

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
 Data File : BF119653.D
 Acq On : 31 Mar 2020 15:53
 Operator : MA/SJ
 Sample : L2049-03RE 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(1-3)RE

Quant Time: Mar 31 16:42:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	353865	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1339043	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	655959	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1054579	20.00	ng	0.00
76) Chrysene-d12	14.01	240	594592	20.00	ng	0.00
87) Perylene-d12	15.47	264	594440	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	100205	4.51	ng	-0.01
7) Phenol-d6	6.44	99	134992	4.75	ng	-0.02
23) Nitrobenzene-d5	7.38	82	81991	3.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	26568	3.93	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	185017	4.18	ng	0.00
79) Terphenyl-d14	12.95	244	146965	4.84	ng	-0.01

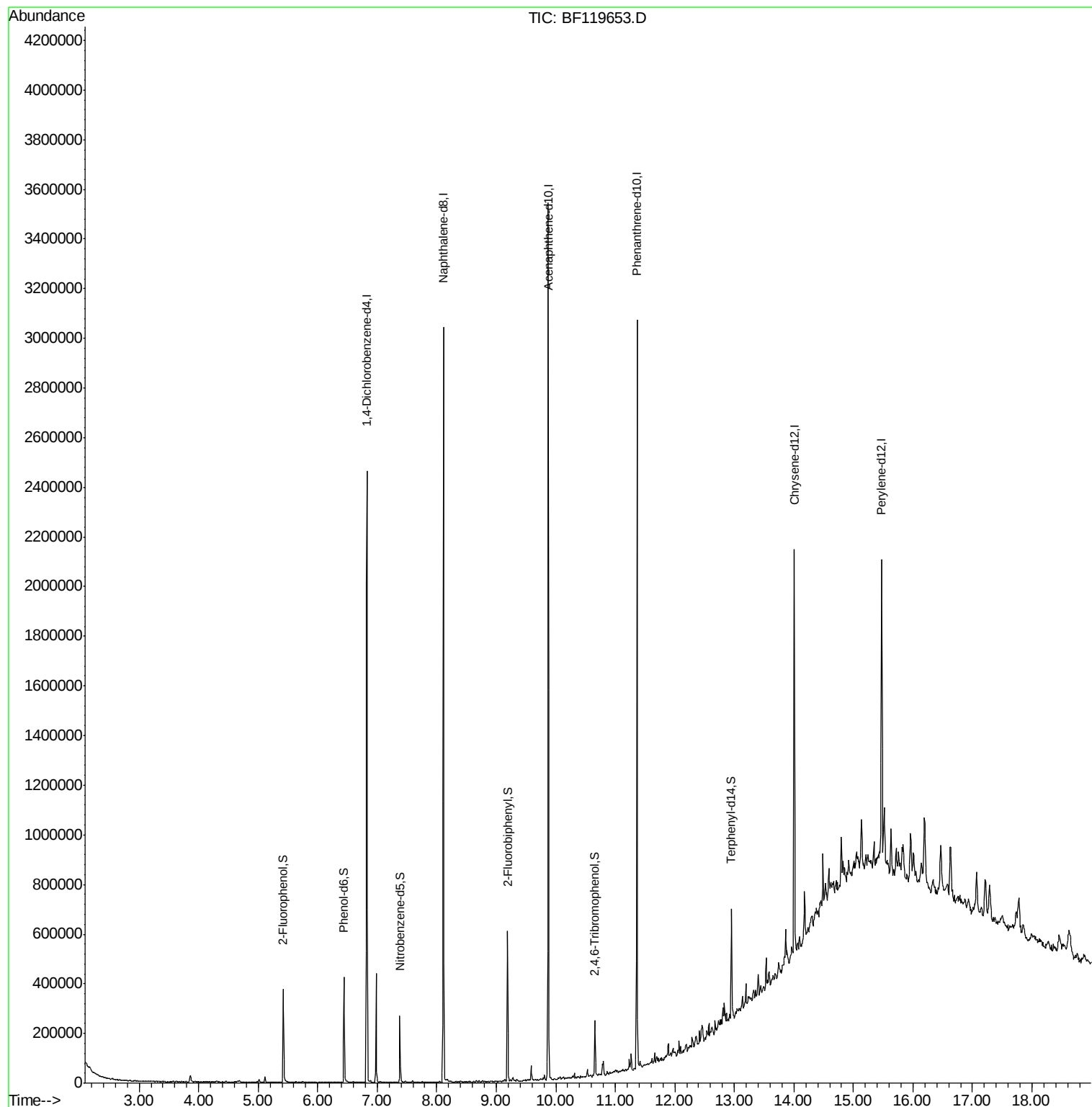
Target Compounds	Qvalue
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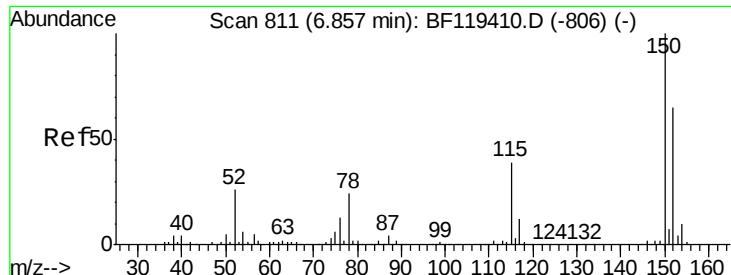
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF119653.D

Acq: 31 Mar 2020 15:53

Instrument :

BNA_F

ClientSampleId :

SB-5-(1-3)RE

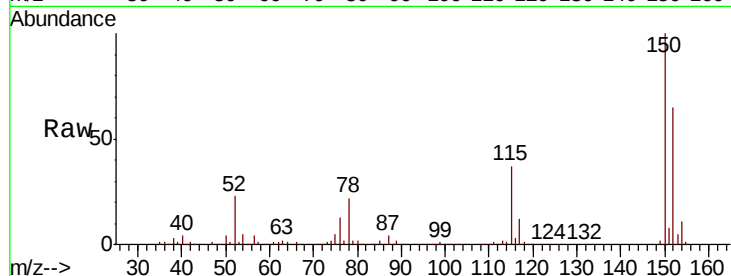
Tot Ion:152 Resp: 353865

Ion Ratio Lower Upper

152 100

150 154.6 124.5 186.7

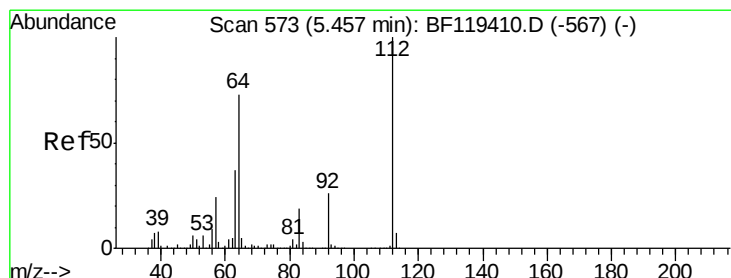
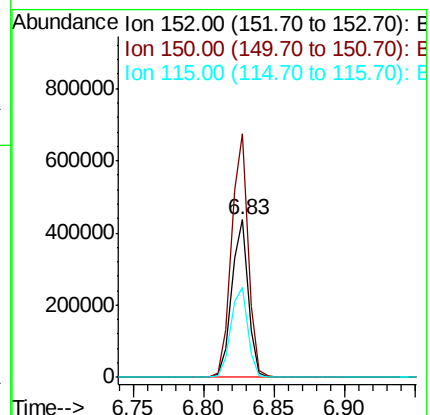
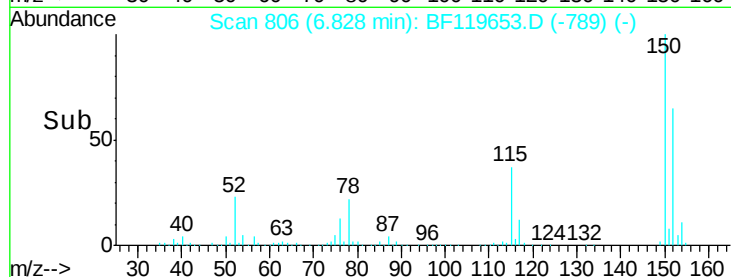
115 56.9 49.6 74.4



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: 4.508 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF119653.D

Acq: 31 Mar 2020 15:53

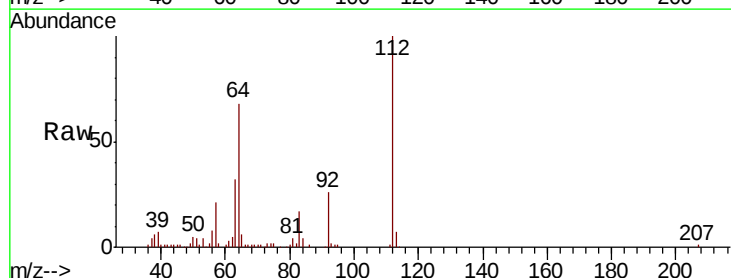
Tgt Ion:112 Resp: 100205

Ion Ratio Lower Upper

112 100

64 68.3 56.7 85.1

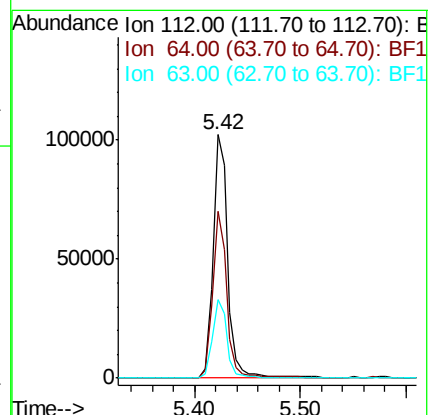
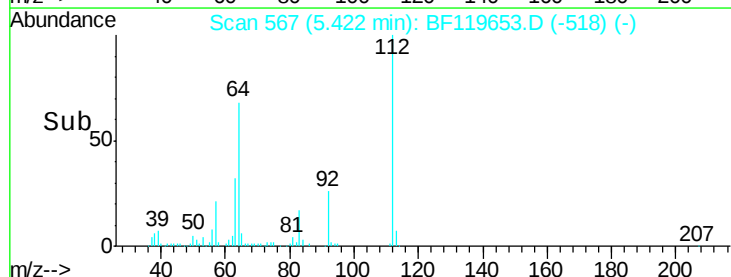
63 32.2 29.5 44.3

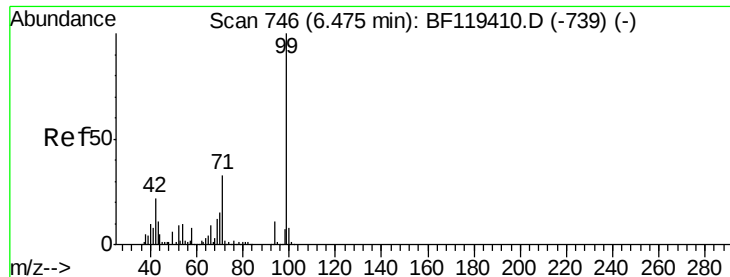


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 4.754 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF119653.D

Acq: 31 Mar 2020 15:53

Instrument :

BNA_F

ClientSampleId :

SB-5-(1-3)RE

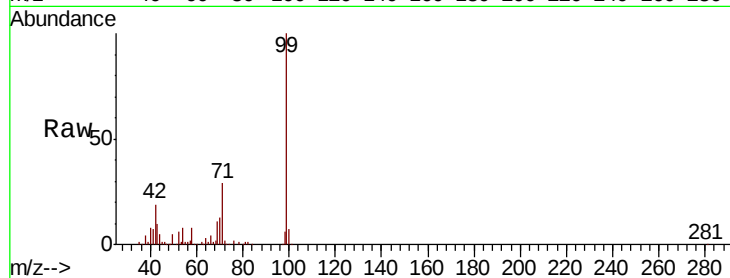
Tot Ion: 99 Resp: 134992

Ion Ratio Lower Upper

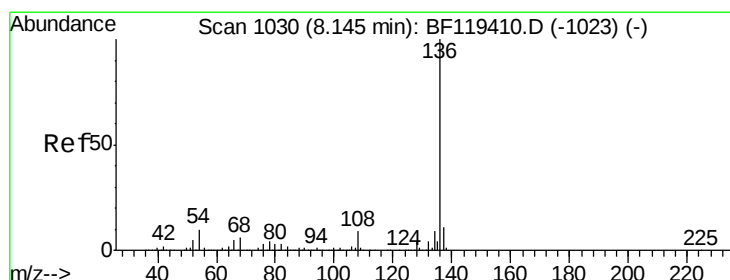
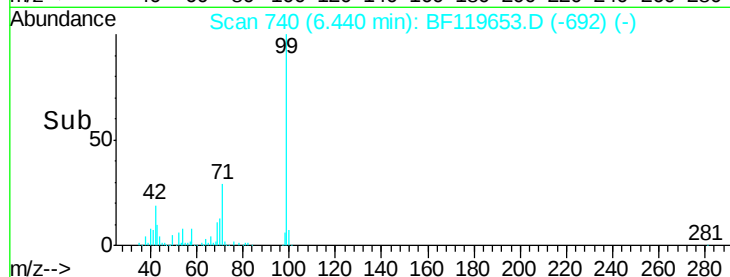
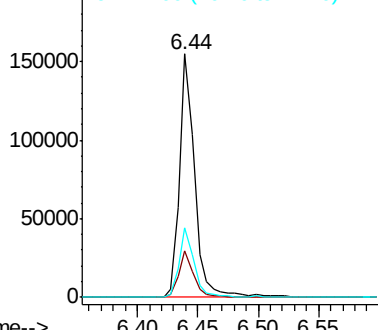
99 100

42 19.0 16.6 24.8

71 28.5 26.4 39.6



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF119653.D

Acq: 31 Mar 2020 15:53

Tgt Ion: 136 Resp: 1339043

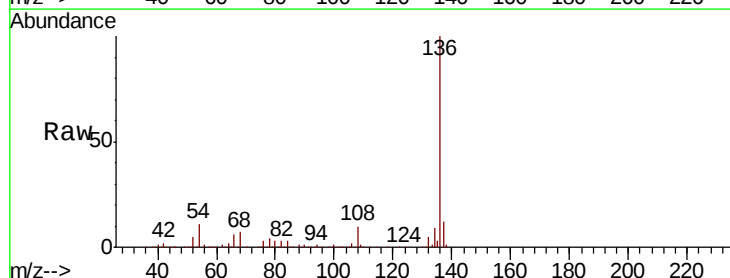
Ion Ratio Lower Upper

136 100

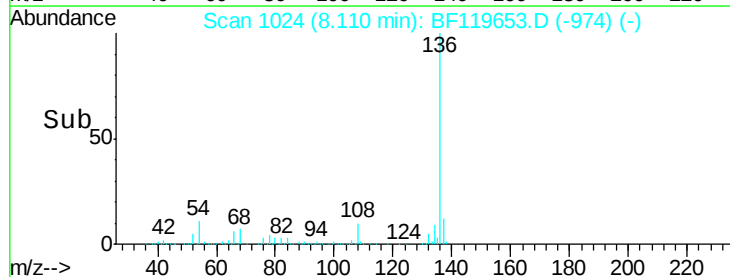
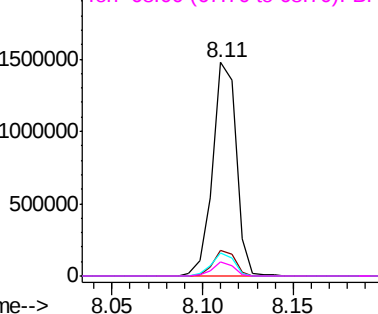
137 11.7 8.7 13.1

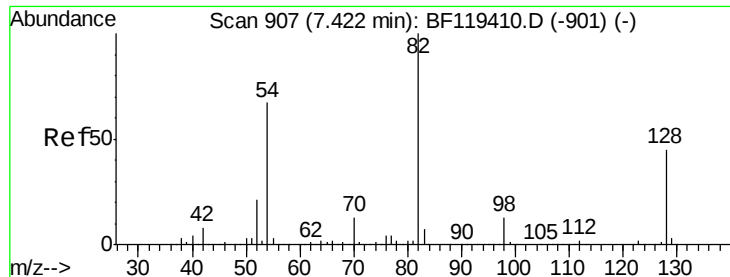
54 11.0 9.1 13.7

68 6.7 4.6 6.8



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

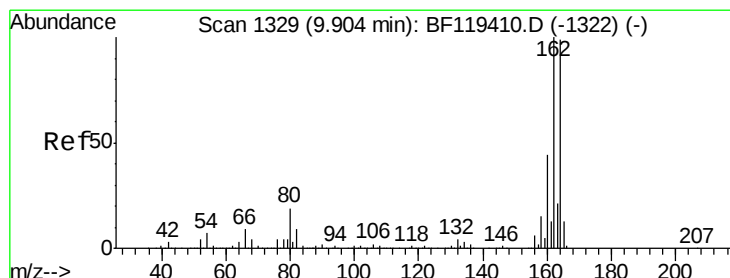
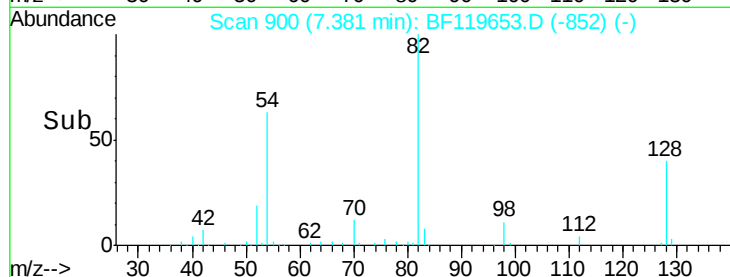
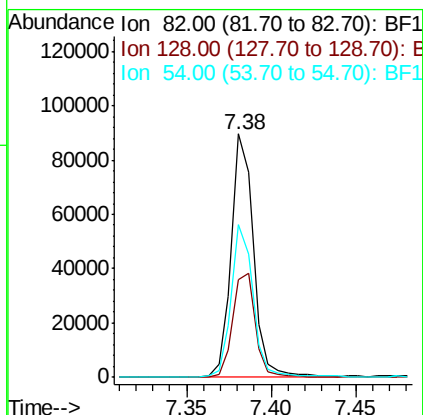
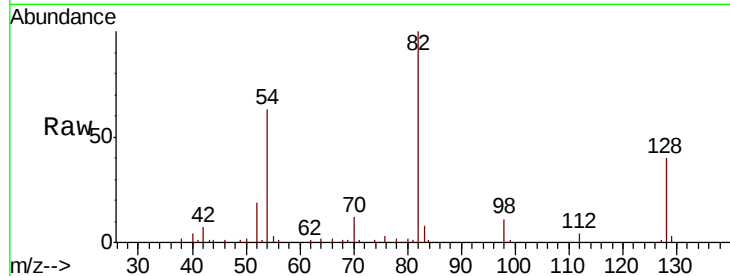




#23
 Nitrobenzene-d5
 Concen: 3.328 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

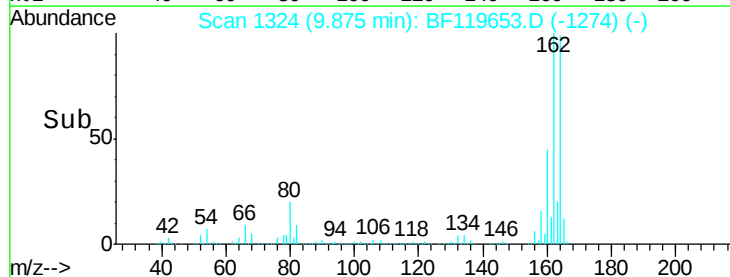
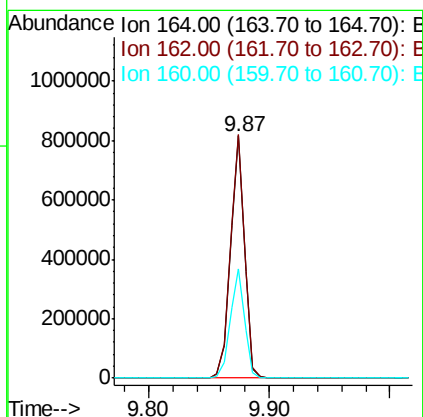
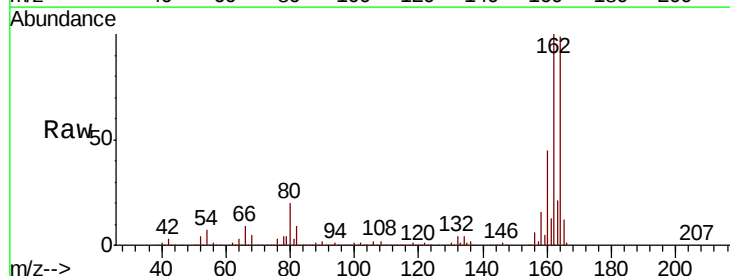
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(1-3)RE

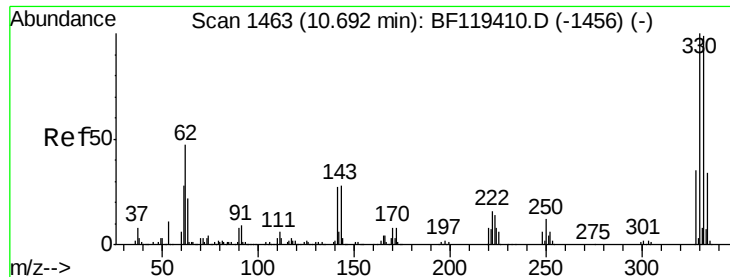
Tot Ion: 82 Resp: 81991
 Ion Ratio Lower Upper
 82 100
 128 40.1 36.3 54.5
 54 62.9 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

Tgt Ion: 164 Resp: 655959
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.6 121.0
 160 45.1 35.7 53.5

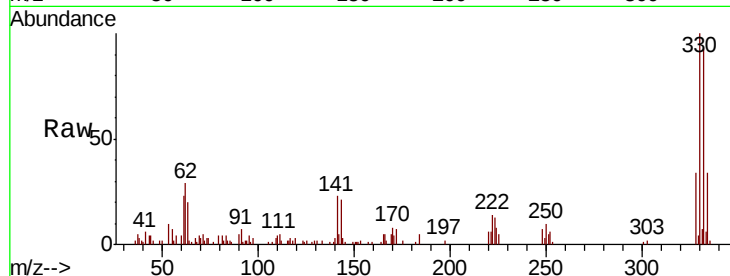




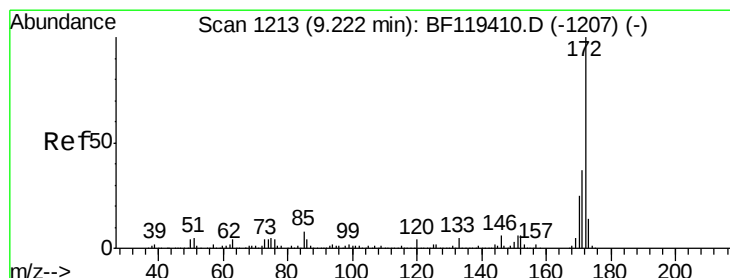
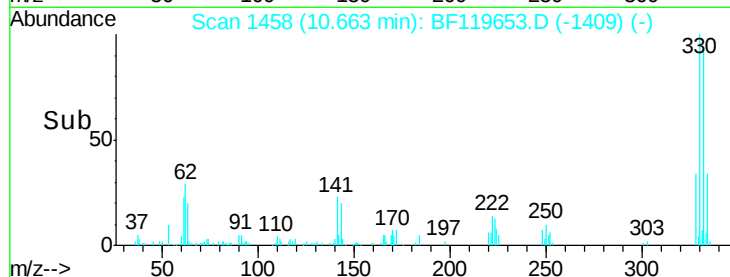
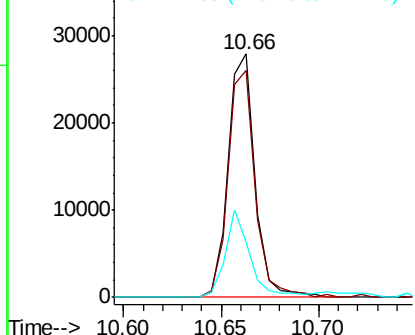
#42
 2,4,6-Tribromophenol
 Concen: 3.926 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(1-3)RE

Tot Ion:330 Resp: 26568
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.7 113.5
 141 32.7 25.4 38.0

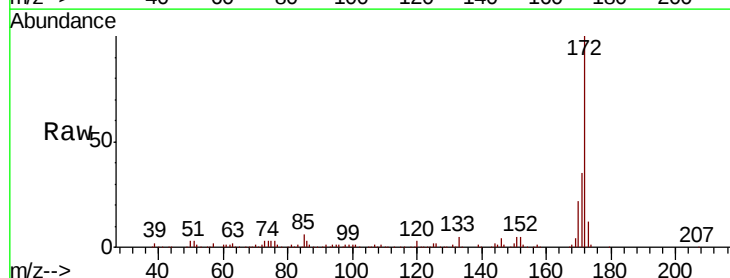


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

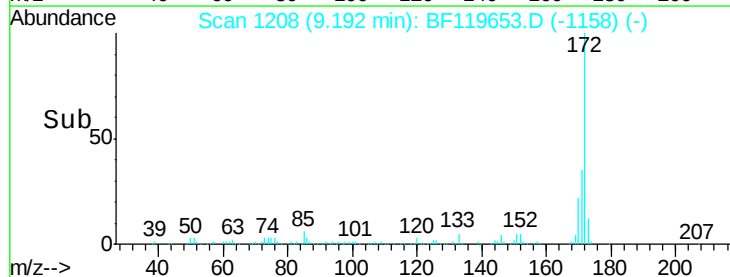
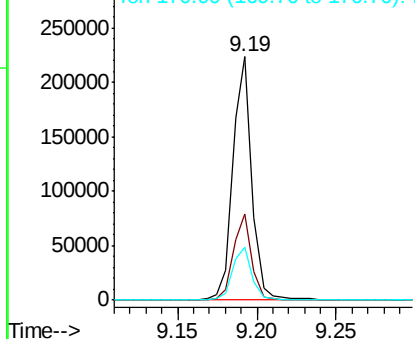


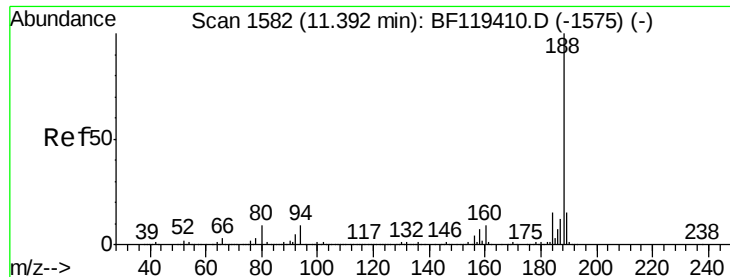
#45
 2-Fluorobiphenyl
 Concen: 4.179 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

Tgt Ion:172 Resp: 185017
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 21.5 20.2 30.2



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

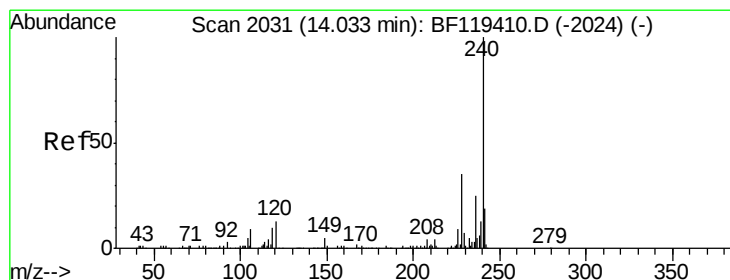
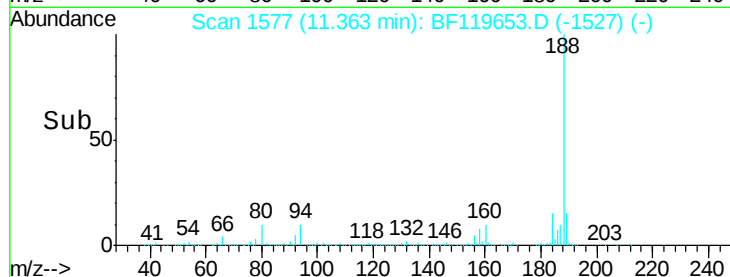
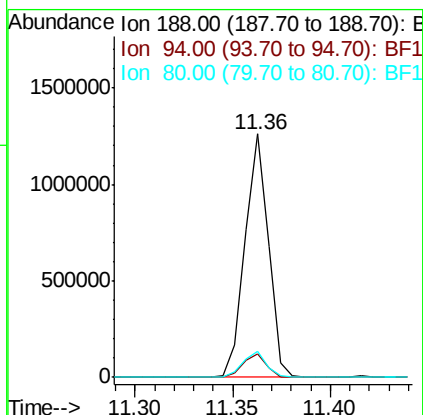
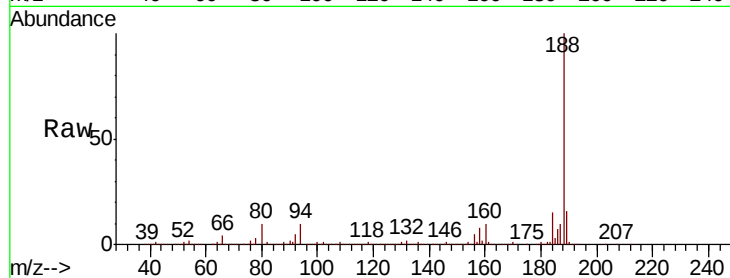




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119653.D
Acq: 31 Mar 2020 15:53

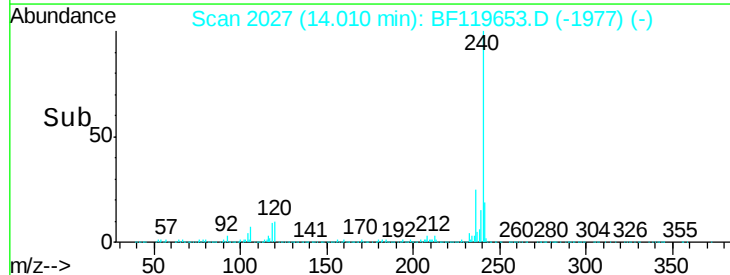
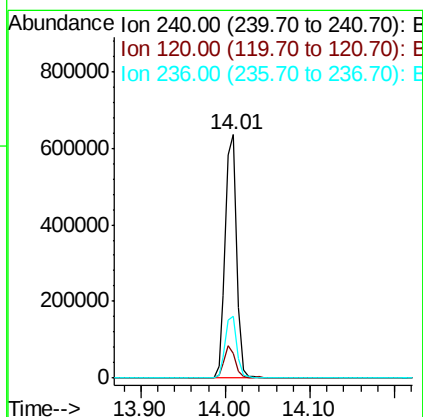
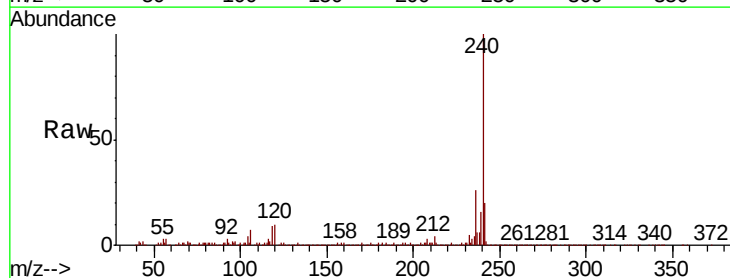
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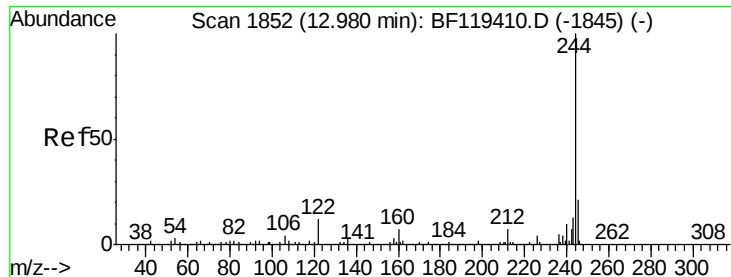
Tot Ion:188 Resp: 1054579
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119653.D
Acq: 31 Mar 2020 15:53

Tgt Ion:240 Resp: 594592
Ion Ratio Lower Upper
240 100
120 10.4 10.6 15.8#
236 25.6 20.2 30.2

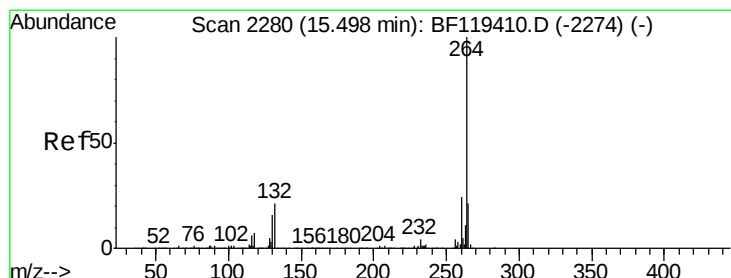
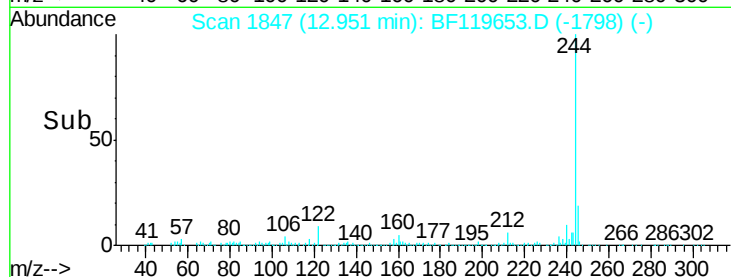
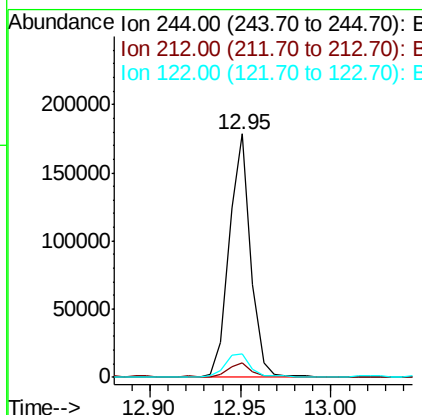
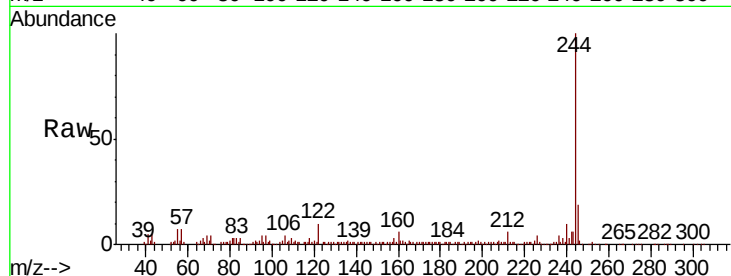




#79
 Terphenyl-d14
 Concen: 4.843 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(1-3)RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	9.5	10.3	15.5#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BF119653.D
 Acq: 31 Mar 2020 15:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.9	17.7	26.5

