

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115587.D
 Acq On : 16 Jul 2019 10:26
 Operator : HP/JU
 Sample : PB121365BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121365BL

Quant Time: Jul 16 15:41:09 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	177264	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	705539	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	352251	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	693716	20.00	ng	0.00
76) Chrysene-d12	14.04	240	451419	20.00	ng	-0.01
87) Perylene-d12	15.51	264	386165	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1231994	113.68	ng	0.02
7) Phenol-d6	6.52	99	1608762	116.99	ng	0.00
23) Nitrobenzene-d5	7.44	82	1049109	86.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	497202	120.93	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1972228	98.00	ng	-0.01
79) Terphenyl-d14	12.99	244	2169221	88.67	ng	0.00

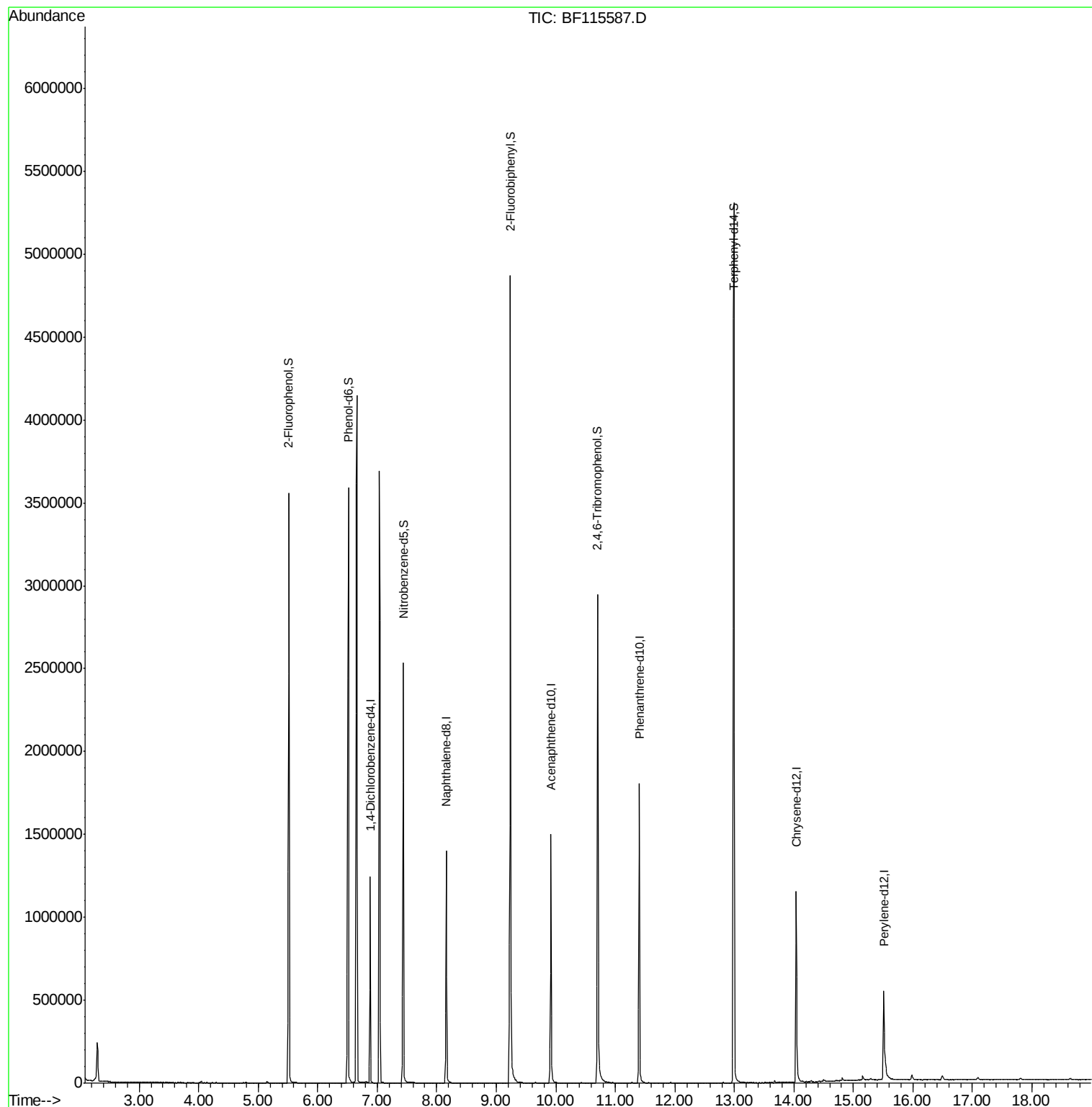
Target Compounds Qvalue

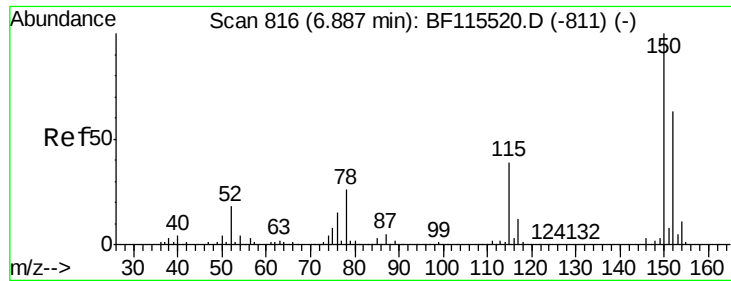
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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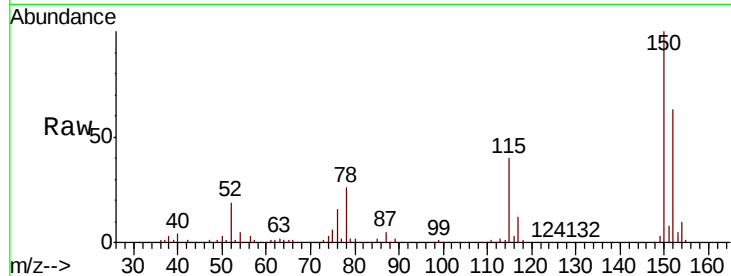


#1

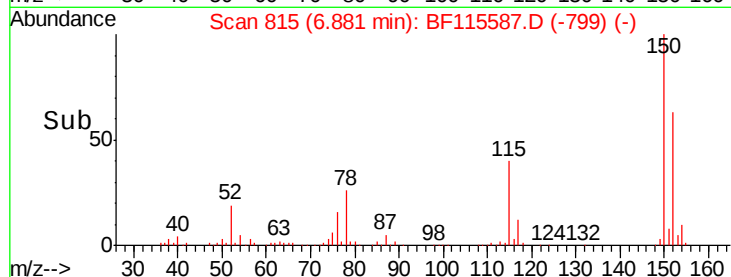
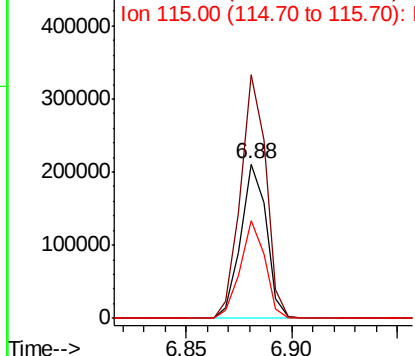
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115587.D
Acq: 16 Jul 2019 10:26

Instrument :
BNA_F
ClientSampleId :
PB121365BL

Tot Ion:152 Resp: 177264
Ion Ratio Lower Upper
152 100
150 157.7 129.7 194.5
115 63.1 48.2 72.4



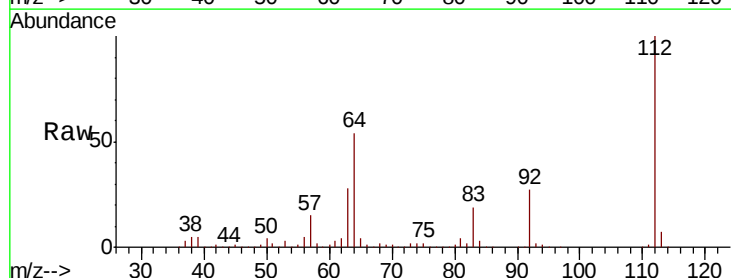
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



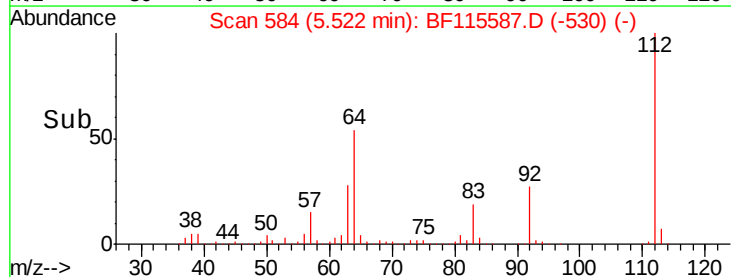
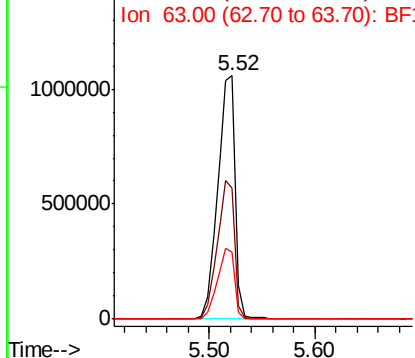
#5

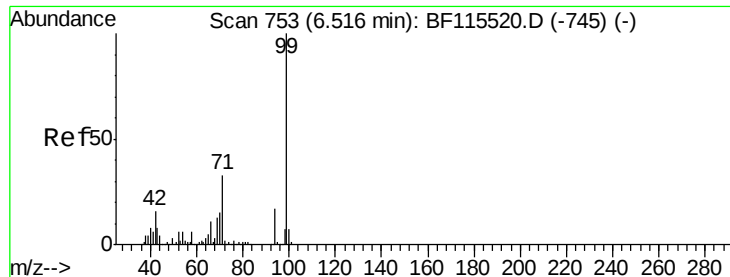
2-Fluorophenol
Concen: 113.683 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115587.D
Acq: 16 Jul 2019 10:26

Tgt Ion:112 Resp: 1231994
Ion Ratio Lower Upper
112 100
64 54.0 46.8 70.2
63 27.5 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: 116.992 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115587.D

Acq: 16 Jul 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB121365BL

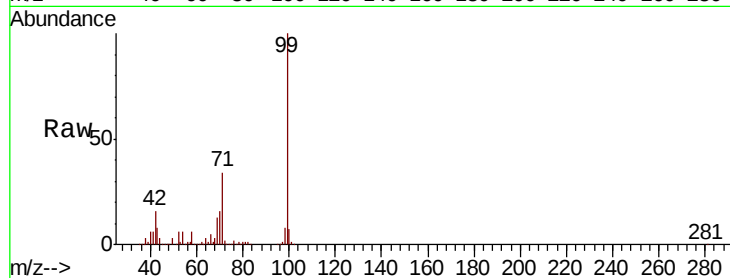
Tot Ion: 99 Resp: 1608762

Ion Ratio Lower Upper

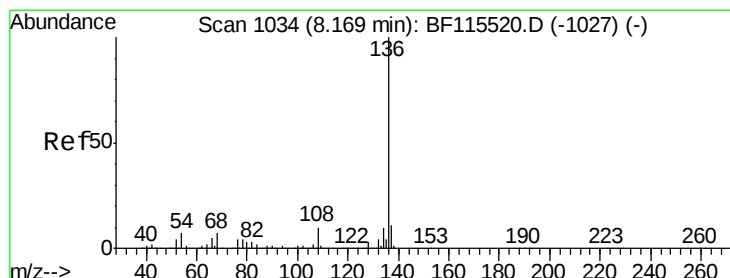
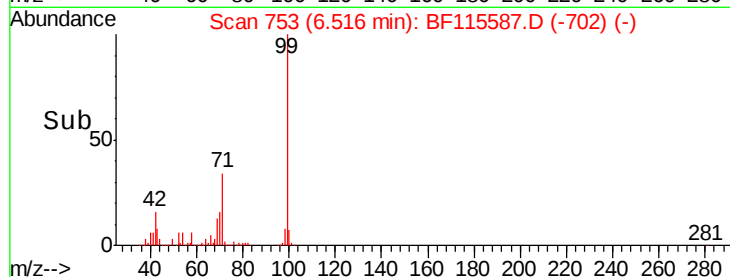
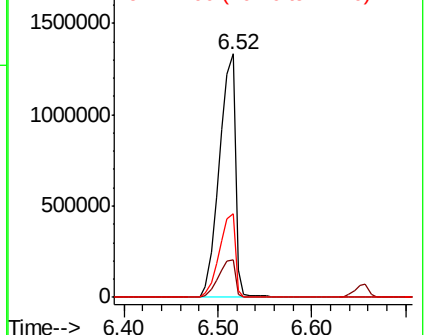
99 100

42 15.5 13.6 20.4

71 34.2 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# 1033

Delta R.T. -0.01 min

Lab File: BF115587.D

Acq: 16 Jul 2019 10:26

Tgt Ion: 136 Resp: 705539

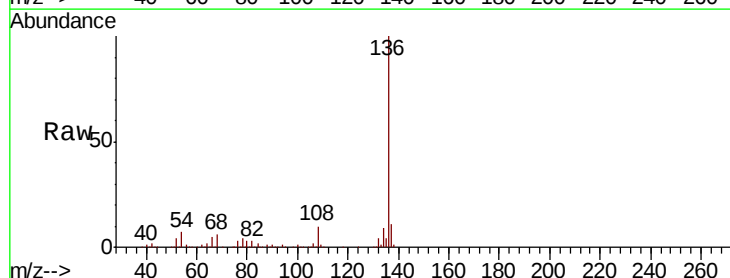
Ion Ratio Lower Upper

136 100

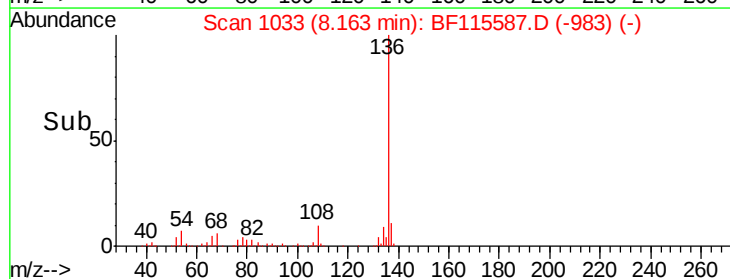
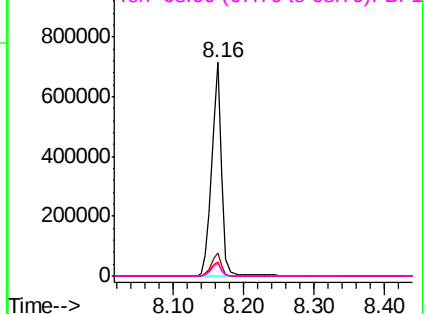
137 11.1 9.0 13.4

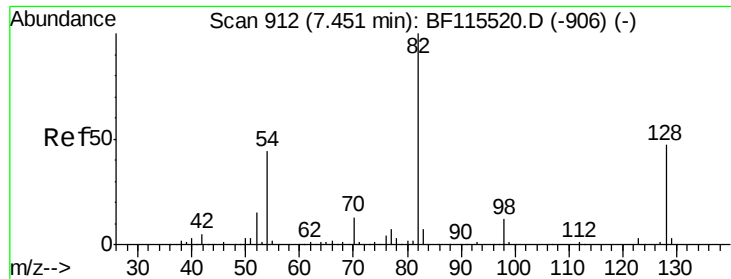
54 6.6 5.6 8.4

68 6.1 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

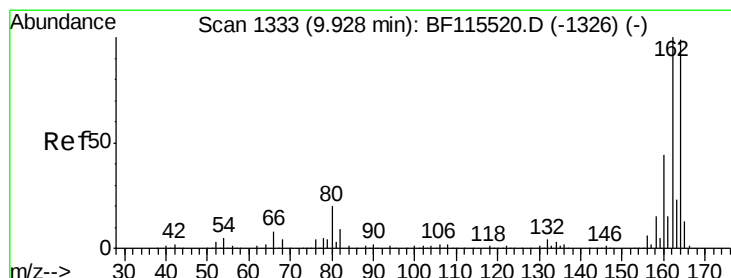
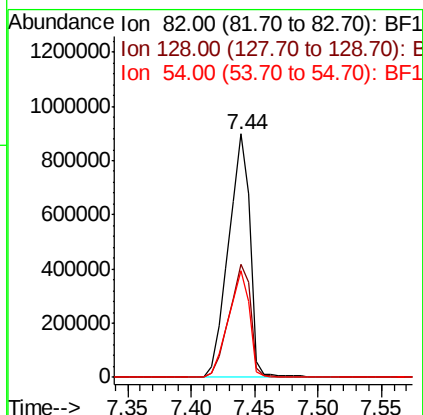
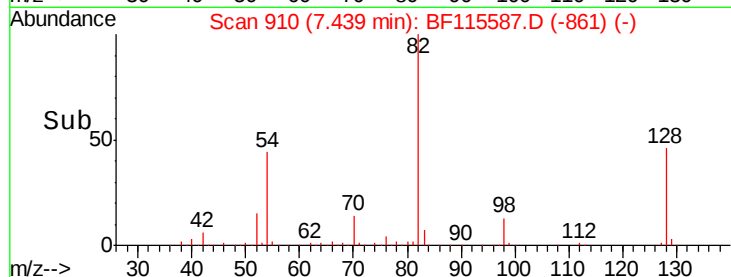
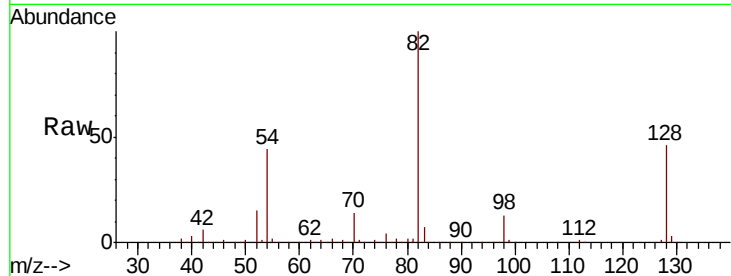




#23
 Nitrobenzene-d5
 Concen: 86.462 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115587.D
 Acq: 16 Jul 2019 10:26

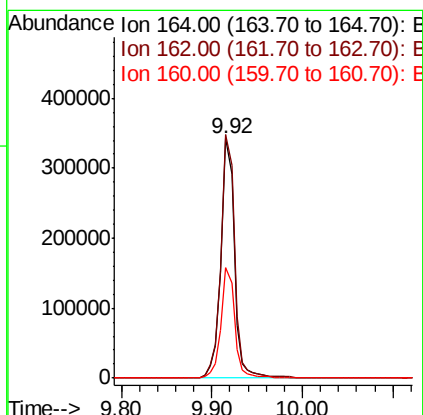
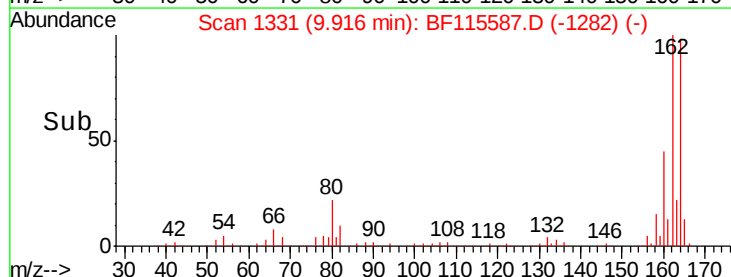
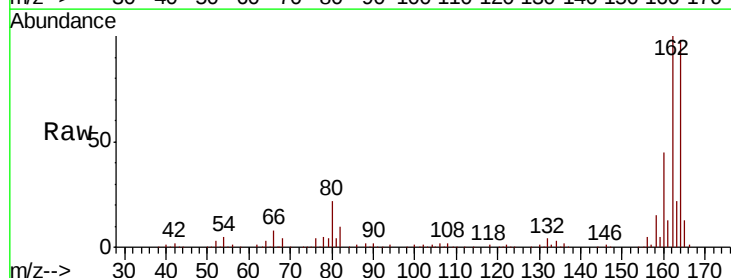
Instrument :
 BNA_F
 ClientSampleId :
 PB121365BL

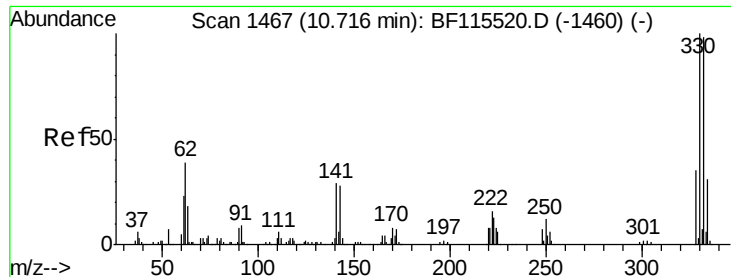
Tot Ion: 82 Resp: 1049109
 Ion Ratio Lower Upper
 82 100
 128 46.4 38.6 57.8
 54 44.0 35.6 53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115587.D
 Acq: 16 Jul 2019 10:26

Tgt Ion:164 Resp: 352251
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.9 124.3
 160 46.1 36.8 55.2

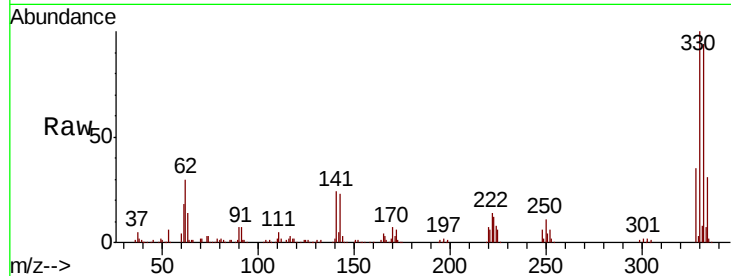




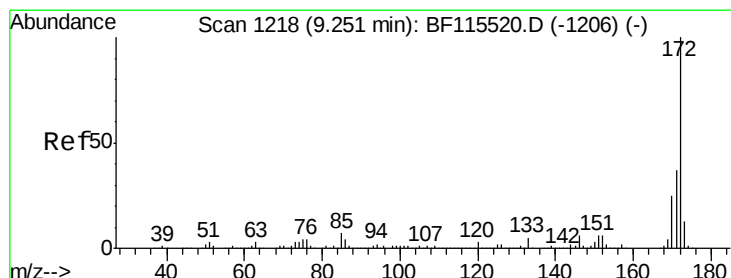
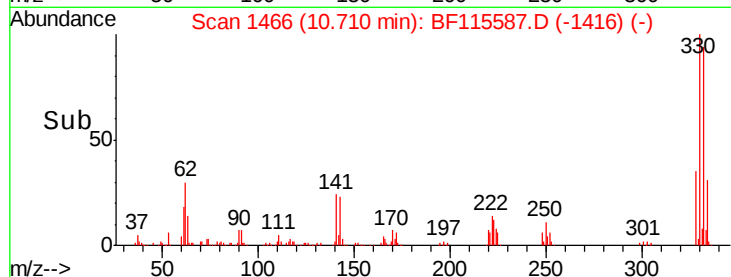
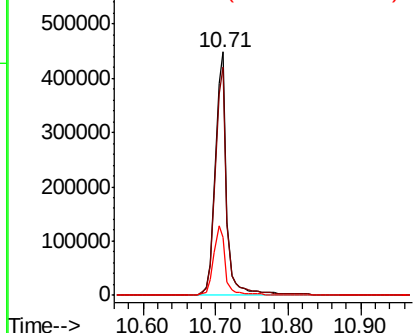
#42
 2,4,6-Tribromophenol
 Concen: 120.926 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115587.D
 Acq: 16 Jul 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB121365BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	30.3	22.4	33.6

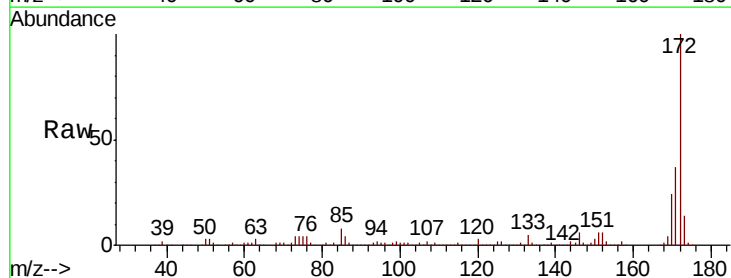


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

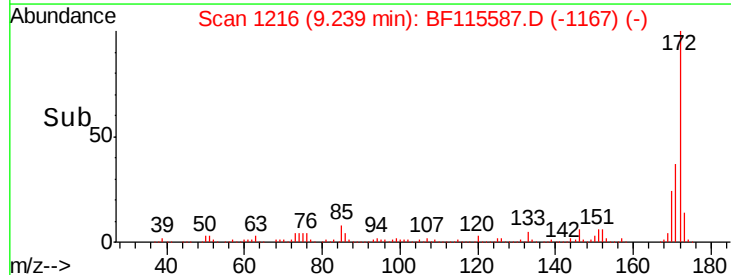
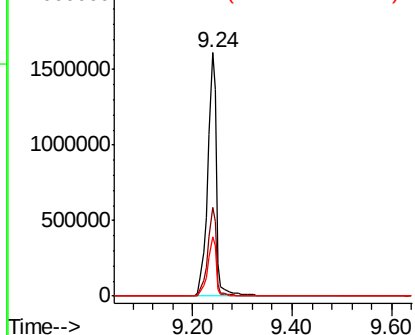


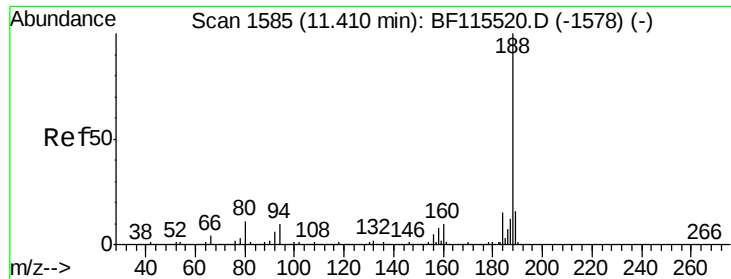
#45
 2-Fluorobiphenyl
 Concen: 97.997 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115587.D
 Acq: 16 Jul 2019 10:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	24.4	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# 1584

Delta R.T. -0.01 min

Lab File: BF115587.D

Acq: 16 Jul 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB121365BL

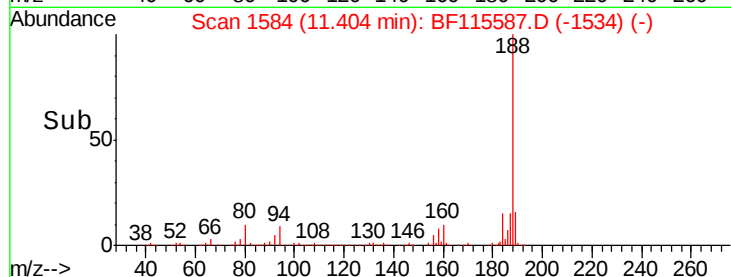
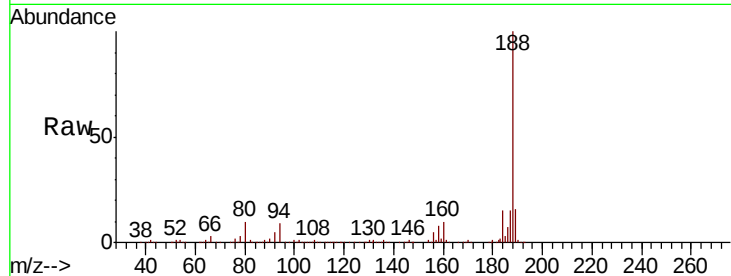
Tot Ion:188 Resp: 693716

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

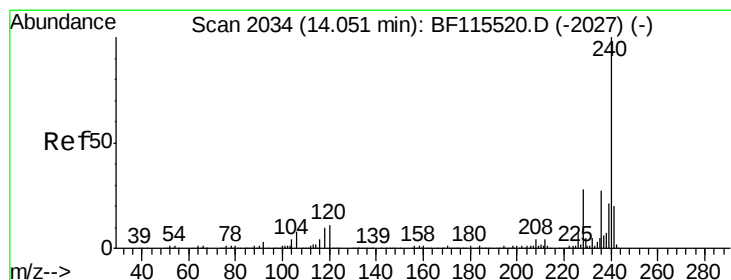
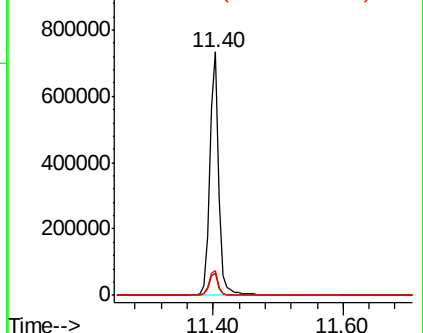
80 10.0 8.6 13.0



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115587.D

Acq: 16 Jul 2019 10:26

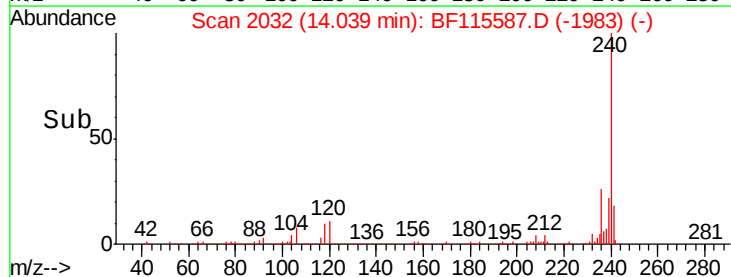
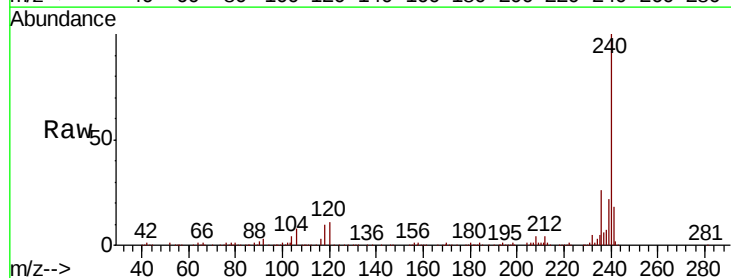
Tgt Ion:240 Resp: 451419

Ion Ratio Lower Upper

240 100

120 11.0 8.6 13.0

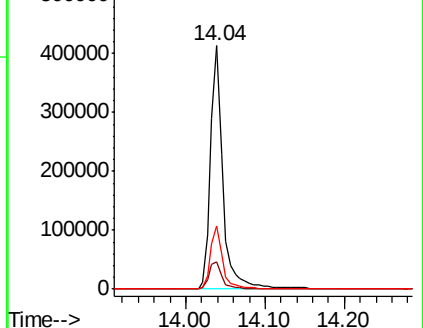
236 26.1 21.3 31.9

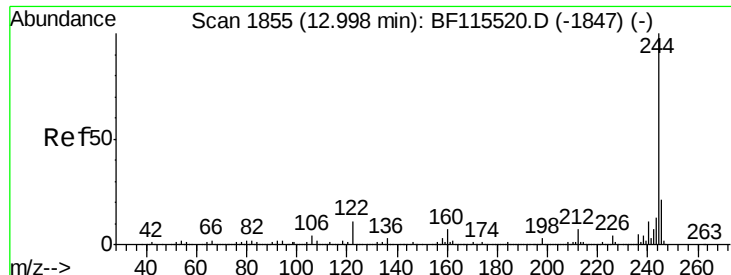


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.667 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115587.D

Acq: 16 Jul 2019 10:26

Instrument :

BNA_F

ClientSampleId :

PB121365BL

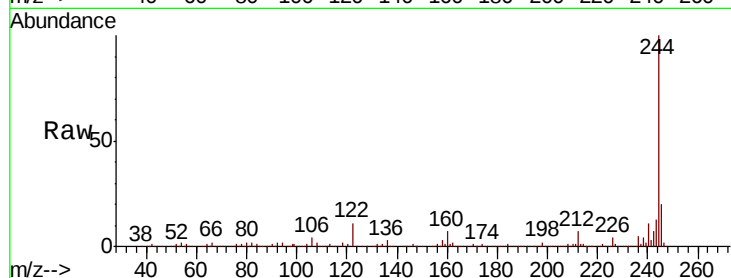
Tot Ion:244 Resp: 2169221

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

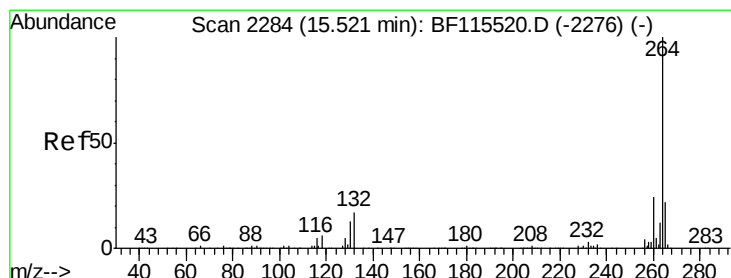
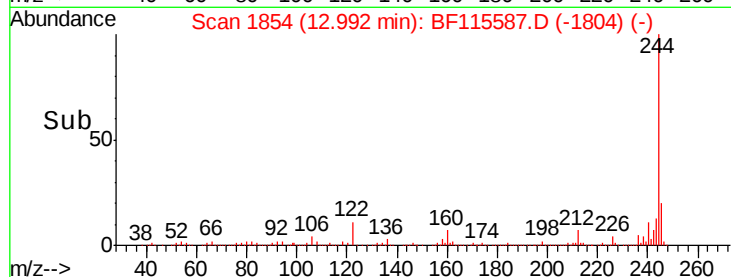
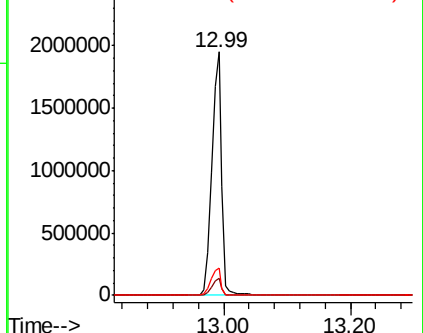
122 11.1 8.6 12.8



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115587.D

Acq: 16 Jul 2019 10:26

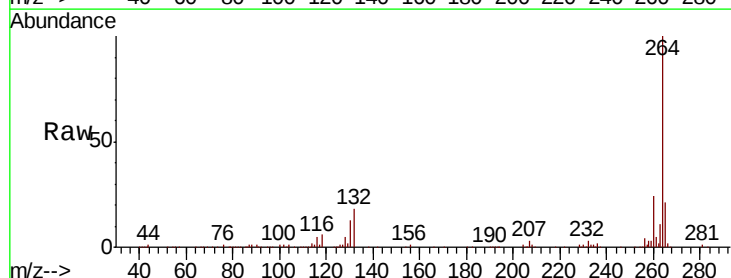
Tgt Ion:264 Resp: 386165

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.8

265 21.2 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

