

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118053.D
 Acq On : 27 Nov 2019 20:55
 Operator : JU
 Sample : K5999-02 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-01B

Quant Time: Nov 28 01:26:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	123246	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	483255	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	231825	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	372728	20.00	ng	0.00
76) Chrysene-d12	14.08	240	314844	20.00	ng	0.00
87) Perylene-d12	15.59	264	292148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	82297	11.82	ng	-0.01
7) Phenol-d6	6.50	99	106807	12.72	ng	-0.02
23) Nitrobenzene-d5	7.44	82	59096	7.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.73	330	25377	10.34	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	117525	9.09	ng	-0.02
79) Terphenyl-d14	13.02	244	112443	6.53	ng	-0.01

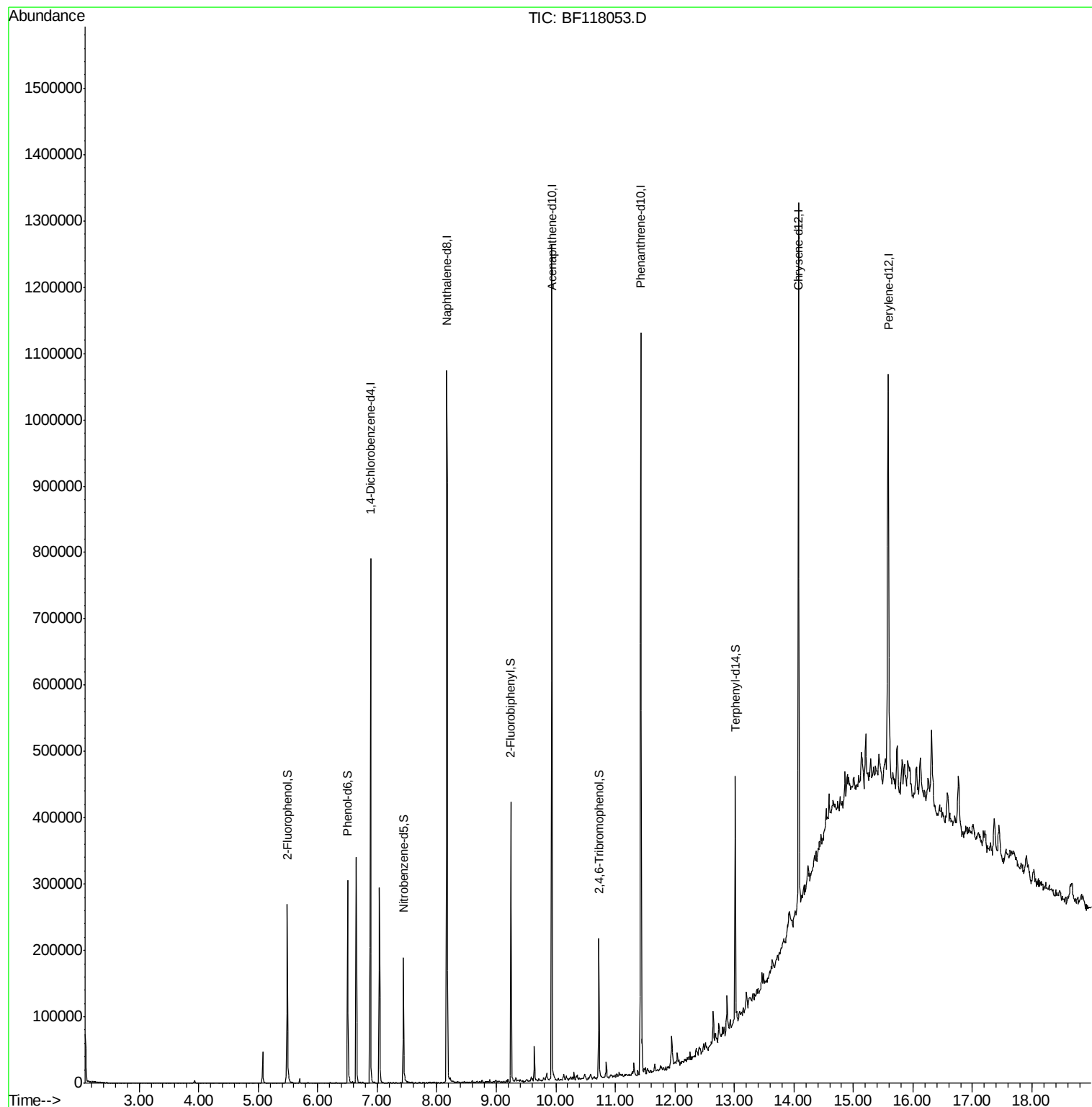
Target Compounds Qvalue

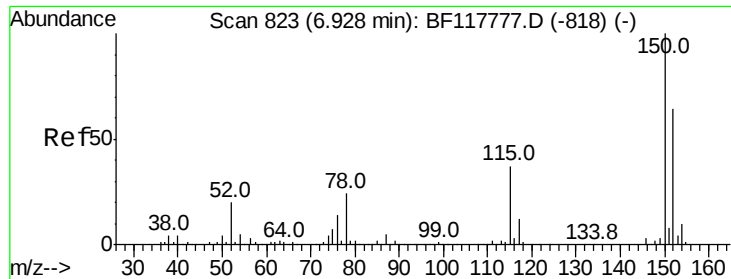
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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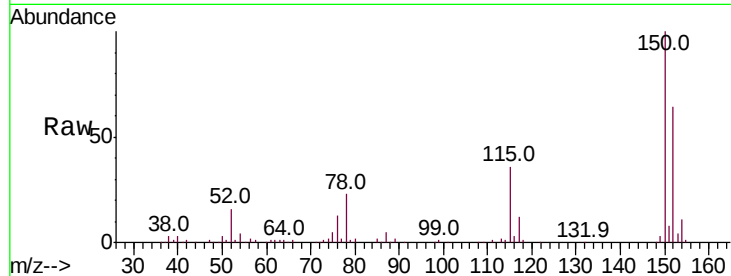


#1

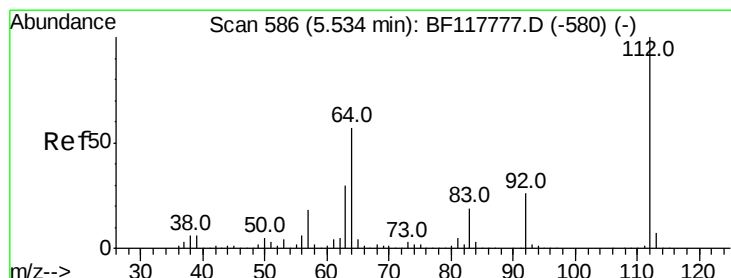
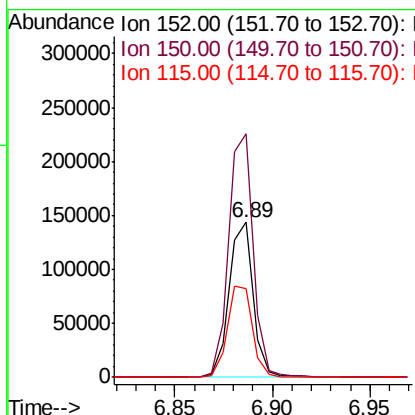
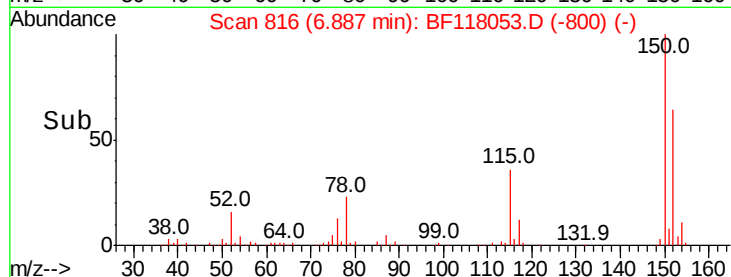
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF118053.D
 Acq: 27 Nov 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-01B

Tot Ion:152 Resp: 123246
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.3 187.9
 115 57.3 47.0 70.4



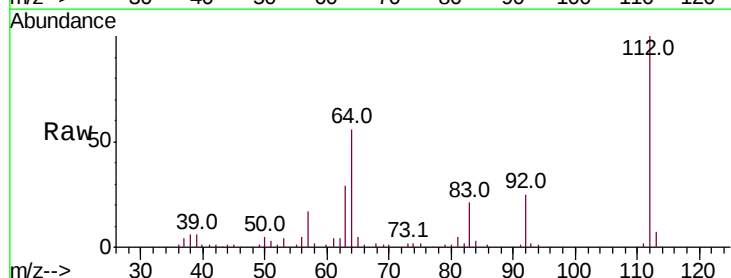
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



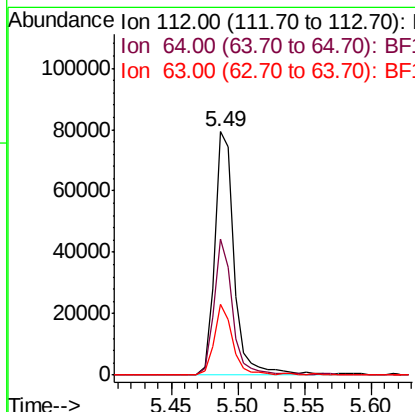
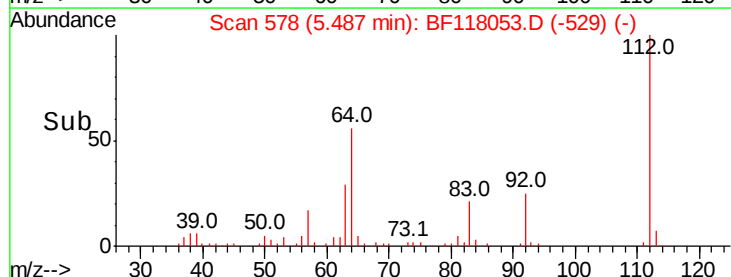
#5

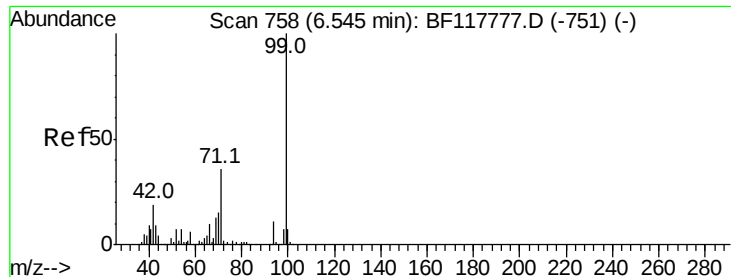
2-Fluorophenol
 Concen: 11.820 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF118053.D
 Acq: 27 Nov 2019 20:55

Tgt Ion:112 Resp: 82297
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.6 68.4
 63 29.0 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: 12.718 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

Instrument :

BNA_F

ClientSampleId :

IDLEWILD-BH-01B

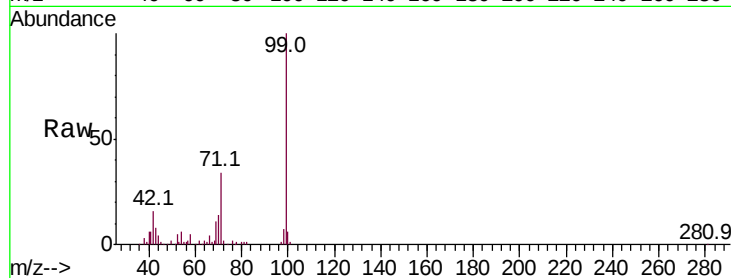
Tot Ion: 99 Resp: 106807

Ion Ratio Lower Upper

99 100

42 15.6 14.9 22.3

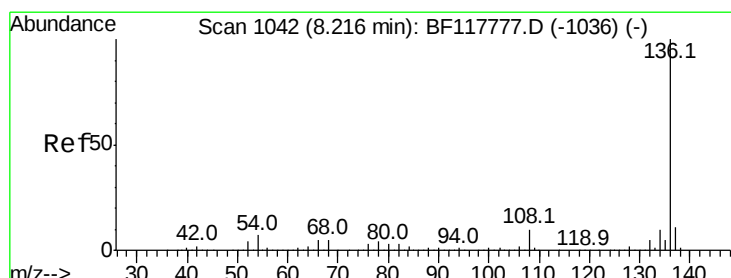
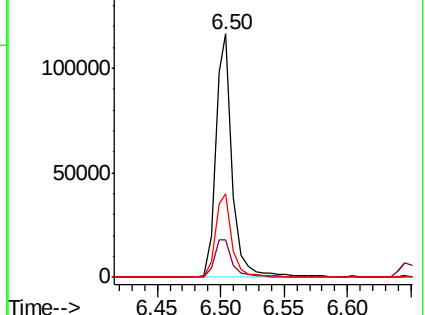
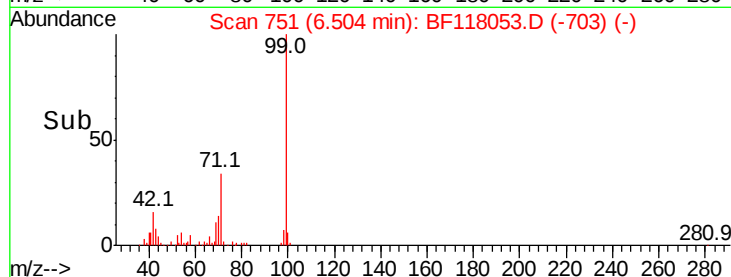
71 34.1 28.6 43.0



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# 1034

Delta R.T. -0.01 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

Tgt Ion: 136 Resp: 483255

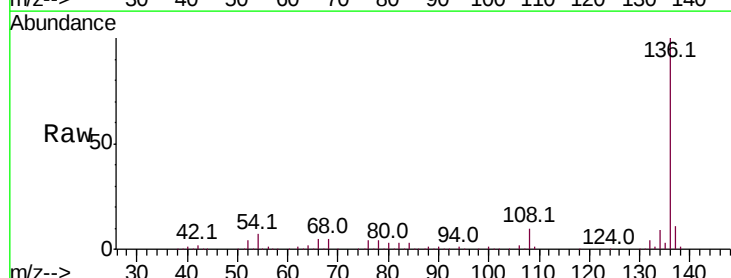
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.7 5.4 8.2

68 4.9 4.3 6.5

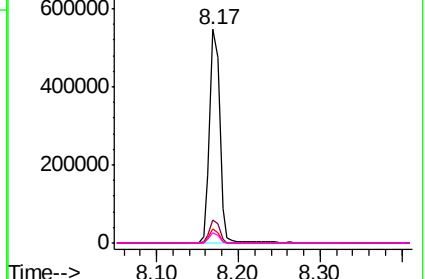
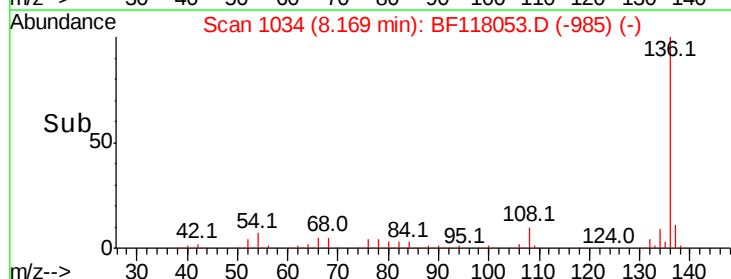


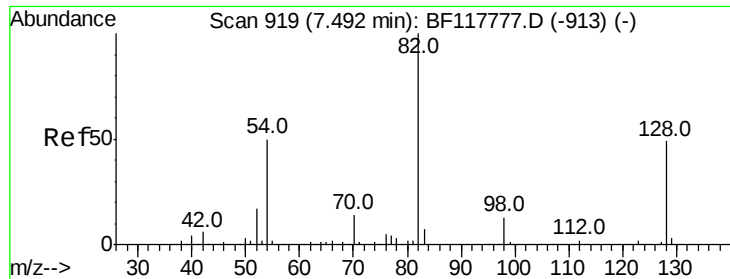
Abundance Ion 136.00 (135.70 to 136.70): E

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

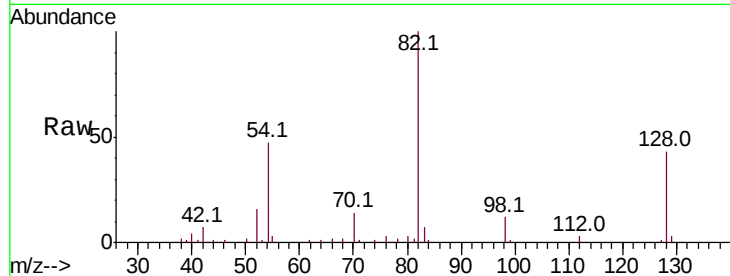




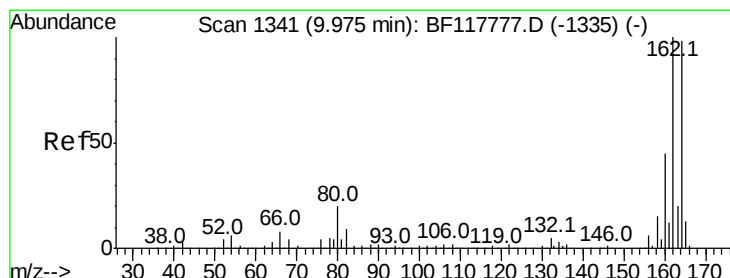
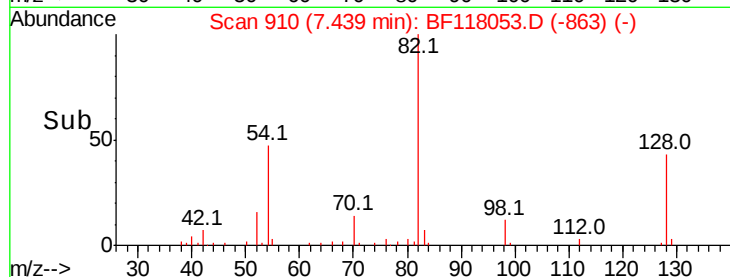
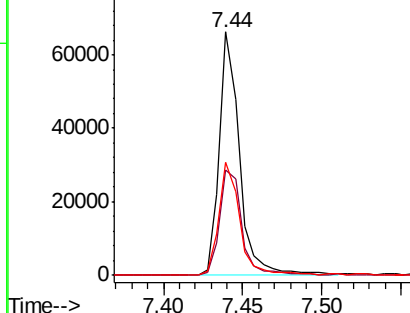
#23
 Nitrobenzene-d5
 Concen: 7.269 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF118053.D
 Acq: 27 Nov 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-01B

Tot Ion	82	Resp	59096
Ion Ratio	Lower	Upper	
82	100		
128	43.0	38.9	58.3
54	46.7	39.8	59.6

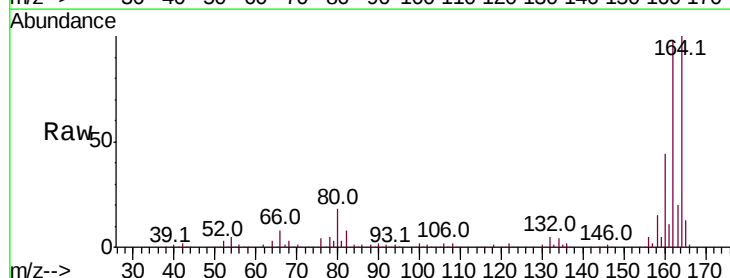


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

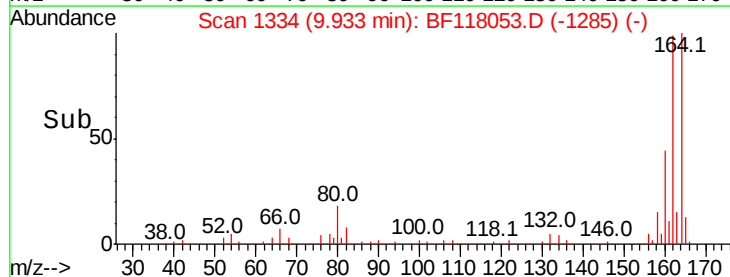
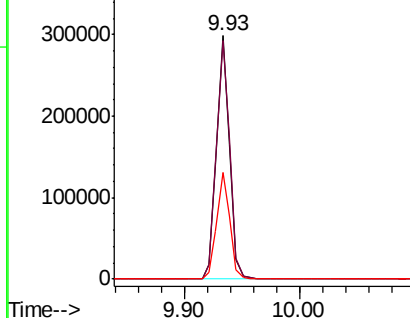


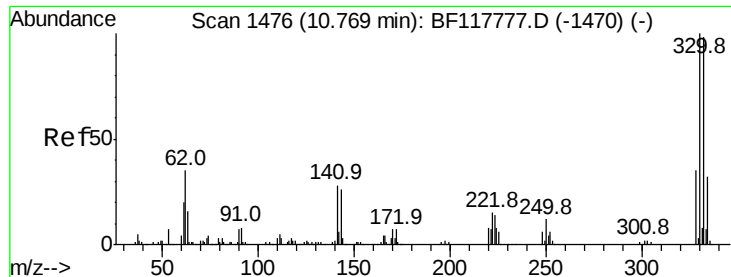
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF118053.D
 Acq: 27 Nov 2019 20:55

Tgt Ion	164	Resp	231825
Ion Ratio	Lower	Upper	
164	100		
162	98.1	81.3	121.9
160	44.0	36.6	55.0



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: 10.340 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

Instrument :

BNA_F

ClientSampleId :

IDLEWILD-BH-01B

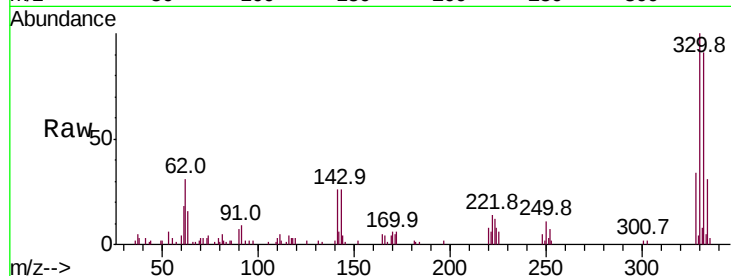
Tot Ion:330 Resp: 25377

Ion Ratio Lower Upper

330 100

332 97.2 76.7 115.1

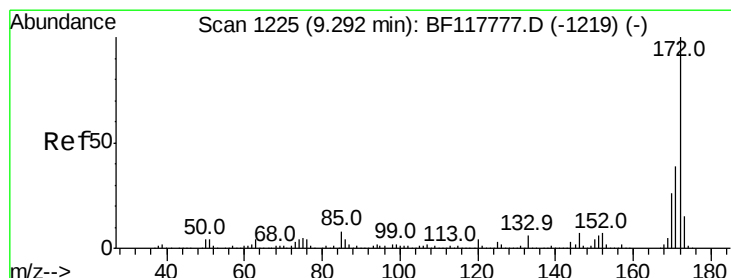
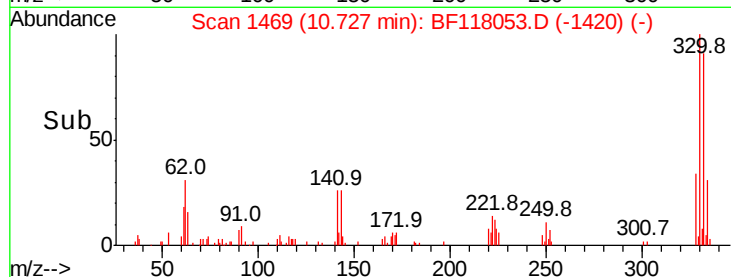
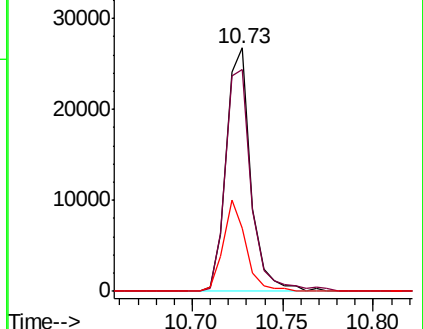
141 34.4 27.7 41.5



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: 9.095 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

Lab File: BF118053.D

Acq: 27 Nov 2019 20:55

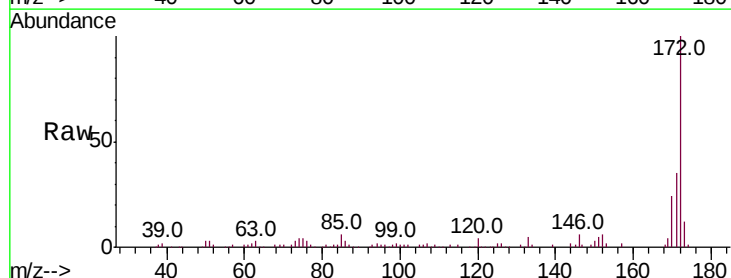
Tgt Ion:172 Resp: 117525

Ion Ratio Lower Upper

172 100

171 34.5 30.9 46.3

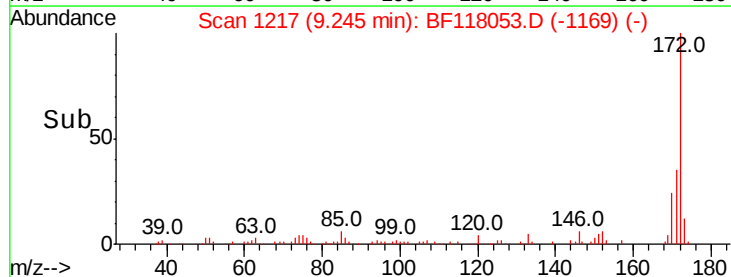
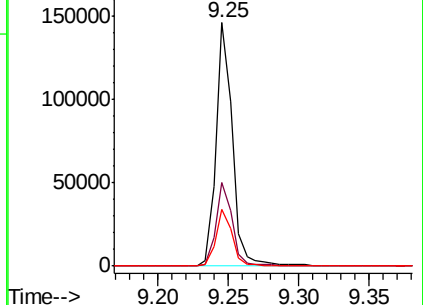
170 23.5 21.0 31.4

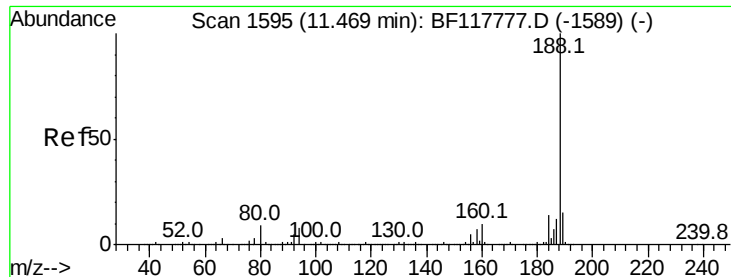


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

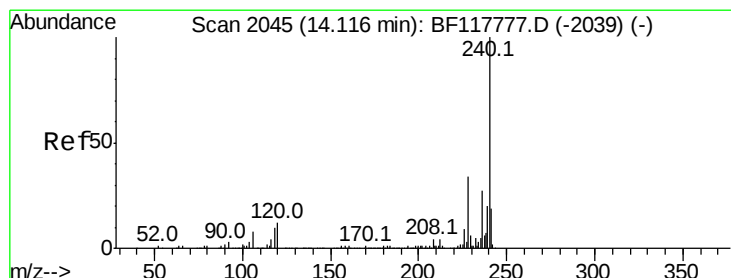
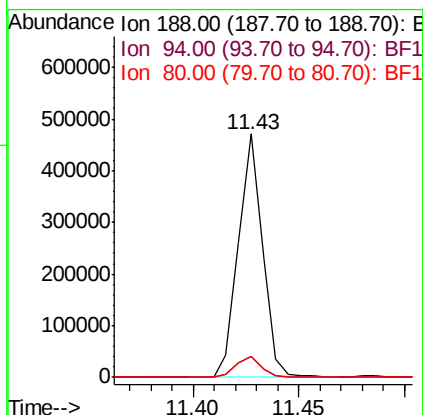
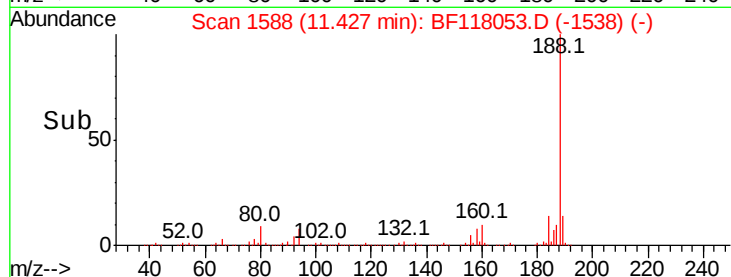
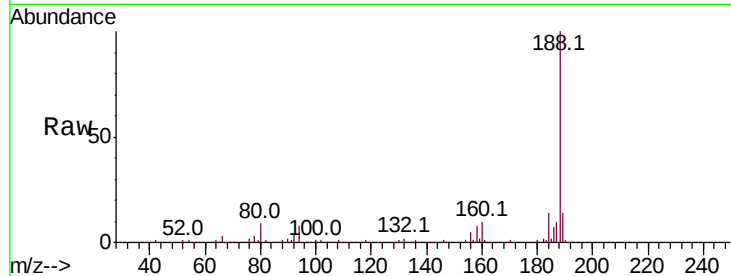




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118053.D
Acq: 27 Nov 2019 20:55

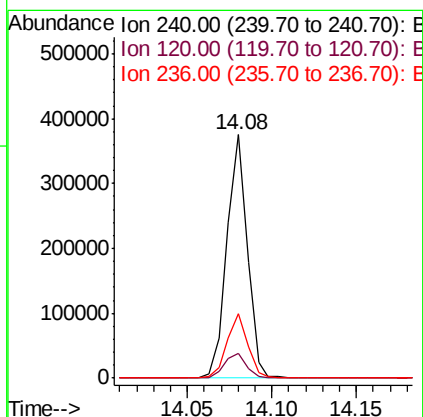
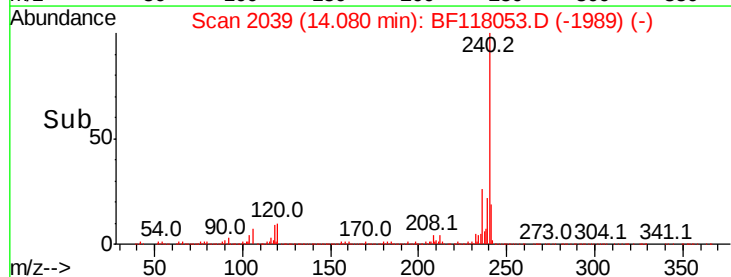
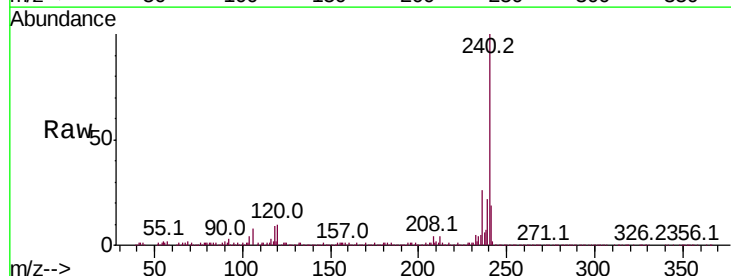
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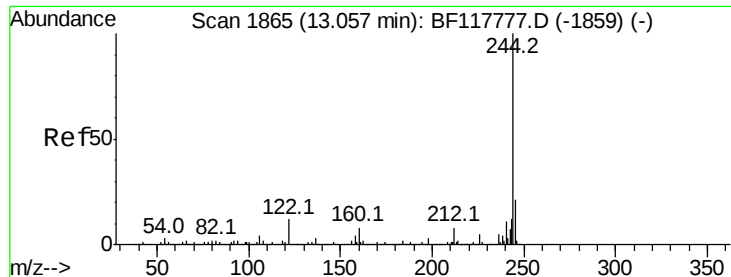
Tot Ion:188 Resp: 372728
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF118053.D
Acq: 27 Nov 2019 20:55

Tgt Ion:240 Resp: 314844
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.3 21.3 31.9

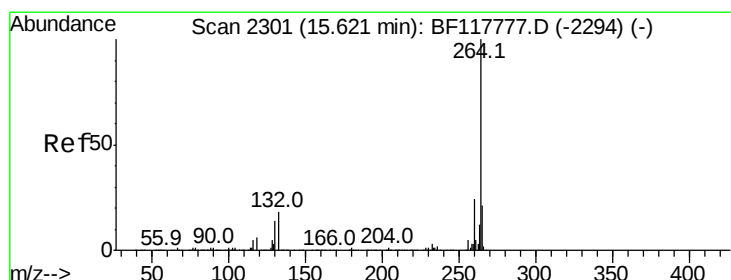
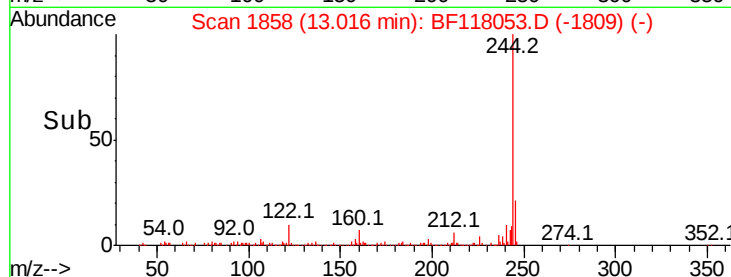
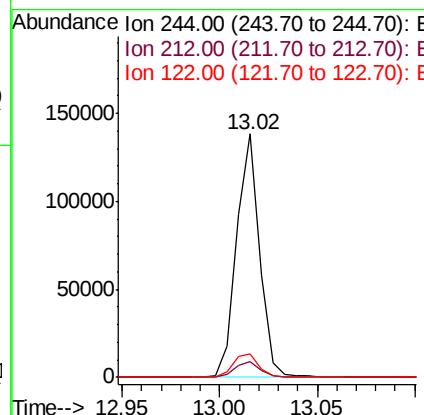
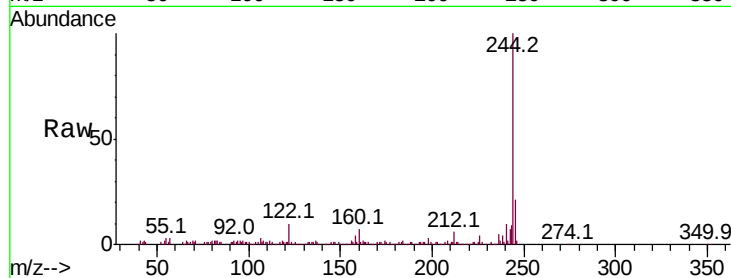




#79
 Terphenyl-d14
 Concen: 6.527 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BF118053.D
 Acq: 27 Nov 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-01B

Tot Ion:244 Resp: 112443
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.3 9.5#
 122 9.6 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF118053.D
 Acq: 27 Nov 2019 20:55

Tgt Ion:264 Resp: 292148
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.3 17.1 25.7

