

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114591.D
 Acq On : 25 May 2019 00:56
 Operator : JU/SJ
 Sample : K3026-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Quant Time: May 25 01:59:24 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	144620	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	546266	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	259589	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	533079	20.00	ng	0.00
76) Chrysene-d12	13.98	240	358596	20.00	ng	0.00
87) Perylene-d12	15.44	264	361974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	762409	84.84	ng	0.01
7) Phenol-d6	6.46	99	896932	84.39	ng	0.00
23) Nitrobenzene-d5	7.37	82	792771	81.44	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	269622	100.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1452556	84.64	ng	0.00
79) Terphenyl-d14	12.92	244	1572466	90.40	ng	0.00

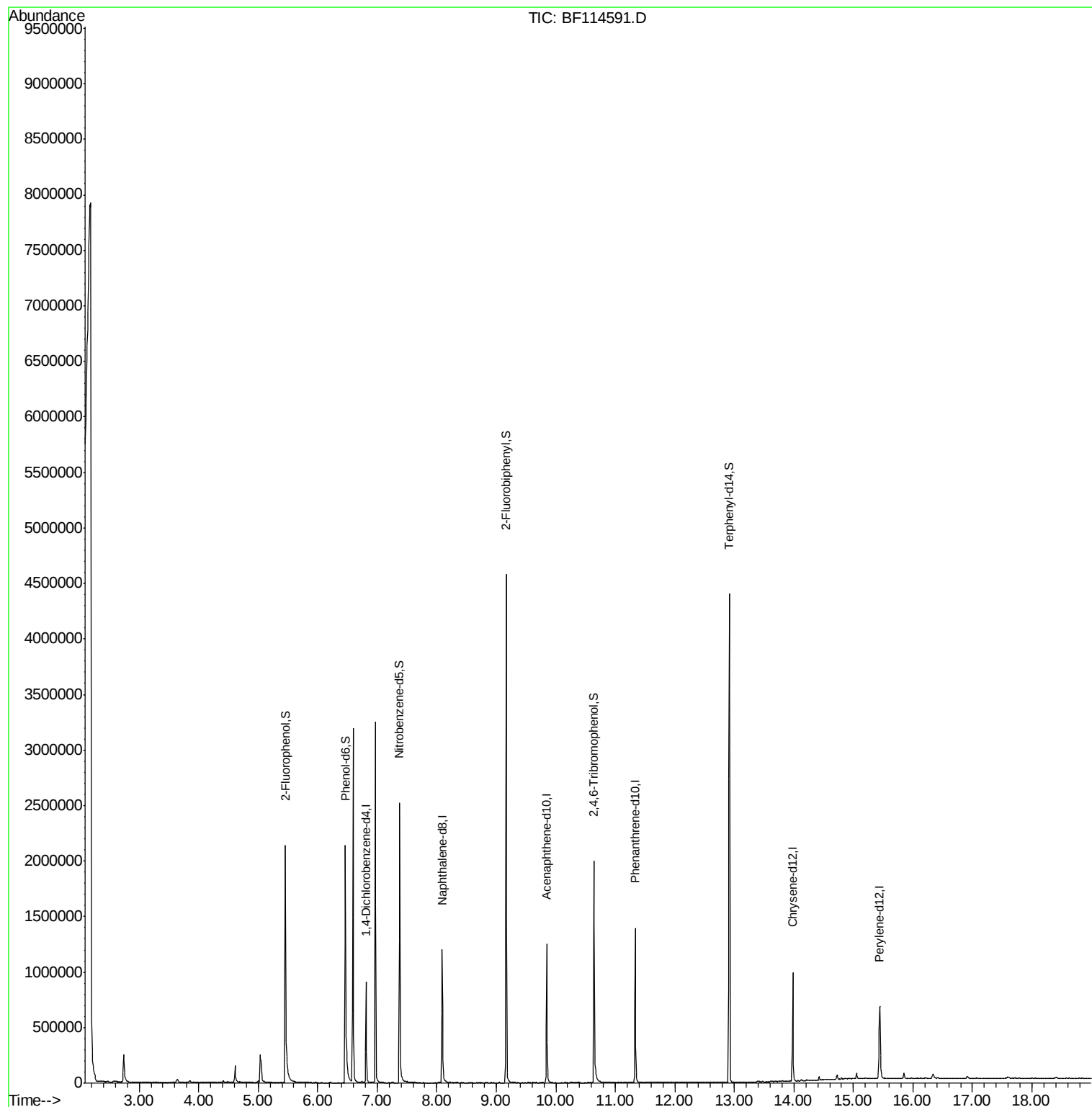
Target Compounds Qvalue

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

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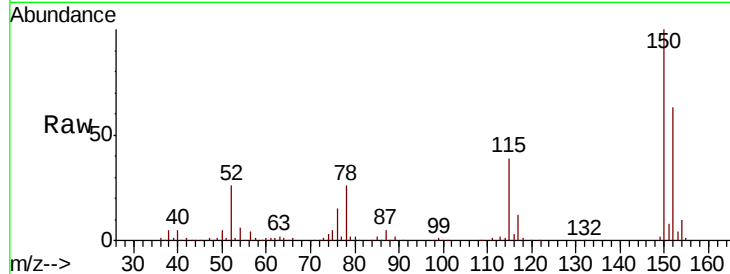


#1

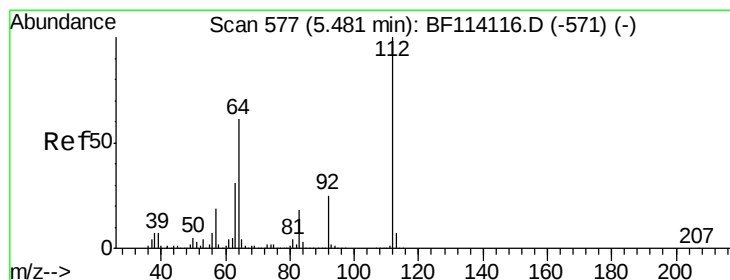
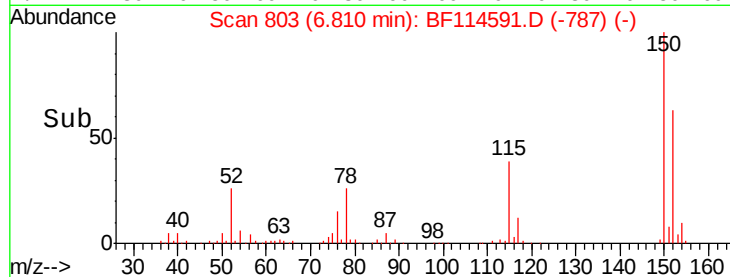
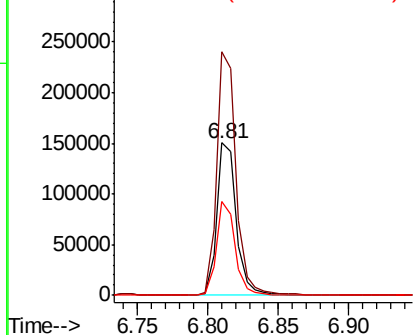
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114591.D
Acq: 25 May 2019 00:56

Instrument :
BNA_F
ClientSampleId :
TP-5-D

Tot Ion:152 Resp: 144620
Ion Ratio Lower Upper
152 100
150 159.7 124.3 186.5
115 61.8 49.1 73.7



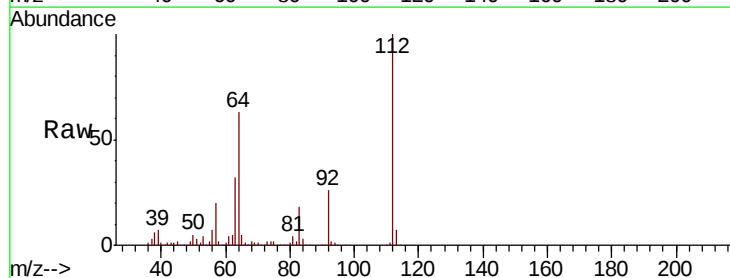
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



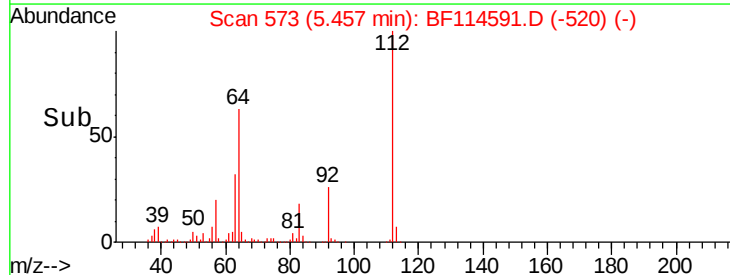
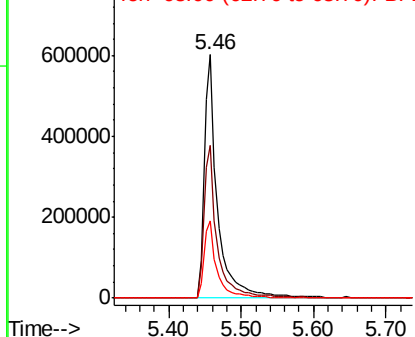
#5

2-Fluorophenol
Concen: 84.837 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114591.D
Acq: 25 May 2019 00:56

Tgt Ion:112 Resp: 762409
Ion Ratio Lower Upper
112 100
64 62.8 49.0 73.6
63 31.7 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: 84.386 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114591.D

Acq: 25 May 2019 00:56

Instrument :

BNA_F

ClientSampleId :

TP-5-D

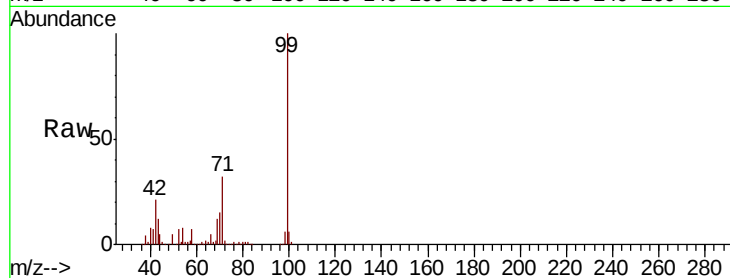
Tot Ion: 99 Resp: 896932

Ion Ratio Lower Upper

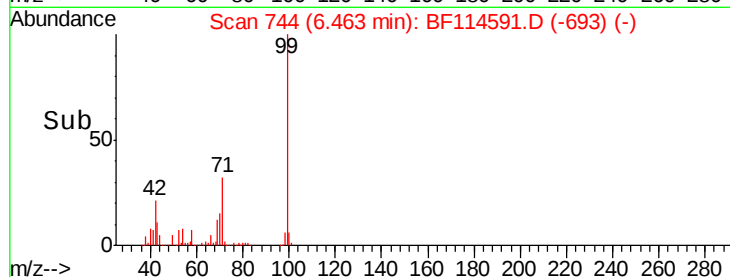
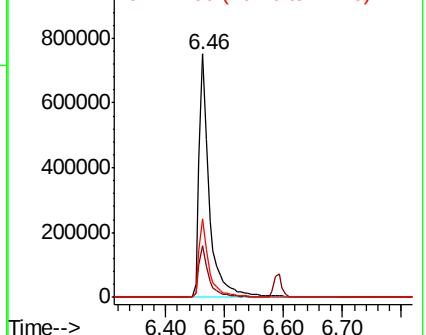
99 100

42 21.4 17.9 26.9

71 32.3 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: BF114591.D

Acq: 25 May 2019 00:56

Tgt Ion: 136 Resp: 546266

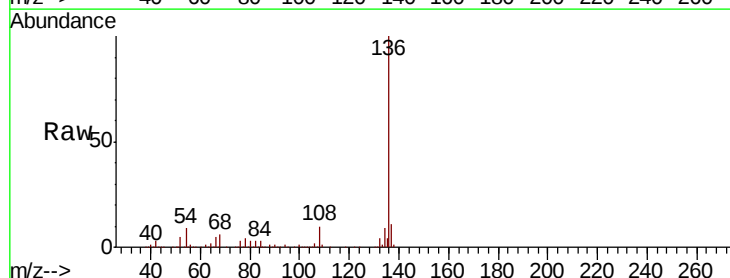
Ion Ratio Lower Upper

136 100

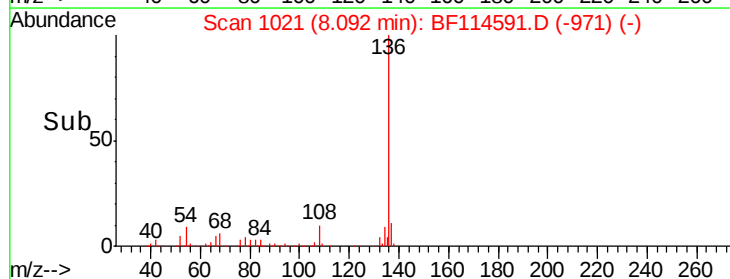
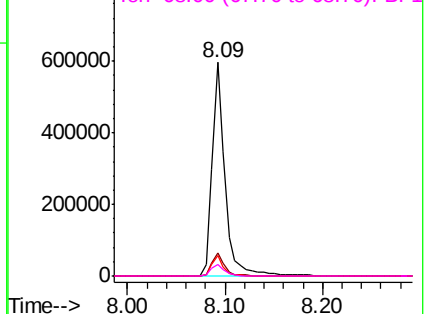
137 10.9 8.8 13.2

54 9.5 7.8 11.8

68 5.5 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

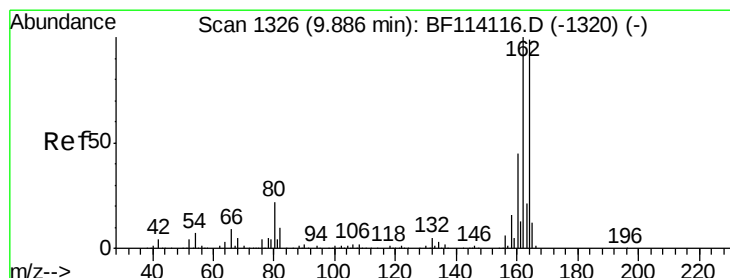
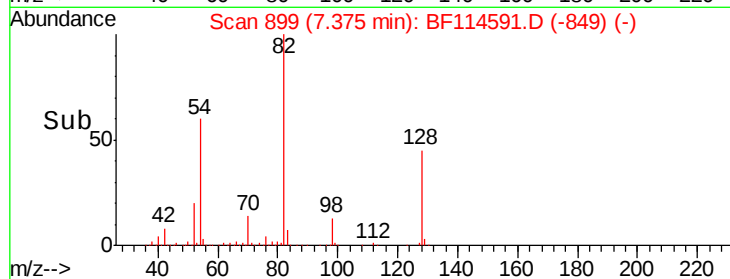
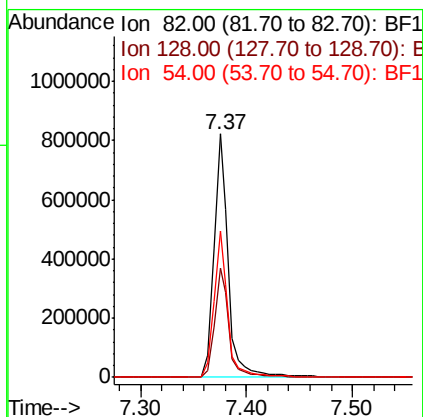
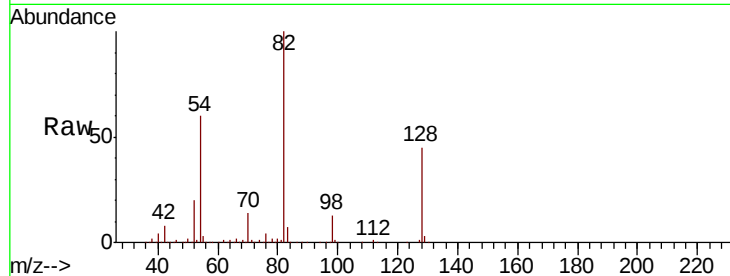




#23
Nitrobenzene-d5
Concen: 81.444 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114591.D
Acq: 25 May 2019 00:56

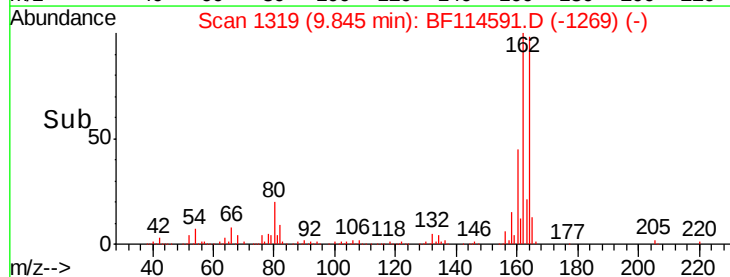
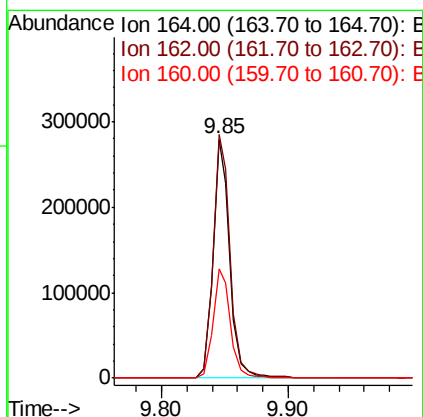
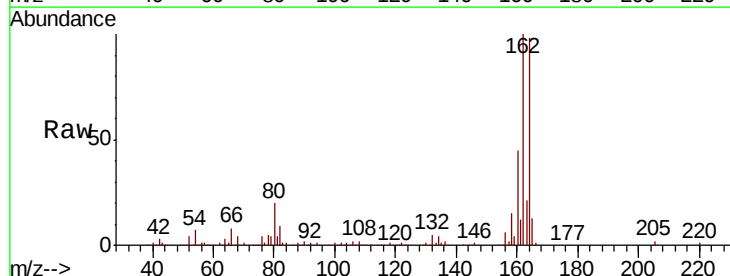
Instrument :
BNA_F
ClientSampled :
TP-5-D

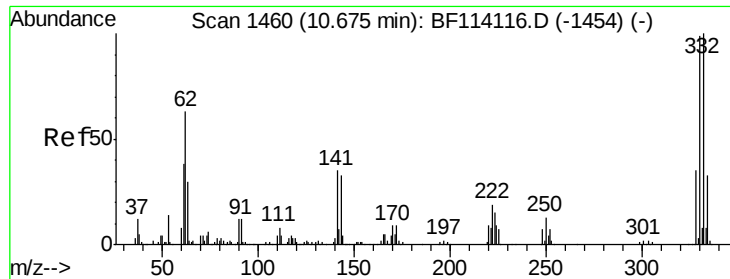
Tot Ion	82	Resp	792771
Ion Ratio	Lower	Upper	
82	100		
128	45.1	35.5	53.3
54	59.9	48.5	72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114591.D
Acq: 25 May 2019 00:56

Tgt Ion	164	Resp	259589
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.6	120.8
160	45.7	36.5	54.7

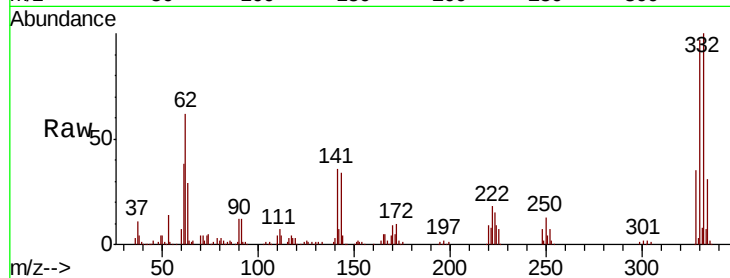




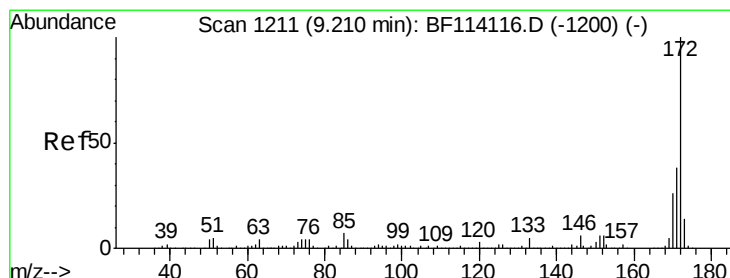
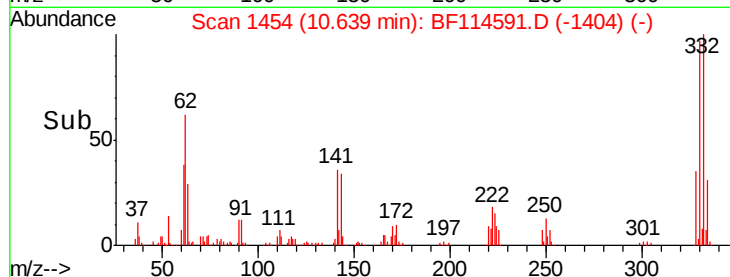
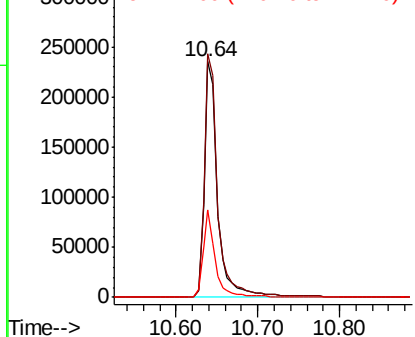
#42
 2,4,6-Tribromophenol
 Concen: 100.466 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114591.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Tot Ion:330 Resp: 269622
 Ion Ratio Lower Upper
 330 100
 332 103.0 81.4 122.2
 141 34.2 26.6 40.0

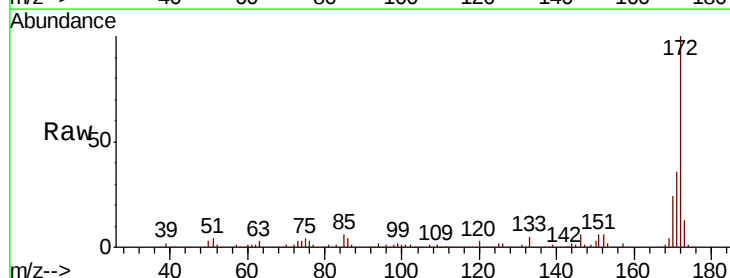


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

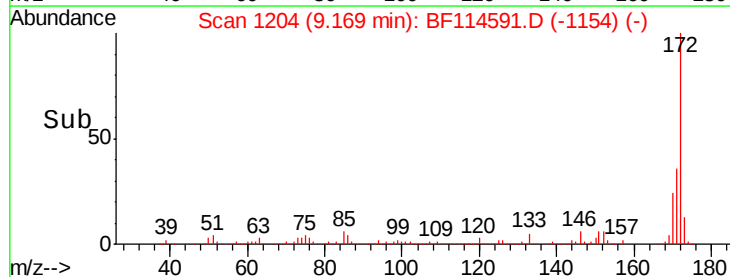
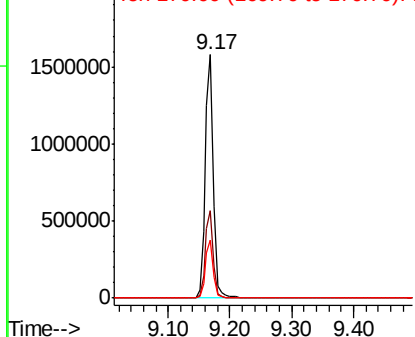


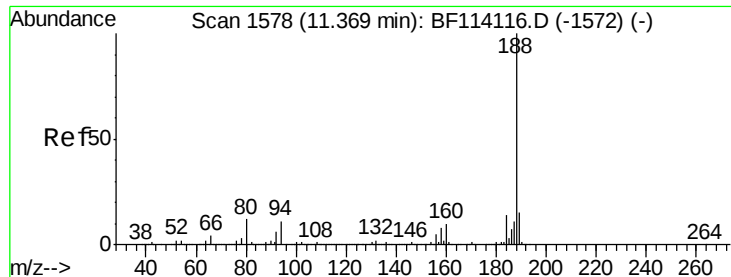
#45
 2-Fluorobiphenyl
 Concen: 84.643 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114591.D
 Acq: 25 May 2019 00:56

Tgt Ion:172 Resp: 1452556
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.7 46.1
 170 24.0 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: BF114591.D

Acq: 25 May 2019 00:56

Instrument :

BNA_F

ClientSampleId :

TP-5-D

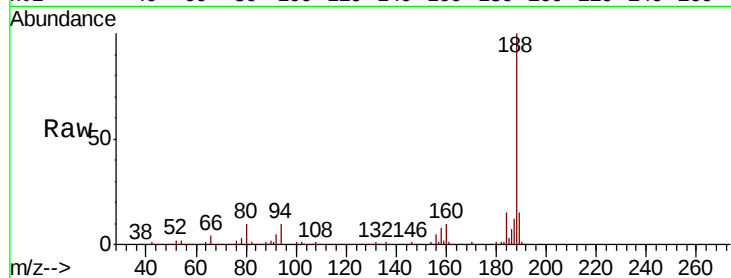
Tot Ion:188 Resp: 533079

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

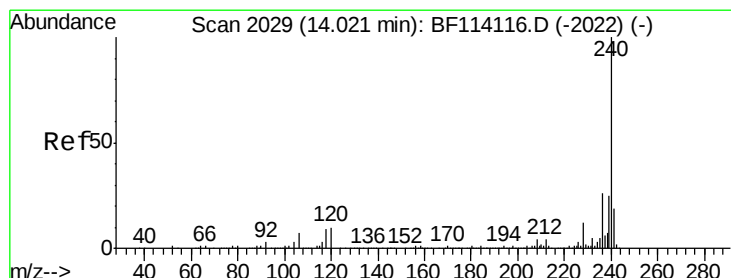
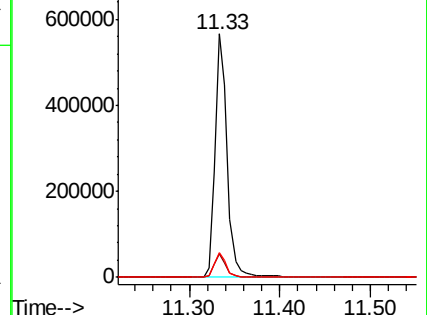
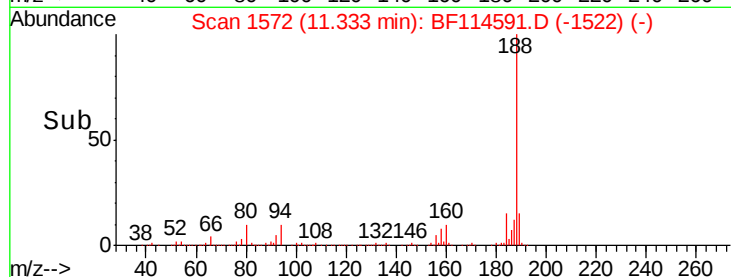
80 10.3 9.2 13.8



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: BF114591.D

Acq: 25 May 2019 00:56

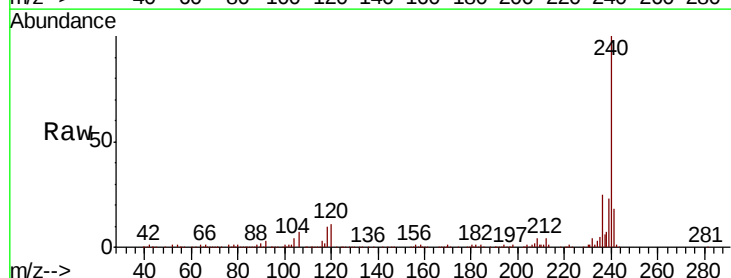
Tgt Ion:240 Resp: 358596

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

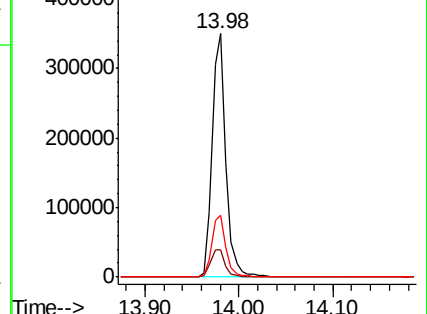
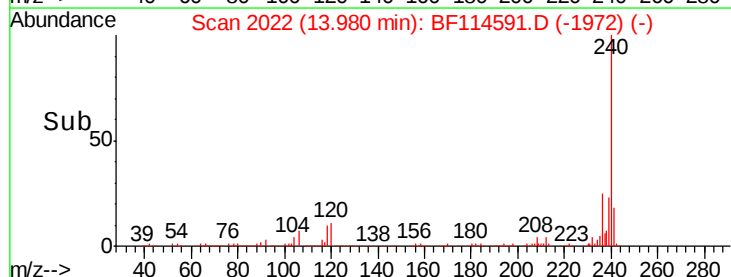
236 25.2 20.8 31.2

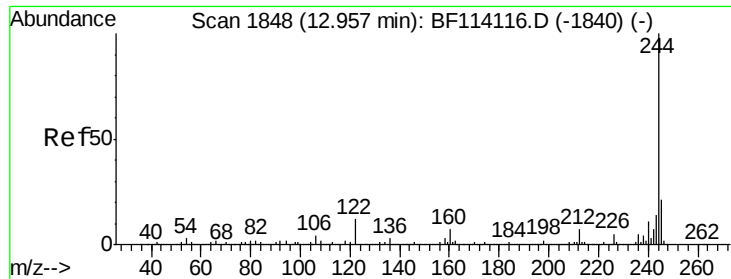


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

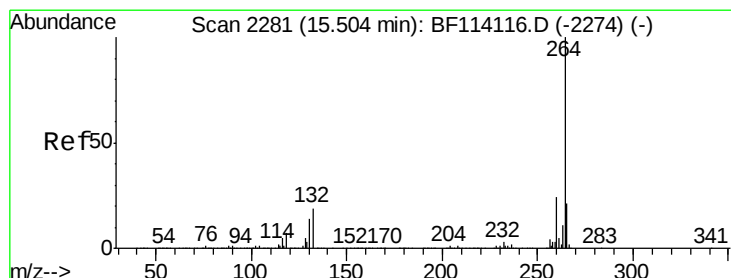
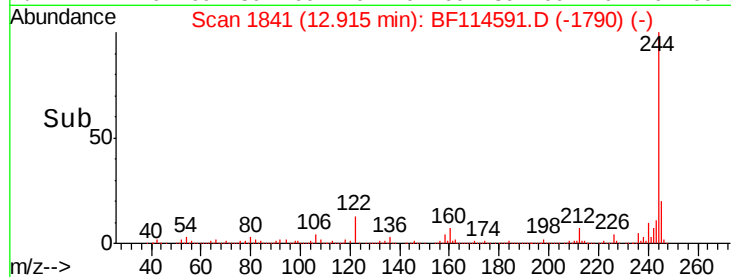
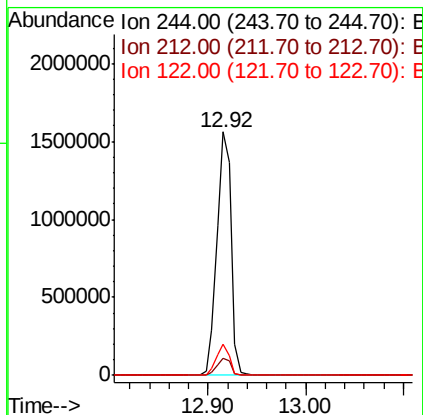
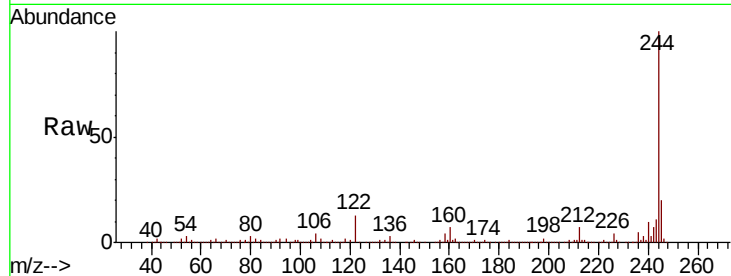




#79
 Terphenyl-d14
 Concen: 90.395 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114591.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_F
 ClientSampled :
 TP-5-D

Tot Ion:244 Resp: 1572466
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 12.9 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: BF114591.D
 Acq: 25 May 2019 00:56

Tgt Ion:264 Resp: 361974
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 20.7 16.9 25.3

