

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114609.D
 Acq On : 25 May 2019 17:38
 Operator : JU/SJ
 Sample : PB119859BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119859BL

Quant Time: May 27 00:43:25 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	6.80	152	178216	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	693584	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	338302	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	701370	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	511894	20.00	ng	-0.02
87) Perylene-d12	15.43	264	506305	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1180782	106.62	ng	-0.01
7) Phenol-d6	6.45	99	1574115	120.18	ng	-0.01
23) Nitrobenzene-d5	7.36	82	948620	76.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	392825	112.32	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1759718	78.68	ng	-0.02
79) Terphenyl-d14	12.91	244	1841256	74.15	ng	0.00

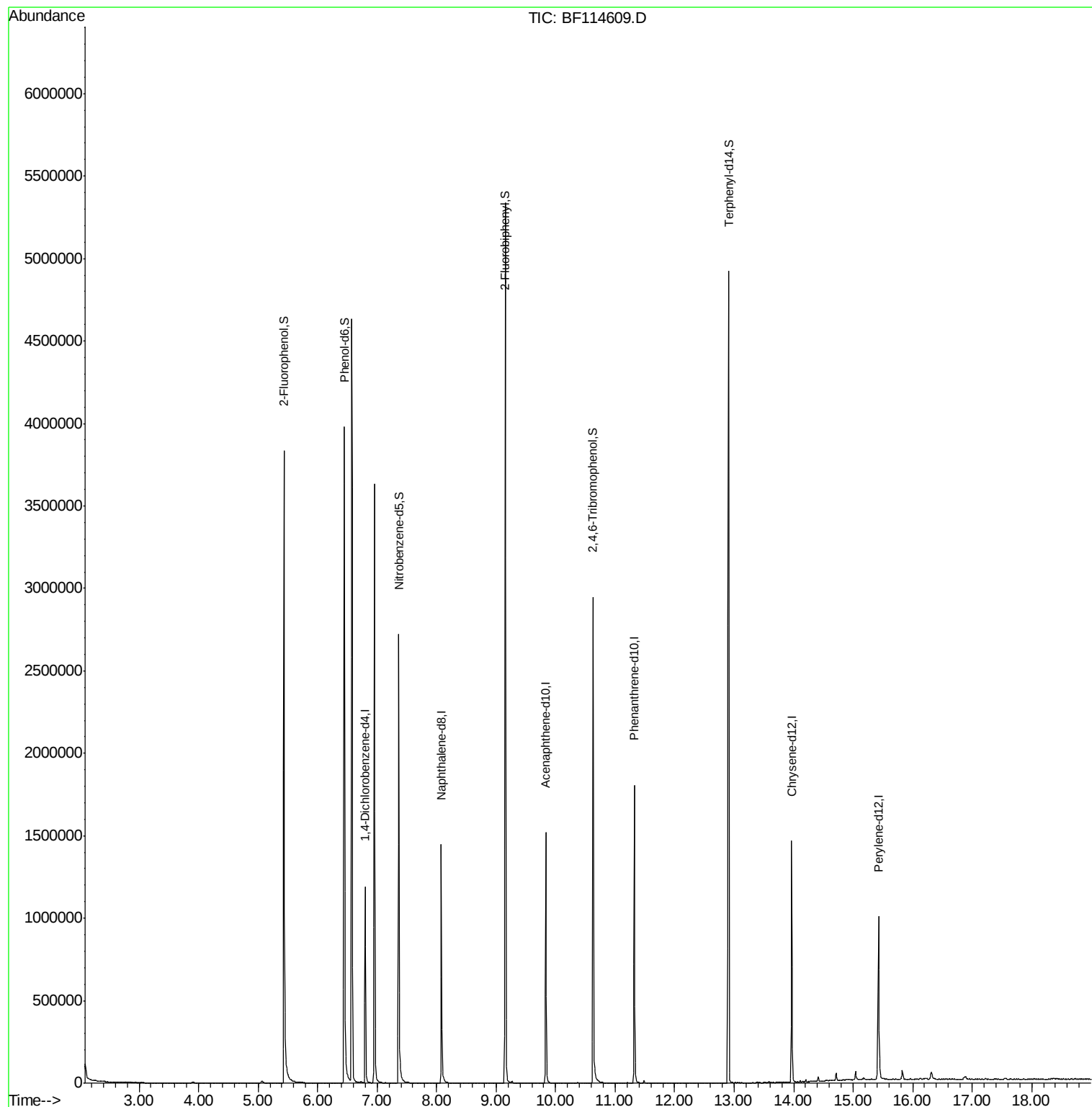
Target Compounds Qvalue

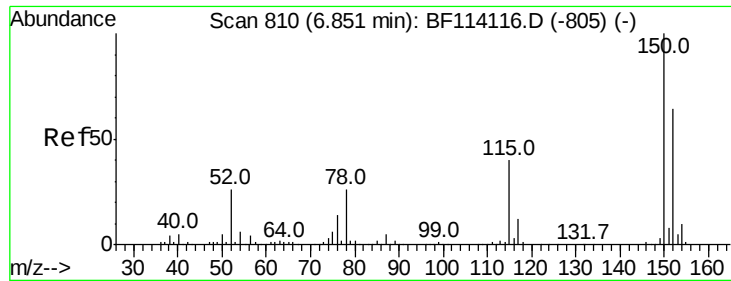
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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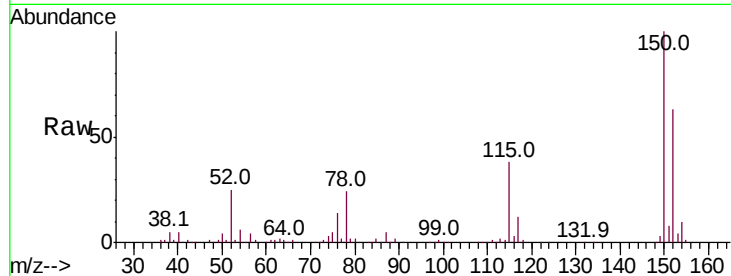


#1

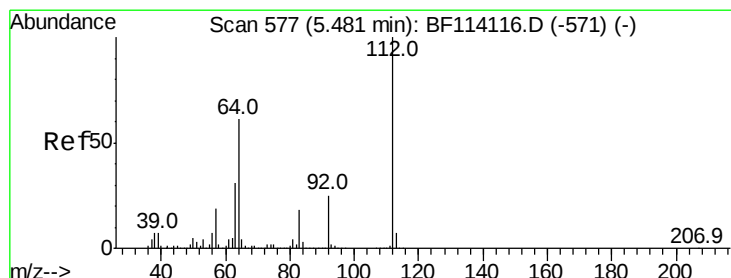
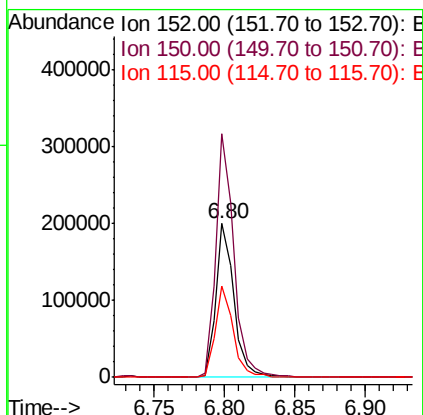
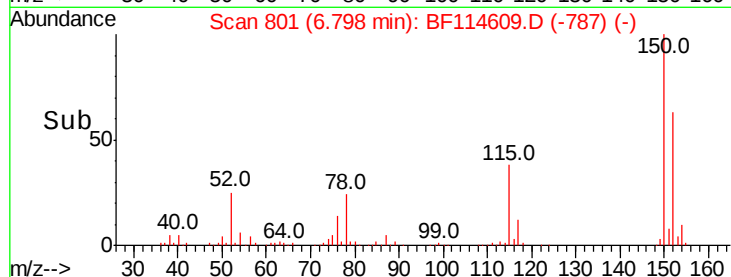
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114609.D
Acq: 25 May 2019 17:38

Instrument :
BNA_F
ClientSampleId :
PB119859BL

Tot Ion:152 Resp: 178216
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 59.8 49.1 73.7



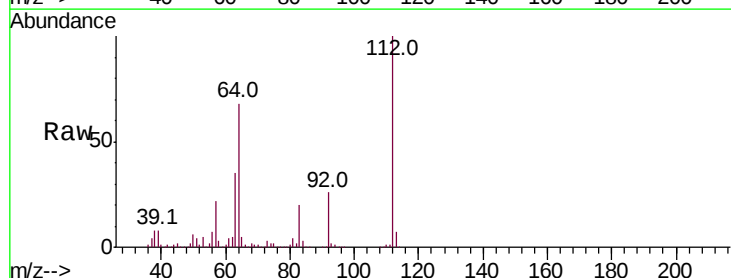
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



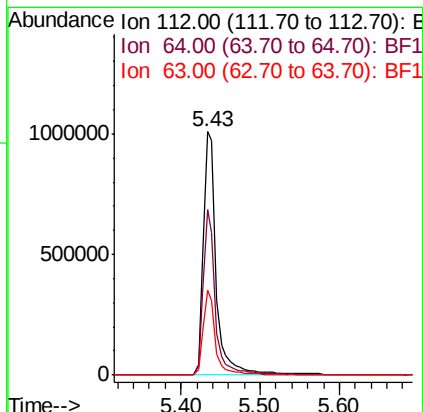
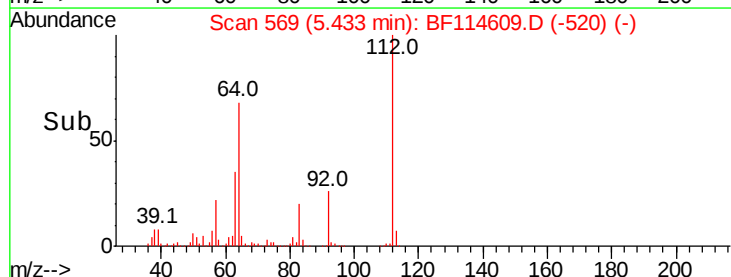
#5

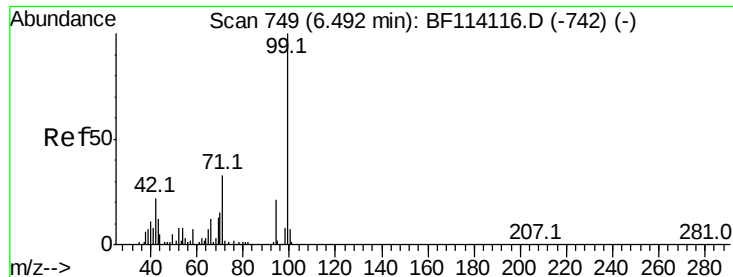
2-Fluorophenol
Concen: 106.623 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF114609.D
Acq: 25 May 2019 17:38

Tgt Ion:112 Resp: 1180782
Ion Ratio Lower Upper
112 100
64 68.1 49.0 73.6
63 34.8 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: 120.179 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114609.D

Acq: 25 May 2019 17:38

Instrument :

BNA_F

ClientSampleId :

PB119859BL

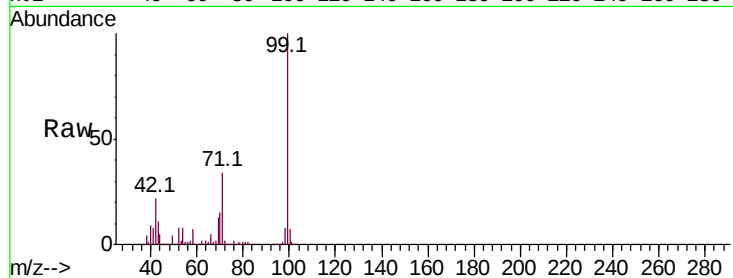
Tot Ion: 99 Resp: 1574115

Ion Ratio Lower Upper

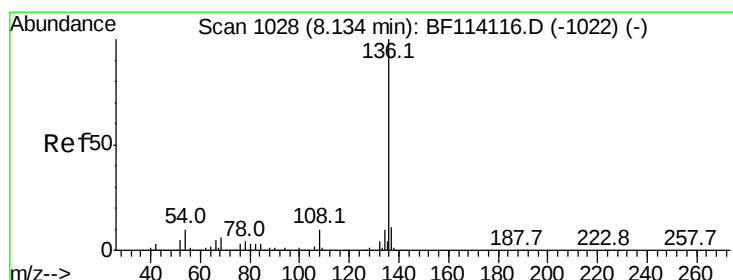
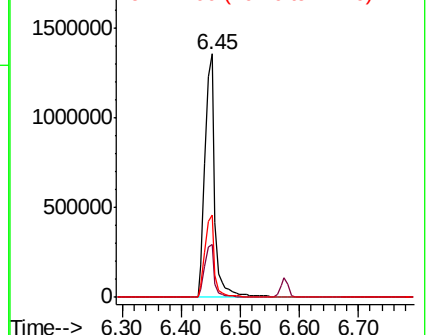
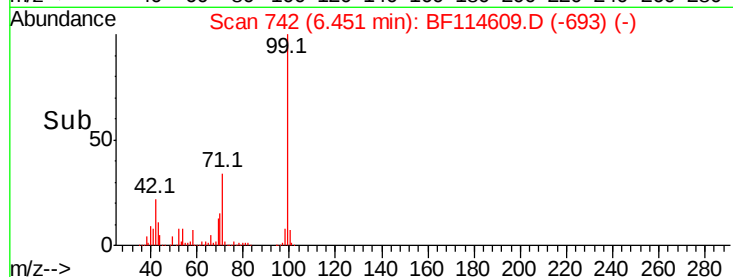
99 100

42 21.5 17.9 26.9

71 33.7 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: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF114609.D

Acq: 25 May 2019 17:38

Tgt Ion: 136 Resp: 693584

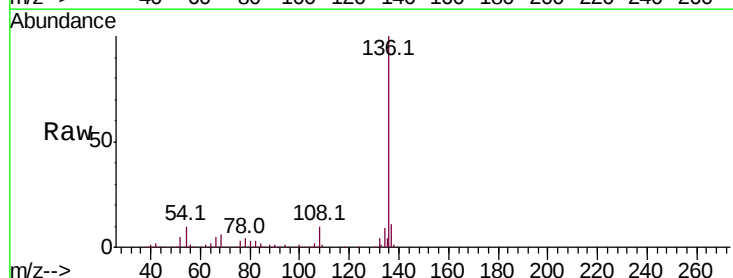
Ion Ratio Lower Upper

136 100

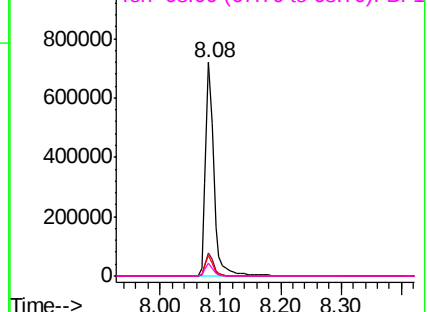
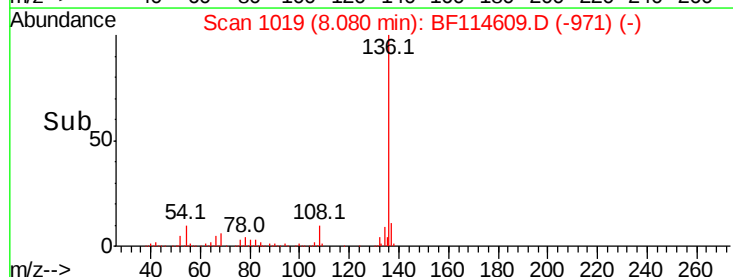
137 10.9 8.8 13.2

54 9.5 7.8 11.8

68 5.8 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

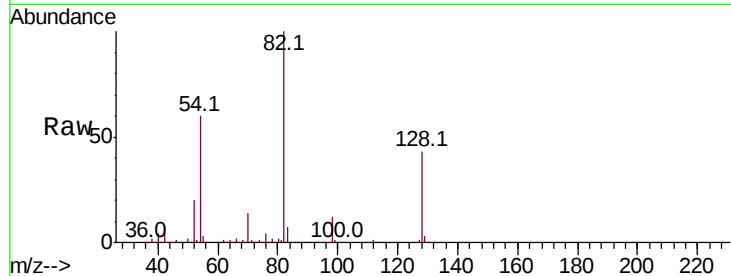




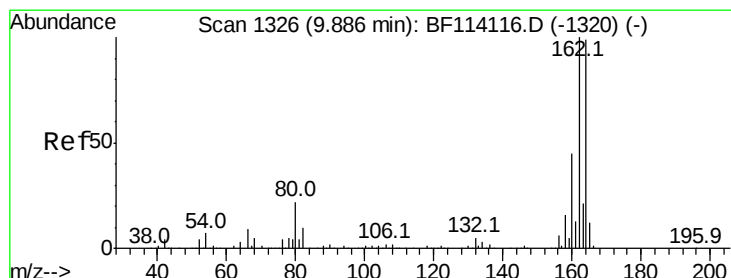
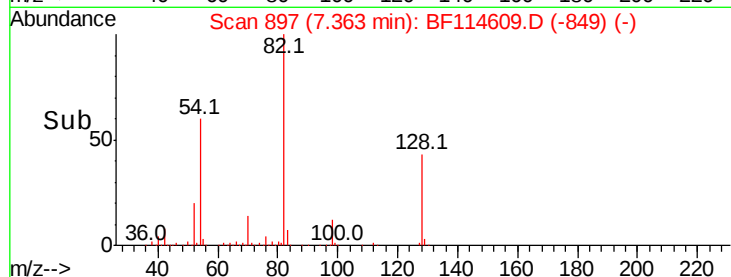
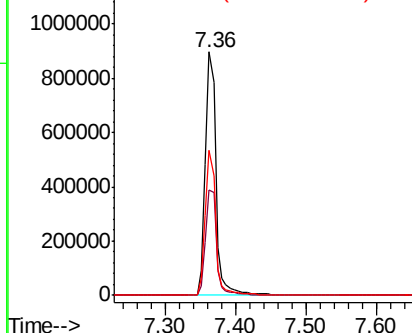
#23
Nitrobenzene-d5
Concen: 76.756 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114609.D
Acq: 25 May 2019 17:38

Instrument :
BNA_F
ClientSampleId :
PB119859BL

Tot Ion: 82 Resp: 948620
Ion Ratio Lower Upper
82 100
128 43.3 35.5 53.3
54 59.7 48.5 72.7

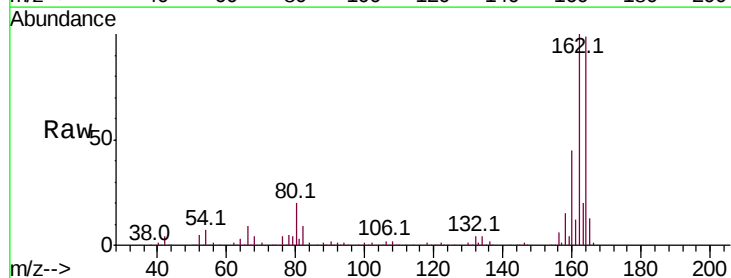


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

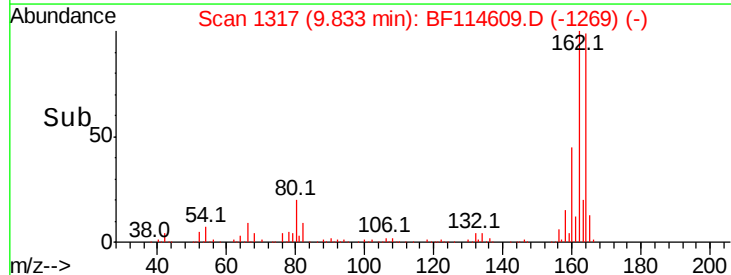
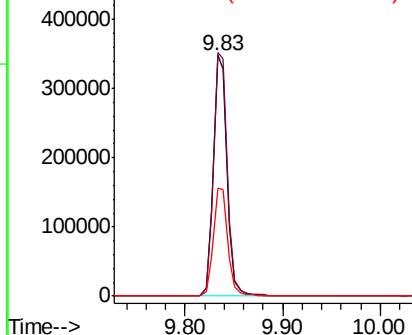


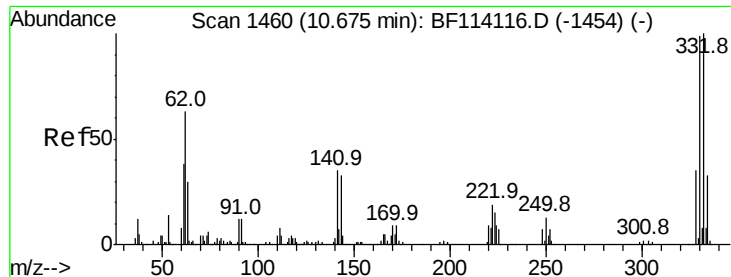
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF114609.D
Acq: 25 May 2019 17:38

Tgt Ion:164 Resp: 338302
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 45.1 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

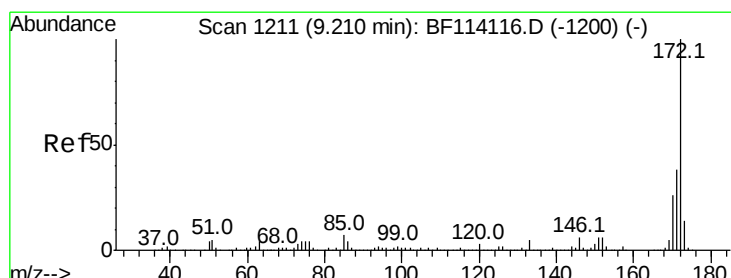
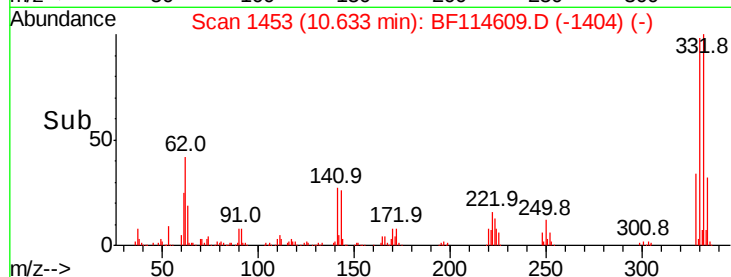
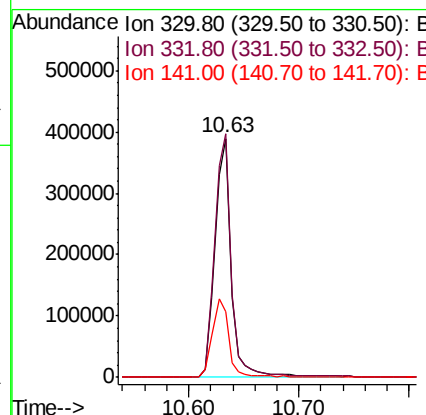
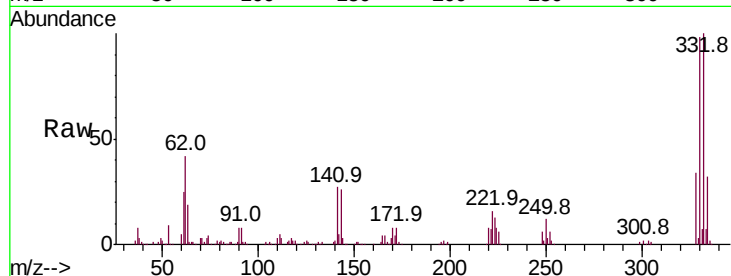




#42
 2,4,6-Tribromophenol
 Concen: 112.317 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF114609.D
 Acq: 25 May 2019 17:38

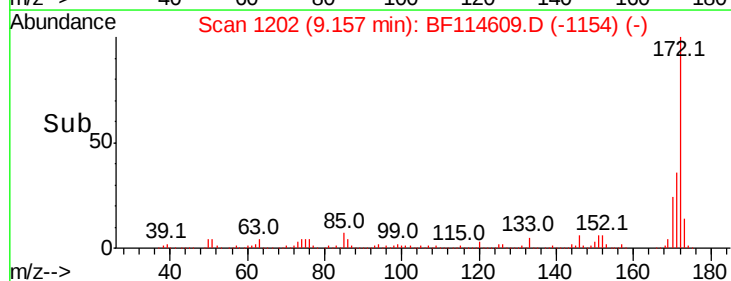
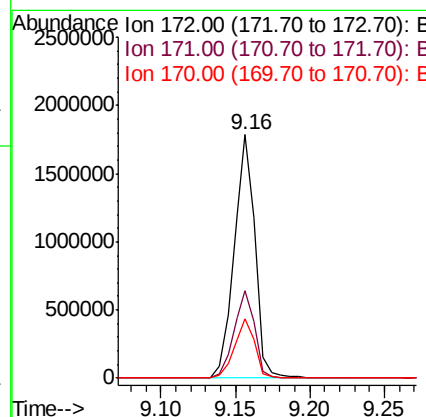
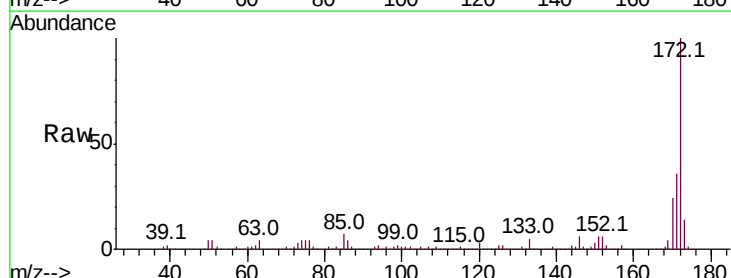
Instrument :
 BNA_F
 ClientSampleId :
 PB119859BL

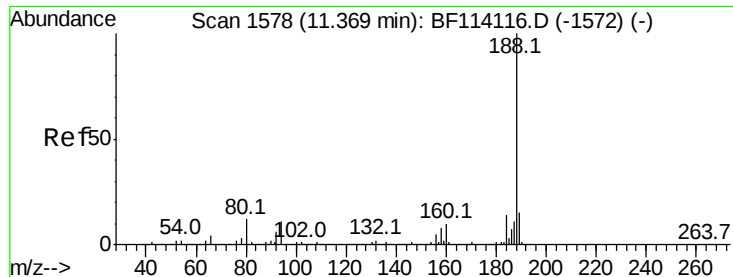
Tot Ion	Ratio	Lower	Upper
330	100		
332	104.1	81.4	122.2
141	33.8	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 78.683 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114609.D
 Acq: 25 May 2019 17:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.4	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF114609.D

Acq: 25 May 2019 17:38

Instrument :

BNA_F

ClientSampleId :

PB119859BL

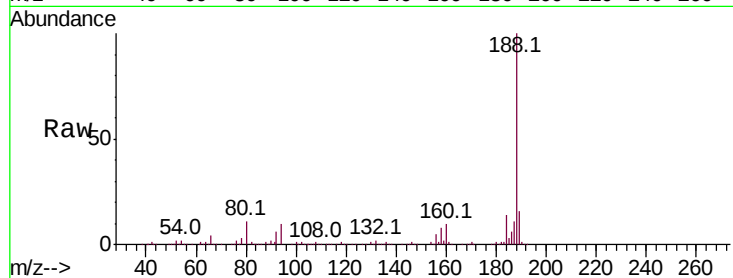
Tot Ion:188 Resp: 701370

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

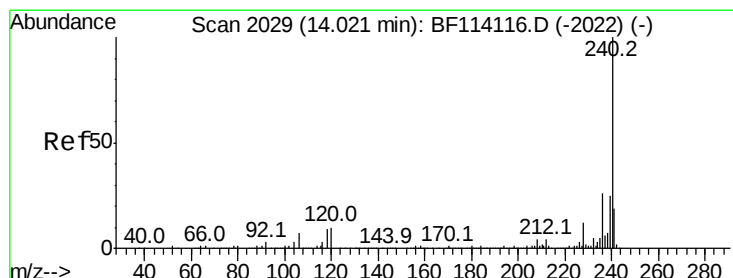
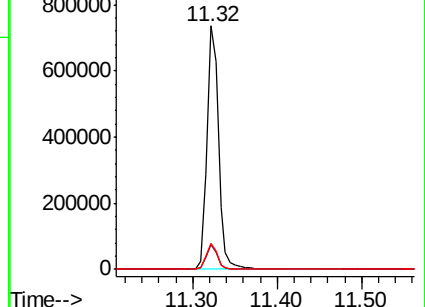
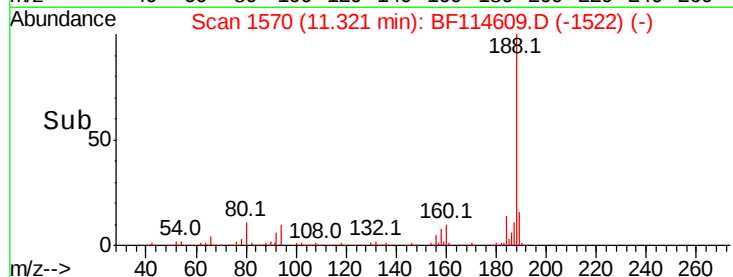
80 10.7 9.2 13.8



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: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114609.D

Acq: 25 May 2019 17:38

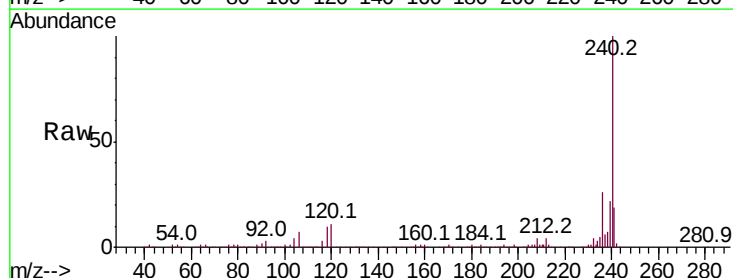
Tgt Ion:240 Resp: 511894

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

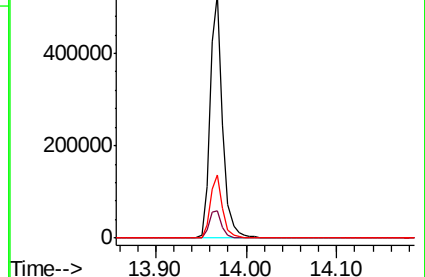
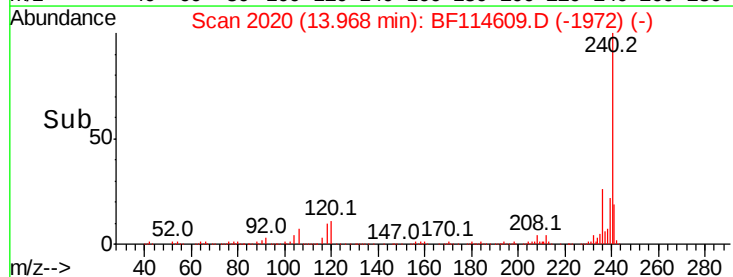
236 25.8 20.8 31.2

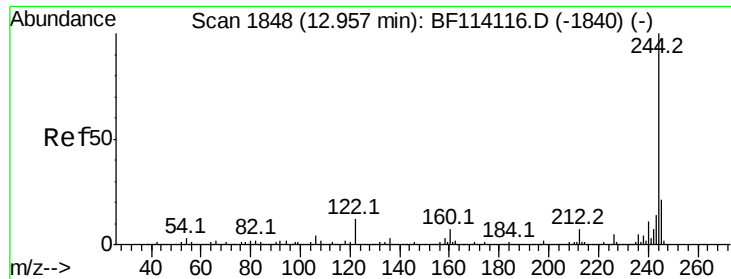


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



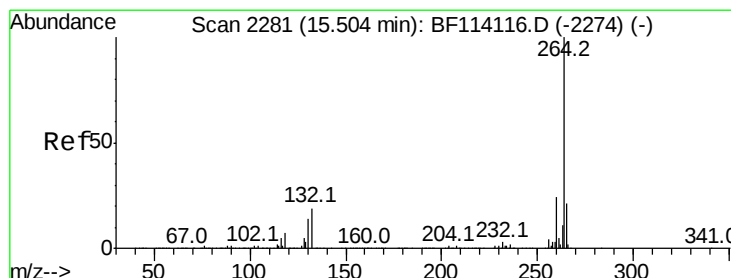
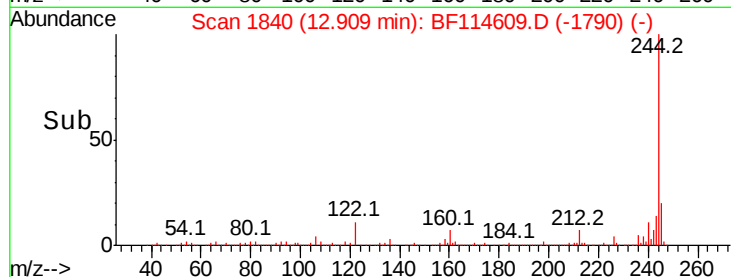
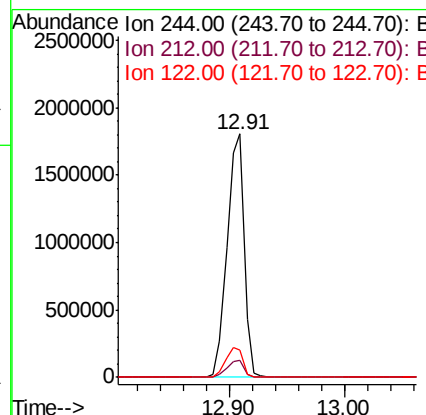
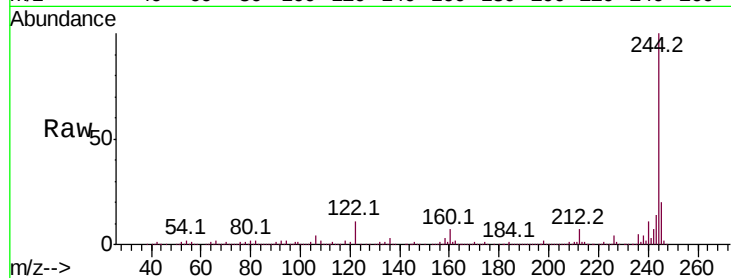


#79
 Terphenyl-d14
 Concen: 74.149 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF114609.D
 Acq: 25 May 2019 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB119859BL

Tot Ion:244 Resp: 1841256

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	11.2	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF114609.D
 Acq: 25 May 2019 17:38

Tgt Ion:264 Resp: 506305

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.4	16.9	25.3

