

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115589.D
 Acq On : 16 Jul 2019 11:19
 Operator : HP/JU
 Sample : PB121214BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BL

Quant Time: Jul 16 16:56:21 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	200950	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	762646	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	338296	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	662528	20.00	ng	0.00
76) Chrysene-d12	14.04	240	432734	20.00	ng	-0.01
87) Perylene-d12	15.50	264	355873	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1410278	114.80	ng	0.01
7) Phenol-d6	6.51	99	1839597	118.01	ng	0.00
23) Nitrobenzene-d5	7.44	82	1197511	91.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	474023	120.04	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1890629	97.82	ng	-0.01
79) Terphenyl-d14	12.99	244	2040147	86.99	ng	0.00

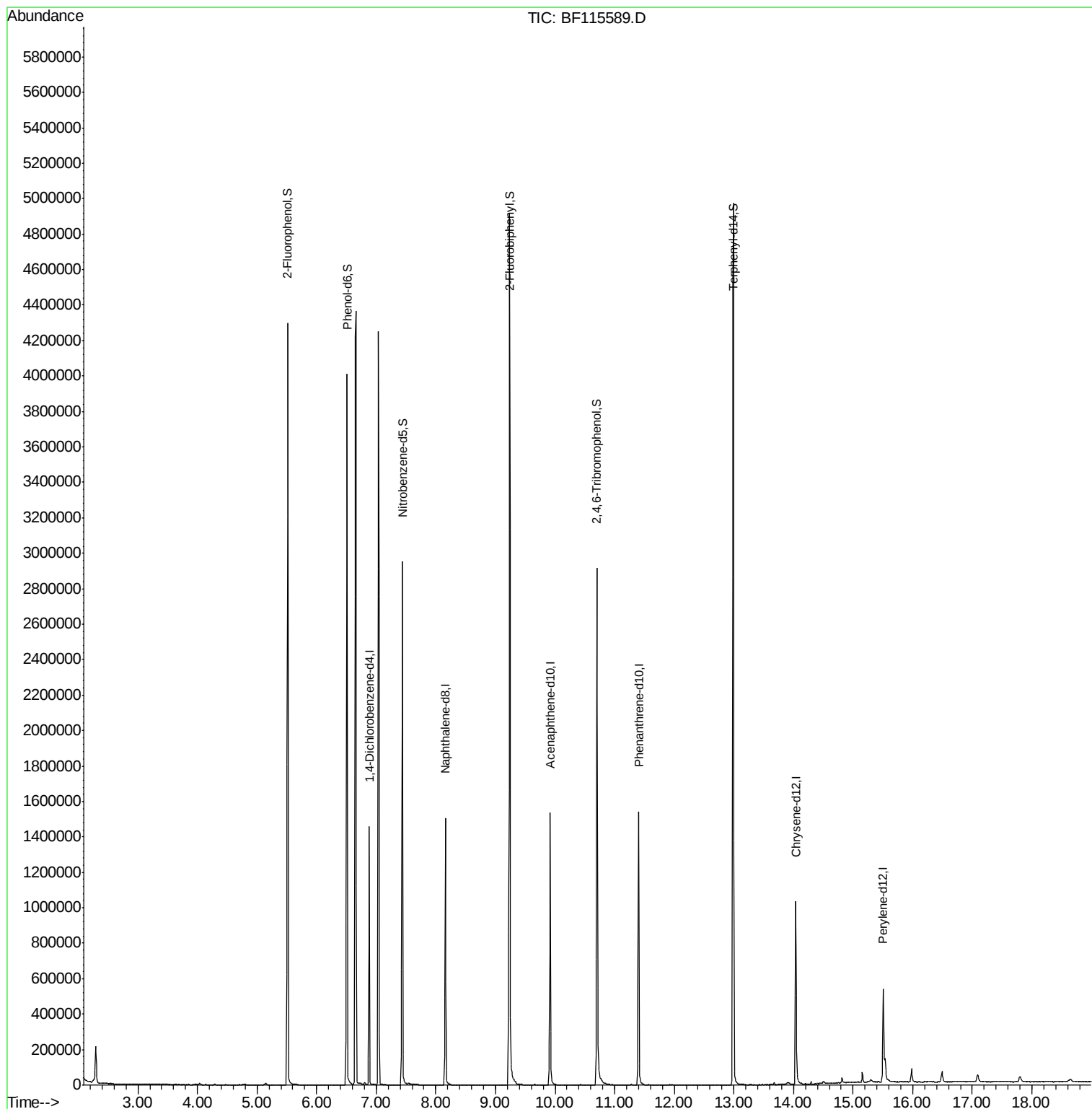
Target Compounds Qvalue

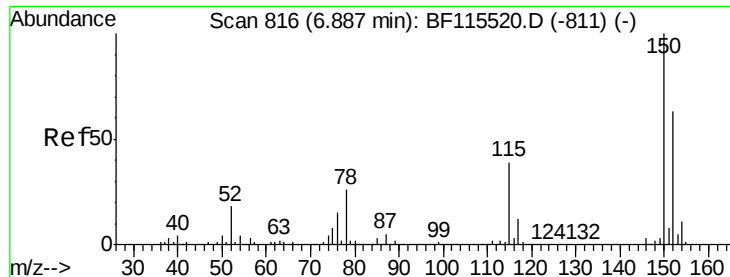
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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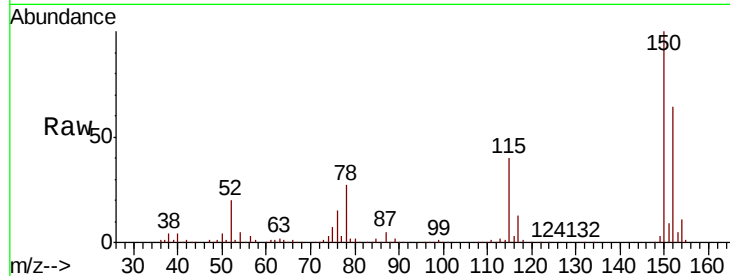


#1

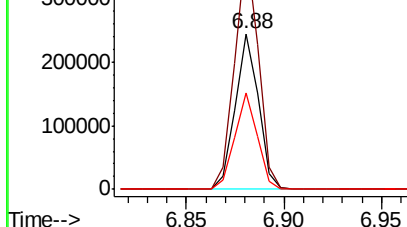
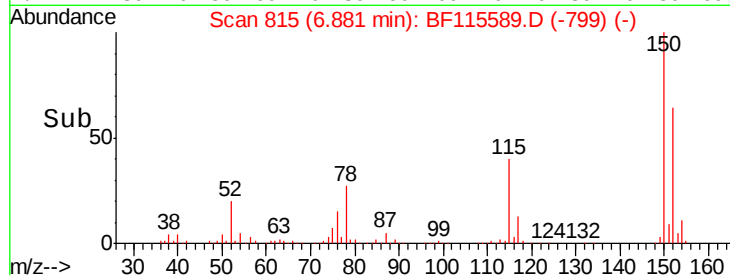
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115589.D
 Acq: 16 Jul 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BL

Tot Ion:152 Resp: 200950
 Ion Ratio Lower Upper
 152 100
 150 156.5 129.7 194.5
 115 61.9 48.2 72.4



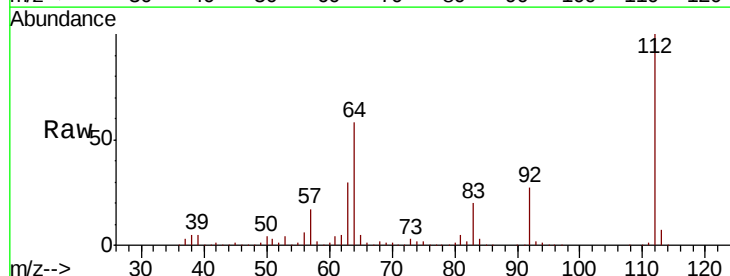
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



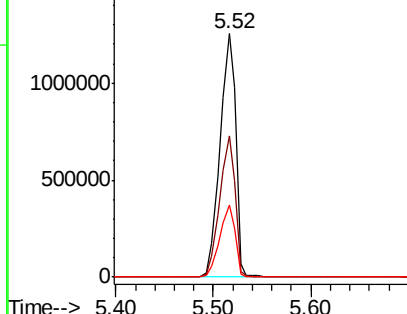
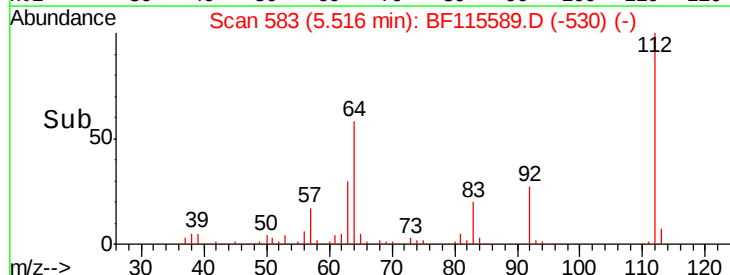
#5

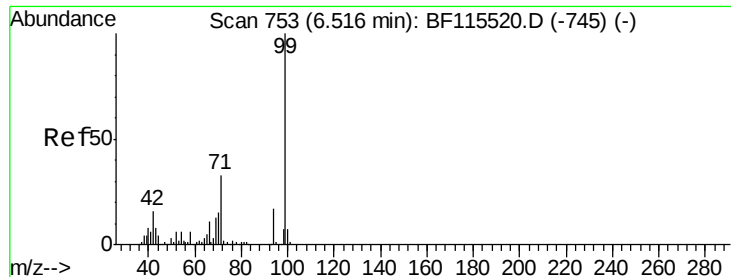
2-Fluorophenol
 Concen: 114.795 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF115589.D
 Acq: 16 Jul 2019 11:19

Tgt Ion:112 Resp: 1410278
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.8 70.2
 63 29.7 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: 118.010 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115589.D

Acq: 16 Jul 2019 11:19

Instrument :

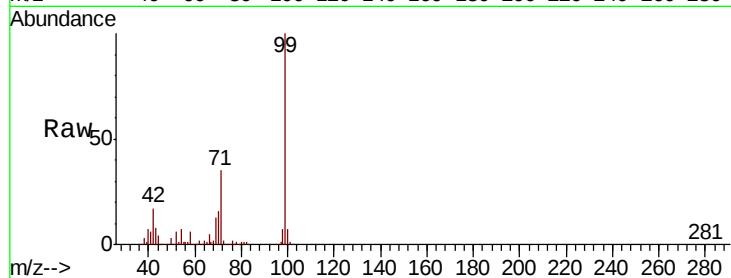
BNA_F

ClientSampleId :

PB121214BL

Tot Ion: 99 Resp: 1839597

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	34.8	28.5	42.7

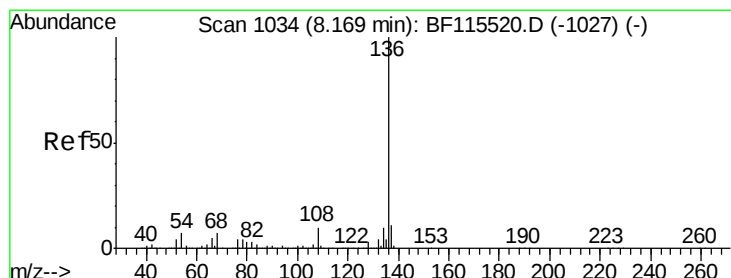
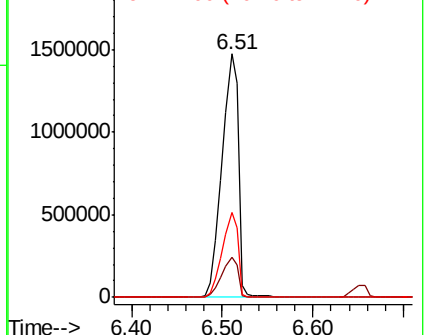
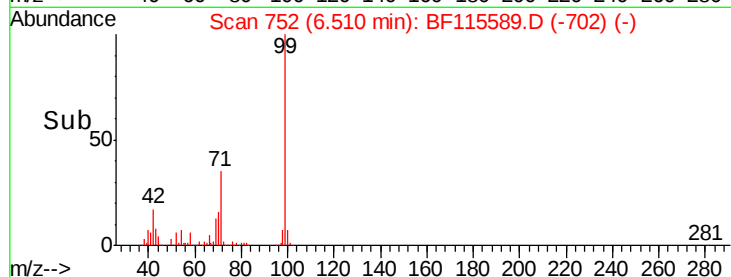


Abundance

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

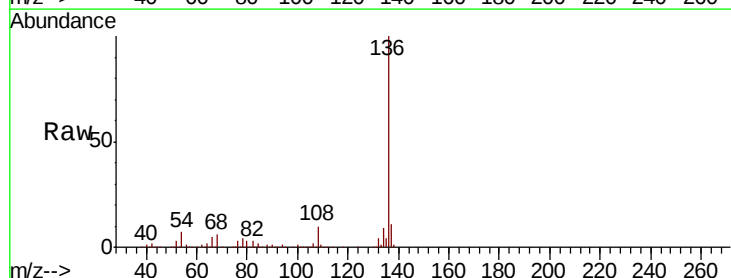
Delta R.T. -0.01 min

Lab File: BF115589.D

Acq: 16 Jul 2019 11:19

Tgt Ion: 136 Resp: 762646

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	5.6	8.4
68	6.0	5.0	7.6



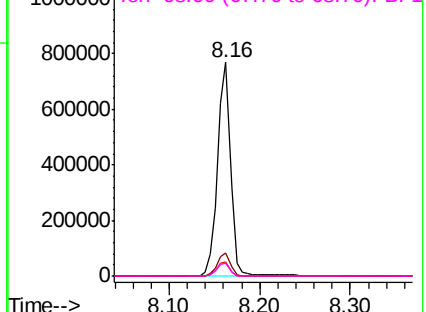
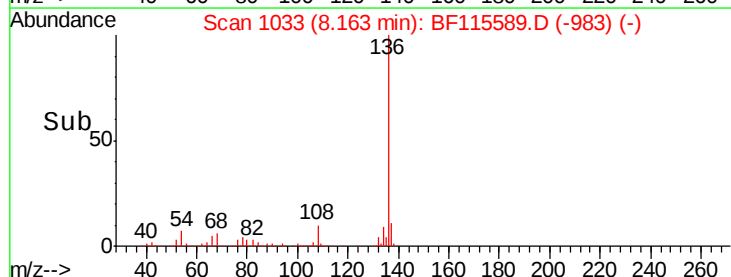
Abundance

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

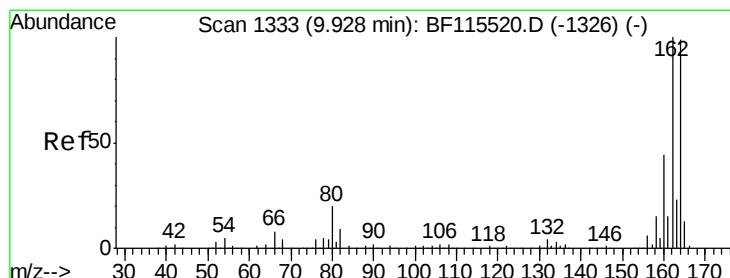
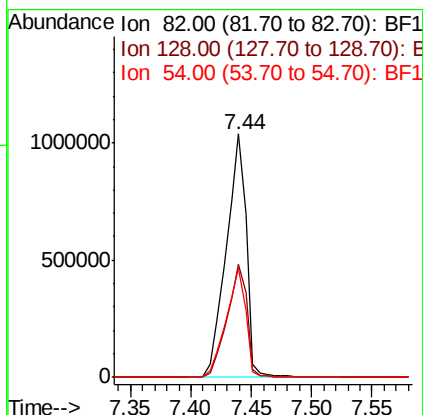
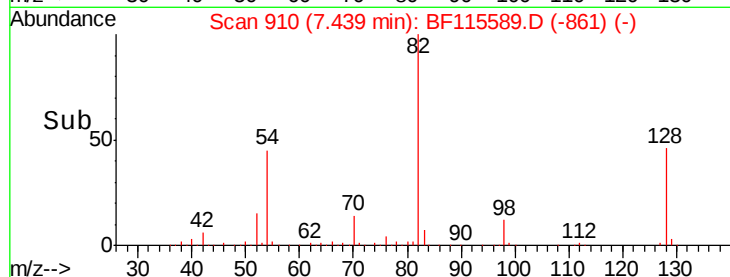
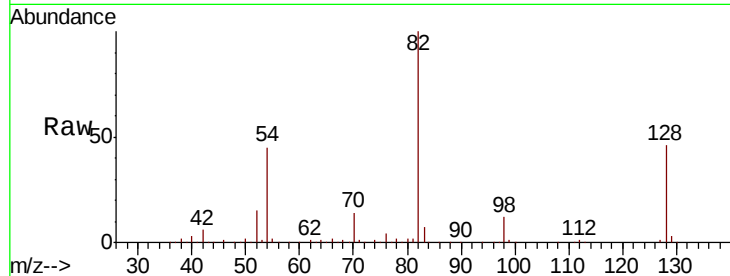




#23
 Nitrobenzene-d5
 Concen: 91.302 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115589.D
 Acq: 16 Jul 2019 11:19

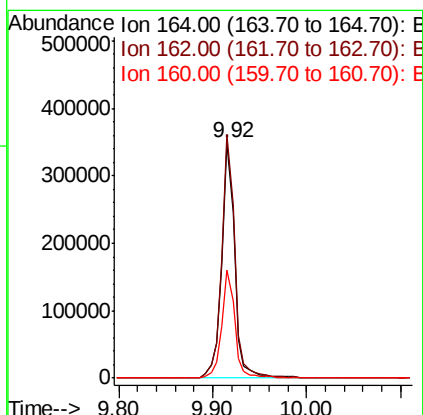
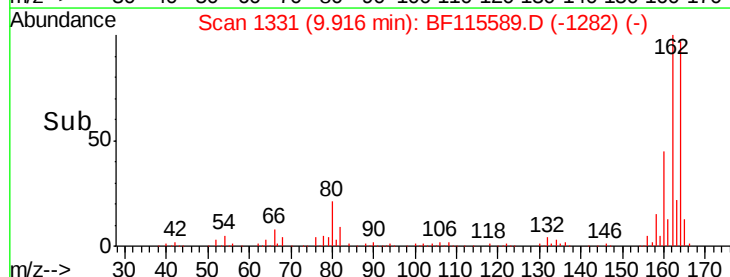
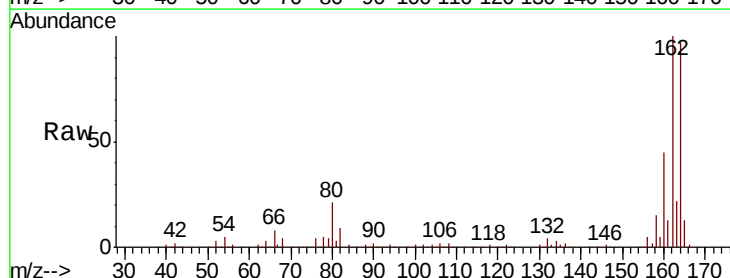
Instrument :
 BNA_F
 ClientSampleId :
 PB121214BL

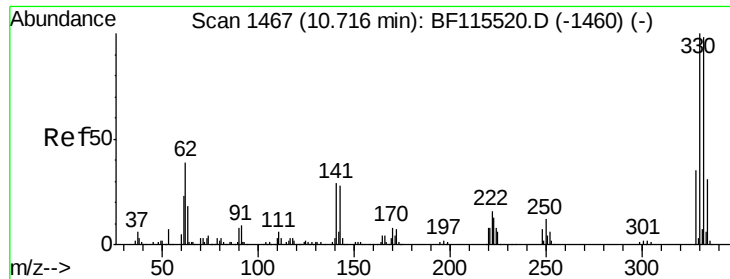
Tot Ion: 82 Resp: 1197511
 Ion Ratio Lower Upper
 82 100
 128 46.3 38.6 57.8
 54 44.7 35.6 53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115589.D
 Acq: 16 Jul 2019 11:19

Tgt Ion: 164 Resp: 338296
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.9 124.3
 160 46.1 36.8 55.2

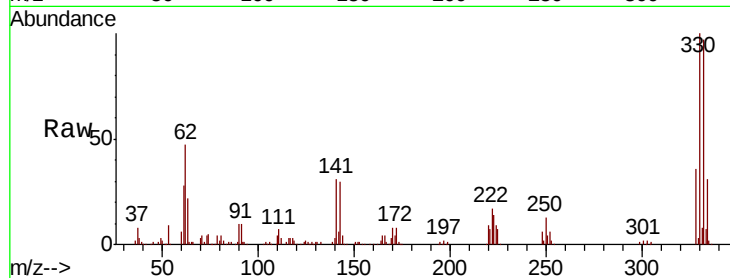




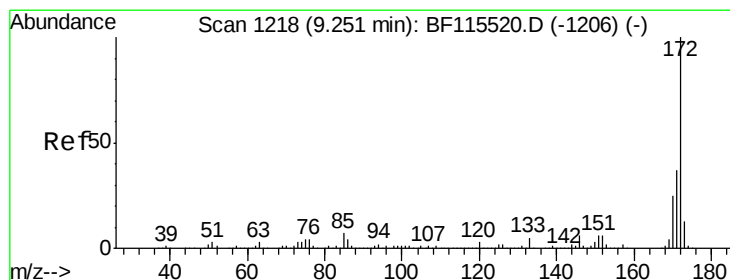
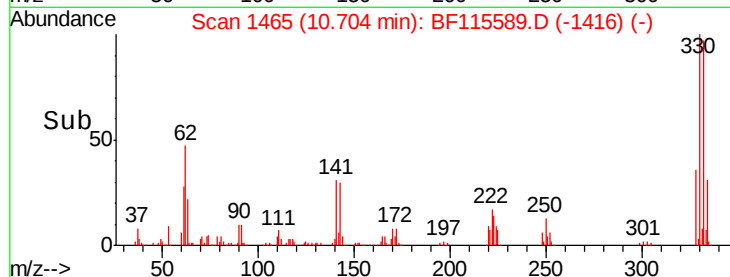
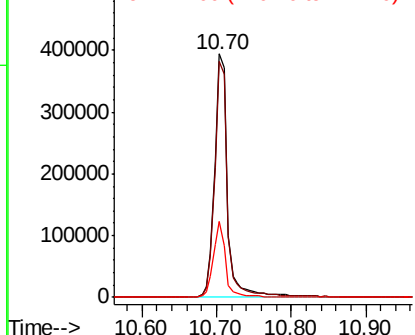
#42
 2,4,6-Tribromophenol
 Concen: 120.044 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115589.D
 Acq: 16 Jul 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BL

Tot Ion:330 Resp: 474023
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 30.0 22.4 33.6

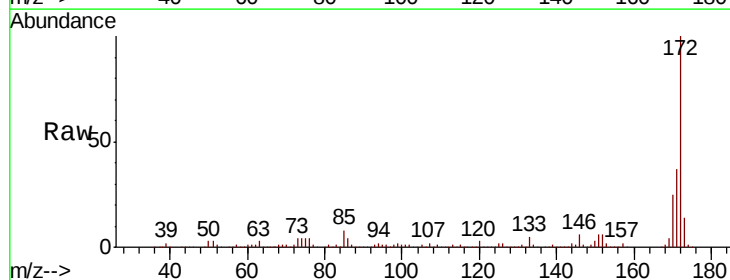


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

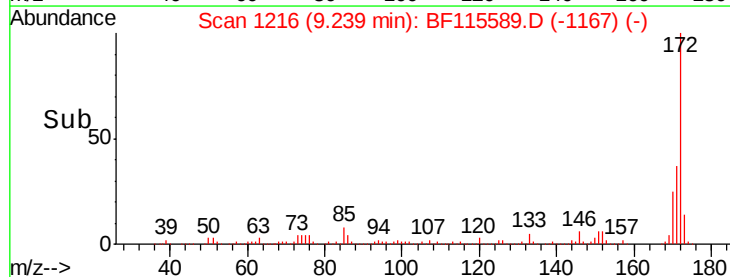
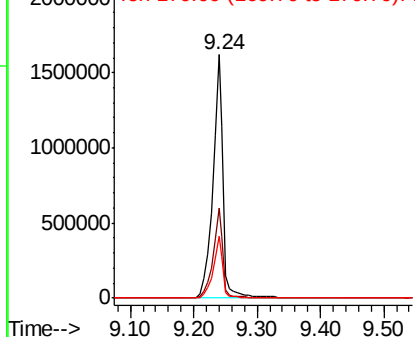


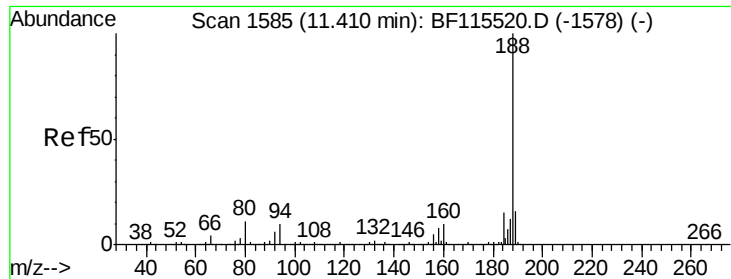
#45
 2-Fluorobiphenyl
 Concen: 97.818 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115589.D
 Acq: 16 Jul 2019 11:19

Tgt Ion:172 Resp: 1890629
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.6 46.0
 170 25.5 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: BF115589.D

Acq: 16 Jul 2019 11:19

Instrument :

BNA_F

ClientSampleId :

PB121214BL

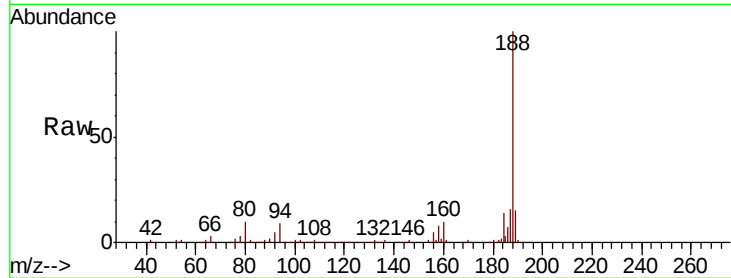
Tot Ion:188 Resp: 662528

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

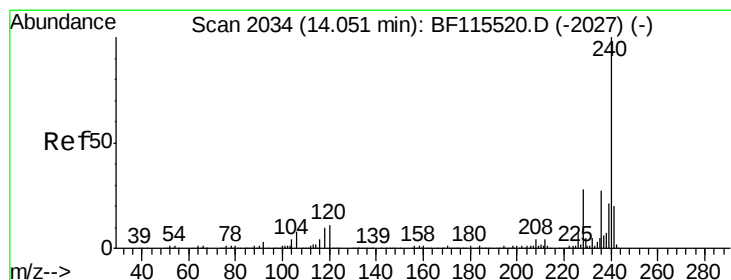
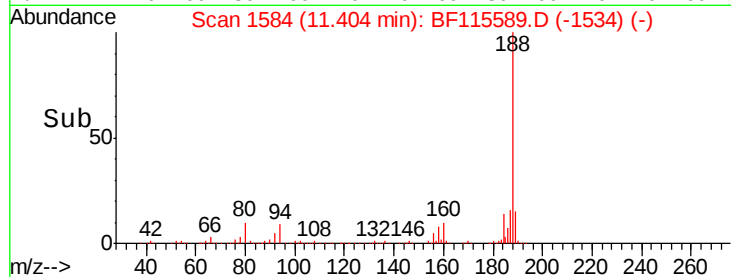
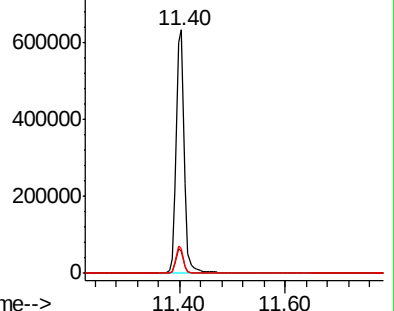
80 9.9 8.6 13.0



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: BF115589.D

Acq: 16 Jul 2019 11:19

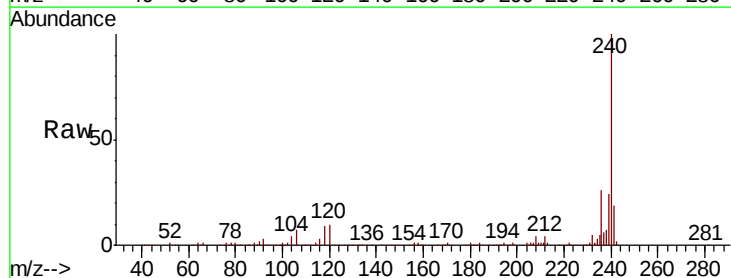
Tgt Ion:240 Resp: 432734

Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

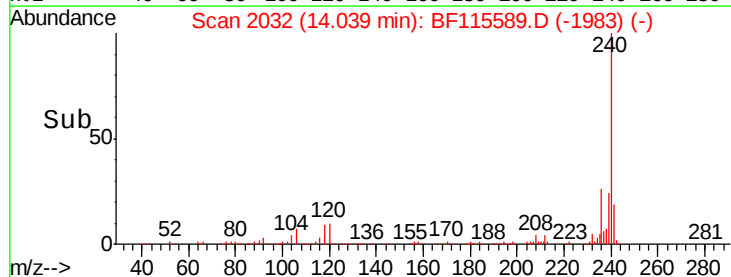
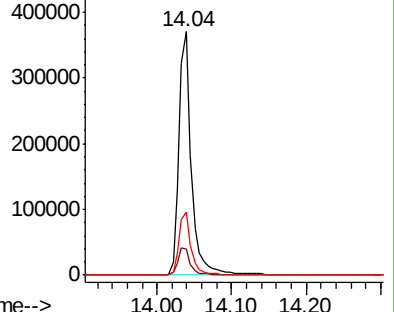
236 26.2 21.3 31.9

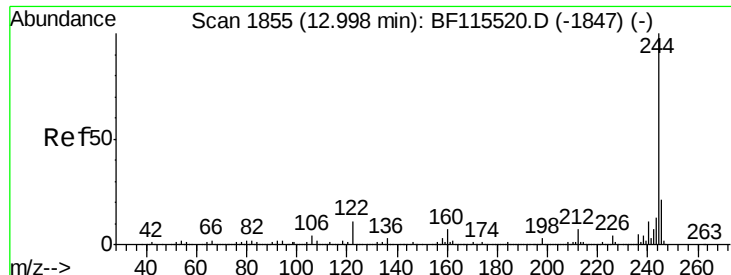


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.991 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115589.D

Acq: 16 Jul 2019 11:19

Instrument :

BNA_F

ClientSampleId :

PB121214BL

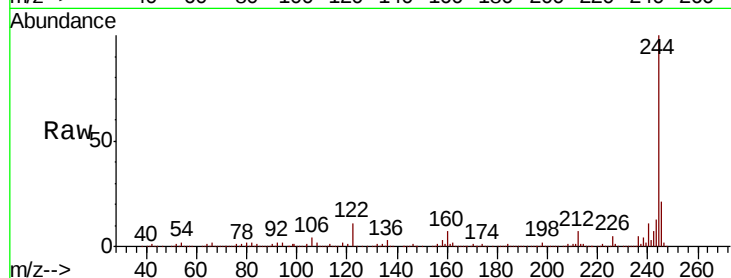
Tot Ion:244 Resp: 2040147

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

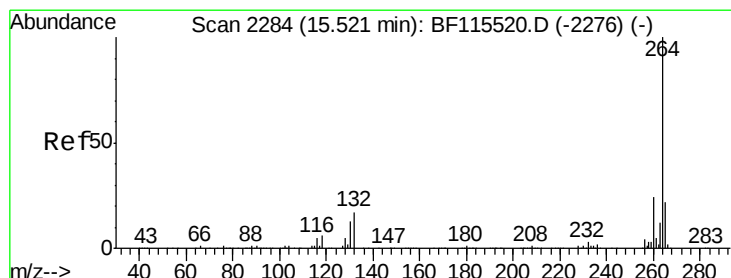
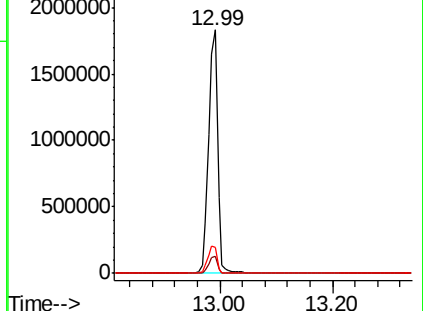
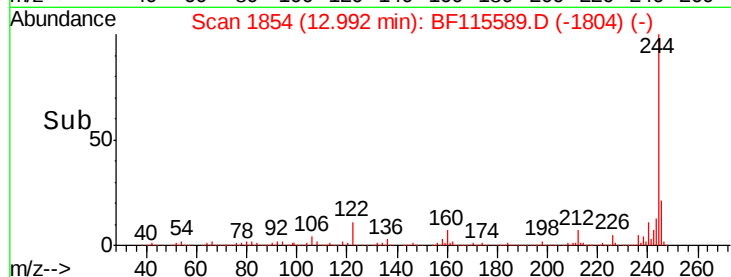
122 10.9 8.6 12.8



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: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115589.D

Acq: 16 Jul 2019 11:19

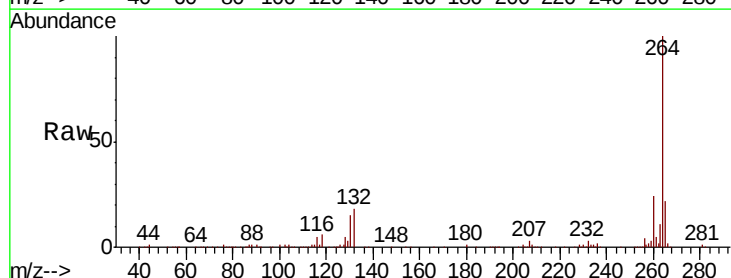
Tgt Ion:264 Resp: 355873

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

265 22.1 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

