

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115667.D
 Acq On : 19 Jul 2019 10:43
 Operator : HP/JU
 Sample : PB121516BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121516BL

Quant Time: Jul 19 14:15:17 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	182560	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	727195	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	374576	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	723731	20.00	ng	0.00
76) Chrysene-d12	14.04	240	499028	20.00	ng	0.00
87) Perylene-d12	15.53	264	467763	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	952073	85.30	ng	0.00
7) Phenol-d6	6.50	99	1206673	85.21	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1111532	88.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	369262	84.46	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1955538	91.38	ng	-0.01
79) Terphenyl-d14	12.99	244	2037144	75.32	ng	0.00

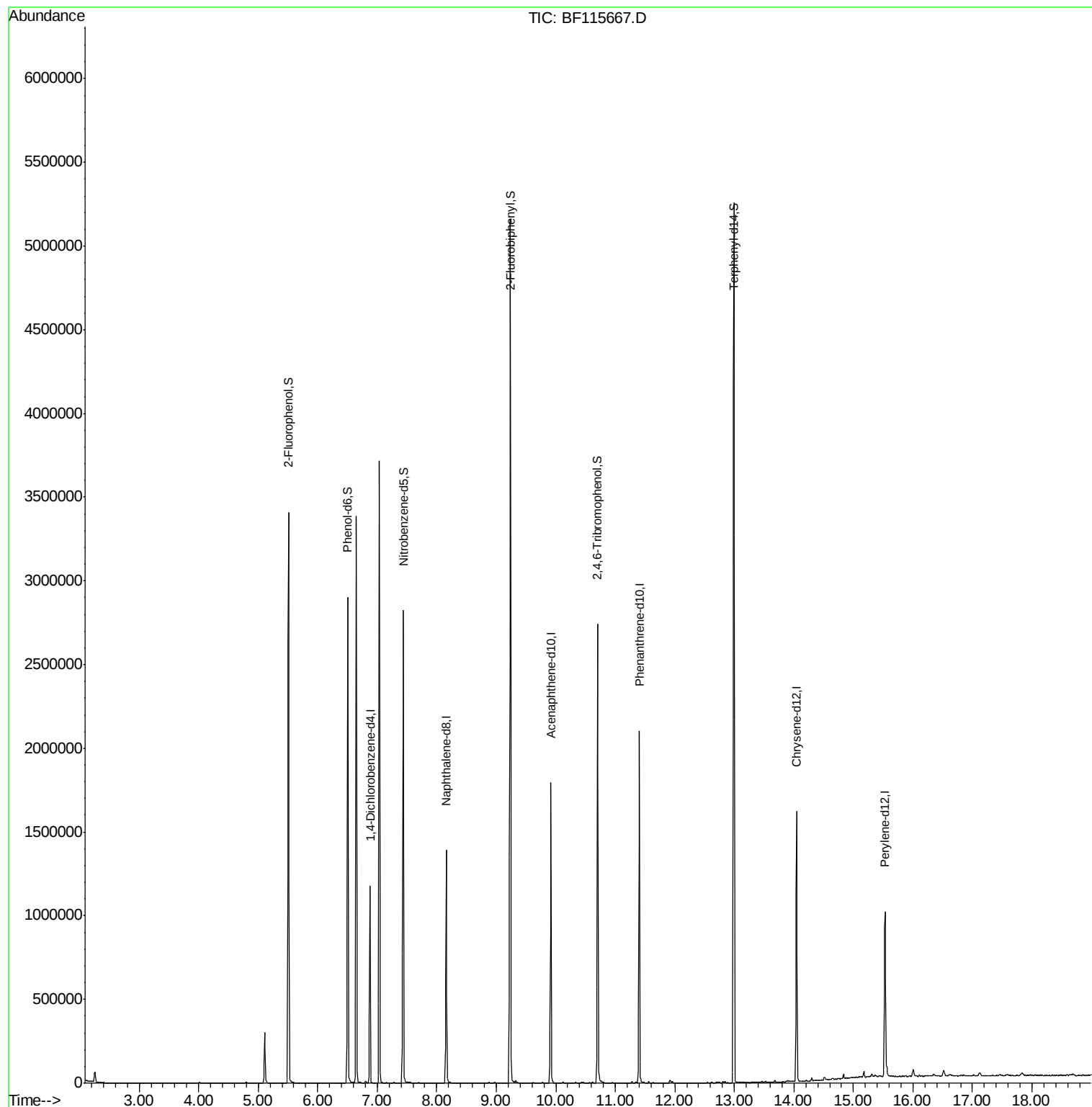
Target Compounds Qvalue

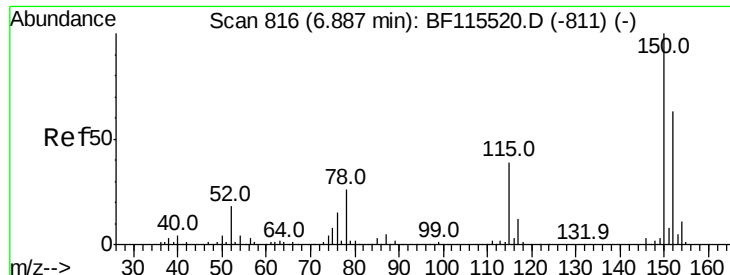
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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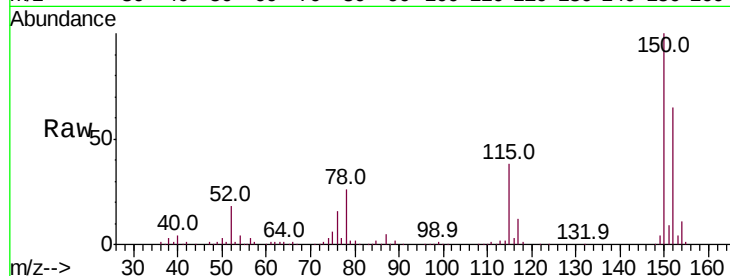


#1

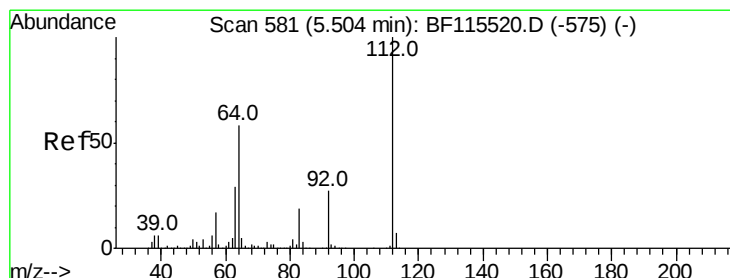
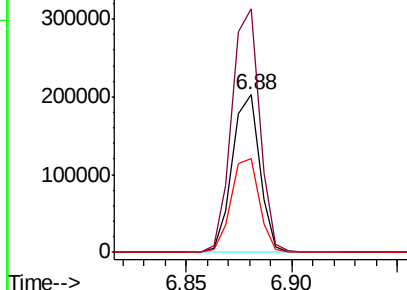
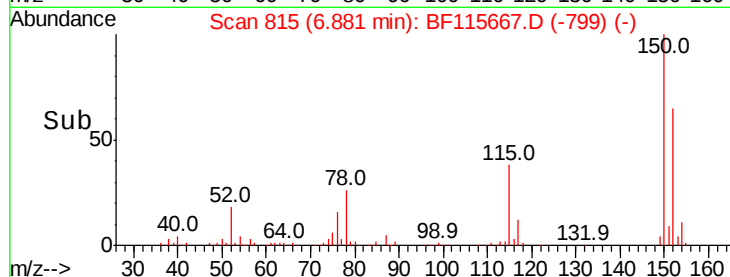
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115667.D
Acq: 19 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :
PB121516BL

Tot Ion:152 Resp: 182560
Ion Ratio Lower Upper
152 100
150 154.8 129.7 194.5
115 59.4 48.2 72.4



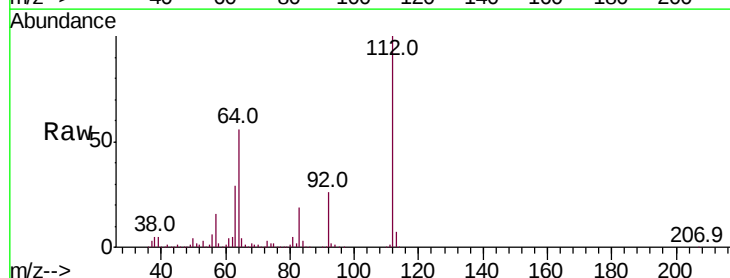
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



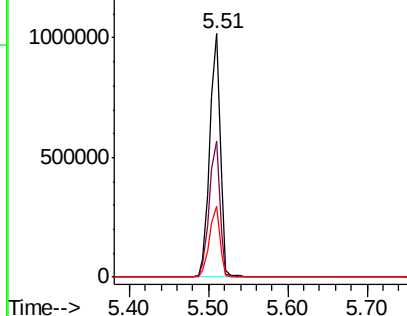
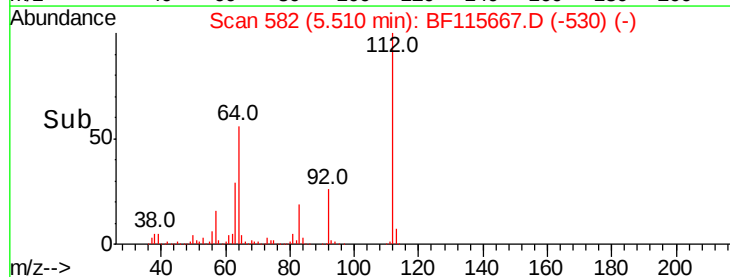
#5

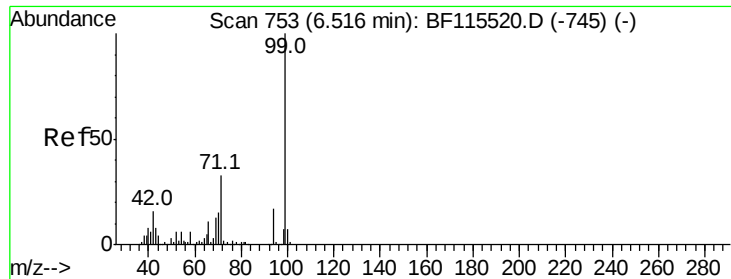
2-Fluorophenol
Concen: 85.304 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115667.D
Acq: 19 Jul 2019 10:43

Tgt Ion:112 Resp: 952073
Ion Ratio Lower Upper
112 100
64 56.1 46.8 70.2
63 28.8 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: 85.206 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115667.D

Acq: 19 Jul 2019 10:43

Instrument :

BNA_F

ClientSampled :

PB121516BL

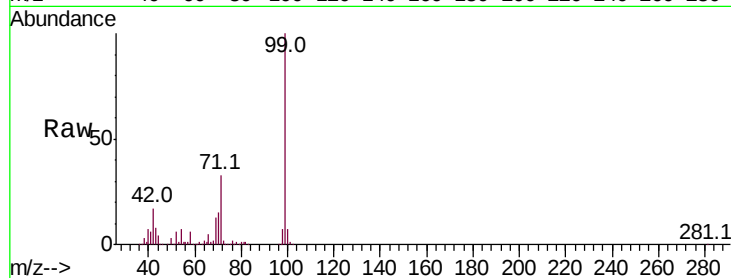
Tot Ion: 99 Resp: 1206673

Ion Ratio Lower Upper

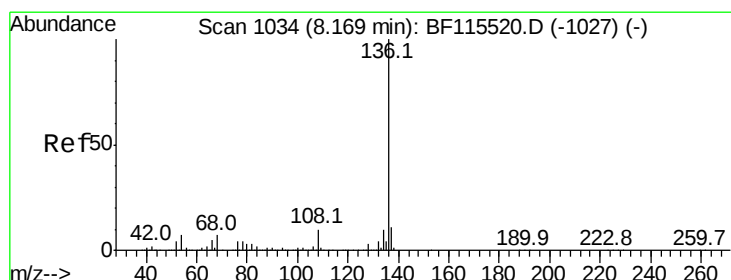
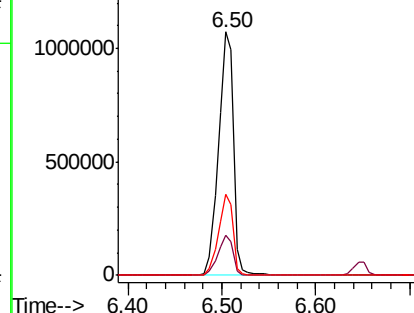
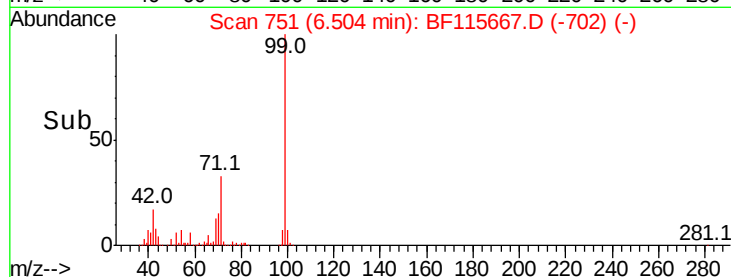
99 100

42 16.7 13.6 20.4

71 33.4 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: BF115667.D

Acq: 19 Jul 2019 10:43

Tgt Ion: 136 Resp: 727195

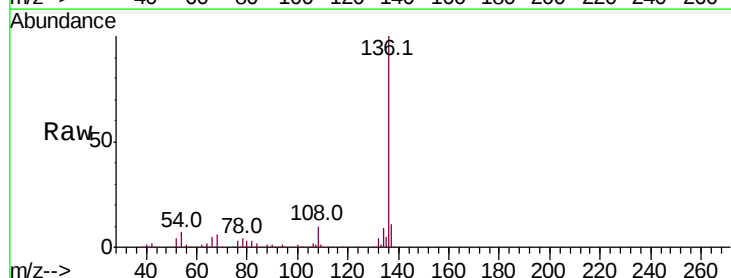
Ion Ratio Lower Upper

136 100

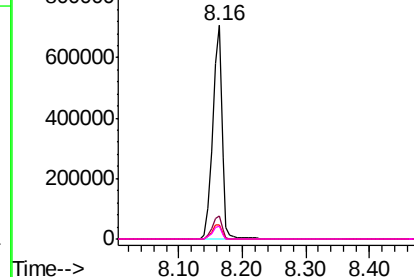
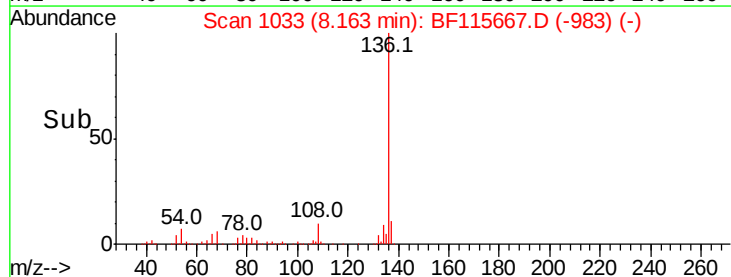
137 11.0 9.0 13.4

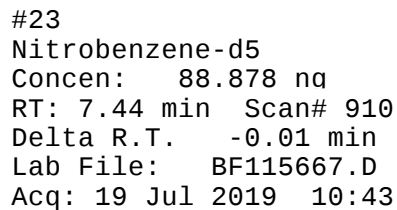
54 6.5 5.6 8.4

68 5.8 5.0 7.6



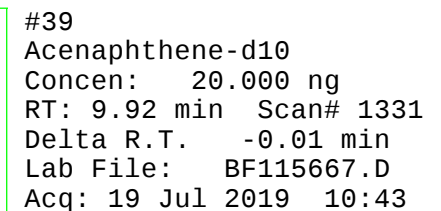
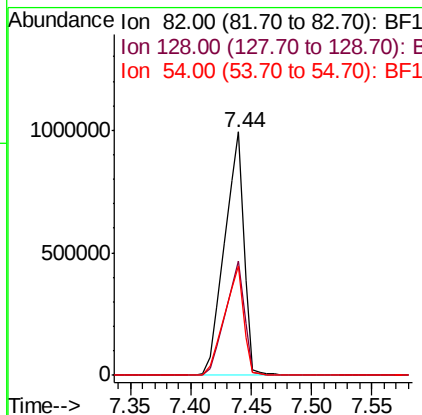
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



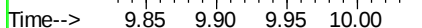
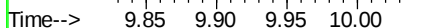
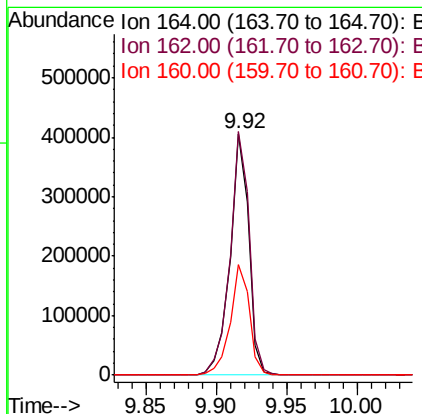


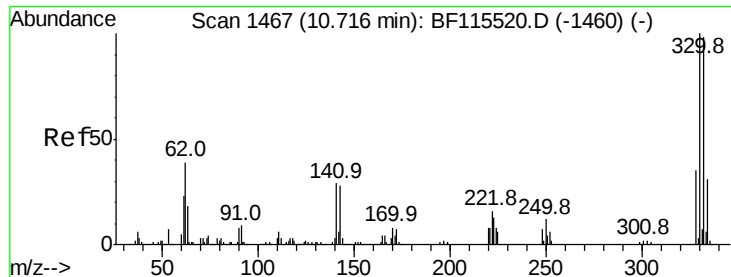
Instrument :
BNA_F
ClientSampleId :
PB121516BL

Tot	Ion: 82	Resp: 1111532	
Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.6	57.8
54	44.6	35.6	53.4



Tgt	Ion:164	Resp:	374576
Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.9	124.3
160	46.0	36.8	55.2

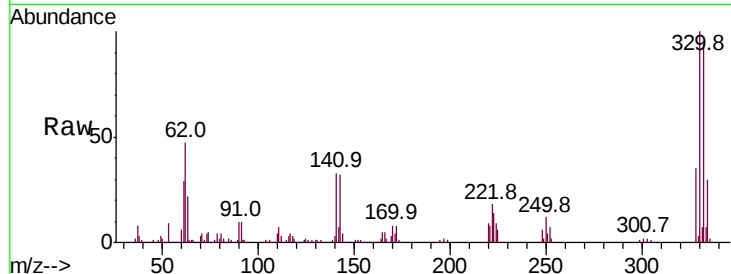




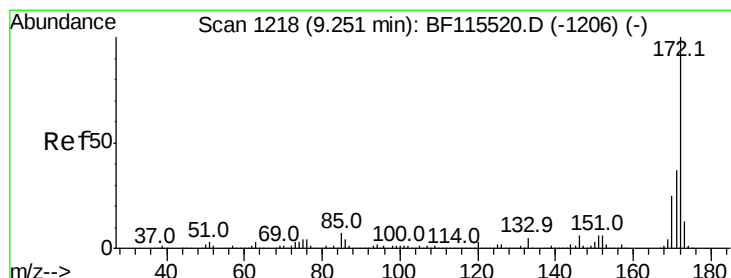
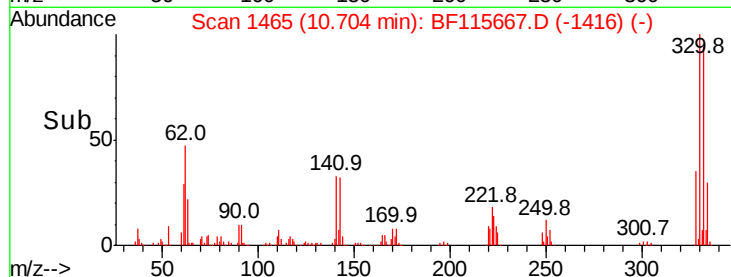
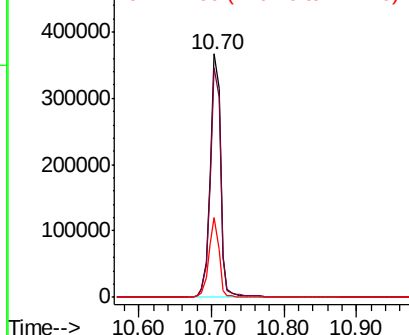
#42
 2,4,6-Tribromophenol
 Concen: 84.457 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115667.D
 Acq: 19 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampleID :
 PB121516BL

Tot Ion:330 Resp: 369262
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 32.1 22.4 33.6

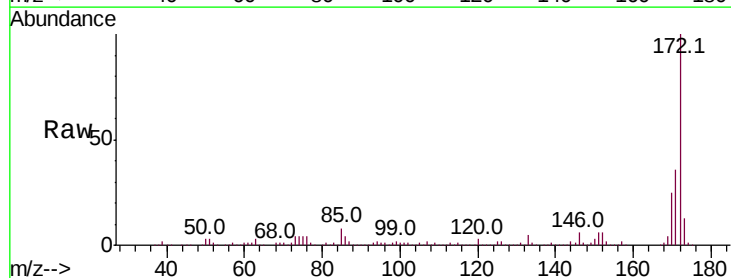


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

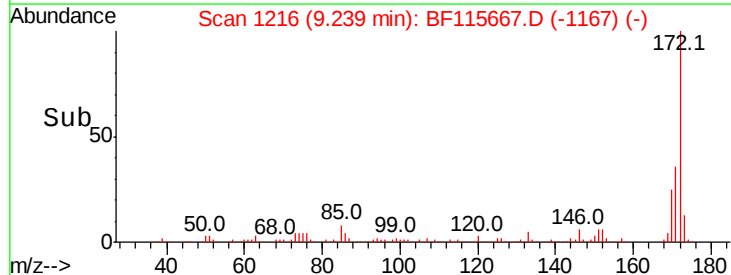
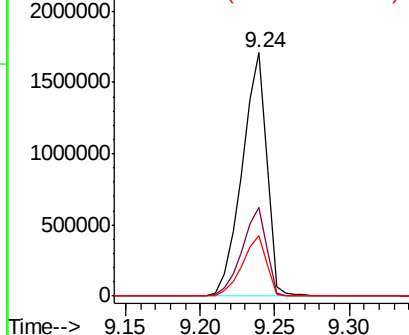


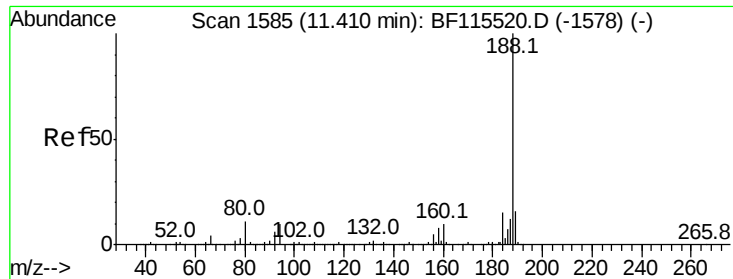
#45
 2-Fluorobiphenyl
 Concen: 91.377 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115667.D
 Acq: 19 Jul 2019 10:43

Tgt Ion:172 Resp: 1955538
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.6 46.0
 170 24.9 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

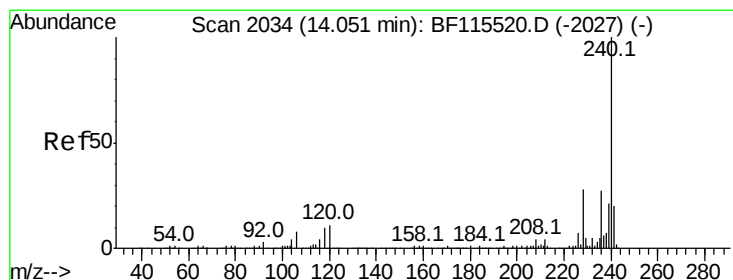
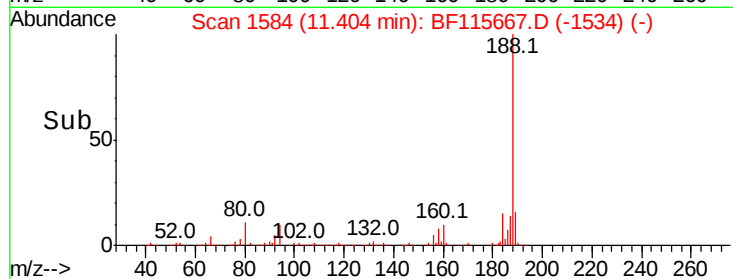
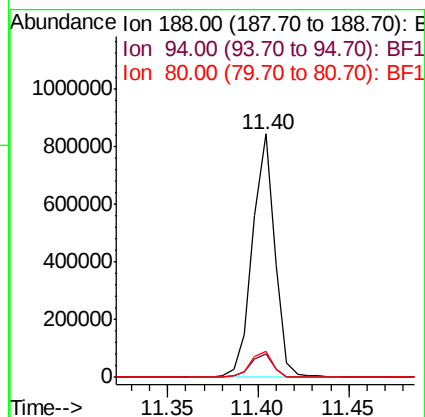
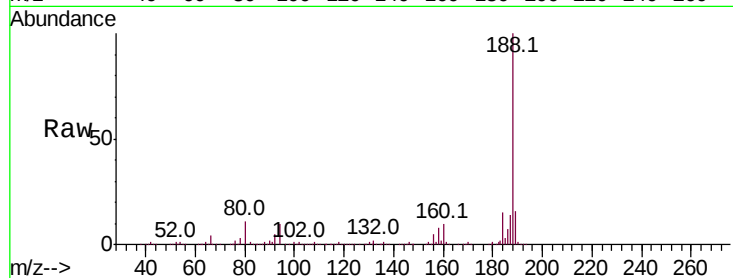




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115667.D
Acq: 19 Jul 2019 10:43

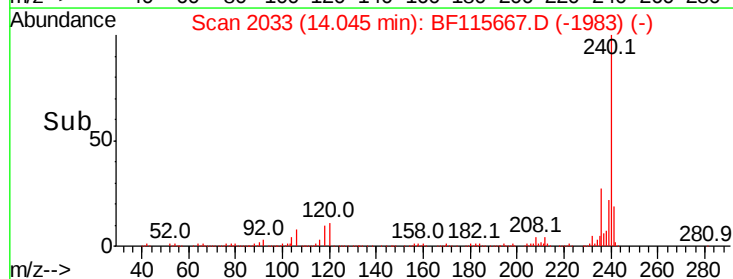
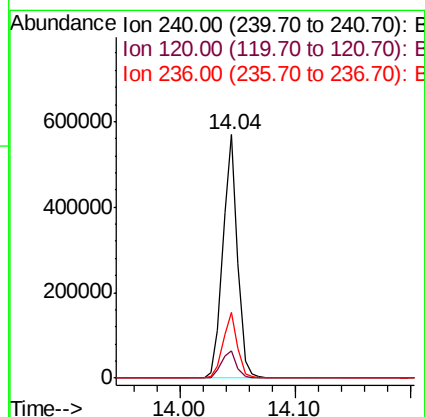
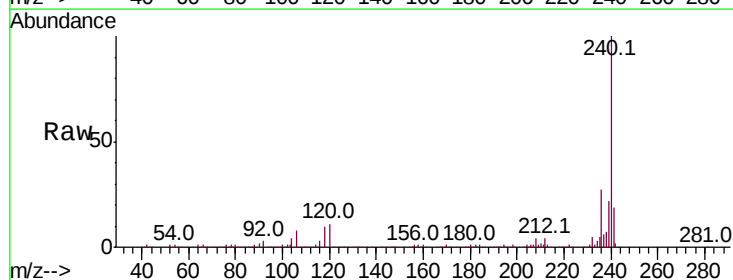
Instrument :
BNA_F
ClientSampleId :
PB121516BL

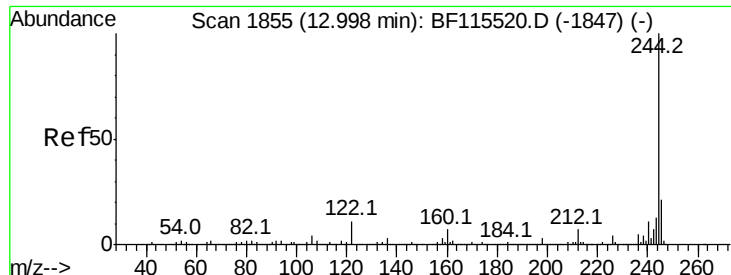
Tot Ion:188 Resp: 723731
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.7 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115667.D
Acq: 19 Jul 2019 10:43

Tgt Ion:240 Resp: 499028
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 27.0 21.3 31.9





#79

Terphenyl-d14

Concen: 75.324 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115667.D

Acq: 19 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

PB121516BL

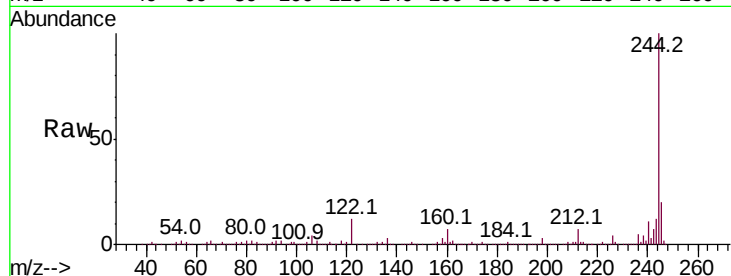
Tot Ion:244 Resp: 2037144

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

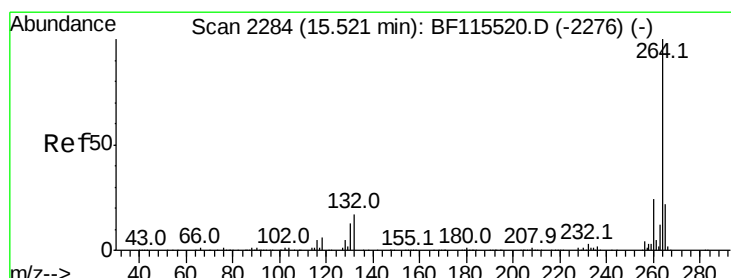
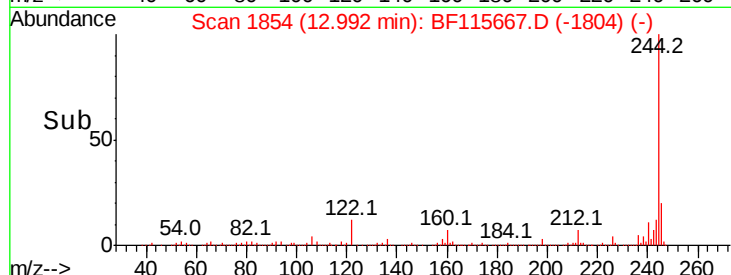
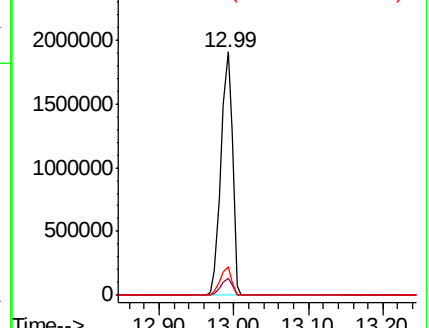
122 11.6 8.6 12.8



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: 15.53 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF115667.D

Acq: 19 Jul 2019 10:43

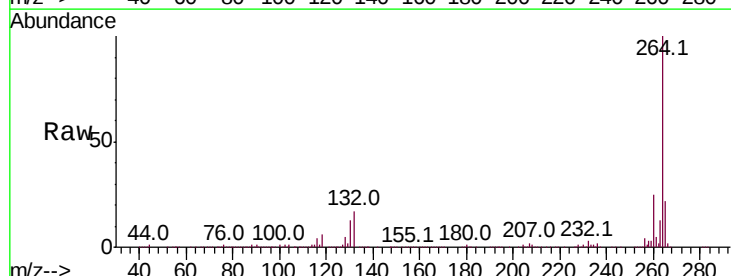
Tgt Ion:264 Resp: 467763

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

265 22.0 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

