

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114593.D
 Acq On : 25 May 2019 1:48
 Operator : JU/SJ
 Sample : K2643-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-052319-B

Quant Time: May 26 23:10:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	147460	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	559730	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	270783	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	561555	20.00	ng	0.00
76) Chrysene-d12	13.98	240	396307	20.00	ng	0.00
87) Perylene-d12	15.44	264	387767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1042664	113.79	ng	0.01
7) Phenol-d6	6.46	99	1247657	115.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	875858	87.82	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	365691	130.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1600547	89.41	ng	0.00
79) Terphenyl-d14	12.92	244	1768571	91.99	ng	0.00

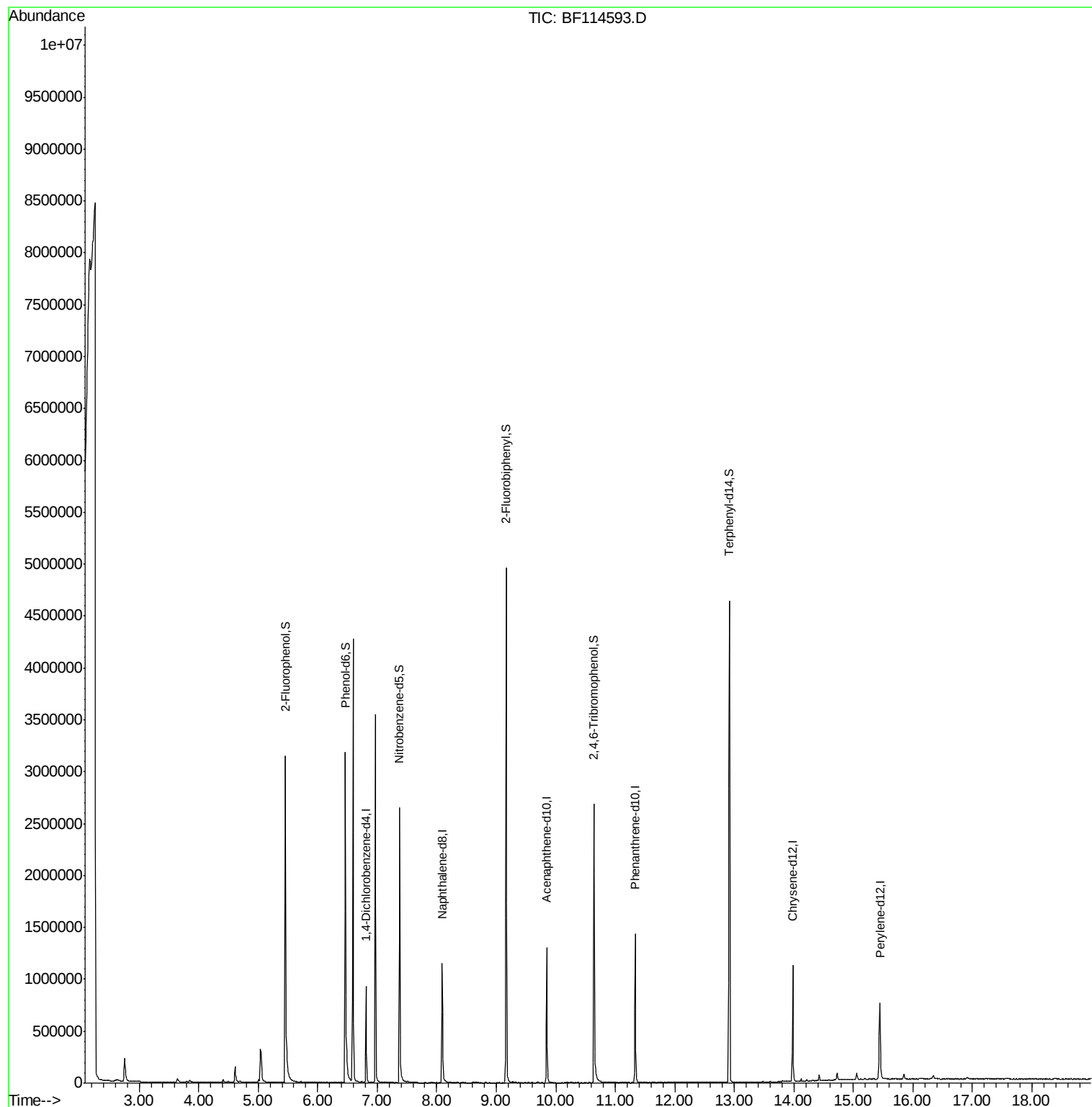
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF114593.D

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Instrument :

BNA_F

ClientSampleId :

OR-03-052319-B

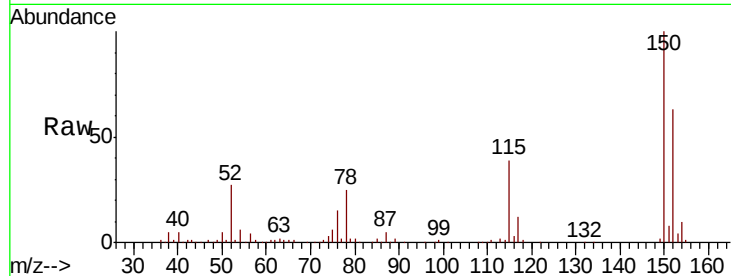
Tot Ion:152 Resp: 147460

Ion Ratio Lower Upper

152 100

150 158.5 124.3 186.5

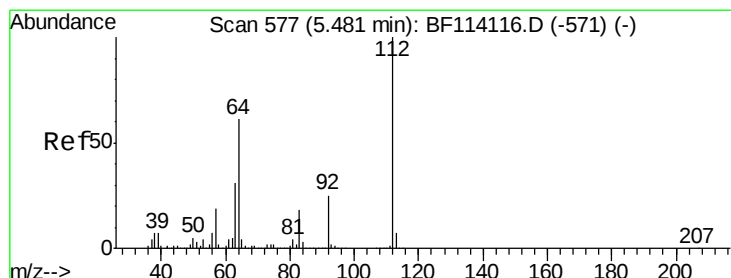
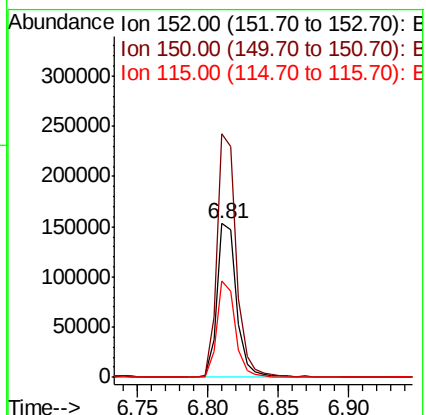
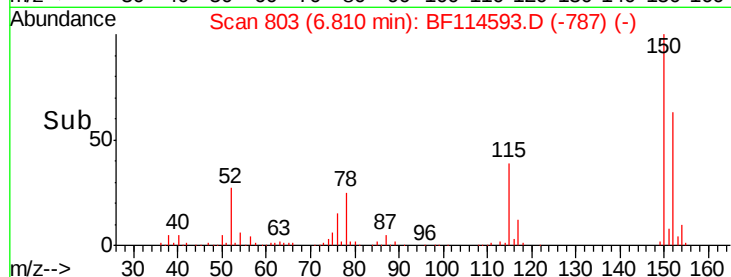
115 62.5 49.1 73.7



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: 113.788 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF114593.D

Acq: 25 May 2019 1:48

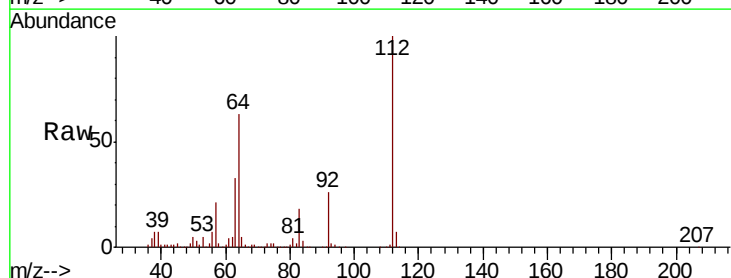
Tgt Ion:112 Resp: 1042664

Ion Ratio Lower Upper

112 100

64 63.3 49.0 73.6

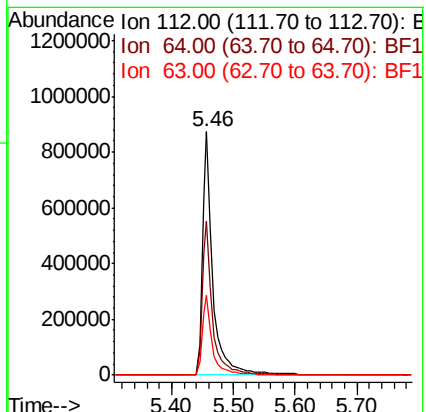
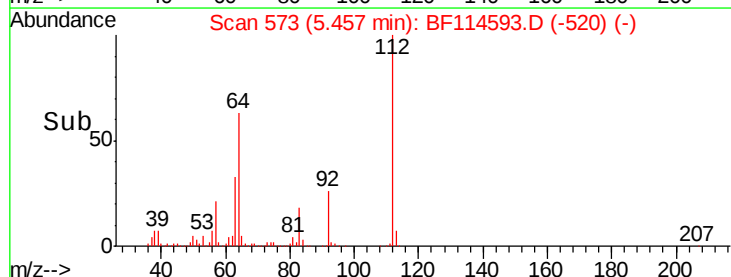
63 32.9 24.6 37.0



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: 115.123 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114593.D

Acq: 25 May 2019 1:48

Instrument :

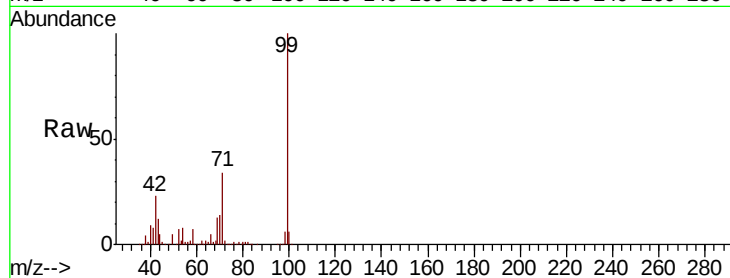
BNA_F

ClientSampleId :

OR-03-052319-B

Tot Ion: 99 Resp: 1247657

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	34.3	26.2	39.2

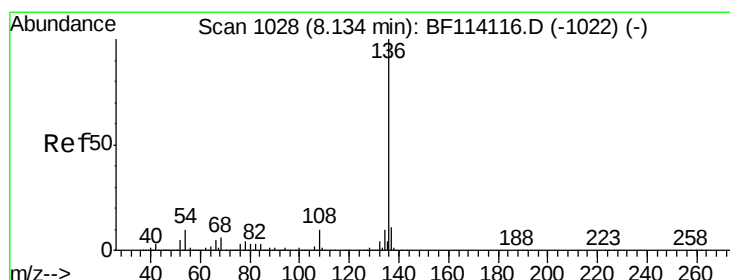
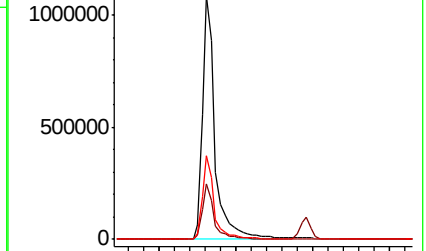
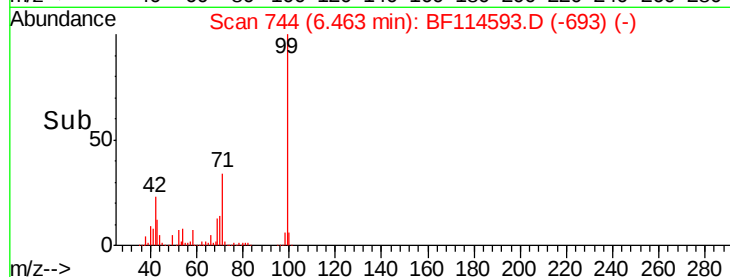


Abundance

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: 8.09 min Scan# 1021

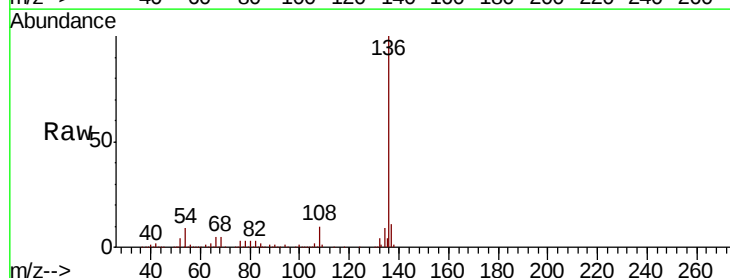
Delta R.T. -0.01 min

Lab File: BF114593.D

Acq: 25 May 2019 1:48

Tgt Ion: 136 Resp: 559730

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.8	7.8	11.8
68	5.4	5.1	7.7



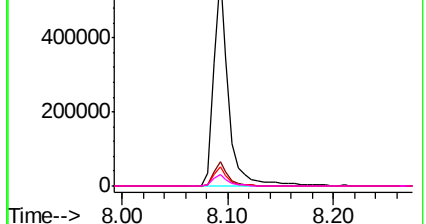
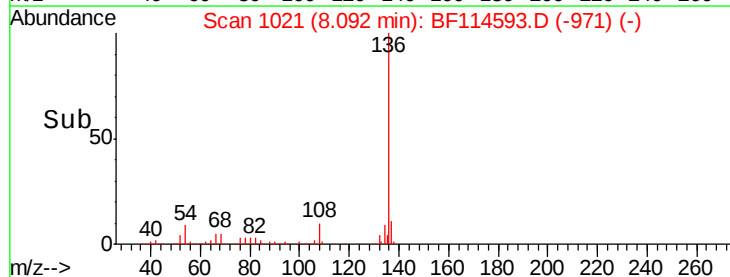
Abundance

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

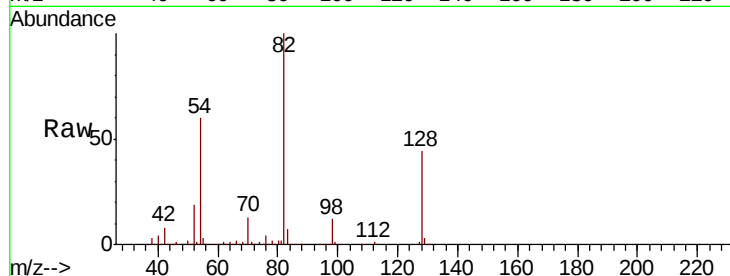




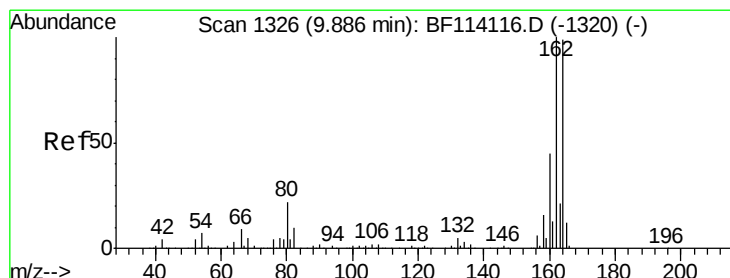
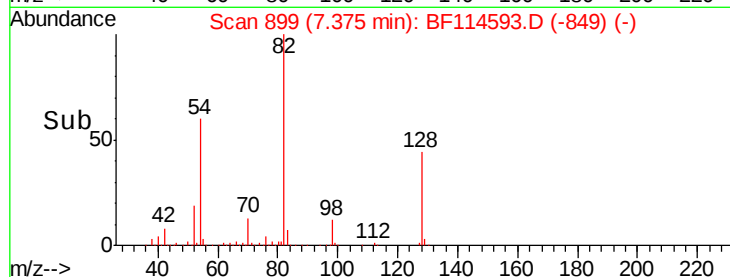
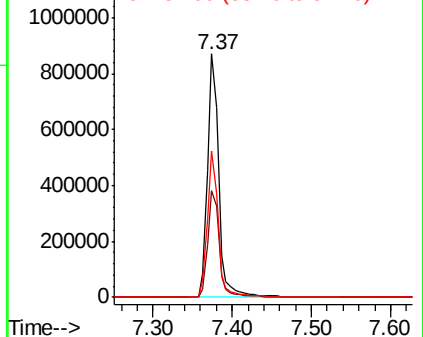
#23
Nitrobenzene-d5
Concen: 87.816 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114593.D
Acq: 25 May 2019 1:48

Instrument :
BNA_F
ClientSampleId :
OR-03-052319-B

Tot Ion: 82 Resp: 875858
Ion Ratio Lower Upper
82 100
128 44.0 35.5 53.3
54 60.2 48.5 72.7

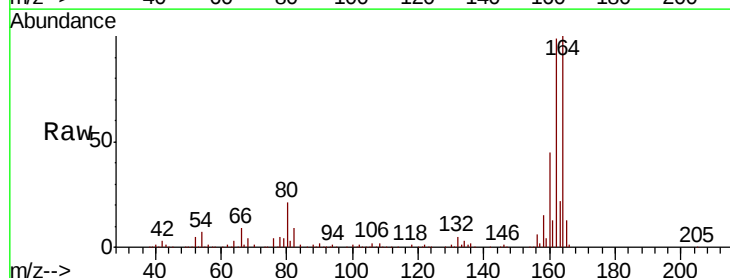


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

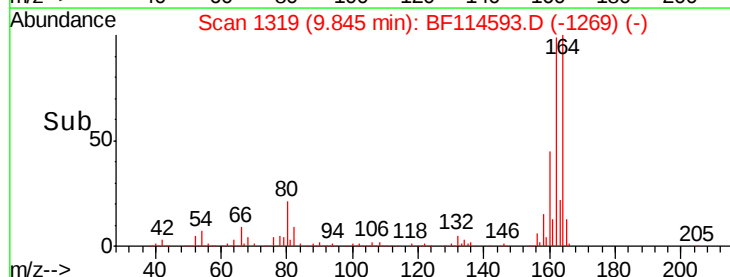
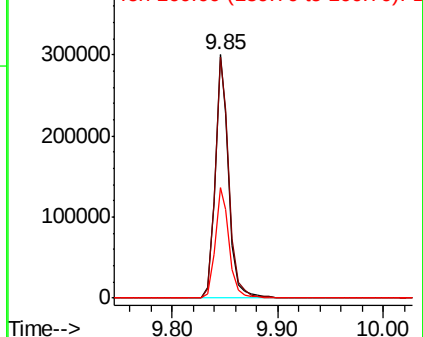


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114593.D
Acq: 25 May 2019 1:48

Tgt Ion:164 Resp: 270783
Ion Ratio Lower Upper
164 100
162 99.1 80.6 120.8
160 45.4 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

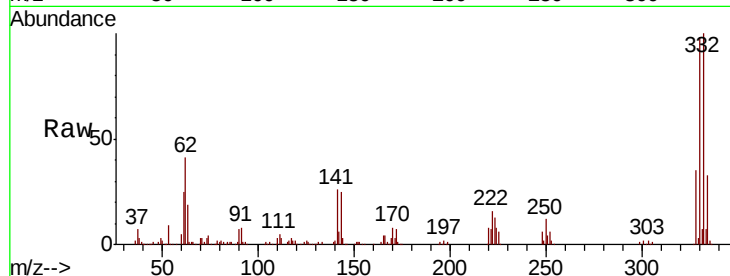




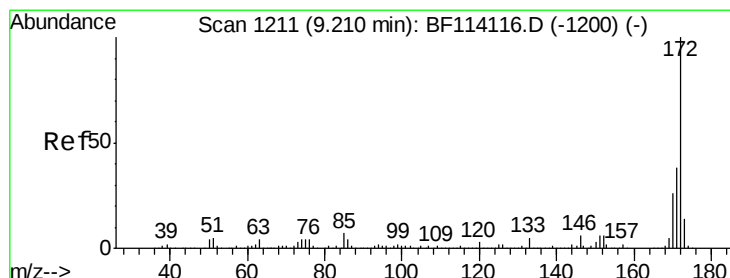
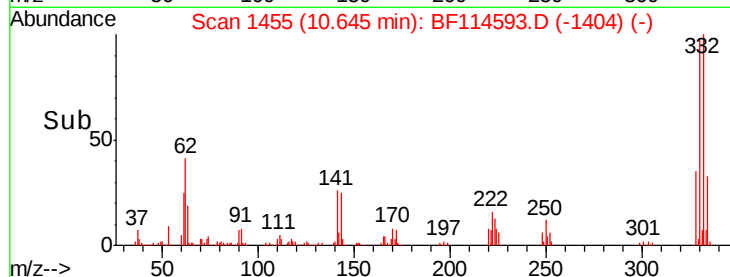
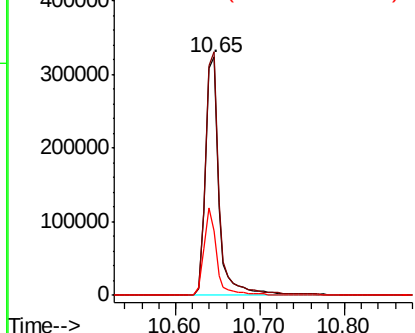
#42
 2,4,6-Tribromophenol
 Concen: 130.630 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114593.D
 Acq: 25 May 2019 1:48

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-052319-B

Tot Ion:330 Resp: 365691
 Ion Ratio Lower Upper
 330 100
 332 102.8 81.4 122.2
 141 34.2 26.6 40.0

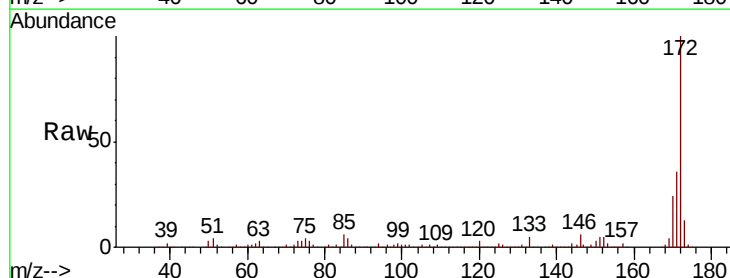


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

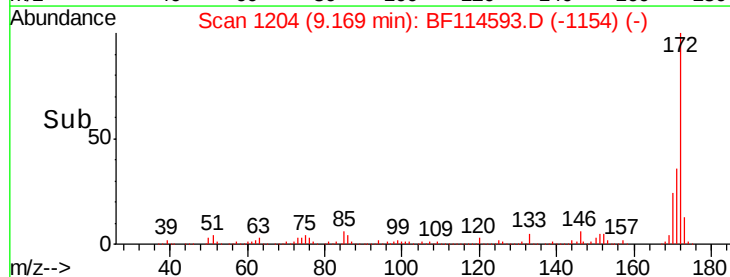
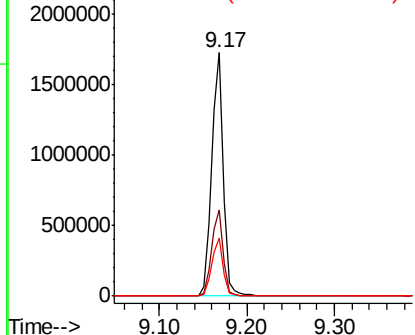


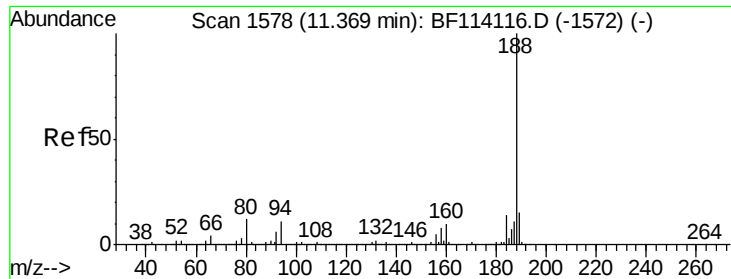
#45
 2-Fluorobiphenyl
 Concen: 89.411 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114593.D
 Acq: 25 May 2019 1:48

Tgt Ion:172 Resp: 1600547
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.7 46.1
 170 23.7 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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114593.D

Acq: 25 May 2019 1:48

Instrument :

BNA_F

ClientSampleId :

OR-03-052319-B

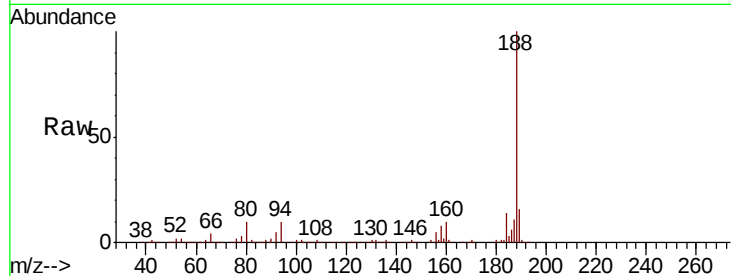
Tot Ion:188 Resp: 561555

Ion Ratio Lower Upper

188 100

94 9.5 8.4 12.6

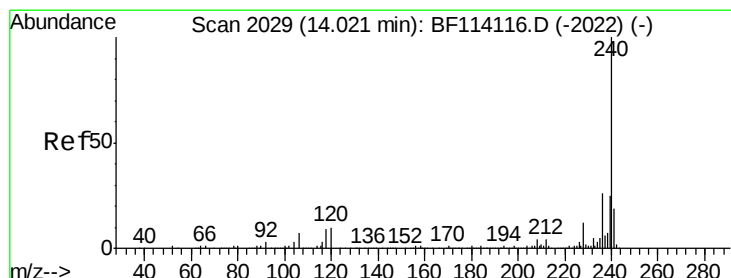
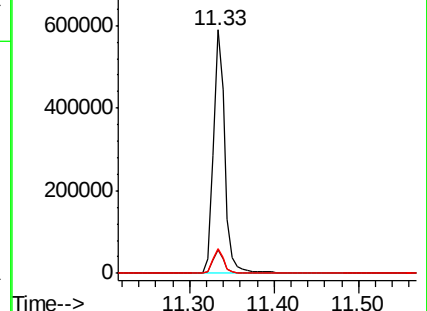
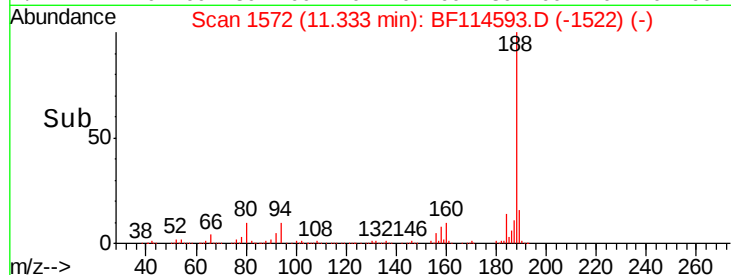
80 10.2 9.2 13.8



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114593.D

Acq: 25 May 2019 1:48

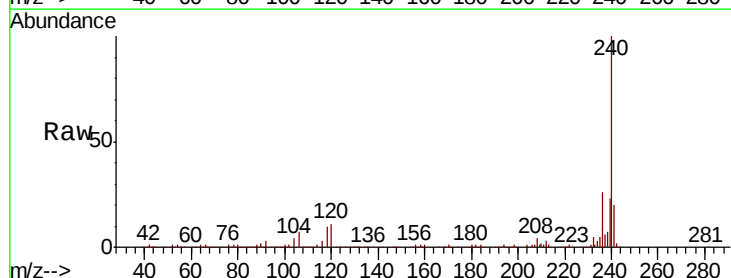
Tgt Ion:240 Resp: 396307

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

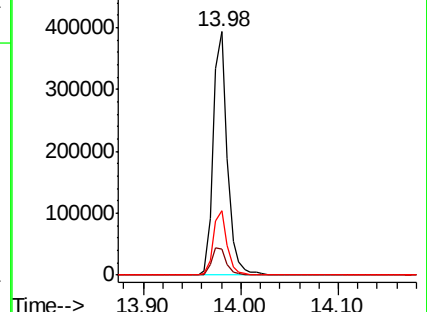
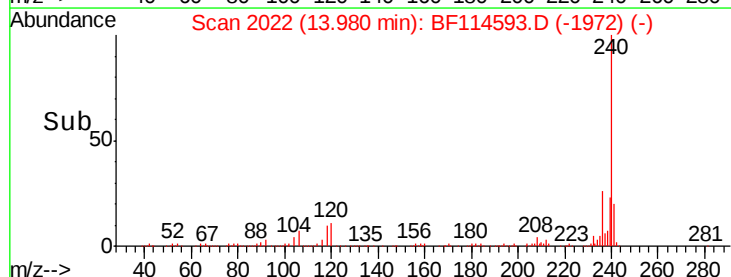
236 26.3 20.8 31.2

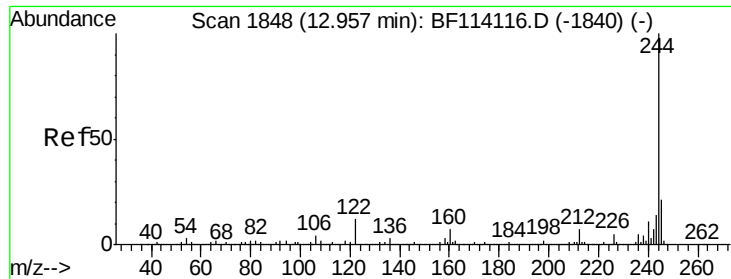


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

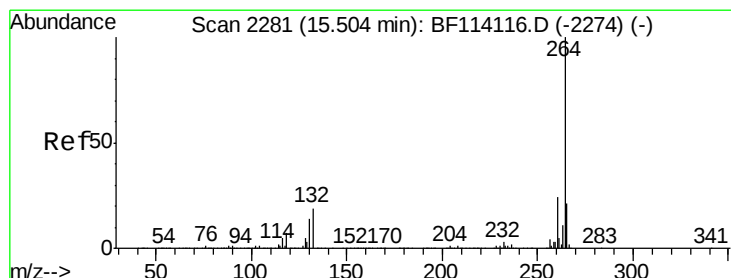
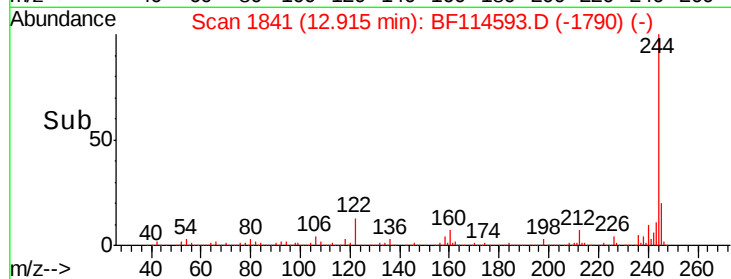
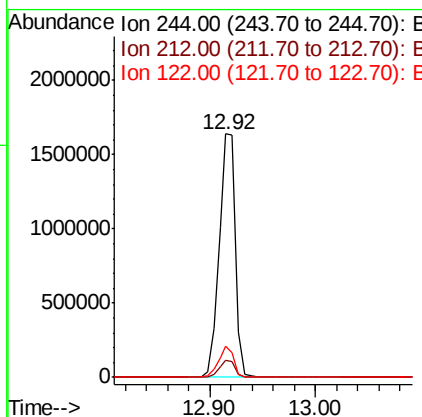
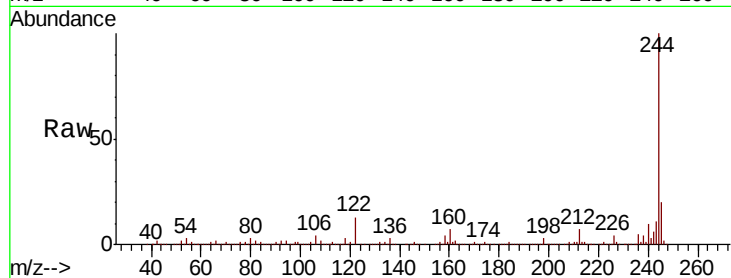




#79
 Terphenyl-d14
 Concen: 91.994 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114593.D
 Acq: 25 May 2019 1:48

Instrument :
 BNA_F
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 OR-03-052319-B

Tot Ion:244 Resp: 1768571
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.0 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114593.D
 Acq: 25 May 2019 1:48

Tgt Ion:264 Resp: 387767
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 20.8 16.9 25.3

