

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115785.D
 Acq On : 26 Jul 2019 13:43
 Operator : HP/JU
 Sample : PB121741BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BL

Quant Time: Jul 26 18:18:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170721	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	672178	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	369835	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	646144	20.00	ng	0.00
76) Chrysene-d12	14.03	240	403887	20.00	ng	0.00
87) Perylene-d12	15.50	264	348548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	893859	85.64	ng	0.01
7) Phenol-d6	6.50	99	1120403	84.60	ng	0.00
23) Nitrobenzene-d5	7.43	82	1068698	92.45	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	328462	76.09	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1981684	93.79	ng	0.00
79) Terphenyl-d14	12.97	244	1849717	84.50	ng	0.00

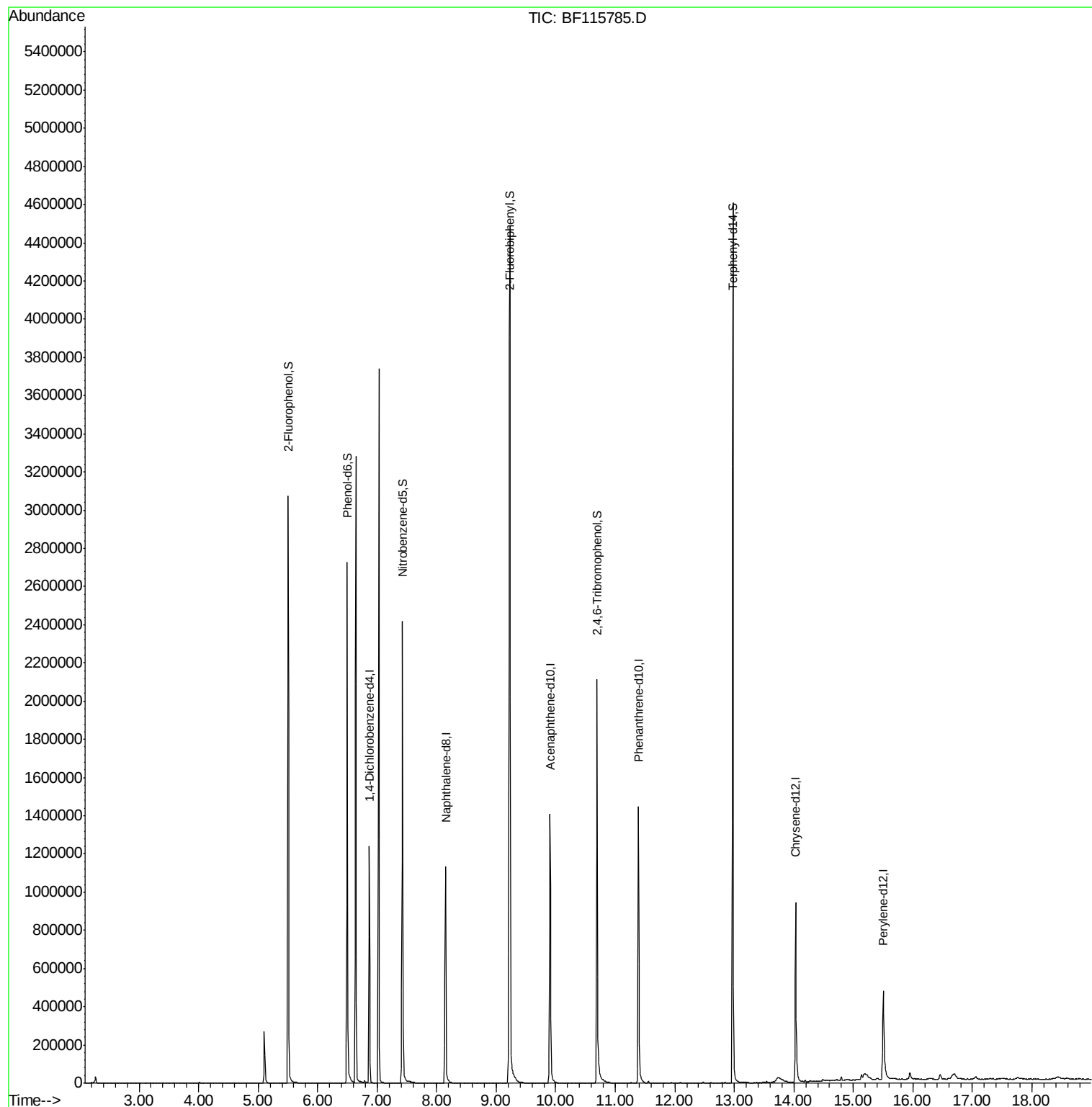
Target Compounds Qvalue

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

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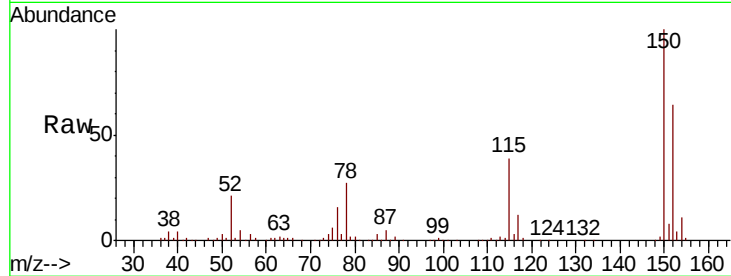


#1

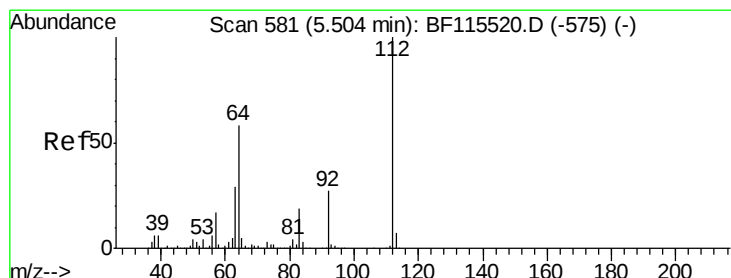
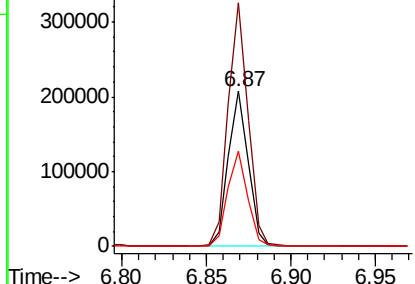
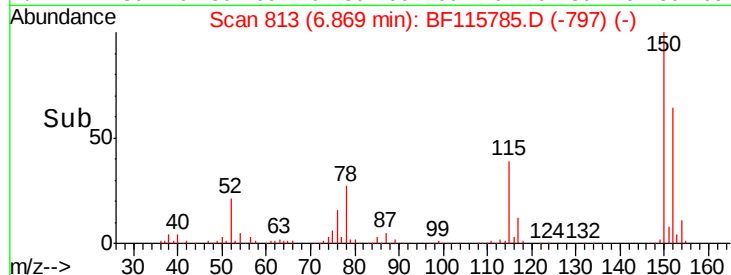
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BL

Tot Ion:152 Resp: 170721
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.6 189.8
 115 61.5 47.8 71.6



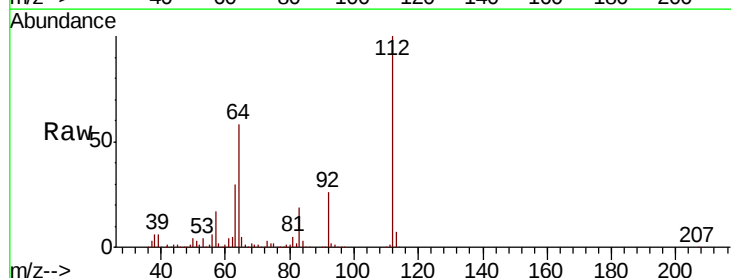
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



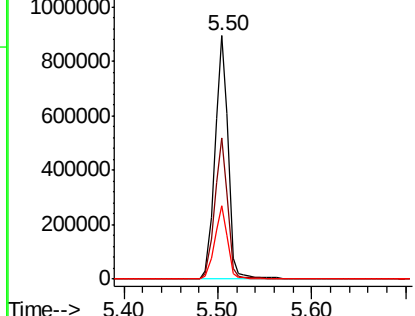
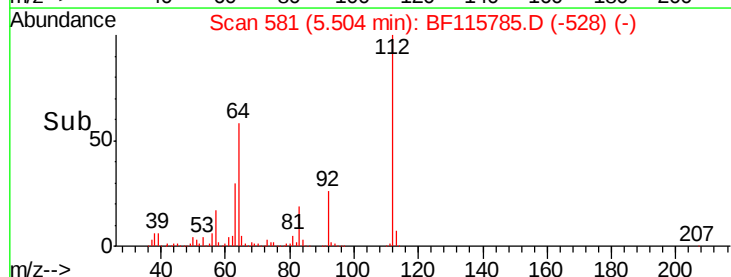
#5

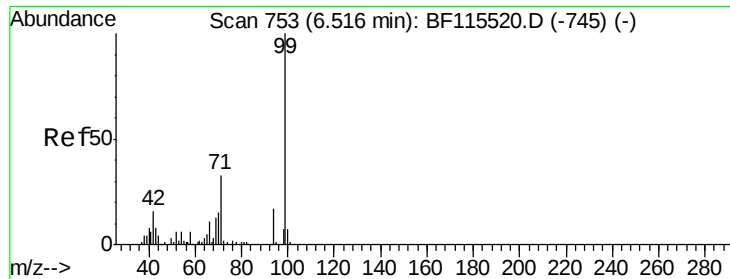
2-Fluorophenol
 Concen: 85.642 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Tgt Ion:112 Resp: 893859
 Ion Ratio Lower Upper
 112 100
 64 58.1 45.8 68.8
 63 30.1 23.6 35.4



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: 84.600 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115785.D

Acq: 26 Jul 2019 13:43

Instrument :

BNA_F

ClientSampleId :

PB121741BL

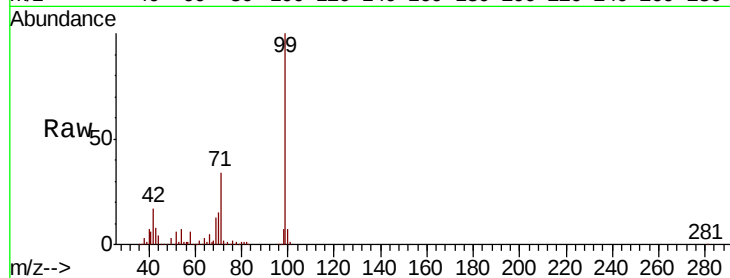
Tot Ion: 99 Resp: 1120403

Ion Ratio Lower Upper

99 100

42 17.2 13.4 20.2

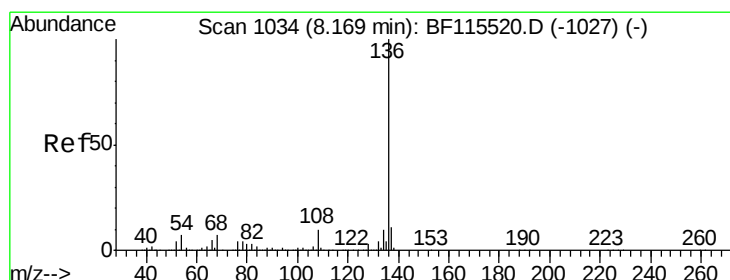
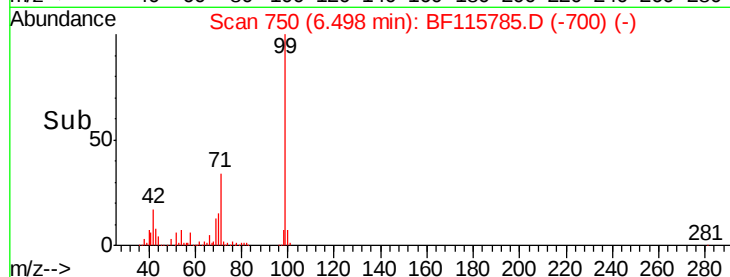
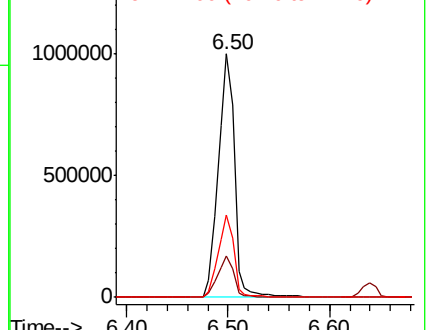
71 33.9 26.7 40.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115785.D

Acq: 26 Jul 2019 13:43

Tgt Ion: 136 Resp: 672178

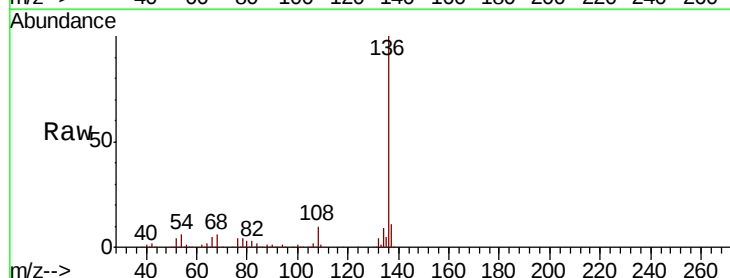
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.5 5.0 7.6

68 5.8 4.7 7.1

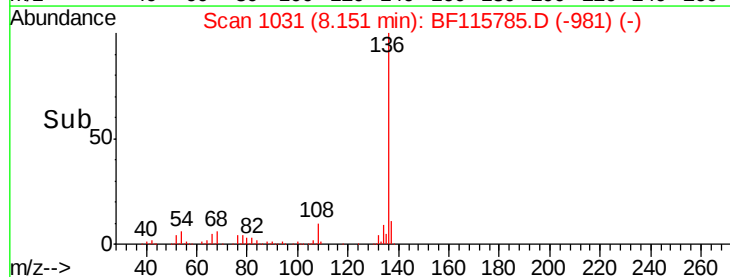
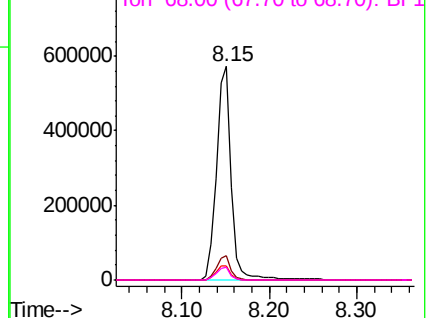


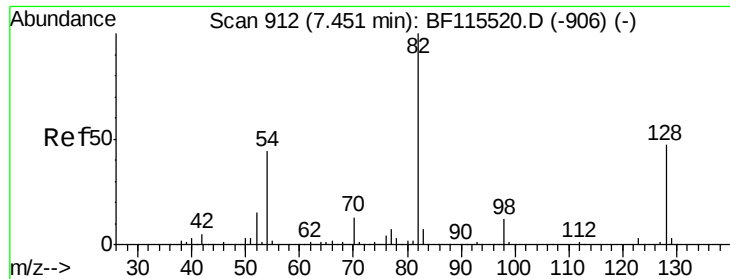
Abundance Ion 136.00 (135.70 to 136.70): E

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

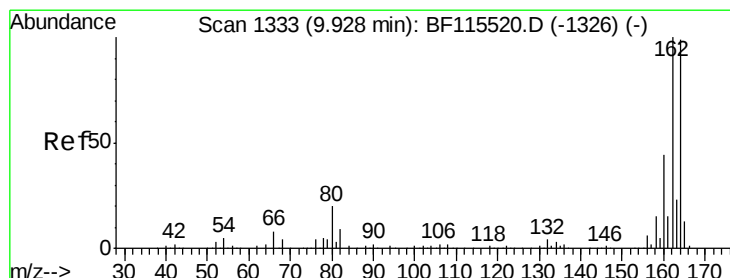
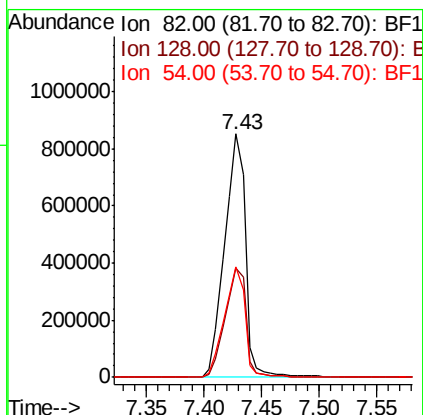
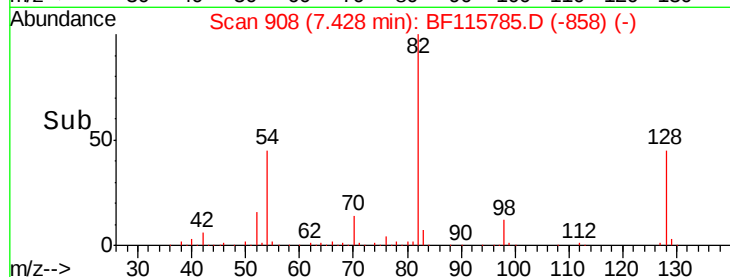
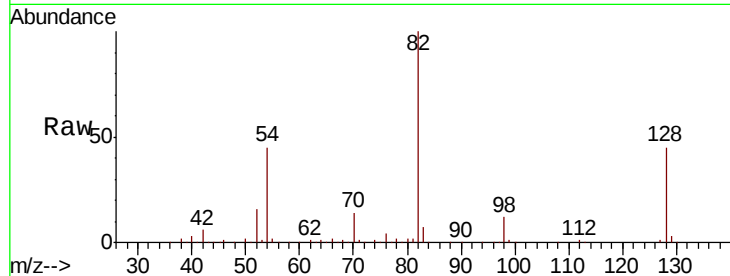




#23
 Nitrobenzene-d5
 Concen: 92.447 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

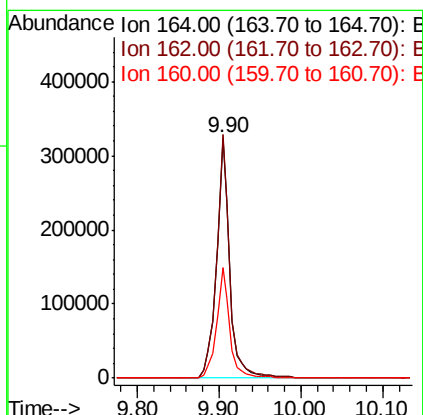
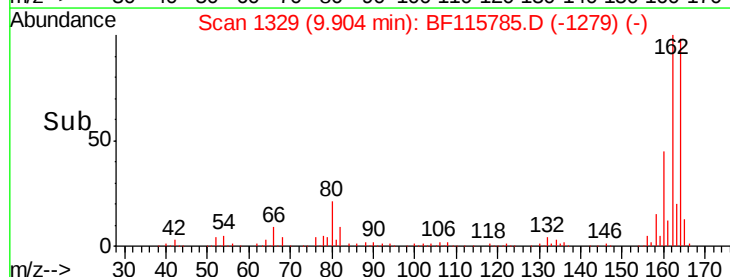
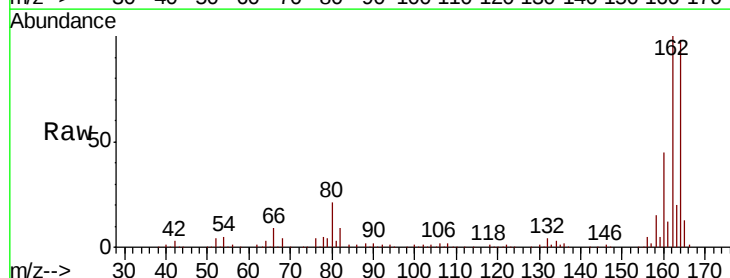
Instrument :
 BNA_F
 ClientSampleId :
 PB121741BL

Tot Ion: 82 Resp: 1068698
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.6 55.0
 54 45.4 36.6 54.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Tgt Ion: 164 Resp: 369835
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.8 122.6
 160 45.9 37.5 56.3

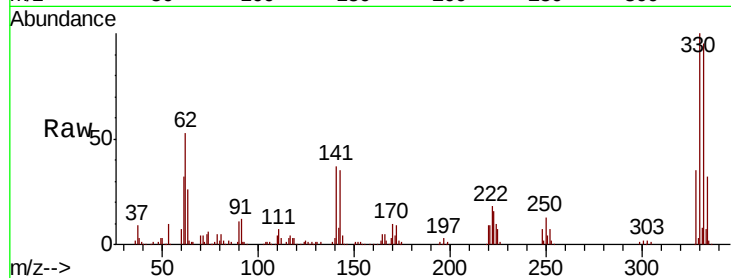




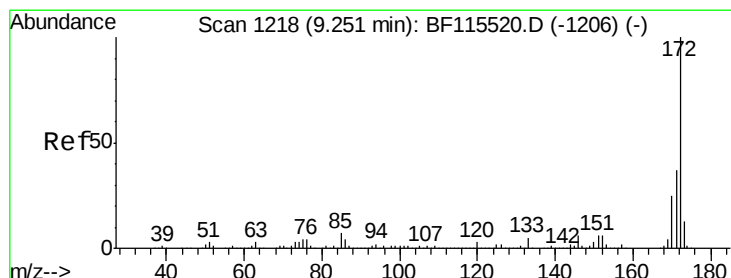
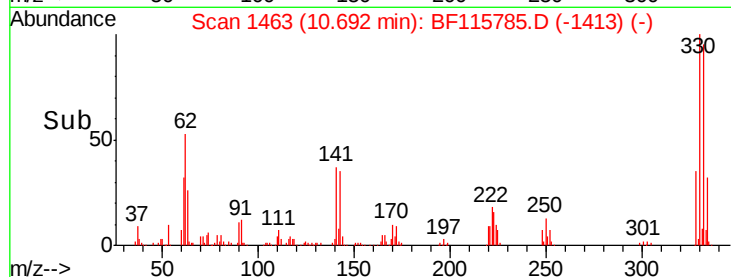
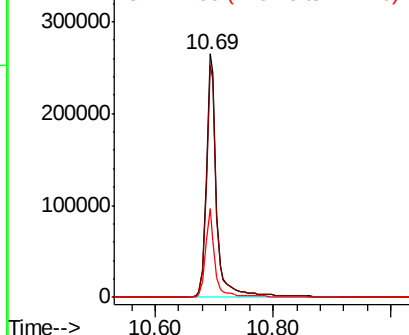
#42
 2,4,6-Tribromophenol
 Concen: 76.088 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.1	114.1
141	34.0	25.9	38.9

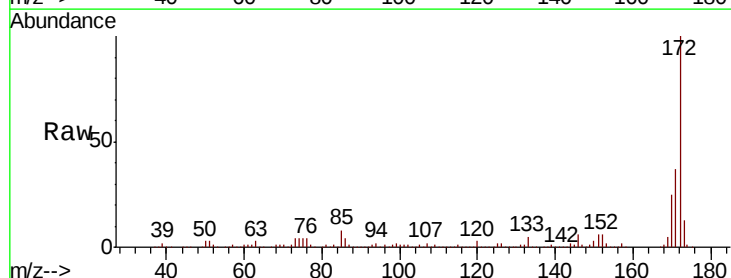


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

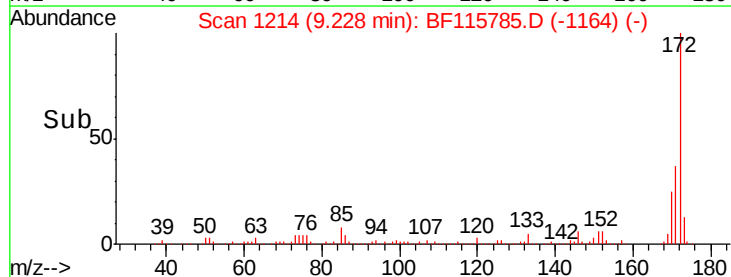
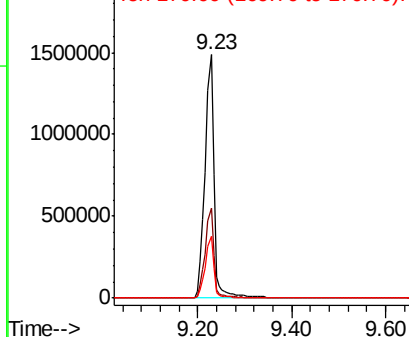


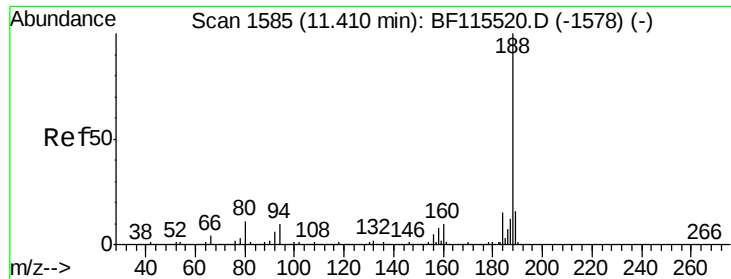
#45
 2-Fluorobiphenyl
 Concen: 93.785 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115785.D
 Acq: 26 Jul 2019 13:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	25.3	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

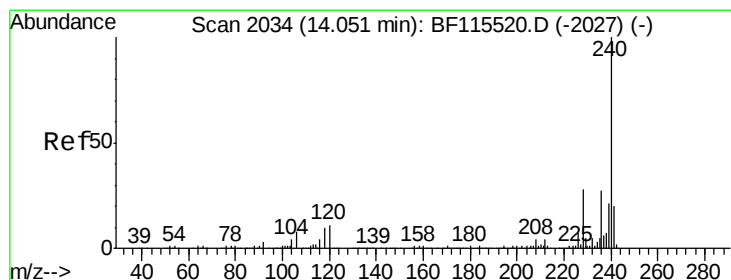
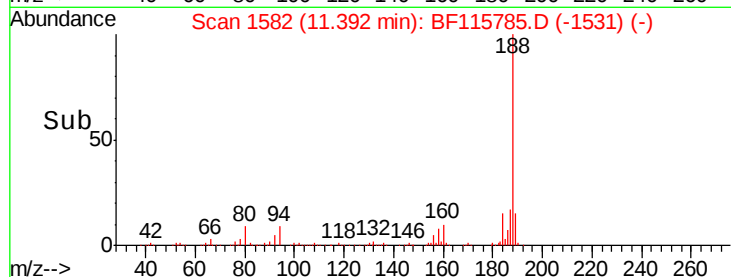
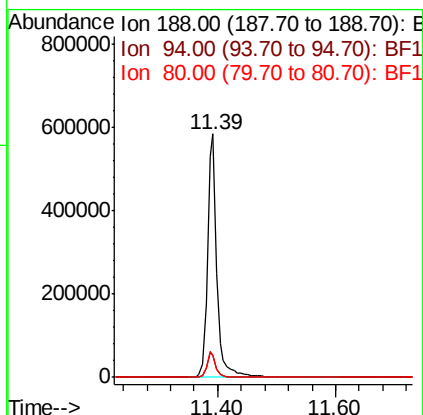
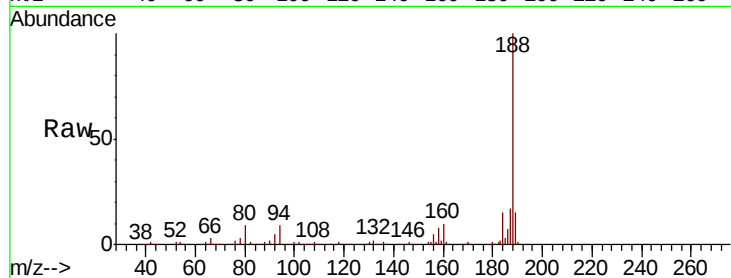




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115785.D
Acq: 26 Jul 2019 13:43

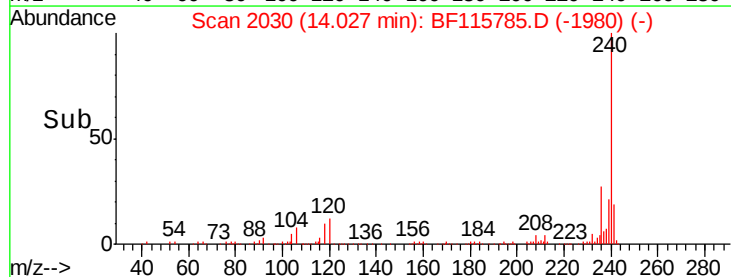
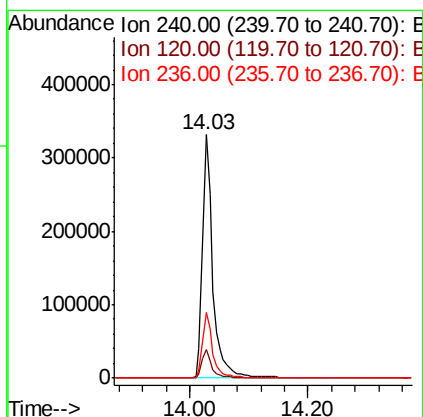
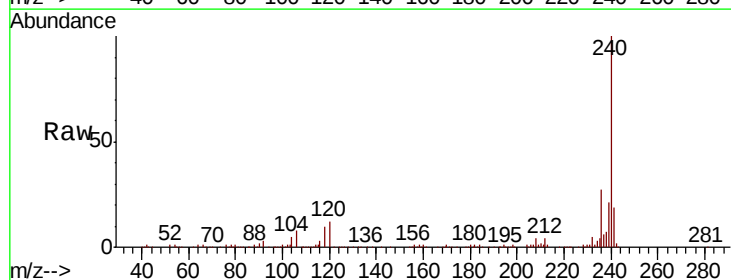
Instrument :
BNA_F
ClientSampleId :
PB121741BL

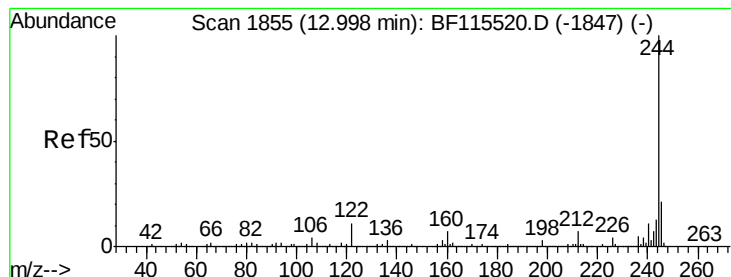
Tot Ion:188 Resp: 646144
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.3 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115785.D
Acq: 26 Jul 2019 13:43

Tgt Ion:240 Resp: 403887
Ion Ratio Lower Upper
240 100
120 11.6 10.0 15.0
236 27.0 21.8 32.6





#79

Terphenyl-d14

Concen: 84.505 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115785.D

Acq: 26 Jul 2019 13:43

Instrument :

BNA_F

ClientSampleId :

PB121741BL

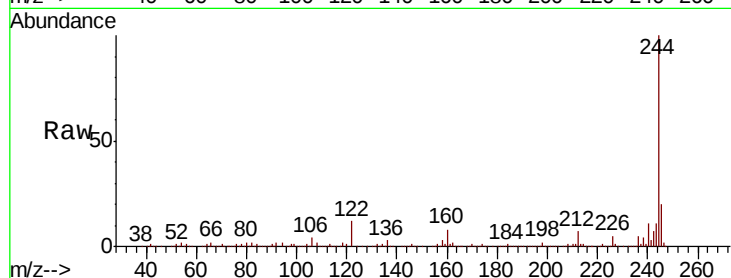
Tot Ion:244 Resp: 1849717

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

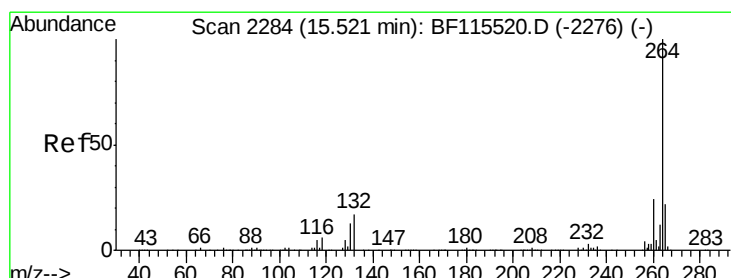
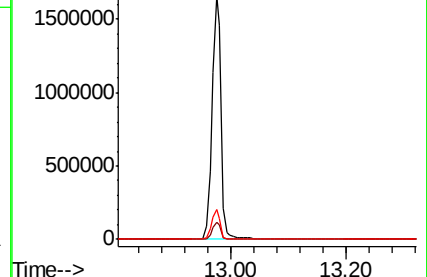
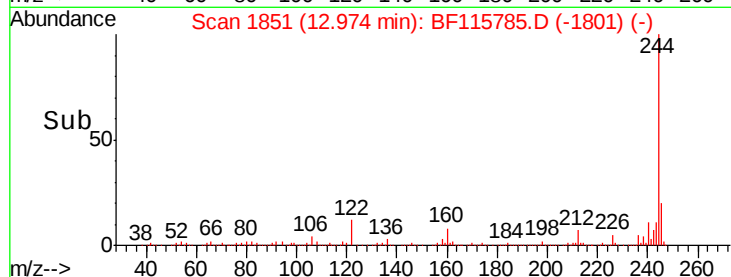
122 12.0 8.2 12.4



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# 2281

Delta R.T. 0.01 min

Lab File: BF115785.D

Acq: 26 Jul 2019 13:43

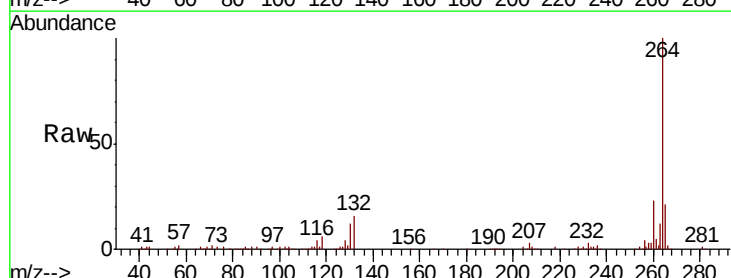
Tgt Ion:264 Resp: 348548

Ion Ratio Lower Upper

264 100

260 23.1 19.8 29.6

265 21.2 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

