

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114604.D
 Acq On : 25 May 2019 15:27
 Operator : JU/SJ
 Sample : PB119810BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BL

Quant Time: May 27 00:31:09 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	179863	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	690348	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	339027	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	690216	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	487847	20.00	ng	-0.02
87) Perylene-d12	15.42	264	473639	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1215809	108.78	ng	-0.01
7) Phenol-d6	6.45	99	1574621	119.12	ng	-0.01
23) Nitrobenzene-d5	7.36	82	973497	79.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	407032	116.13	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1808600	80.70	ng	-0.02
79) Terphenyl-d14	12.91	244	1874225	79.20	ng	0.00

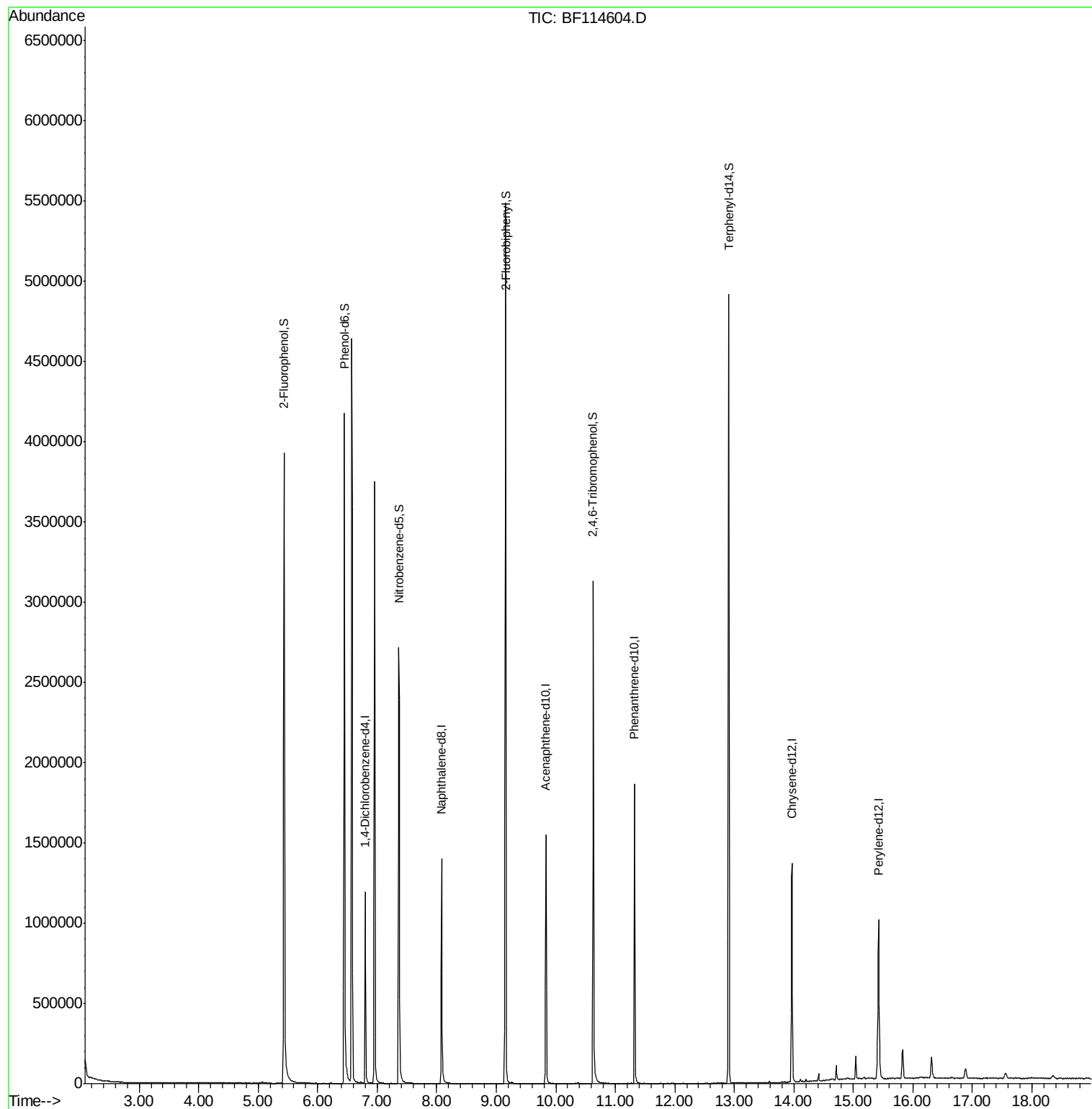
Target Compounds Qvalue

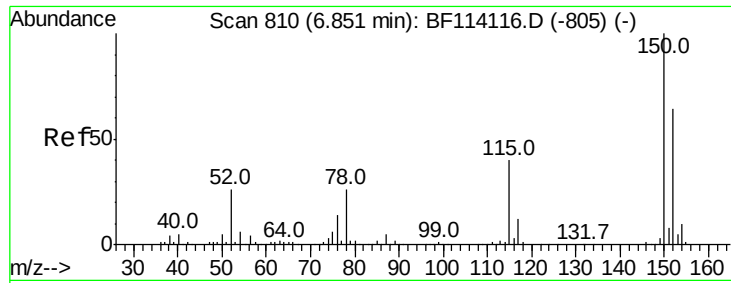
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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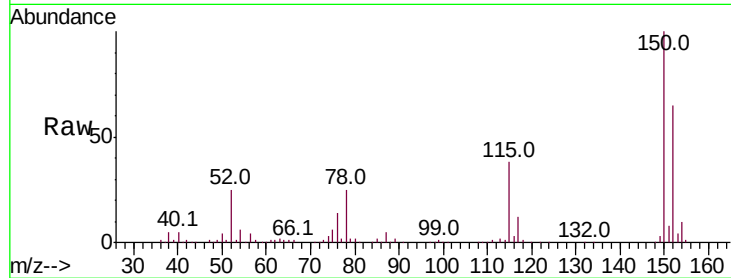


#1

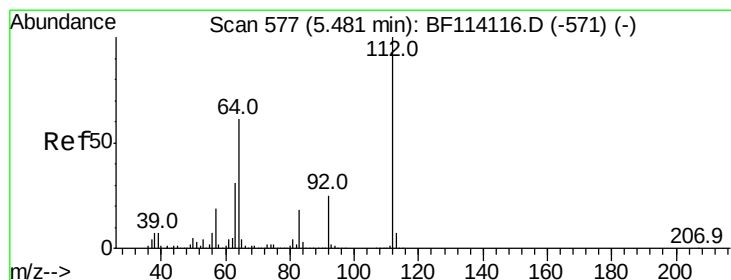
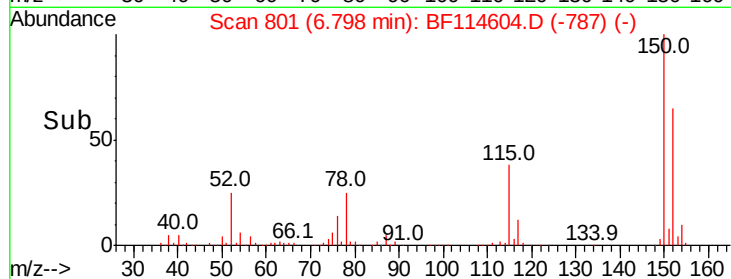
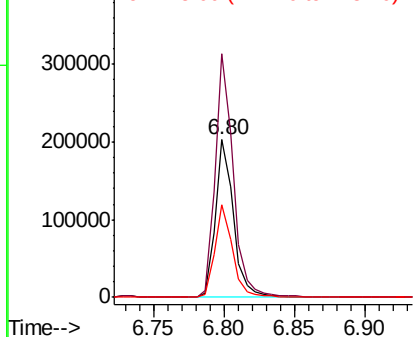
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114604.D
Acq: 25 May 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB119810BL

Tot Ion:152 Resp: 179863
Ion Ratio Lower Upper
152 100
150 154.8 124.3 186.5
115 59.2 49.1 73.7



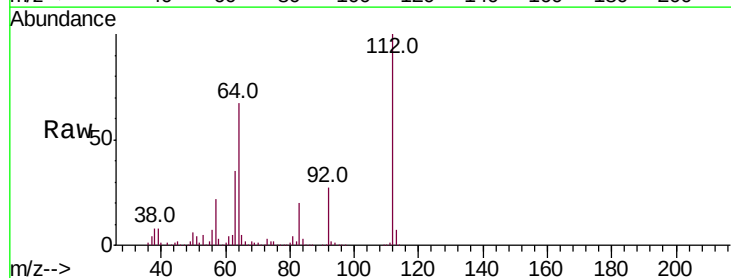
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



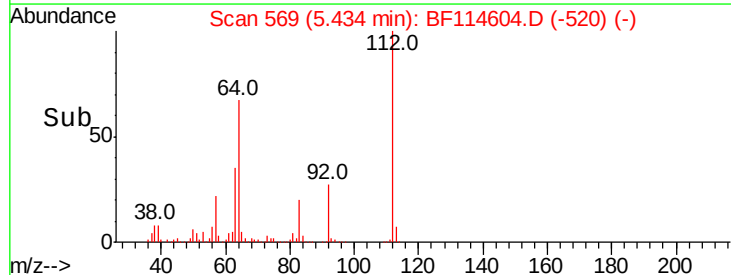
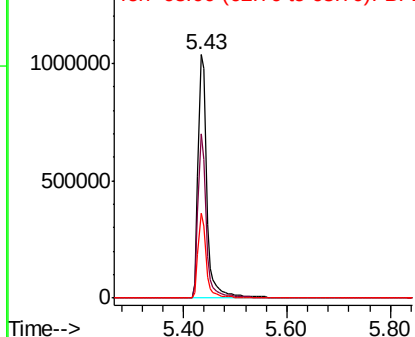
#5

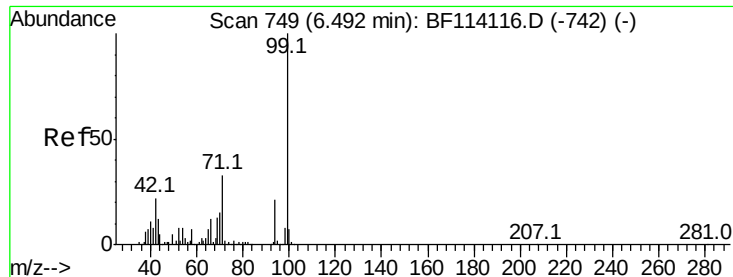
2-Fluorophenol
Concen: 108.780 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF114604.D
Acq: 25 May 2019 15:27

Tgt Ion:112 Resp: 1215809
Ion Ratio Lower Upper
112 100
64 67.3 49.0 73.6
63 34.7 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: 119.117 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114604.D

Acq: 25 May 2019 15:27

Instrument :

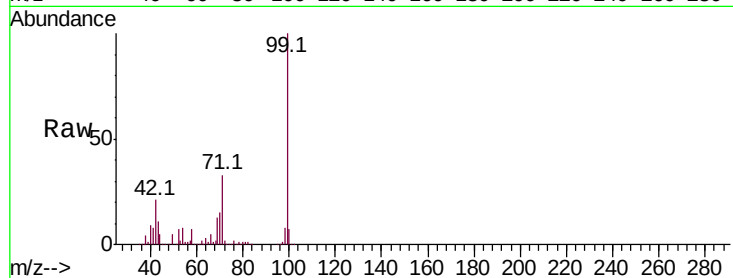
BNA_F

ClientSampleId :

PB119810BL

Tot Ion: 99 Resp: 1574621

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.9	26.9
71	33.5	26.2	39.2

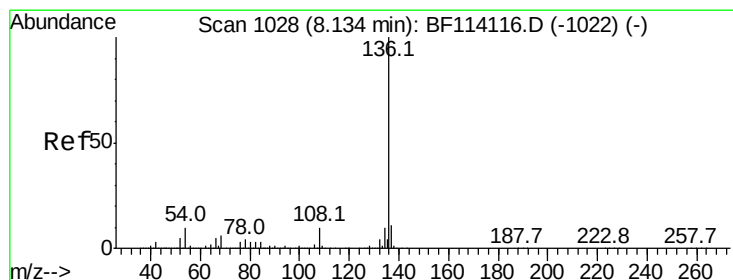
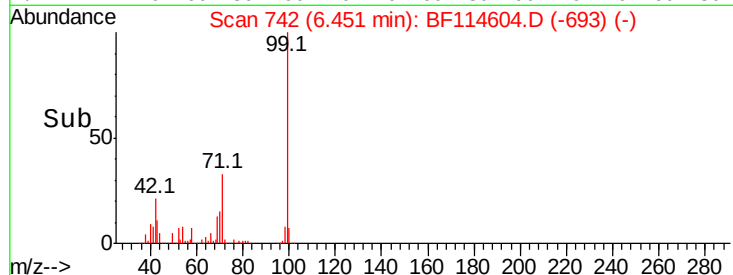
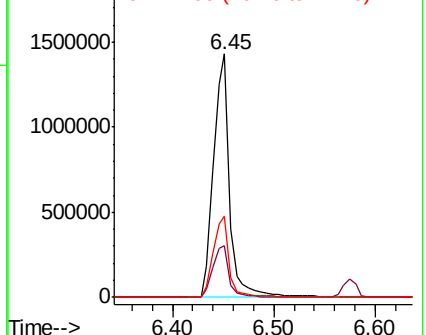


Abundance

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

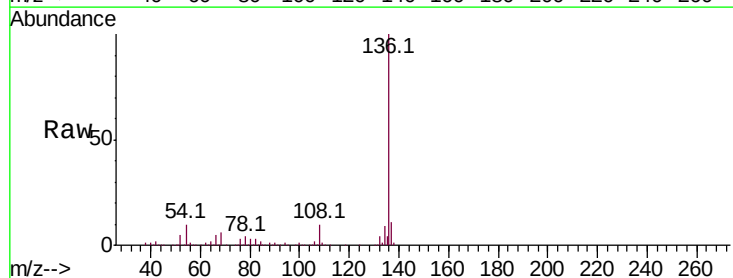
Delta R.T. -0.02 min

Lab File: BF114604.D

Acq: 25 May 2019 15:27

Tgt Ion: 136 Resp: 690348

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.6	7.8	11.8
68	5.6	5.1	7.7



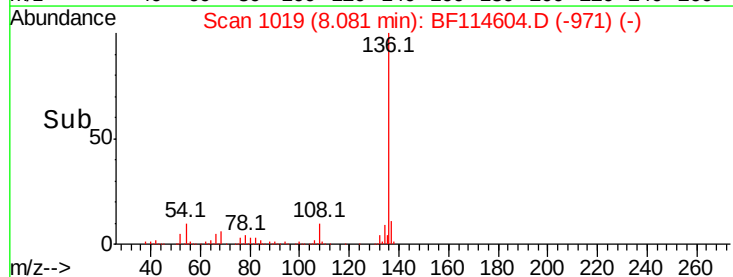
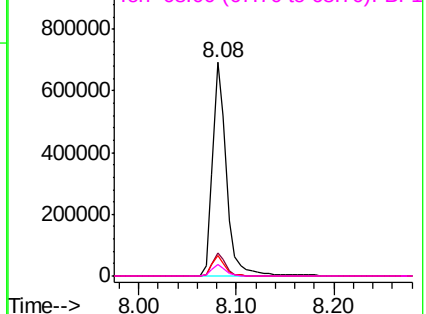
Abundance

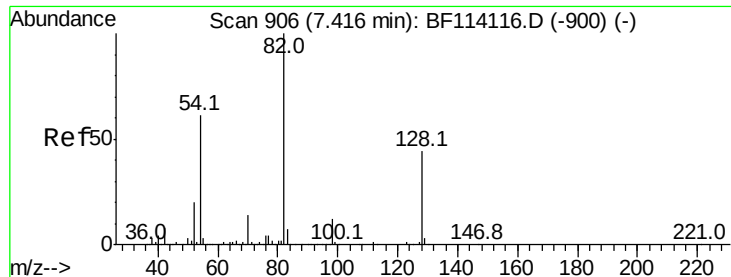
Ion 136.00 (135.70 to 136.70): E

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

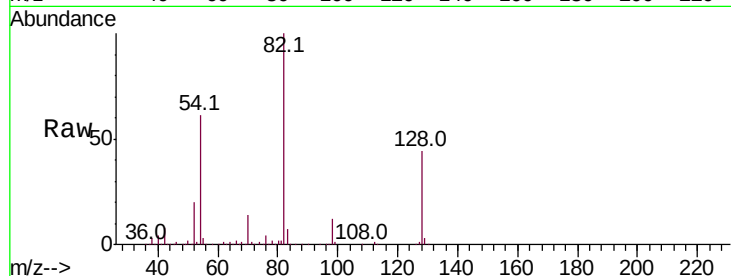




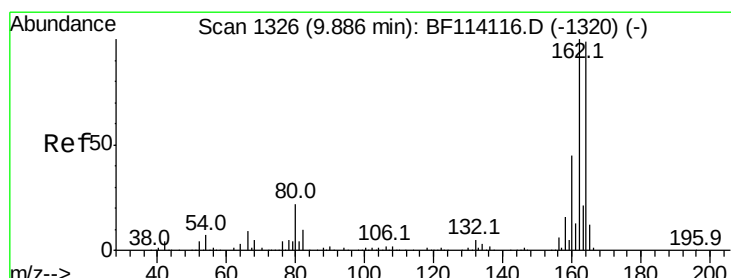
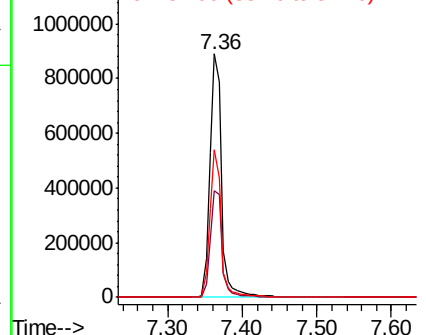
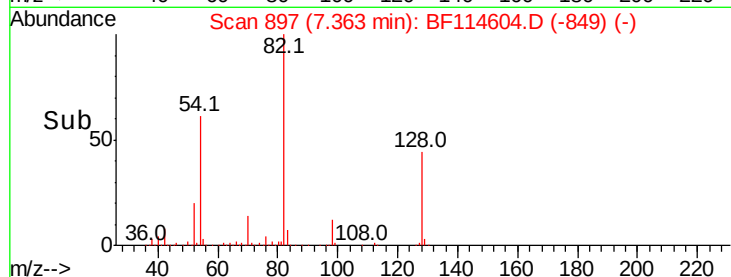
#23
 Nitrobenzene-d5
 Concen: 79.138 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BL

Tot Ion	82	Resp	973497
Ion Ratio	Lower	Upper	
82	100		
128	44.0	35.5	53.3
54	60.8	48.5	72.7

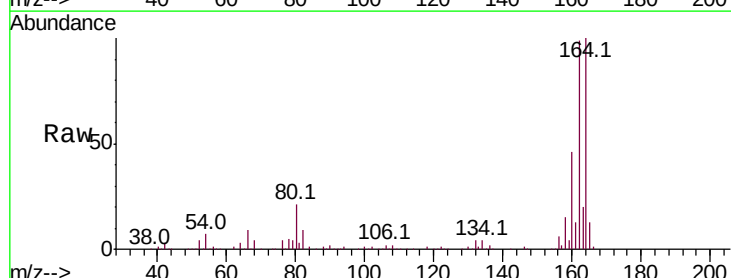


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

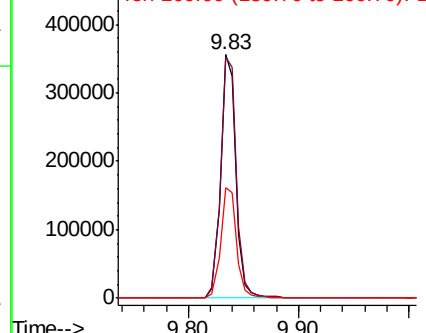
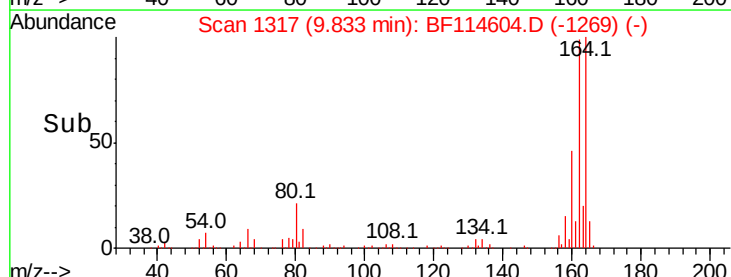


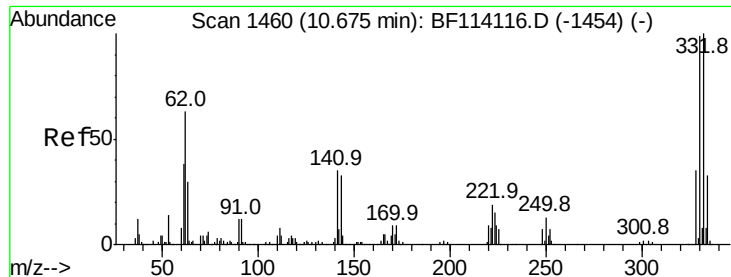
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Tgt Ion	164	Resp	339027
Ion Ratio	Lower	Upper	
164	100		
162	99.2	80.6	120.8
160	45.5	36.5	54.7



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

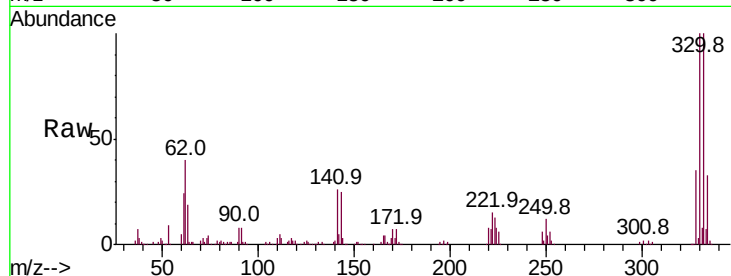




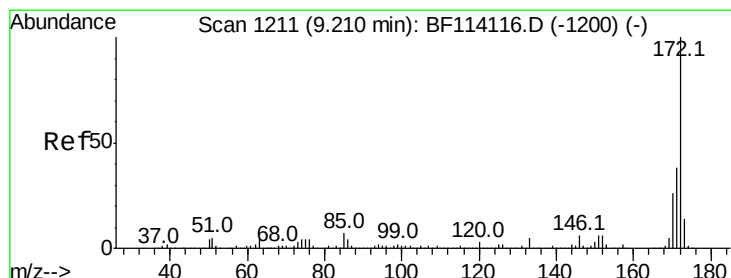
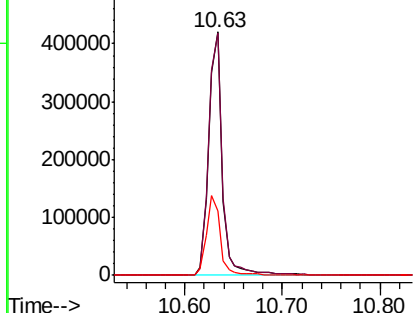
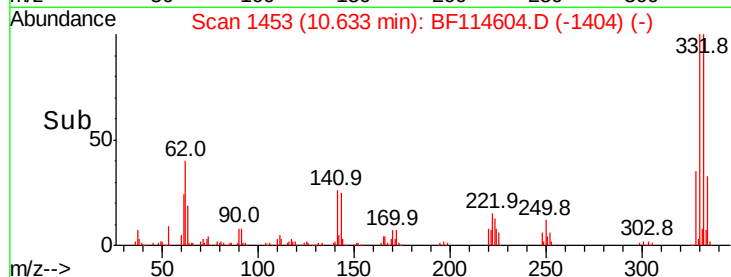
#42
 2,4,6-Tribromophenol
 Concen: 116.130 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Instrument :
 BNA_F
 ClientSampled :
 PB119810BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.0	81.4	122.2
141	33.6	26.6	40.0

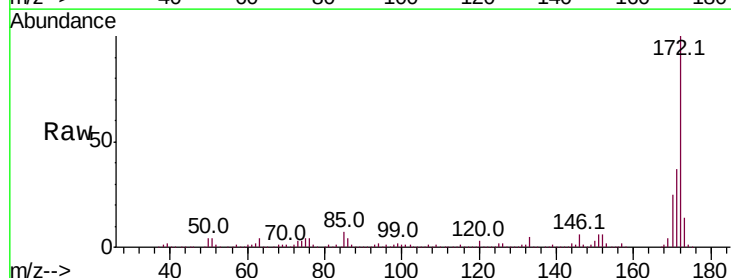


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

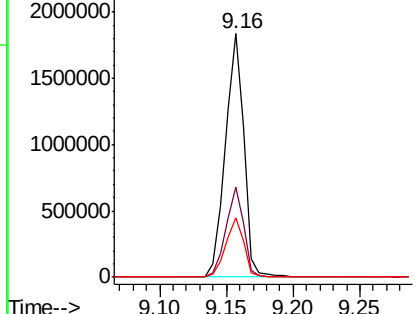
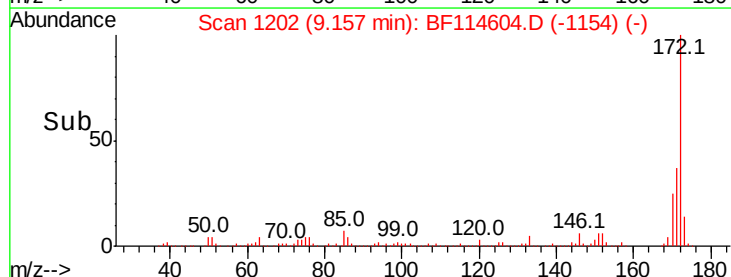


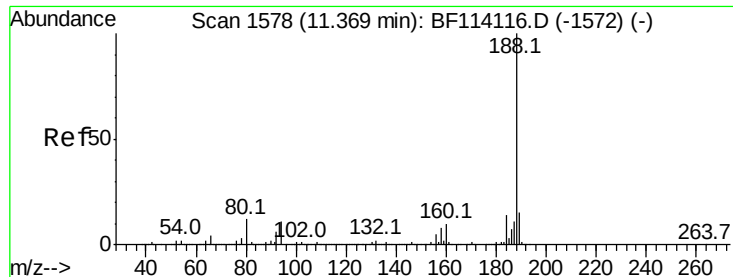
#45
 2-Fluorobiphenyl
 Concen: 80.696 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.6	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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF114604.D

Acq: 25 May 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB119810BL

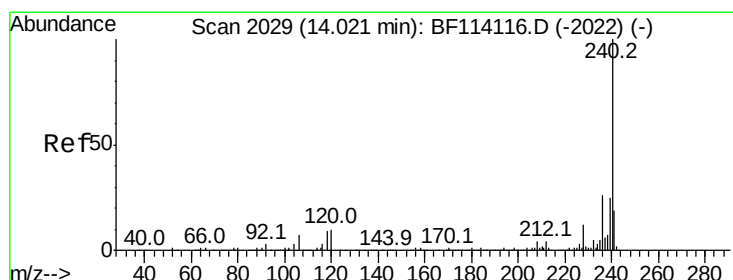
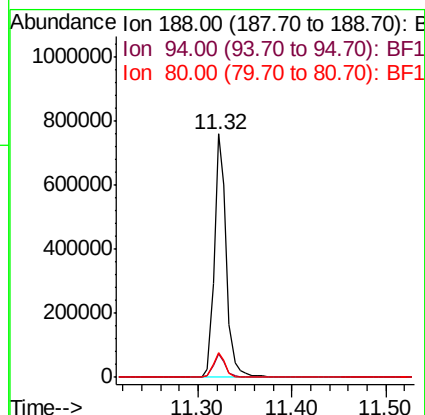
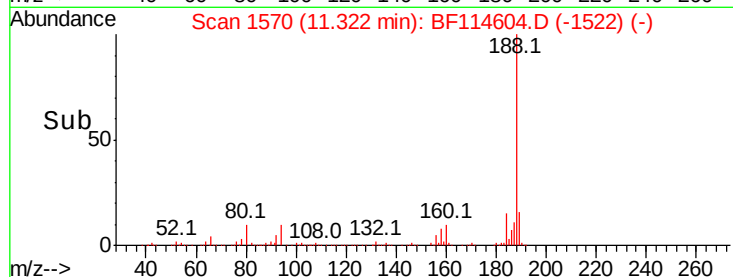
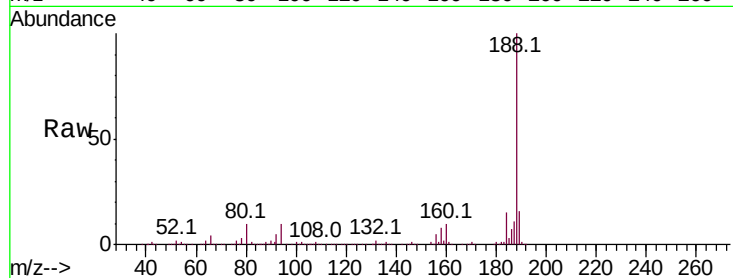
Tot Ion:188 Resp: 690216

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

80 10.3 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114604.D

Acq: 25 May 2019 15:27

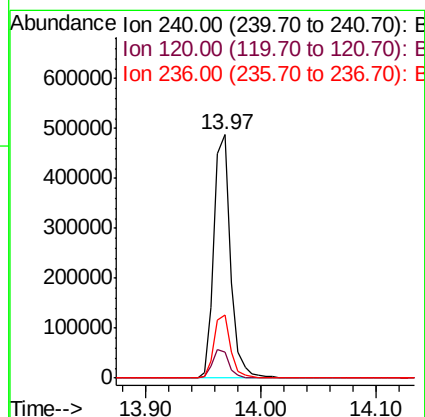
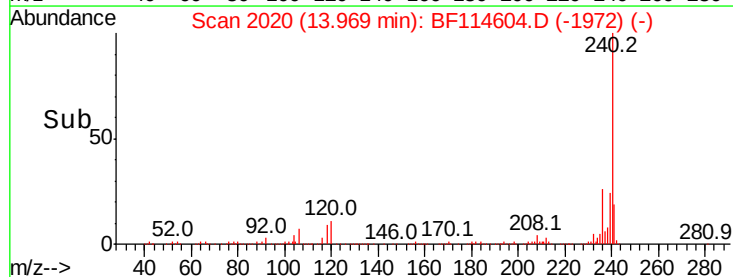
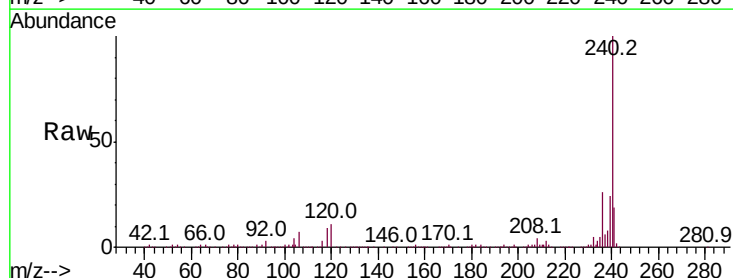
Tgt Ion:240 Resp: 487847

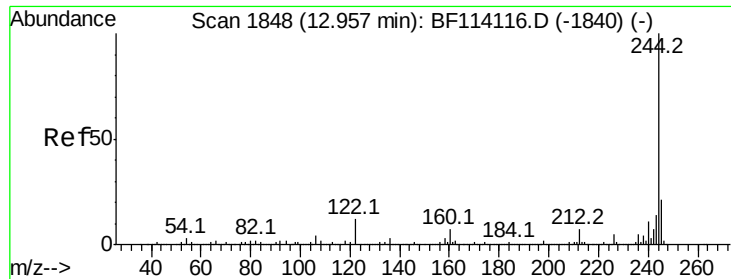
Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

236 26.0 20.8 31.2

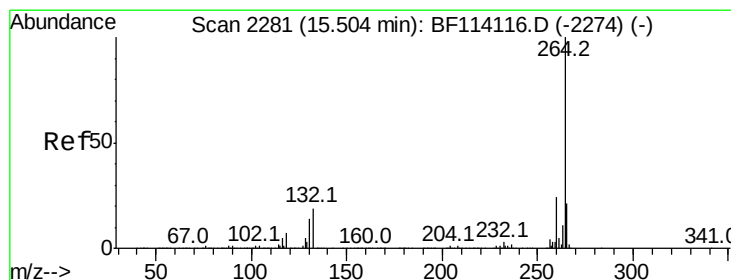
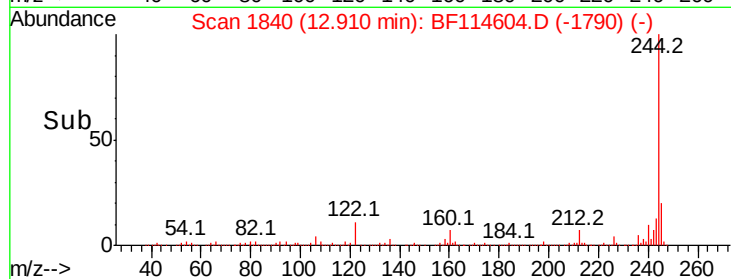
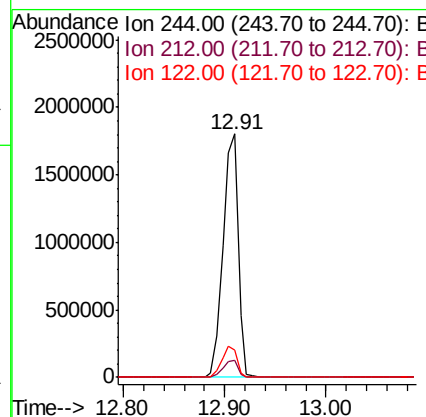
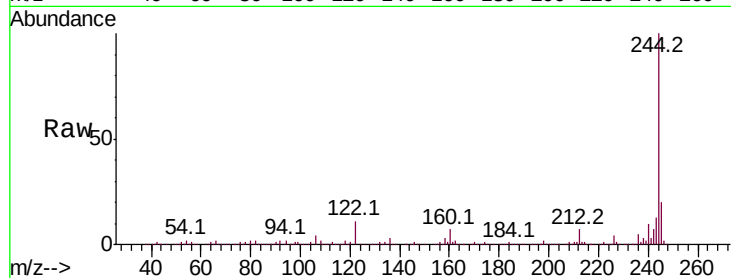




#79
 Terphenyl-d14
 Concen: 79.197 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BL

Tot Ion:244 Resp: 1874225
 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: 15.42 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BF114604.D
 Acq: 25 May 2019 15:27

Tgt Ion:264 Resp: 473639
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 21.9 16.9 25.3

