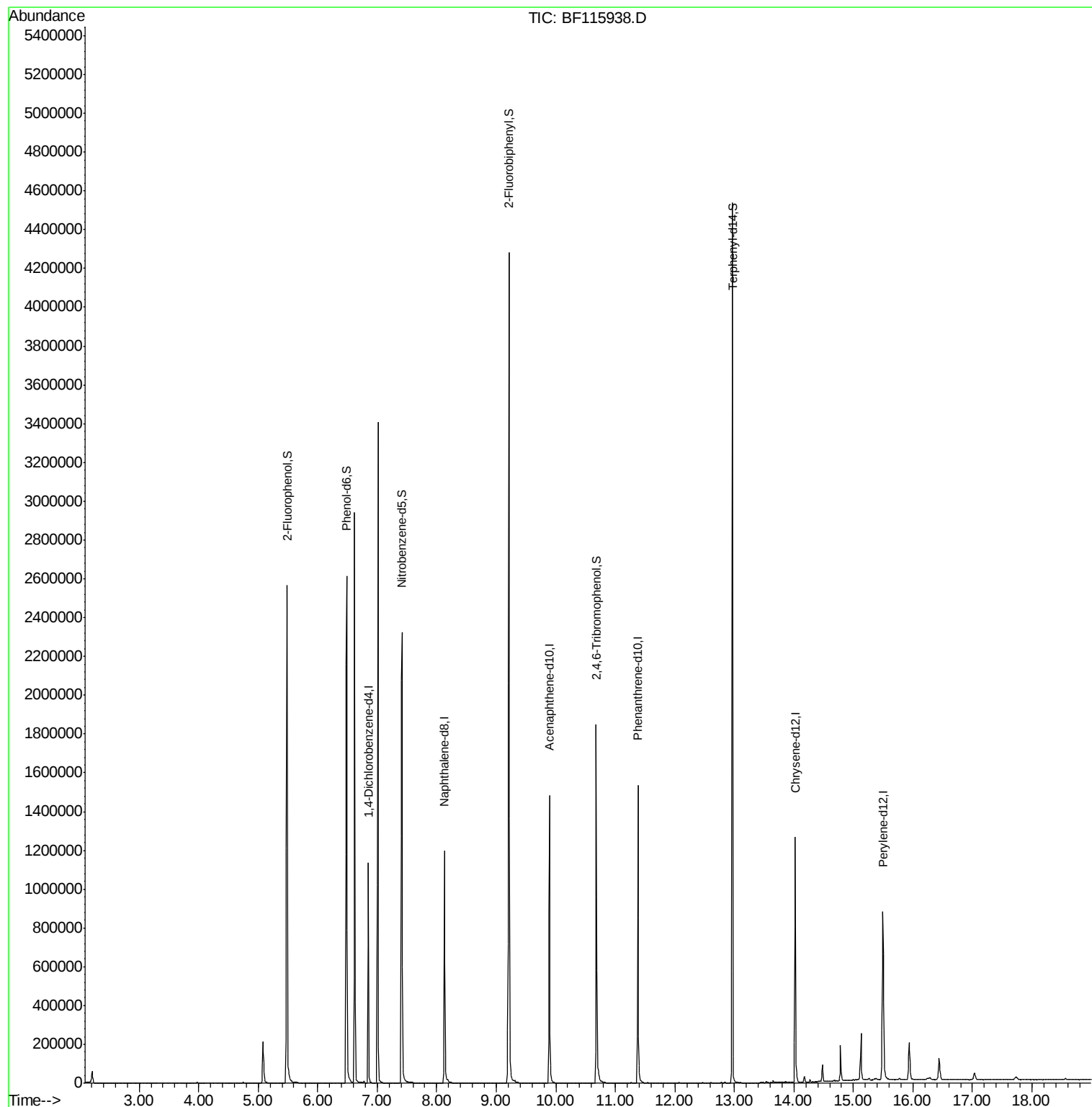
Target Compounds Qvalue

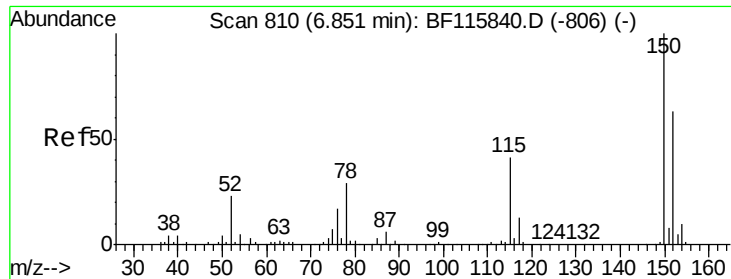
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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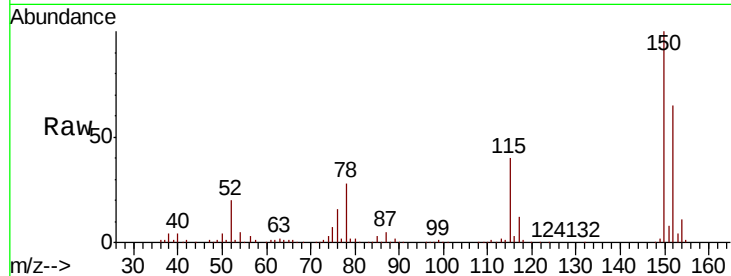


#1

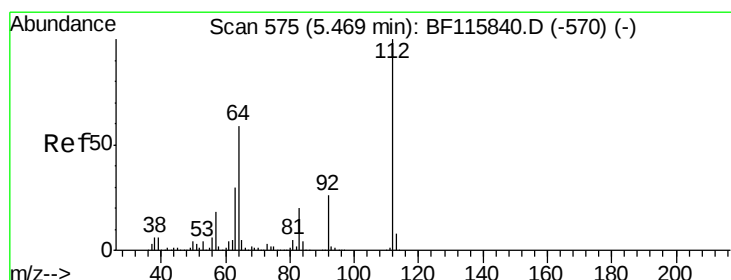
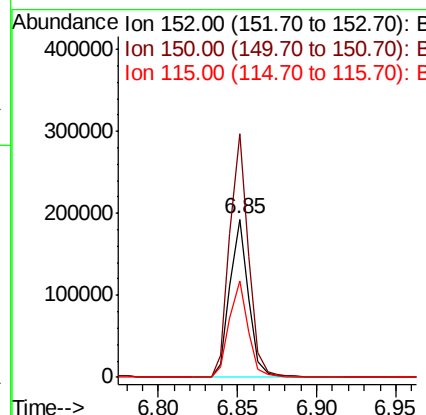
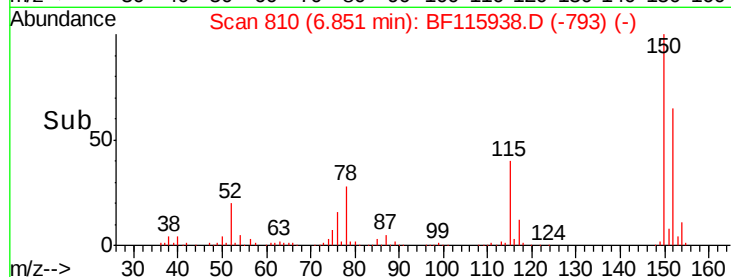
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115938.D
Acq: 2 Aug 2019 11:20

Instrument :
BNA_F
ClientSampleId :
PB121939BL

Tot Ion:152 Resp: 158226
Ion Ratio Lower Upper
152 100
150 153.7 127.4 191.0
115 61.0 51.8 77.8



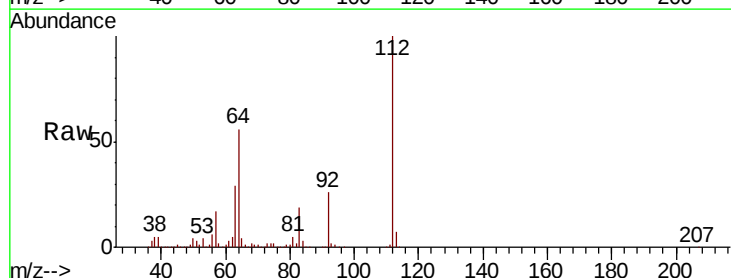
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



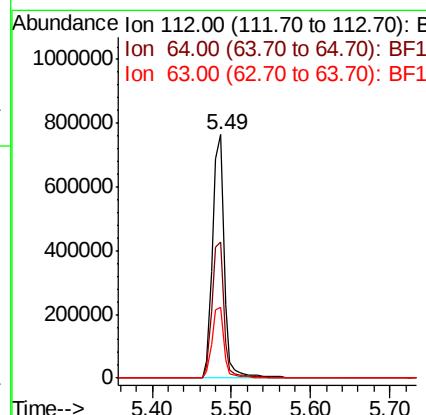
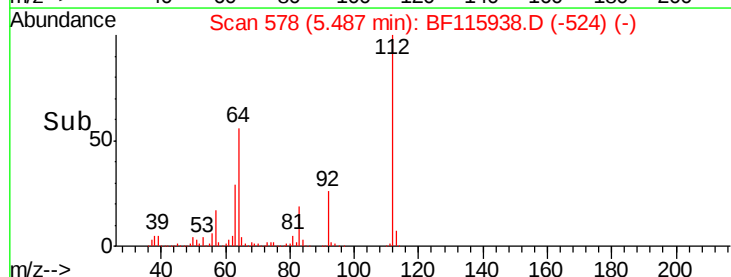
#5

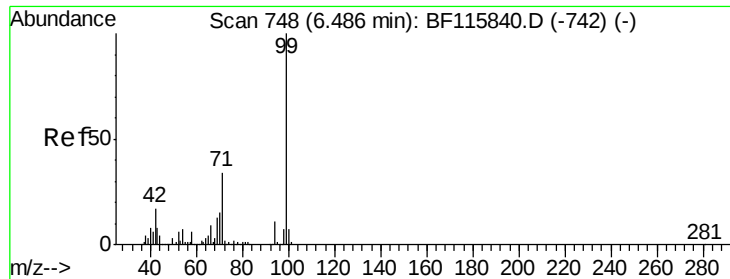
2-Fluorophenol
Concen: 84.359 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115938.D
Acq: 2 Aug 2019 11:20

Tgt Ion:112 Resp: 797330
Ion Ratio Lower Upper
112 100
64 56.1 46.8 70.2
63 29.2 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: 82.604 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

Instrument :

BNA_F

ClientSampleId :

PB121939BL

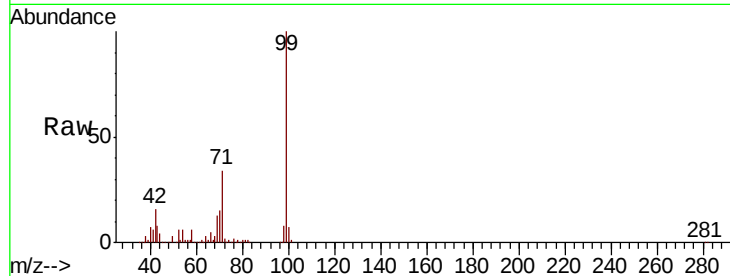
Tot Ion: 99 Resp: 985038

Ion Ratio Lower Upper

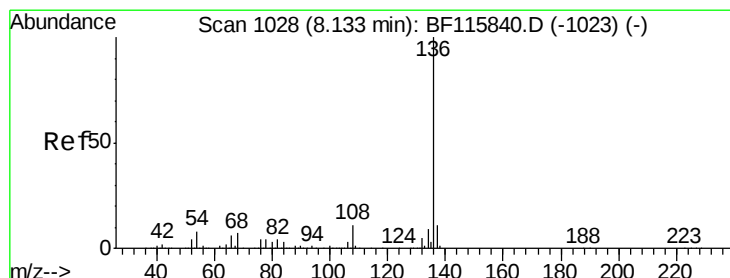
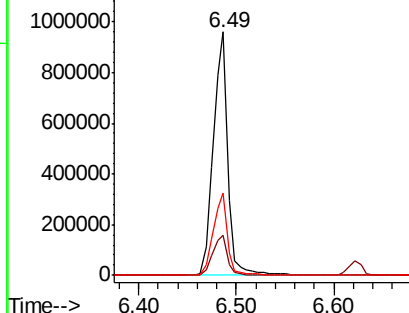
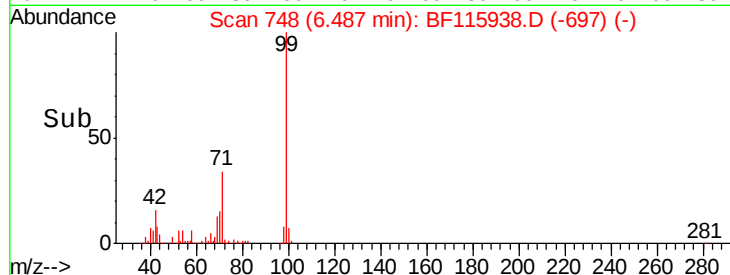
99 100

42 16.4 13.8 20.6

71 33.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

Tgt Ion: 136 Resp: 606414

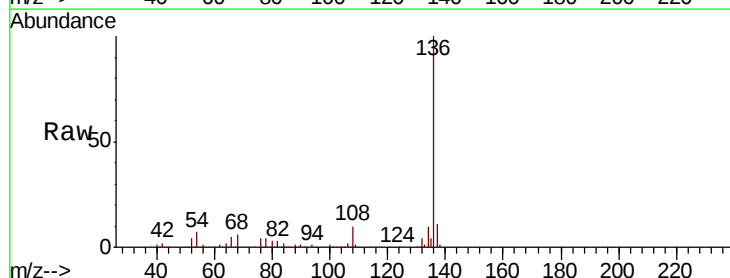
Ion Ratio Lower Upper

136 100

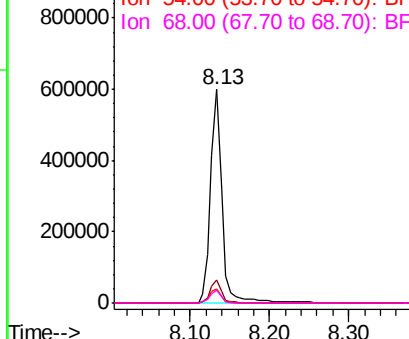
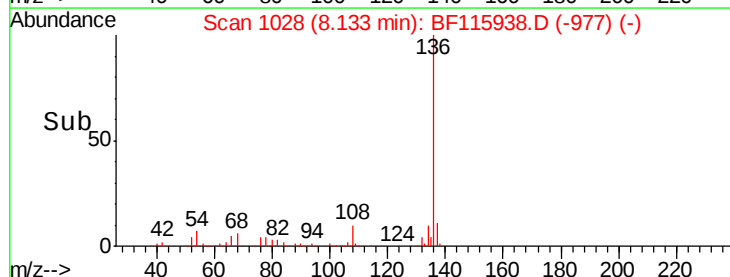
137 10.8 9.1 13.7

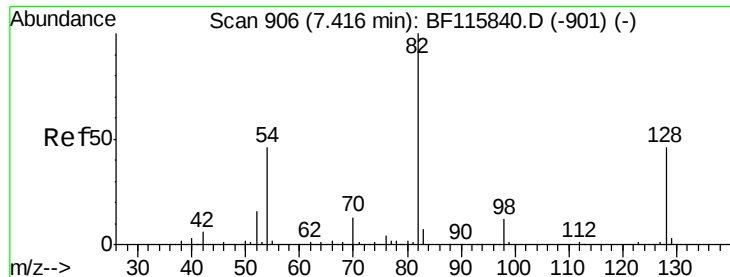
54 6.8 6.1 9.1

68 5.9 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

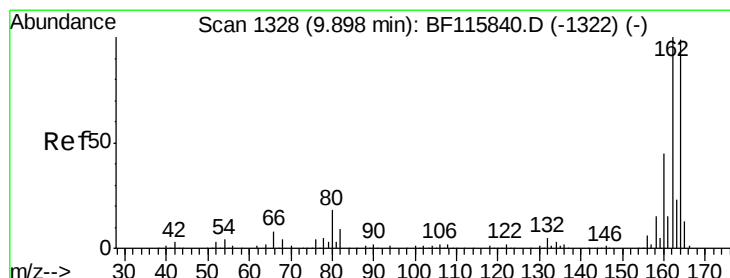
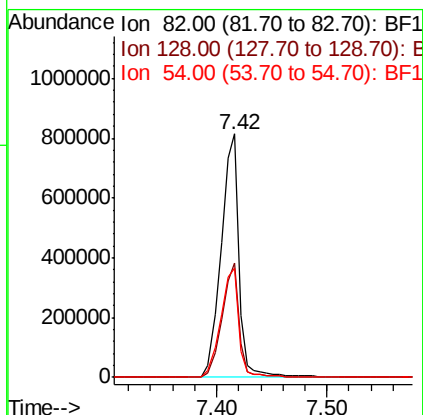
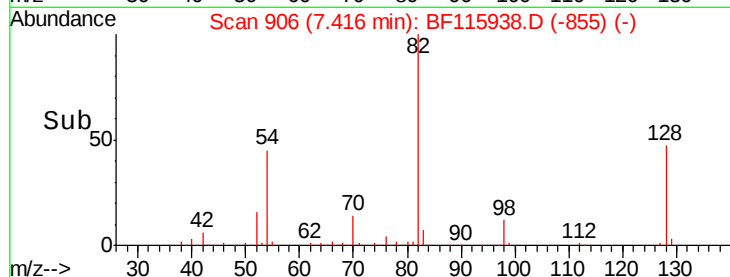
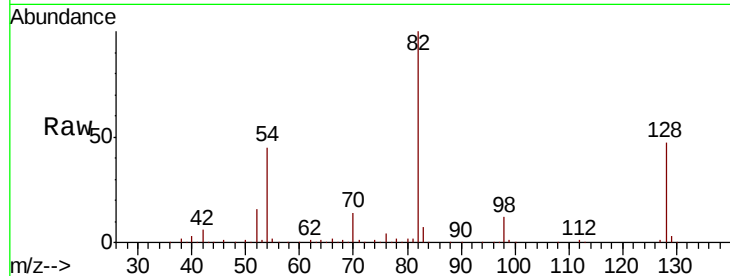




#23
 Nitrobenzene-d5
 Concen: 87.770 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

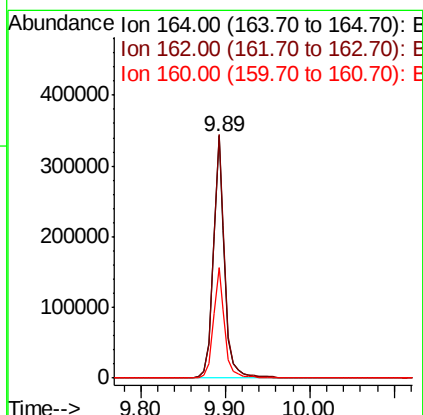
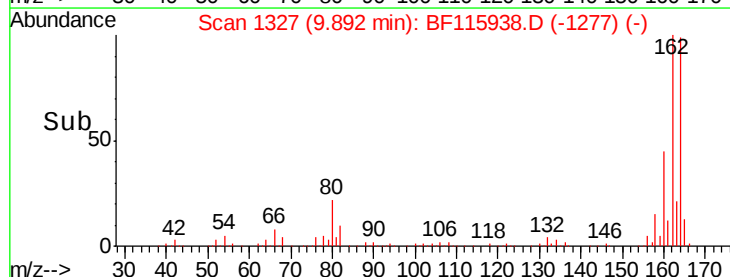
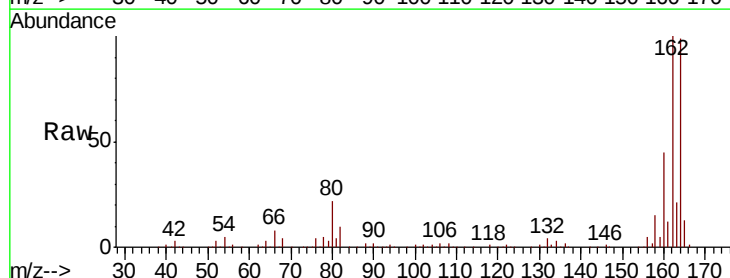
Instrument :
 BNA_F
 ClientSampled :
 PB121939BL

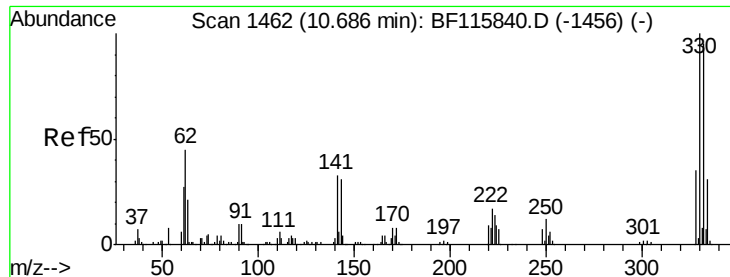
Tot Ion: 82 Resp: 922073
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.6 55.0
 54 44.6 36.6 55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

Tgt Ion:164 Resp: 326755
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.8 121.2
 160 45.8 36.2 54.4

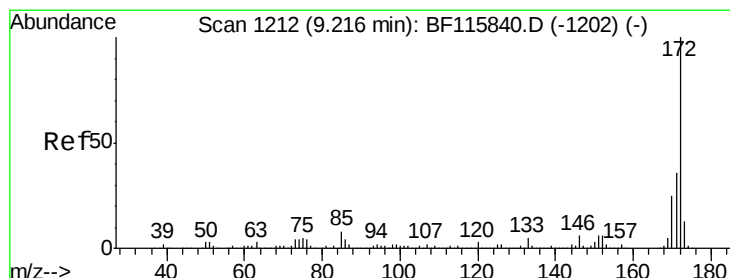
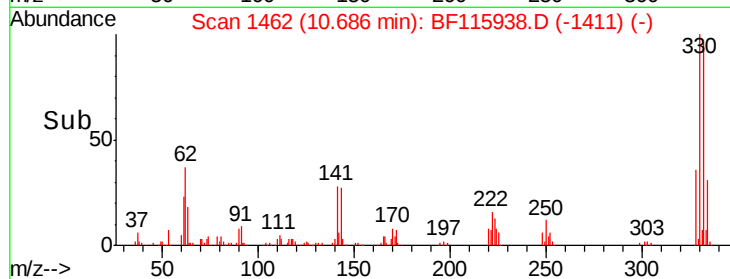
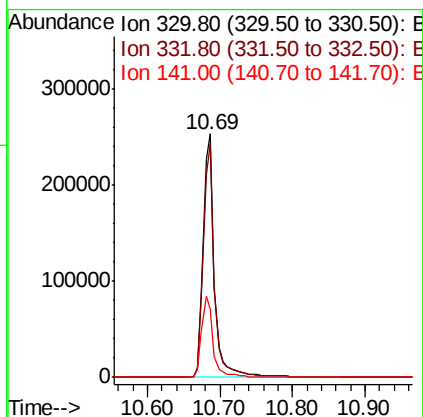
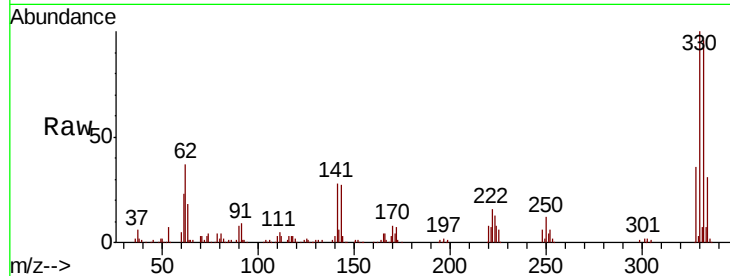




#42
 2,4,6-Tribromophenol
 Concen: 87.158 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

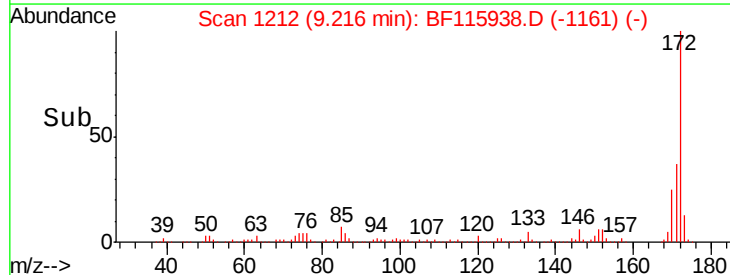
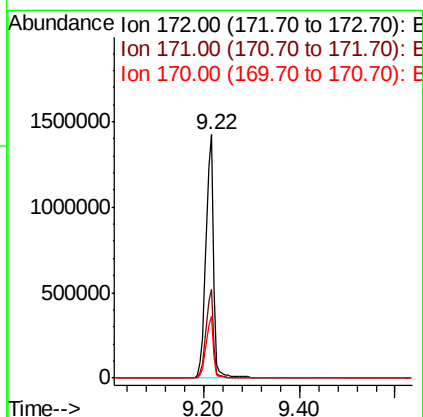
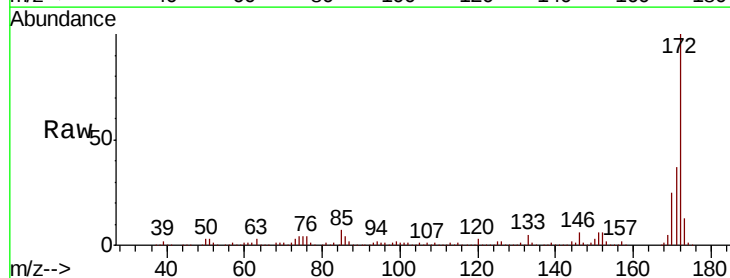
Instrument :
 BNA_F
 ClientSampleId :
 PB121939BL

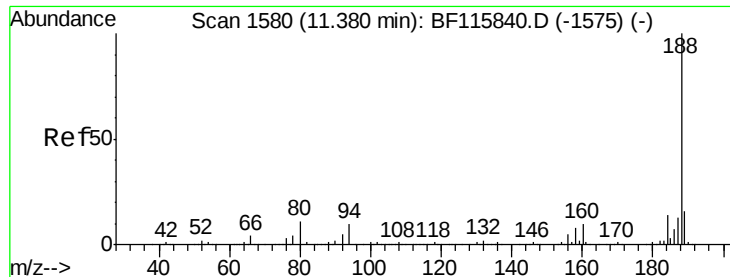
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.7	116.5
141	34.5	28.1	42.1



#45
 2-Fluorobiphenyl
 Concen: 90.636 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115938.D
 Acq: 2 Aug 2019 11:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	25.3	20.1	30.1

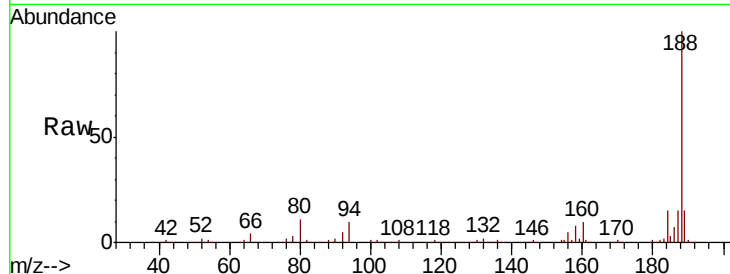




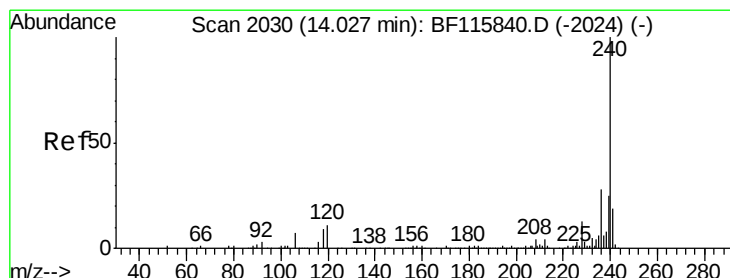
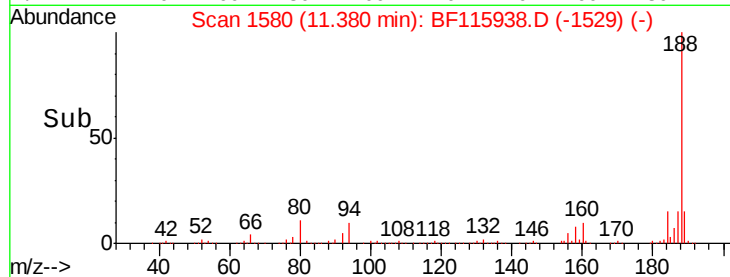
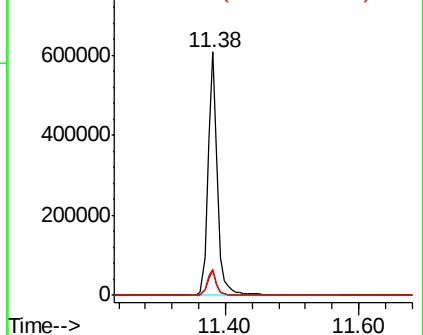
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115938.D
Acq: 2 Aug 2019 11:20

Instrument :
BNA_F
ClientSampleId :
PB121939BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.8	8.6	12.8

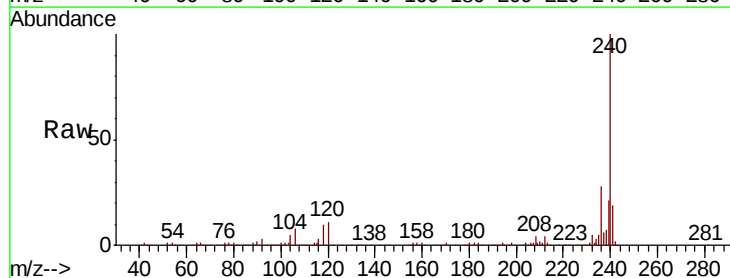


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

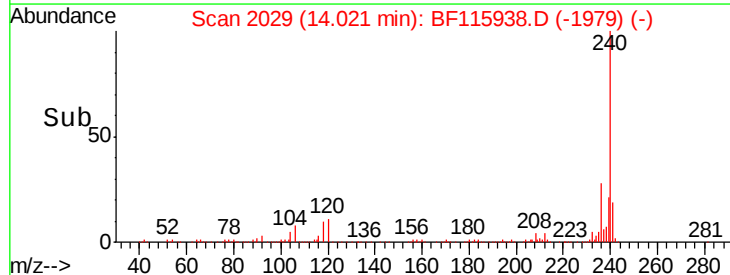
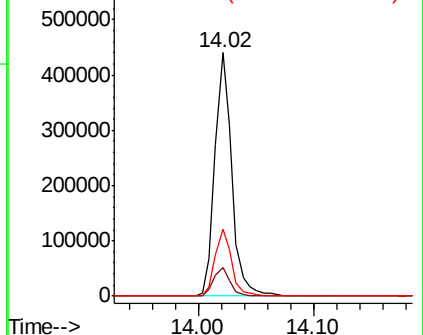


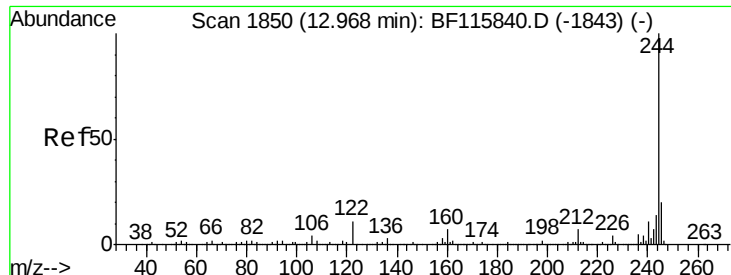
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115938.D
Acq: 2 Aug 2019 11:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.5	12.7
236	27.6	22.2	33.2



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: 80.476 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

Instrument :

BNA_F

ClientSampleId :

PB121939BL

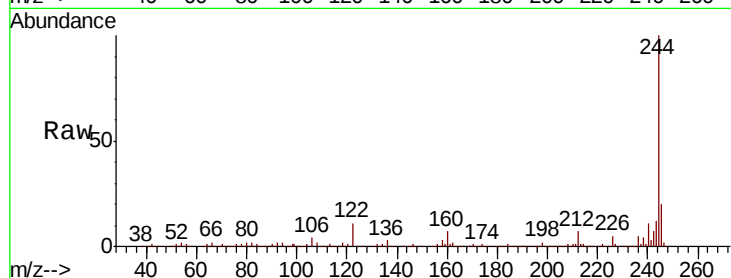
Tot Ion:244 Resp: 1718653

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

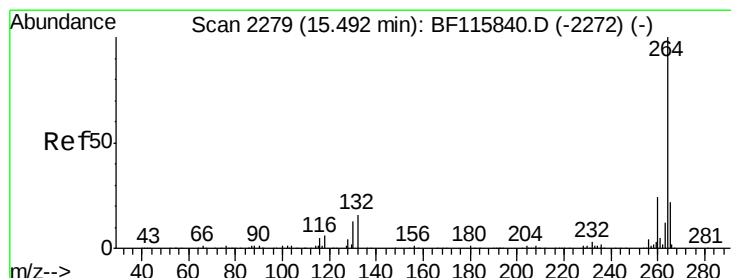
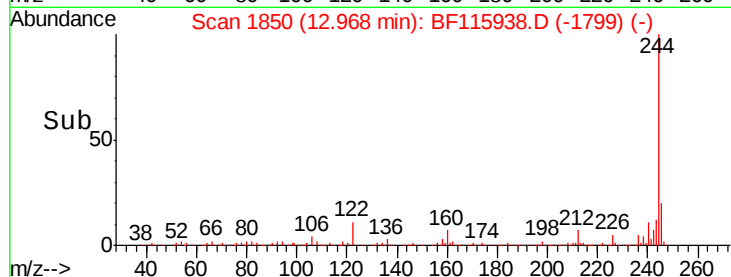
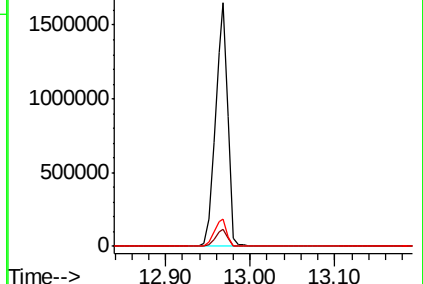
122 11.2 8.6 13.0



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115938.D

Acq: 2 Aug 2019 11:20

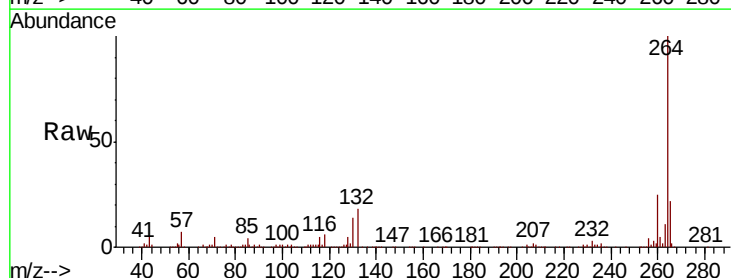
Tgt Ion:264 Resp: 417921

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 21.9 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

