

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115424.D
 Acq On : 8 Jul 2019 23:52
 Operator : HP/JU
 Sample : K3668-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHORT-WALL-AREA

Quant Time: Jul 09 04:33:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

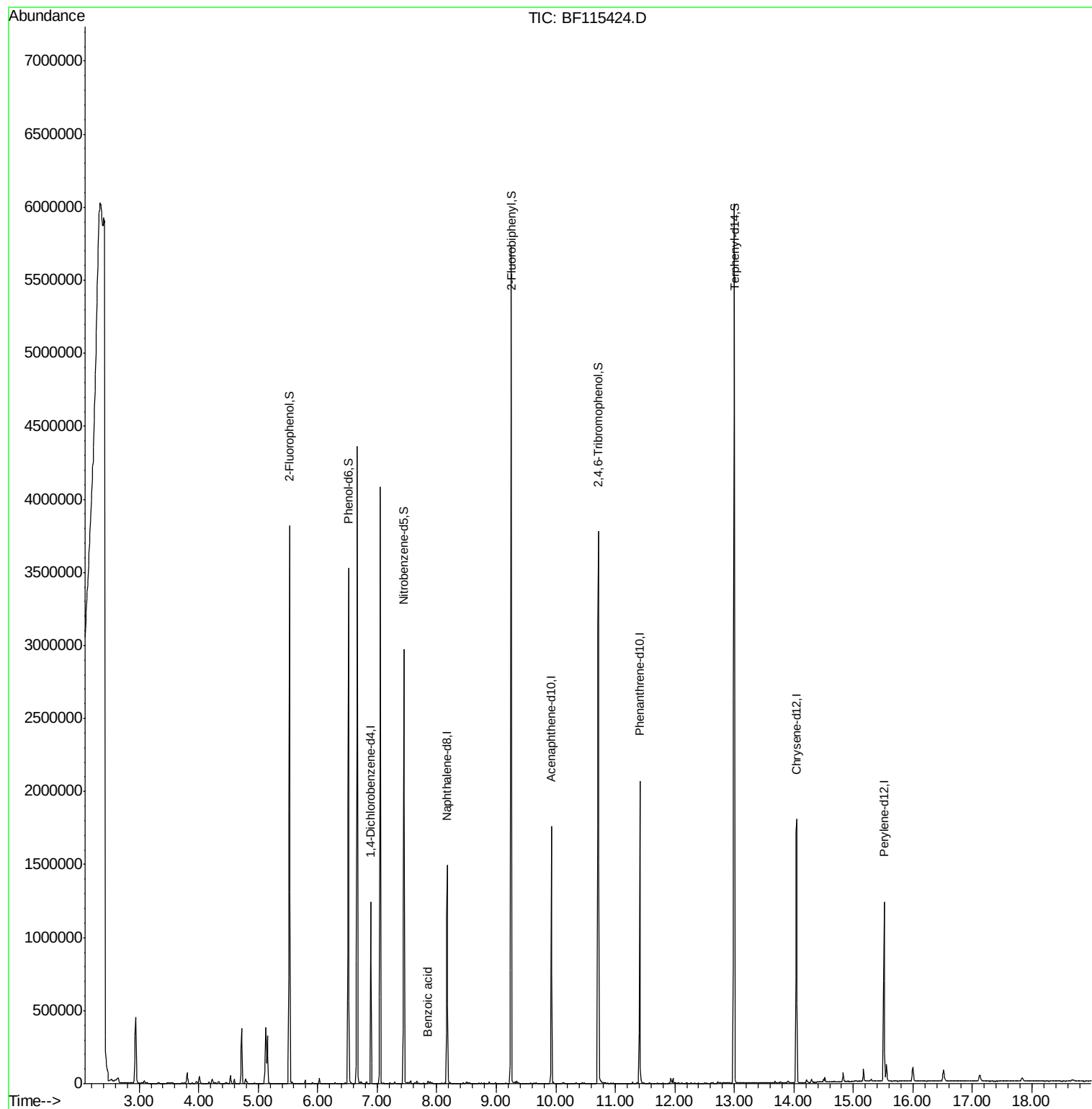
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	165073	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	645365	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	332018	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	697778	20.00	ng	0.00
76) Chrysene-d12	14.04	240	609635	20.00	ng	-0.02
87) Perylene-d12	15.52	264	592442	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1162727	108.83	ng	0.01
7) Phenol-d6	6.52	99	1337272	98.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	1080267	98.90	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	546016	148.74	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1904145	100.64	ng	0.00
79) Terphenyl-d14	13.00	244	2613304	87.77	ng	0.00
Target Compounds						
32) Benzoic acid	7.85	122	5041	6.668	ng	Qvalue 90

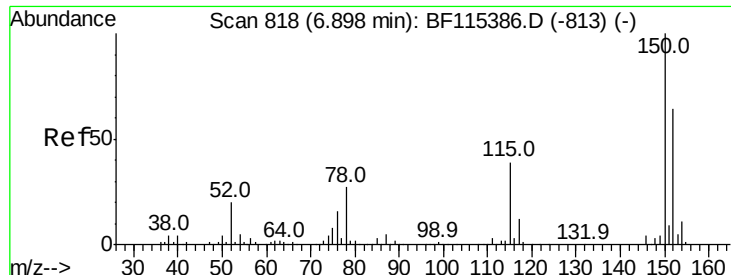
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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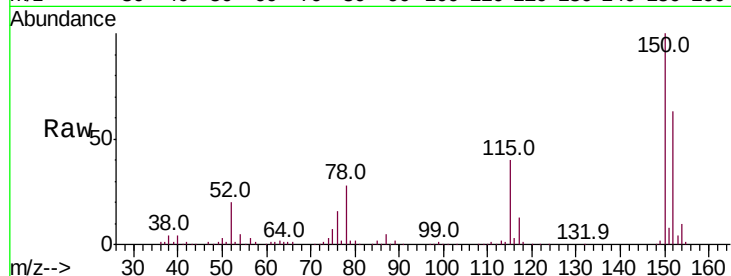


#1

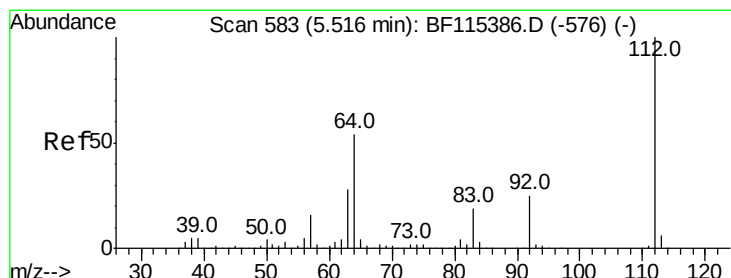
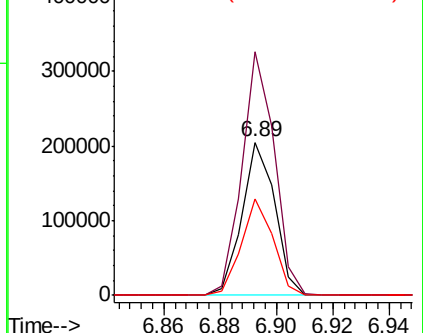
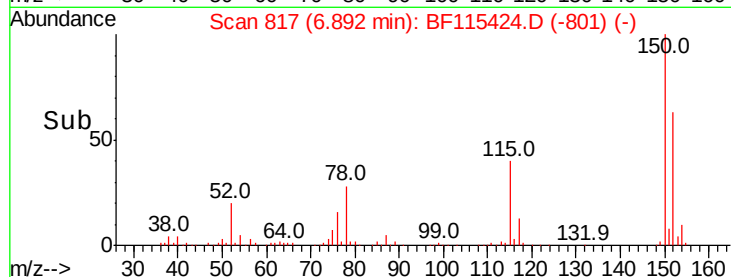
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115424.D
Acq: 8 Jul 2019 23:52

Instrument :
BNA_F
ClientSampleId :
SHORT-WALL-AREA

Tot Ion:152 Resp: 165073
Ion Ratio Lower Upper
152 100
150 158.9 124.7 187.1
115 63.2 48.1 72.1



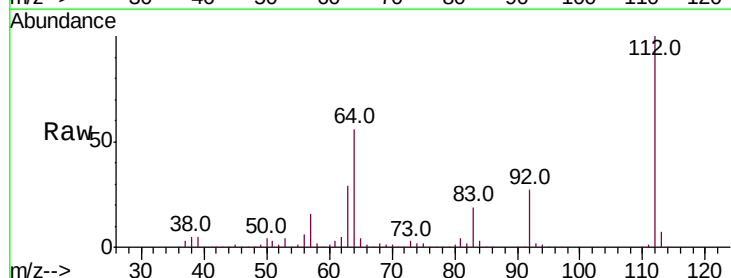
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



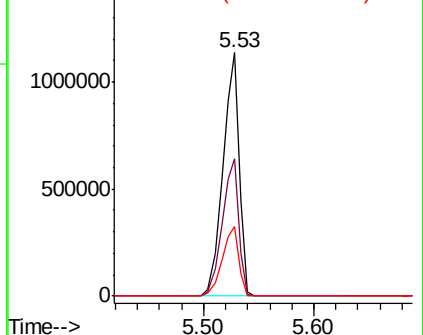
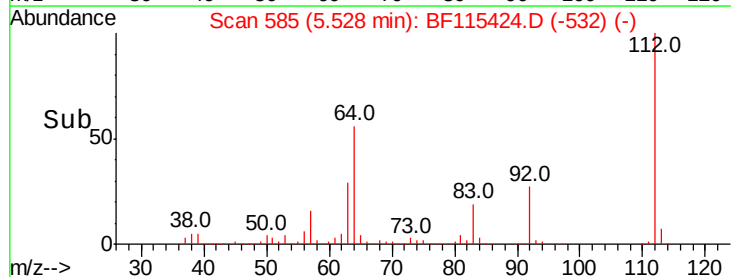
#5

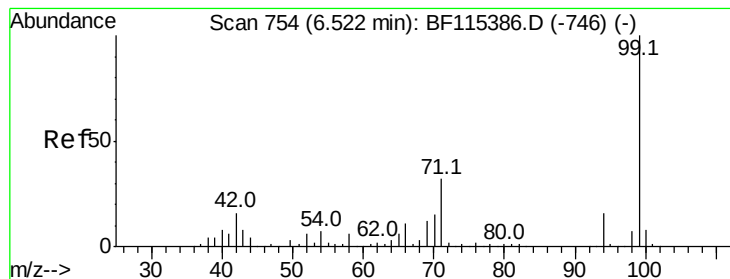
2-Fluorophenol
Concen: 108.827 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF115424.D
Acq: 8 Jul 2019 23:52

Tgt Ion:112 Resp: 1162727
Ion Ratio Lower Upper
112 100
64 56.3 43.0 64.6
63 28.7 22.2 33.2



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: 98.416 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF115424.D

Acq: 8 Jul 2019 23:52

Instrument :

BNA_F

ClientSampleId :

SHORT-WALL-AREA

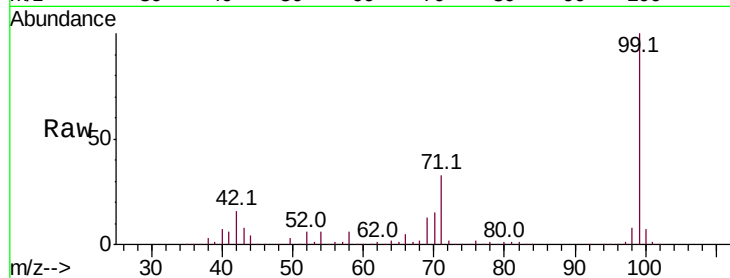
Tot Ion: 99 Resp: 1337272

Ion Ratio Lower Upper

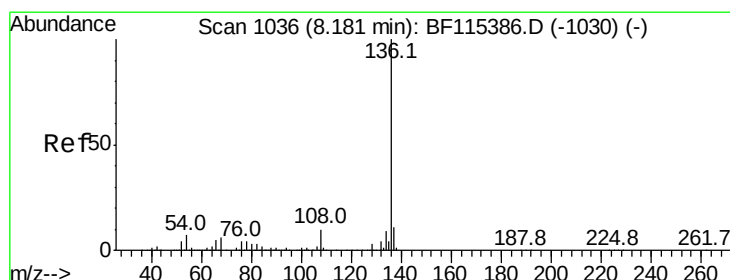
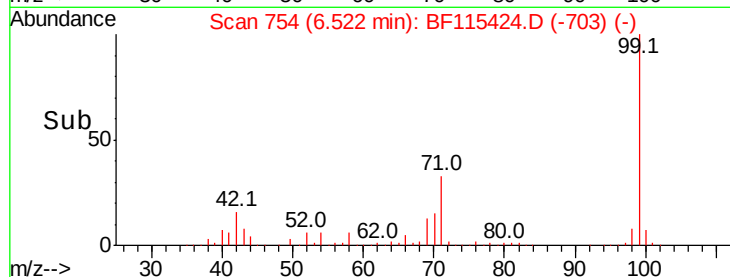
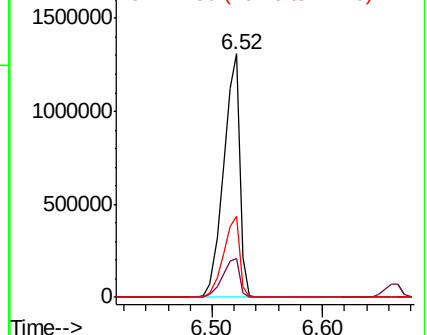
99 100

42 15.8 13.1 19.7

71 33.1 25.9 38.9



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115424.D

Acq: 8 Jul 2019 23:52

Tgt Ion: 136 Resp: 645365

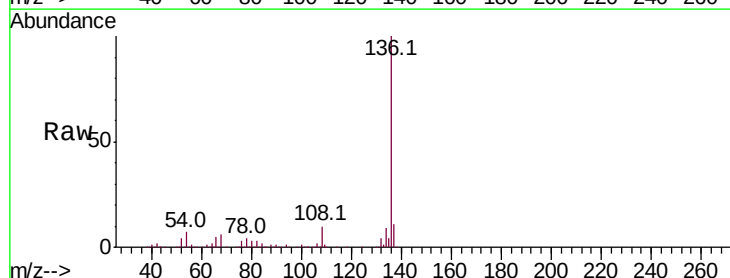
Ion Ratio Lower Upper

136 100

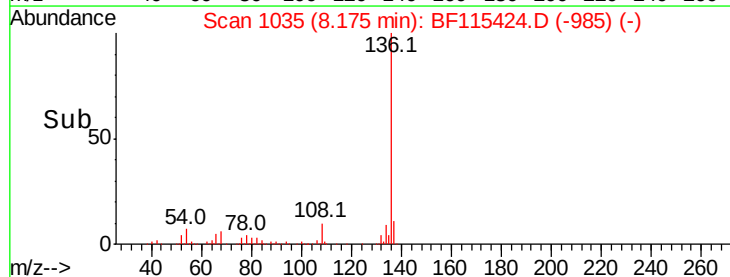
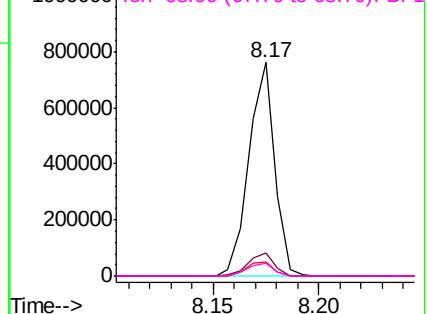
137 11.0 8.9 13.3

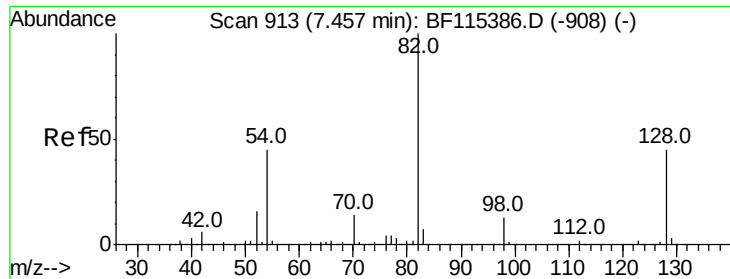
54 6.6 5.6 8.4

68 5.9 4.9 7.3



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



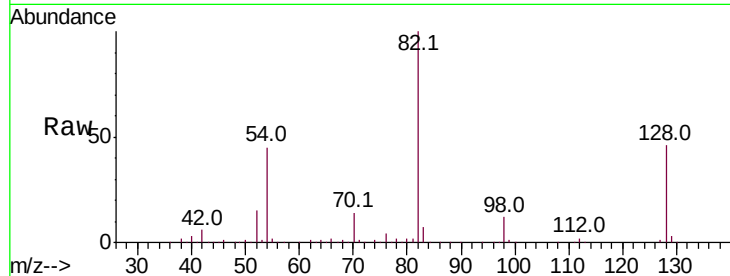


#23
 Nitrobenzene-d5
 Concen: 98.899 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115424.D
 Acq: 8 Jul 2019 23:52

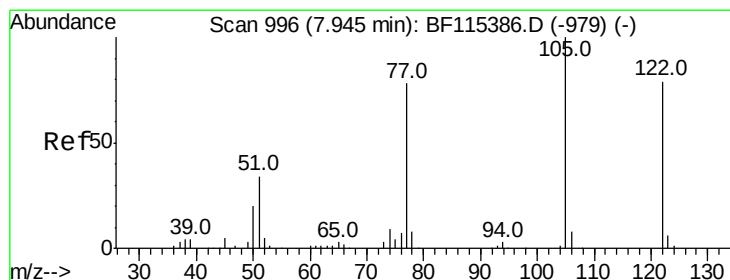
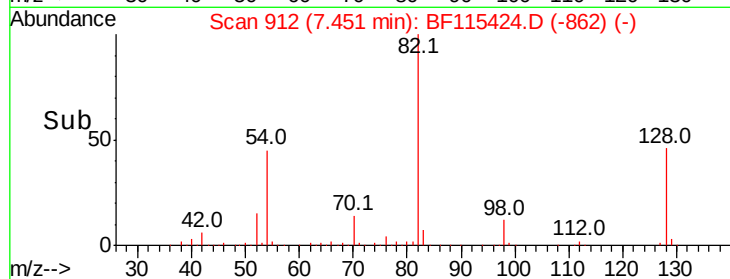
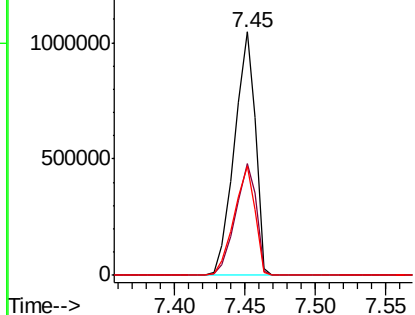
Instrument :
 BNA_F
 ClientSampleId :
 SHORT-WALL-AREA

Tot Ion: 82 Resp: 1080267

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.7	53.5
54	44.8	36.3	54.5



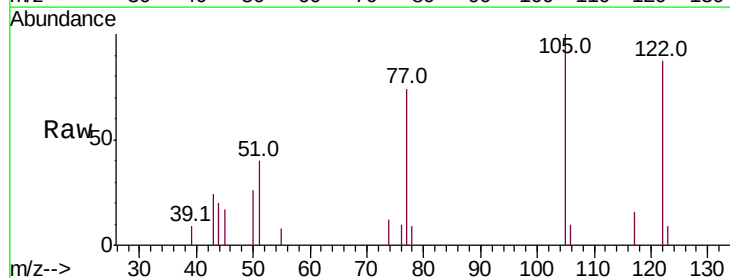
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



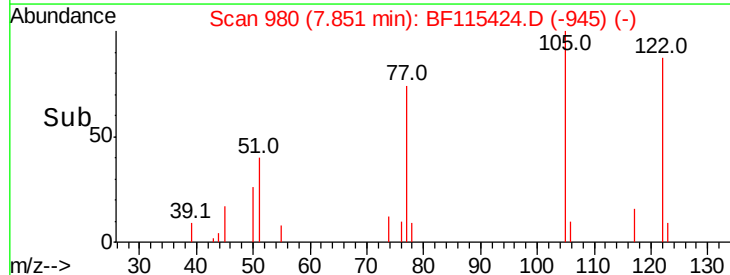
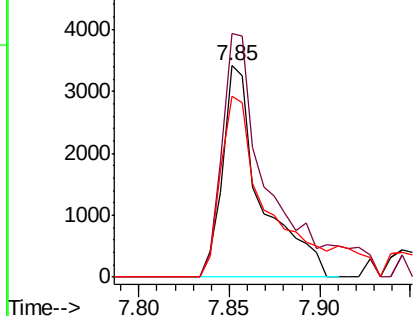
#32
 Benzoic acid
 Concen: 6.668 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.09 min
 Lab File: BF115424.D
 Acq: 8 Jul 2019 23:52

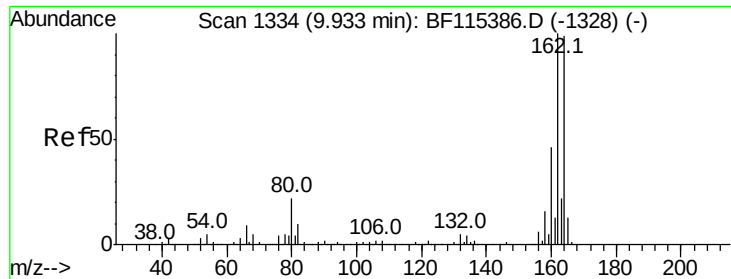
Tgt Ion: 122 Resp: 5041

Ion	Ratio	Lower	Upper
122	100		
105	115.1	105.1	145.1
77	85.4	77.8	117.8



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

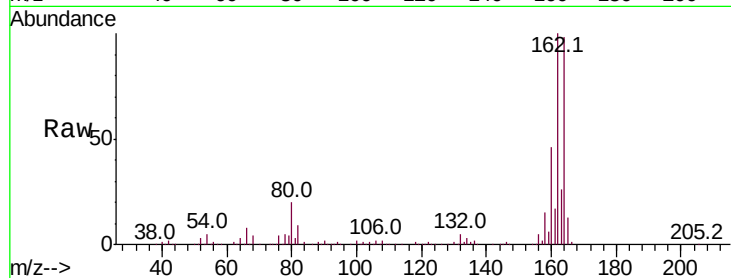




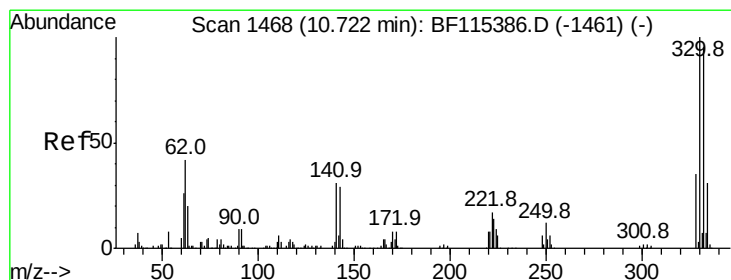
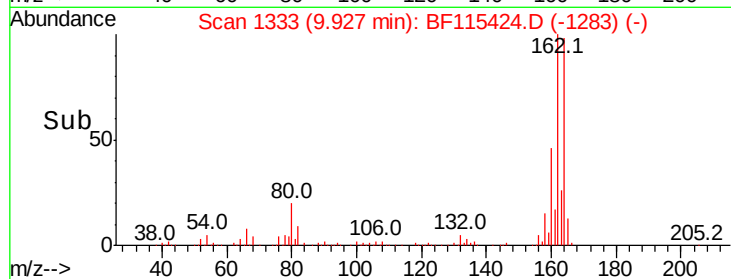
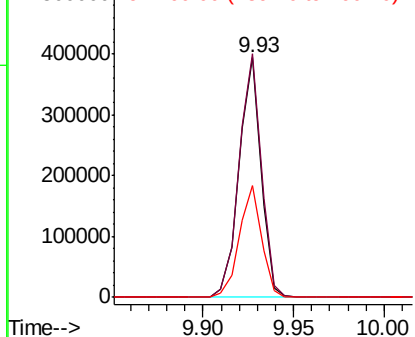
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115424.D
 Acq: 8 Jul 2019 23:52

Instrument :
 BNA_F
 ClientSampleId :
 SHORT-WALL-AREA

Tot Ion:164 Resp: 332018
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 121.0
 160 46.8 37.0 55.6

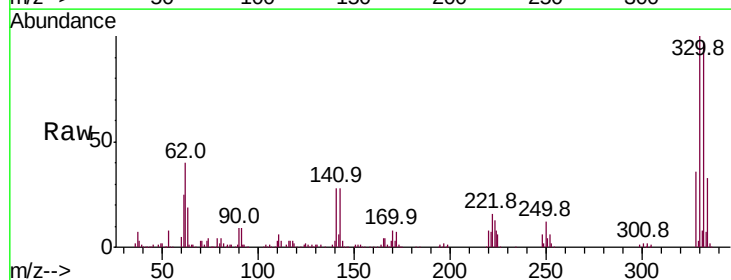


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

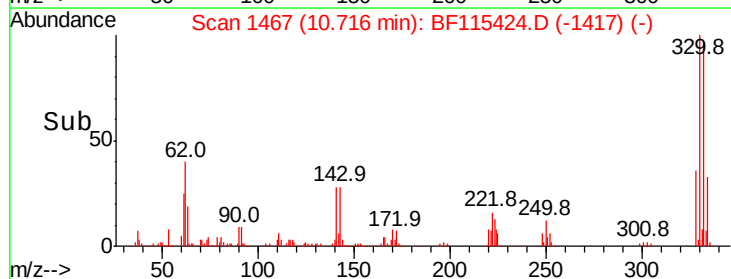
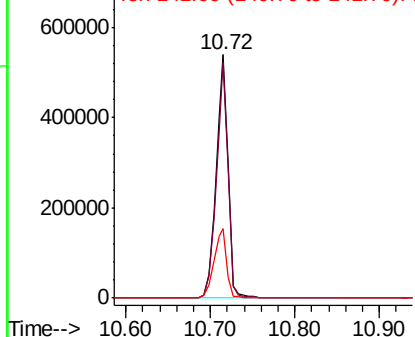


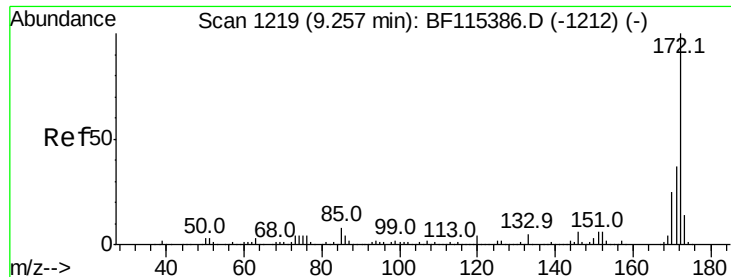
#42
 2,4,6-Tribromophenol
 Concen: 148.737 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115424.D
 Acq: 8 Jul 2019 23:52

Tgt Ion:330 Resp: 546016
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.3 114.5
 141 30.5 27.0 40.4



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

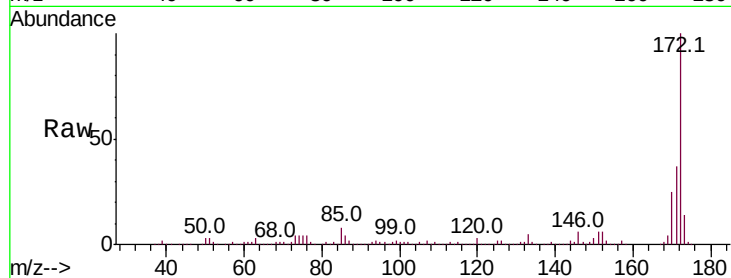




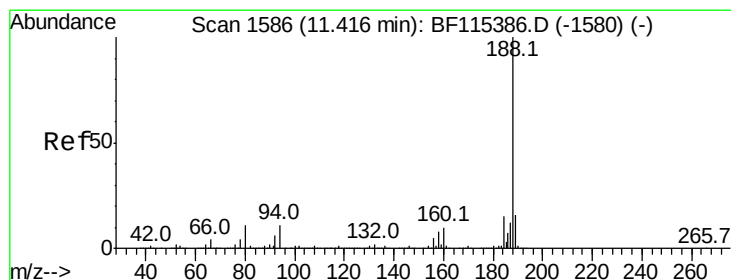
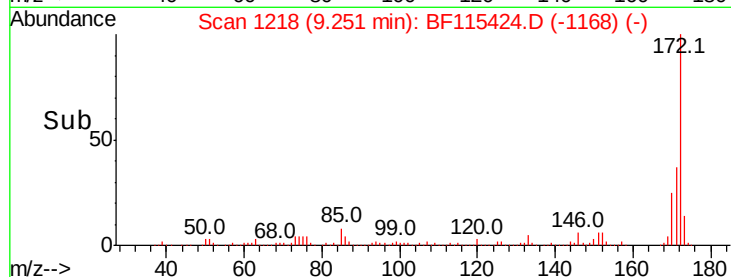
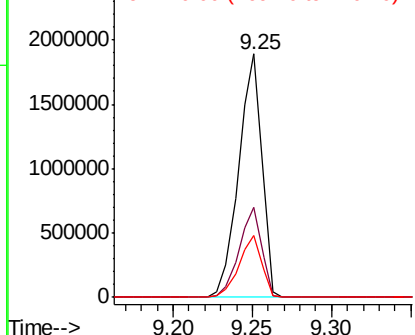
#45
2-Fluorobiphenyl
Concen: 100.636 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115424.D
Acq: 8 Jul 2019 23:52

Instrument :
BNA_F
ClientSampleId :
SHORT-WALL-AREA

Tot Ion:172 Resp: 1904145
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.8
170 25.3 20.2 30.4

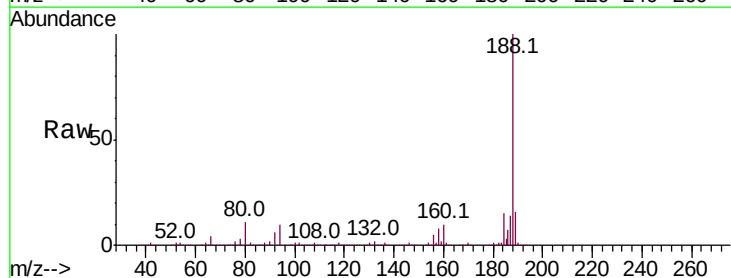


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

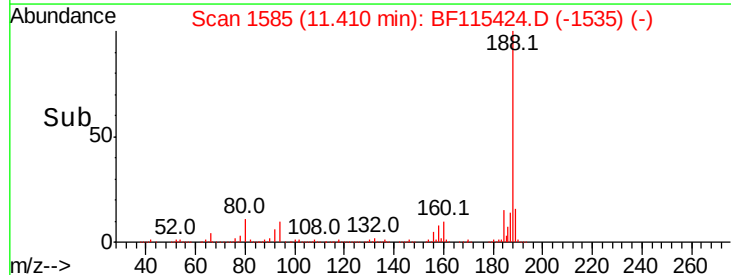
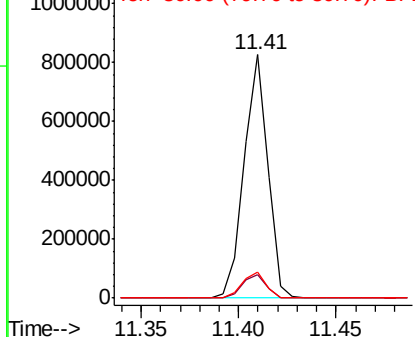


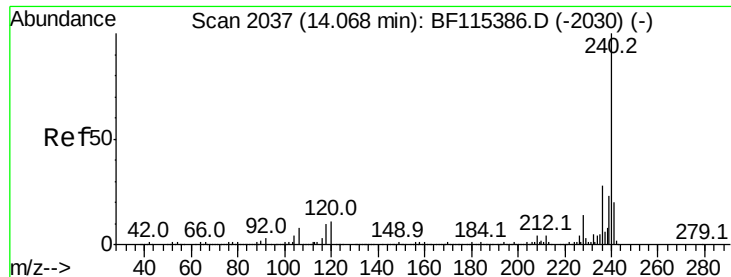
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115424.D
Acq: 8 Jul 2019 23:52

Tgt Ion:188 Resp: 697778
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 9.1 13.7



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# 2033

Delta R.T. -0.02 min

Lab File: BF115424.D

Acq: 8 Jul 2019 23:52

Instrument :

BNA_F

ClientSampleId :

SHORT-WALL-AREA

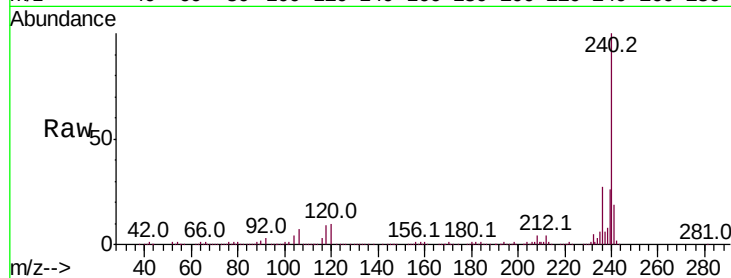
Tot Ion:240 Resp: 609635

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

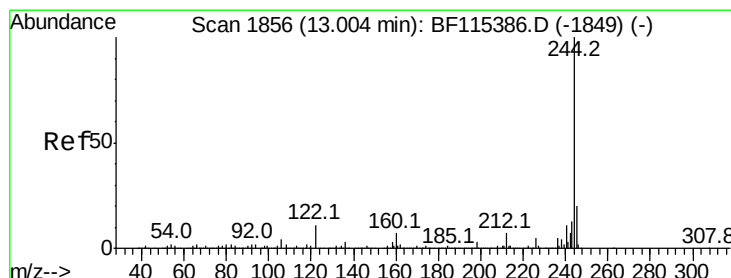
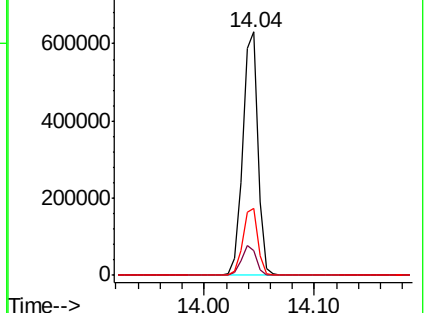
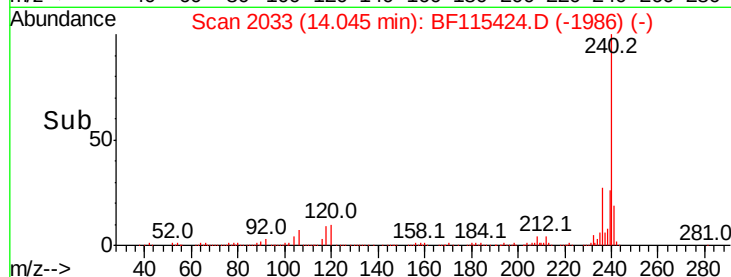
236 27.3 22.5 33.7



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: 87.770 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF115424.D

Acq: 8 Jul 2019 23:52

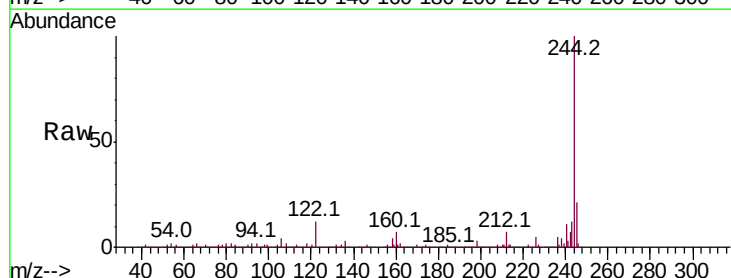
Tgt Ion:244 Resp: 2613304

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

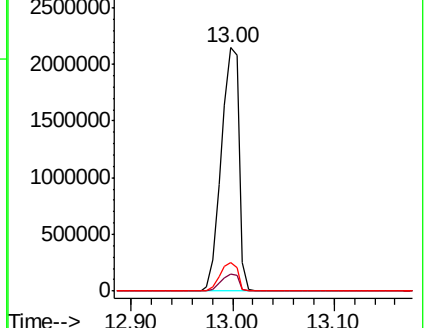
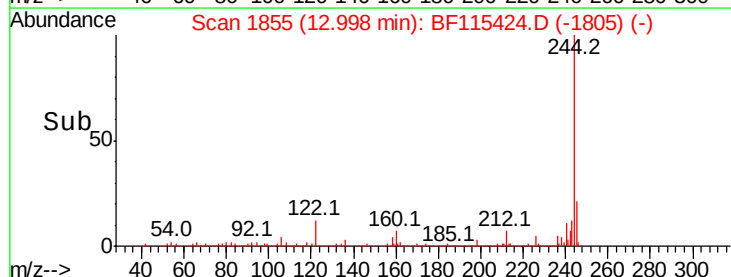
122 11.8 9.1 13.7

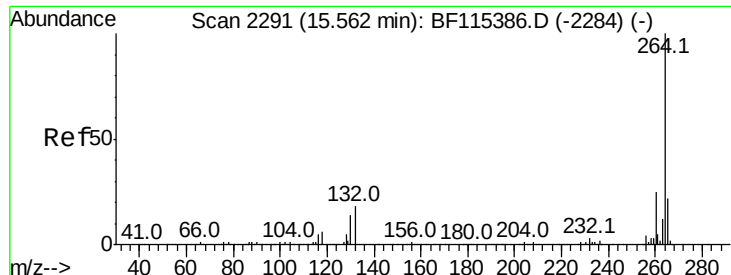


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.05 min
 Lab File: BF115424.D
 Acq: 8 Jul 2019 23:52

Instrument :
 BNA_F
 ClientSampleId :
 SHORT-WALL-AREA

Tot Ion:264 Resp: 592442
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 21.9 17.4 26.2

