

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115702.D
 Acq On : 22 Jul 2019 11:58
 Operator : HP/JU
 Sample : PB121521BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121521BL

Quant Time: Jul 23 01:45:12 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	172438	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	668802	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	362731	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	637900	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	459275	20.00	ng	-0.01
87) Perylene-d12	15.52	264	422773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1251134	118.68	ng	0.01
7) Phenol-d6	6.51	99	1678153	125.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	1060015	92.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	487623	115.17	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1901801	91.77	ng	-0.01
79) Terphenyl-d14	12.99	244	2153726	86.53	ng	0.00

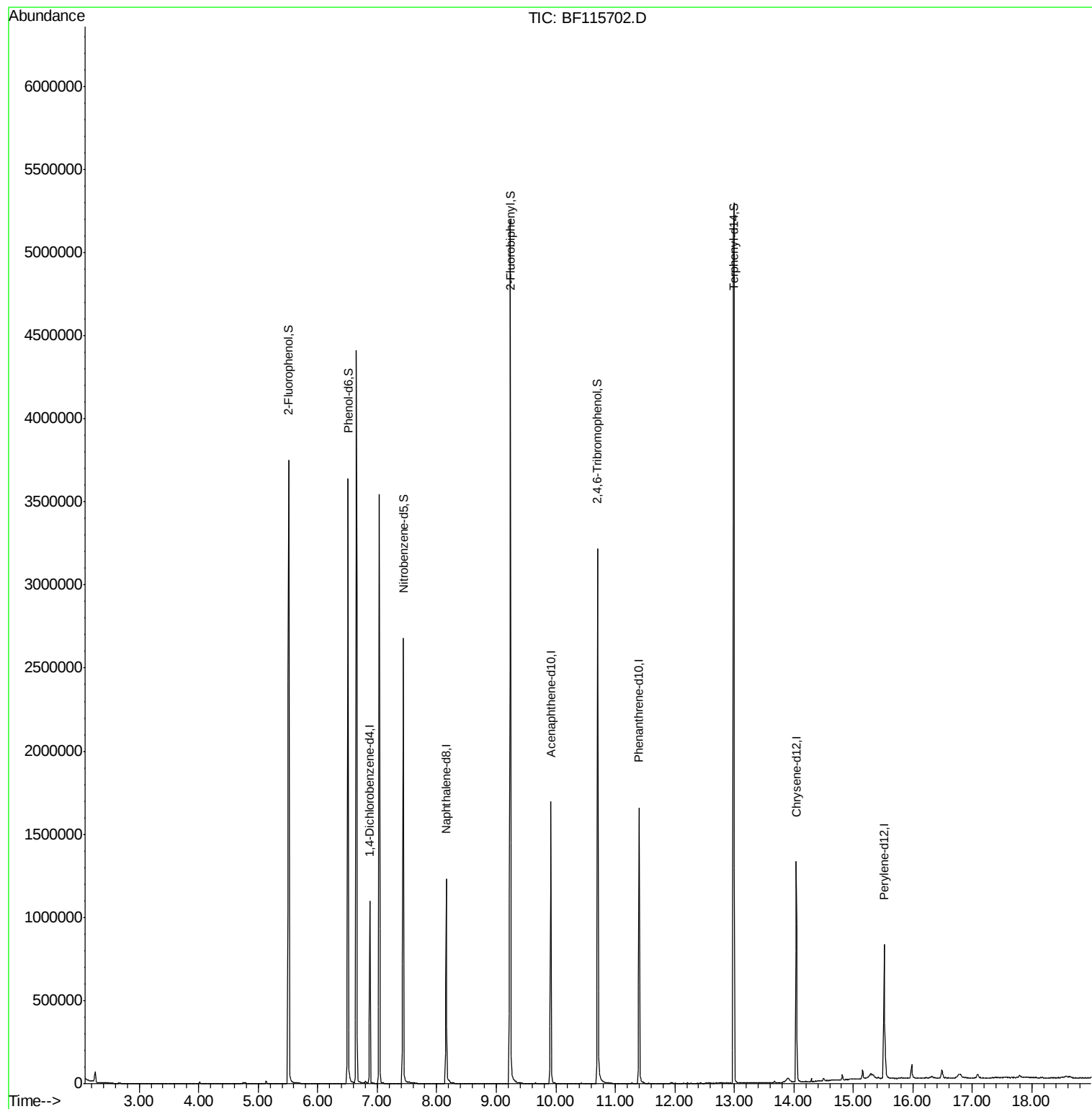
Target Compounds Qvalue

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

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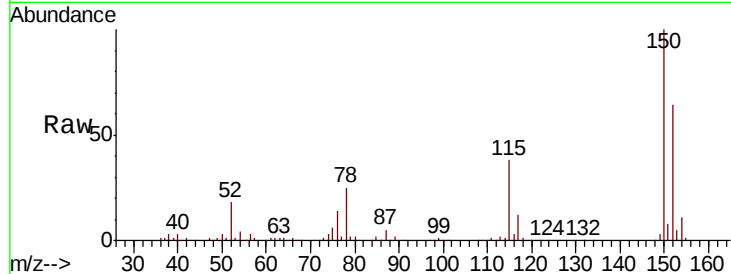


#1

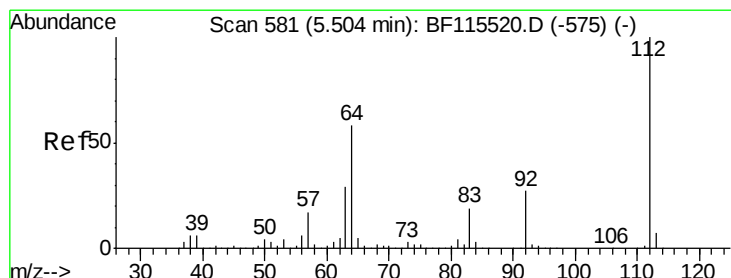
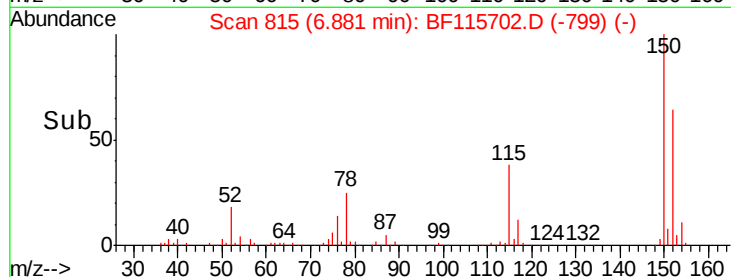
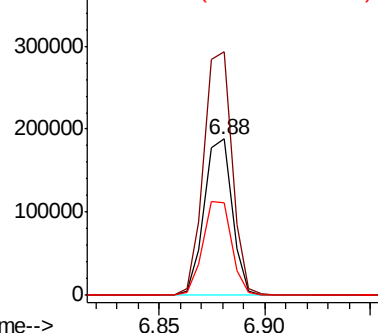
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115702.D
Acq: 22 Jul 2019 11:58

Instrument :
BNA_F
ClientSampleId :
PB121521BL

Tot Ion:152 Resp: 172438
Ion Ratio Lower Upper
152 100
150 156.0 129.7 194.5
115 59.1 48.2 72.4



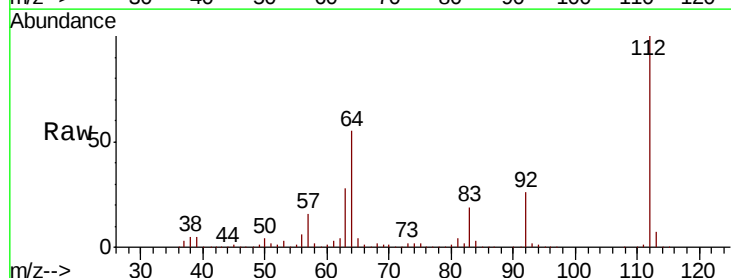
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



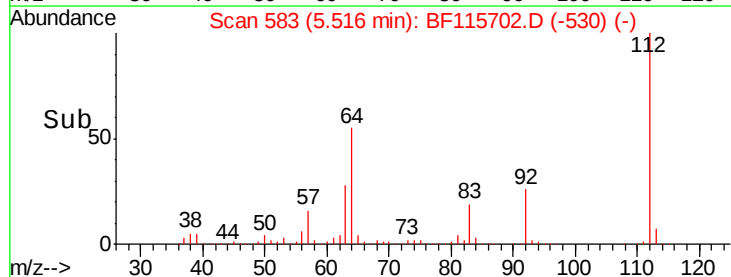
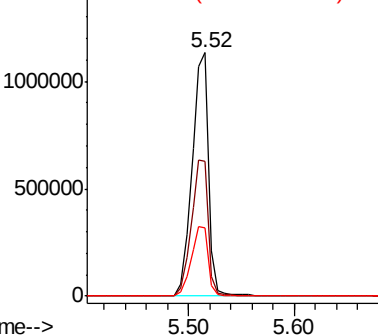
#5

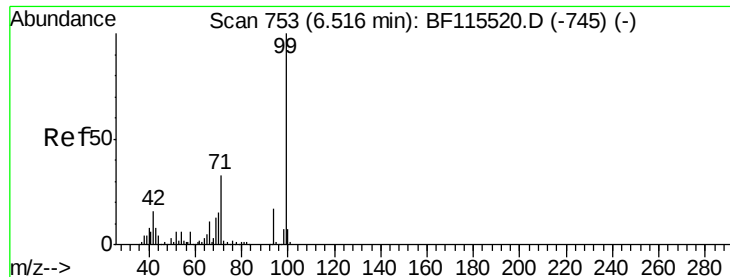
2-Fluorophenol
Concen: 118.680 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115702.D
Acq: 22 Jul 2019 11:58

Tgt Ion:112 Resp: 1251134
Ion Ratio Lower Upper
112 100
64 55.3 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: 125.454 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115702.D

Acq: 22 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

PB121521BL

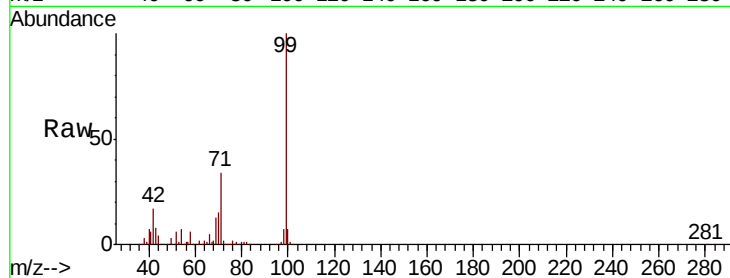
Tot Ion: 99 Resp: 1678153

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

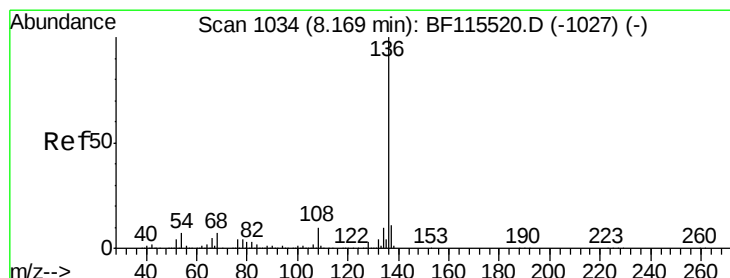
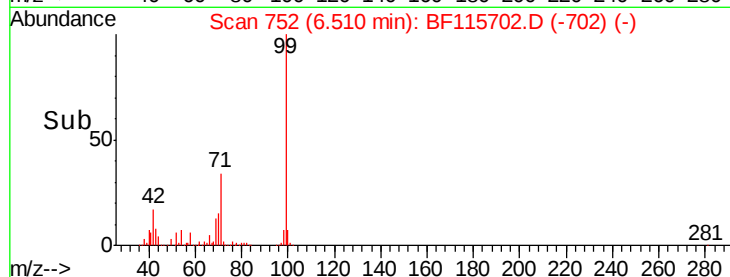
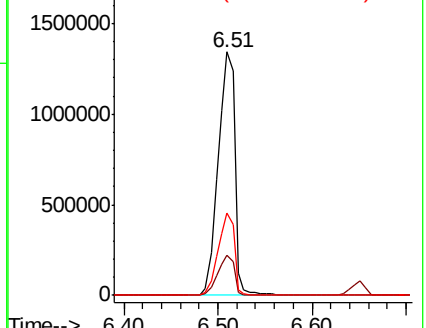
71 34.0 28.5 42.7



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115702.D

Acq: 22 Jul 2019 11:58

Tgt Ion: 136 Resp: 668802

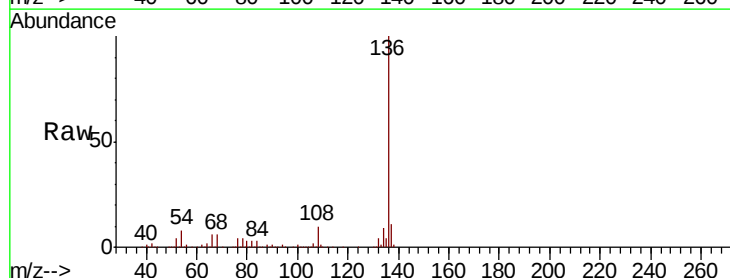
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.6 5.6 8.4

68 6.5 5.0 7.6

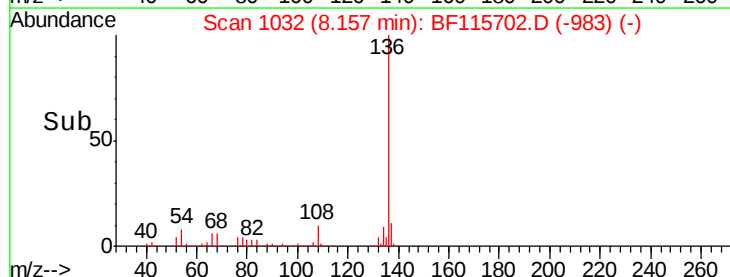
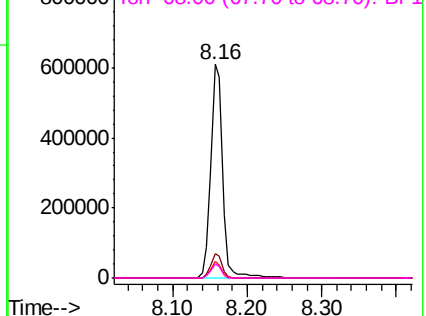


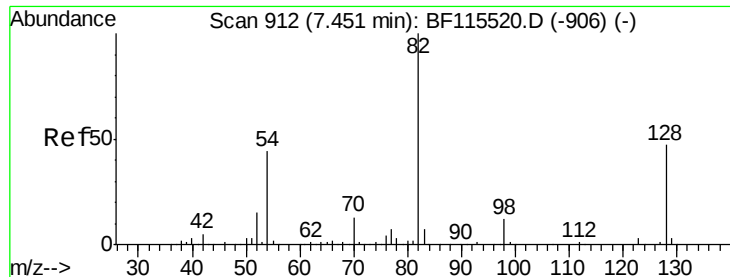
Abundance Ion 136.00 (135.70 to 136.70): E

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

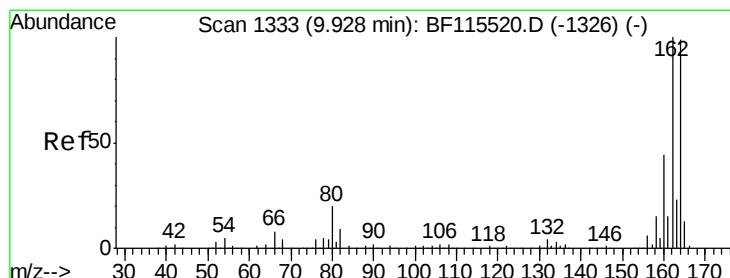
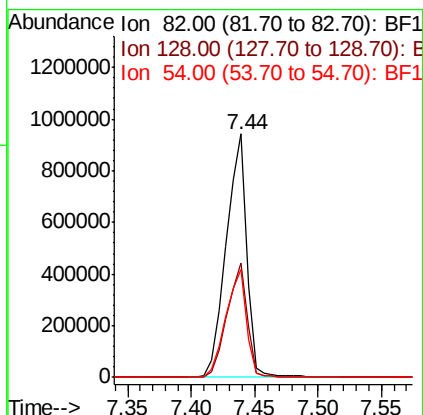
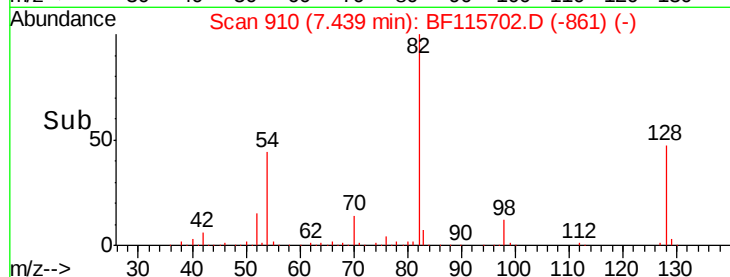
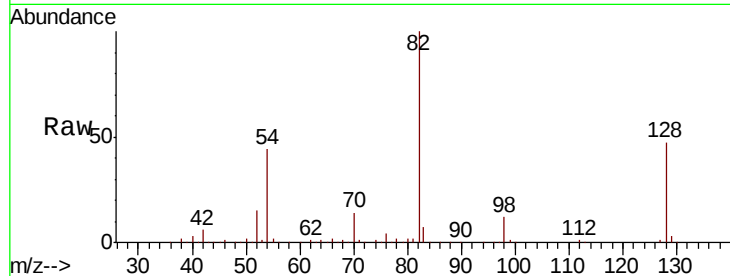




#23
Nitrobenzene-d5
Concen: 92.159 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115702.D
Acq: 22 Jul 2019 11:58

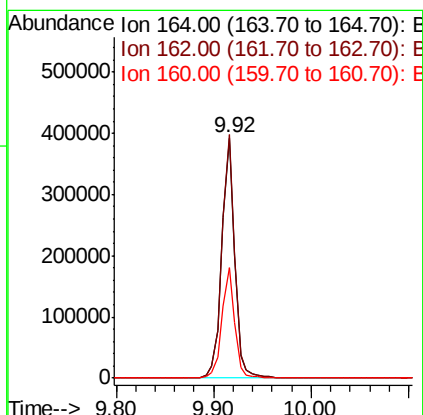
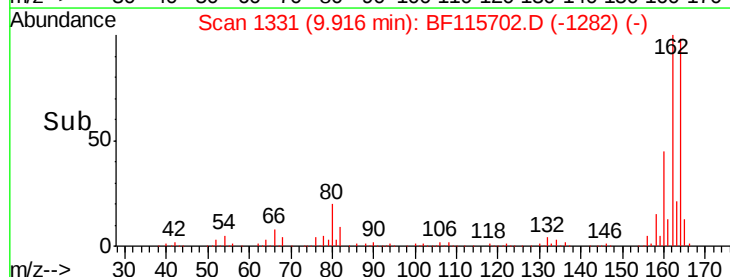
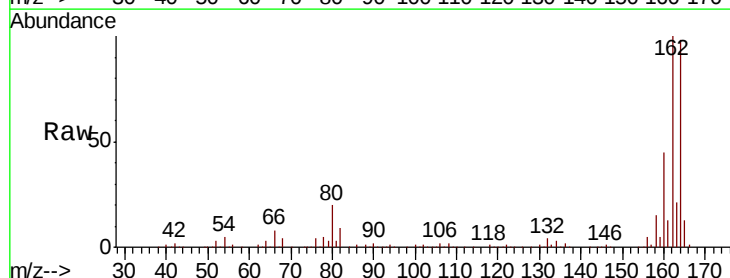
Instrument :
BNA_F
ClientSampleId :
PB121521BL

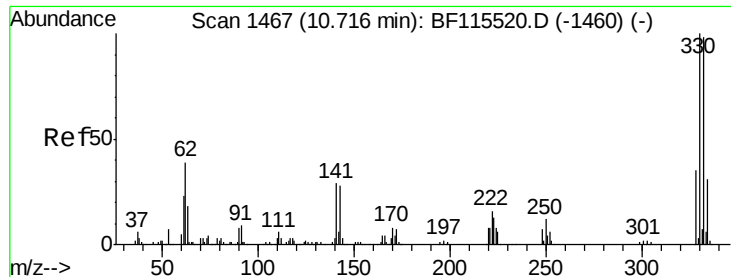
Tot Ion: 82 Resp: 1060015
Ion Ratio Lower Upper
82 100
128 46.8 38.6 57.8
54 44.5 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115702.D
Acq: 22 Jul 2019 11:58

Tgt Ion: 164 Resp: 362731
Ion Ratio Lower Upper
164 100
162 101.6 82.9 124.3
160 46.0 36.8 55.2

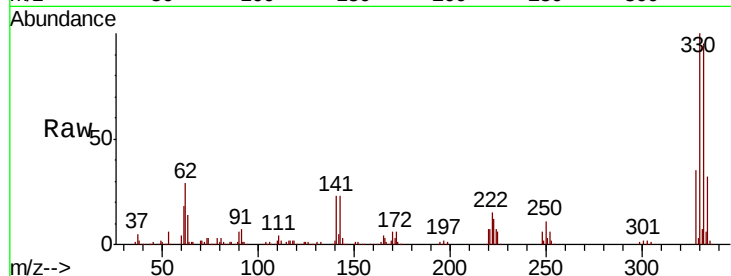




#42
 2,4,6-Tribromophenol
 Concen: 115.170 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115702.D
 Acq: 22 Jul 2019 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB121521BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	31.1	22.4	33.6

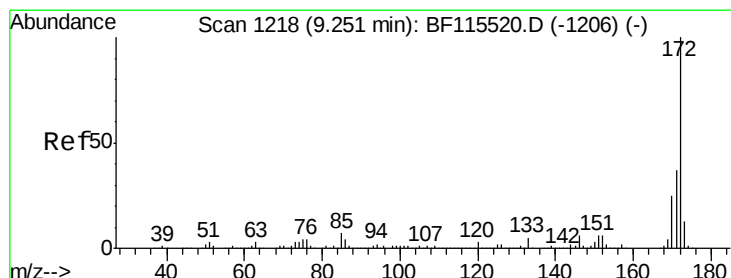
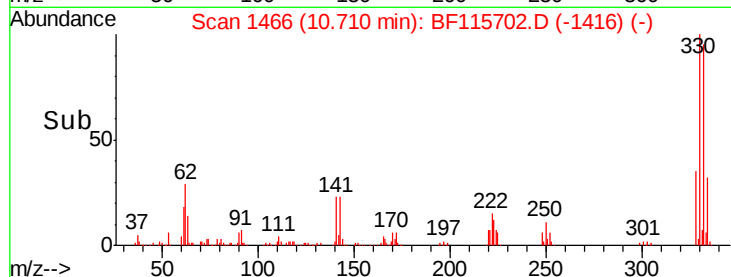
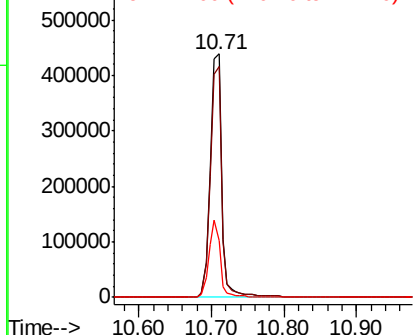


Abundance

Ion 329.80 (329.50 to 330.50): E

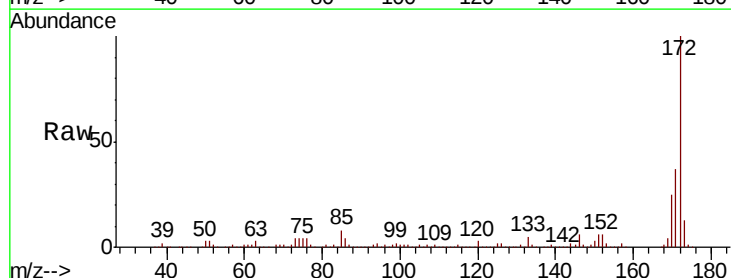
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.767 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115702.D
 Acq: 22 Jul 2019 11:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	25.2	20.5	30.7

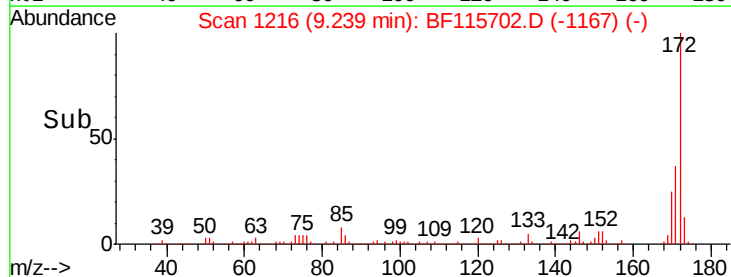
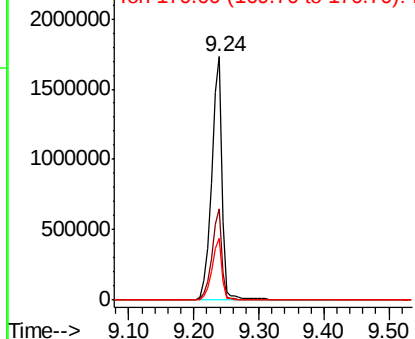


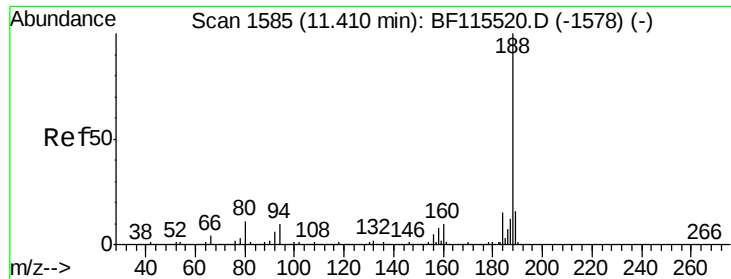
Abundance

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

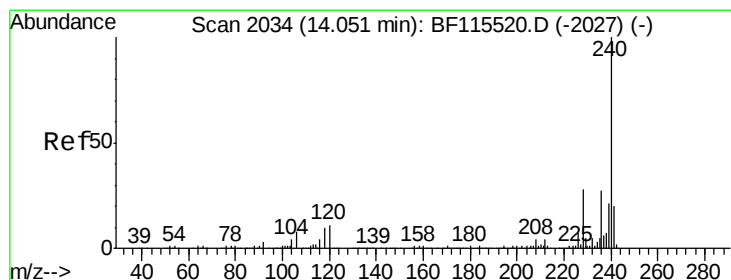
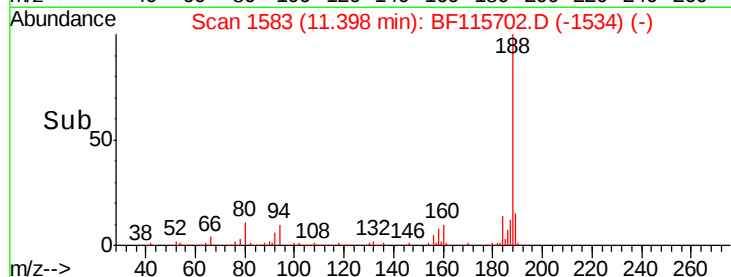
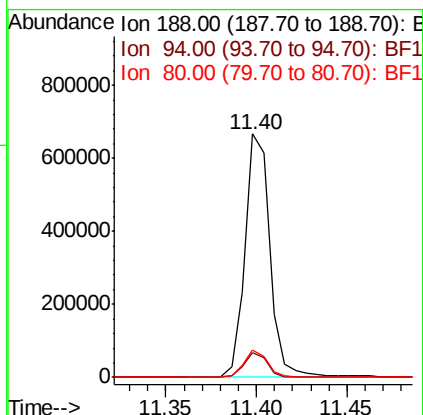
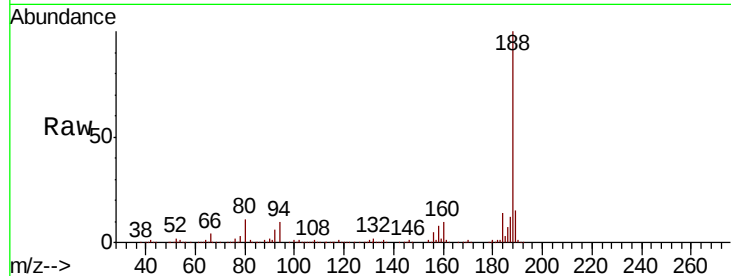




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115702.D
Acq: 22 Jul 2019 11:58

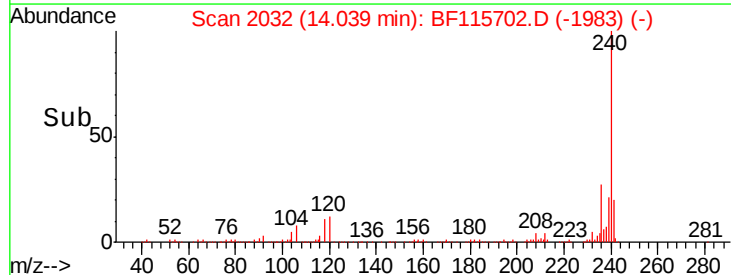
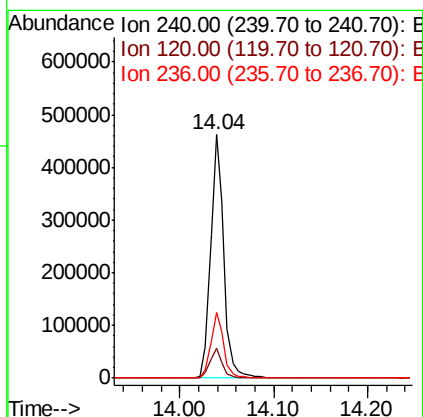
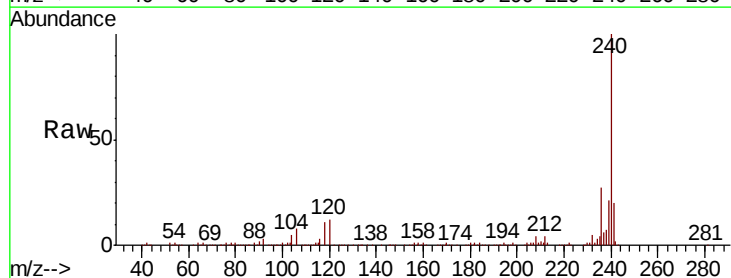
Instrument :
BNA_F
ClientSampleId :
PB121521BL

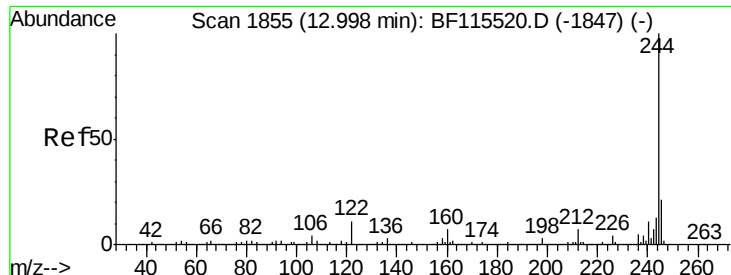
Tot Ion:188 Resp: 637900
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 11.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115702.D
Acq: 22 Jul 2019 11:58

Tgt Ion:240 Resp: 459275
Ion Ratio Lower Upper
240 100
120 12.0 8.6 13.0
236 27.0 21.3 31.9





#79

Terphenyl-d14

Concen: 86.527 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115702.D

Acq: 22 Jul 2019 11:58

Instrument :

BNA_F

ClientSampleId :

PB121521BL

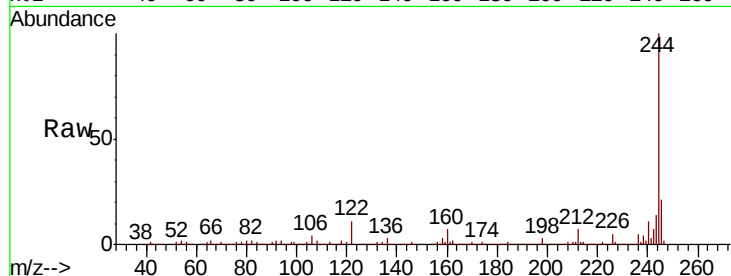
Tot Ion:244 Resp: 2153726

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

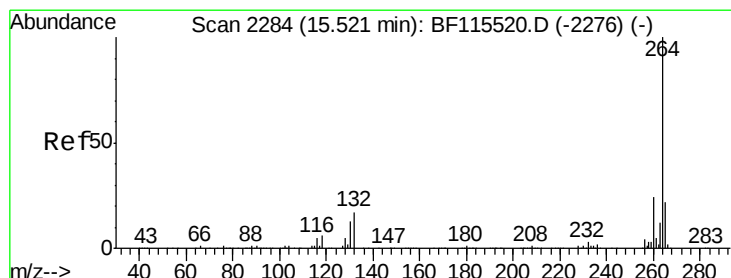
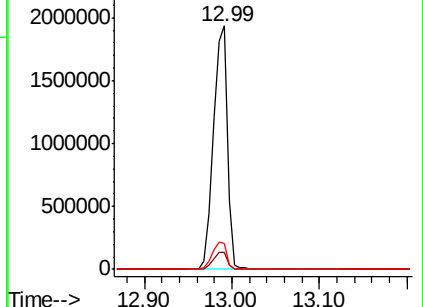
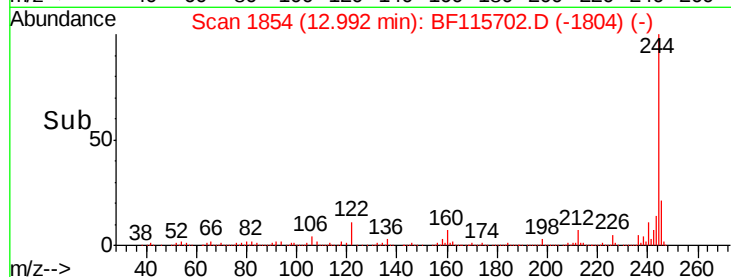
122 10.8 8.6 12.8



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115702.D

Acq: 22 Jul 2019 11:58

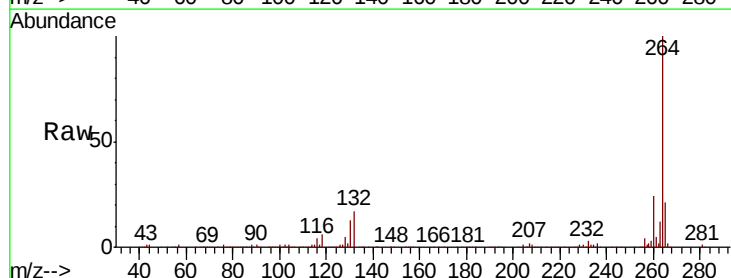
Tgt Ion:264 Resp: 422773

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.8

265 21.4 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

