

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114621.D
 Acq On : 25 May 2019 22:53
 Operator : JU/SJ
 Sample : PB120034BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BL

Quant Time: May 27 01:13:39 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	183815	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	703153	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	331954	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	663953	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	482129	20.00	ng	-0.02
87) Perylene-d12	15.43	264	465070	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1165289	102.02	ng	0.00
7) Phenol-d6	6.45	99	1530645	113.30	ng	-0.01
23) Nitrobenzene-d5	7.36	82	922686	73.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	352669	102.76	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1681291	76.61	ng	-0.02
79) Terphenyl-d14	12.90	244	1635961	69.95	ng	-0.01

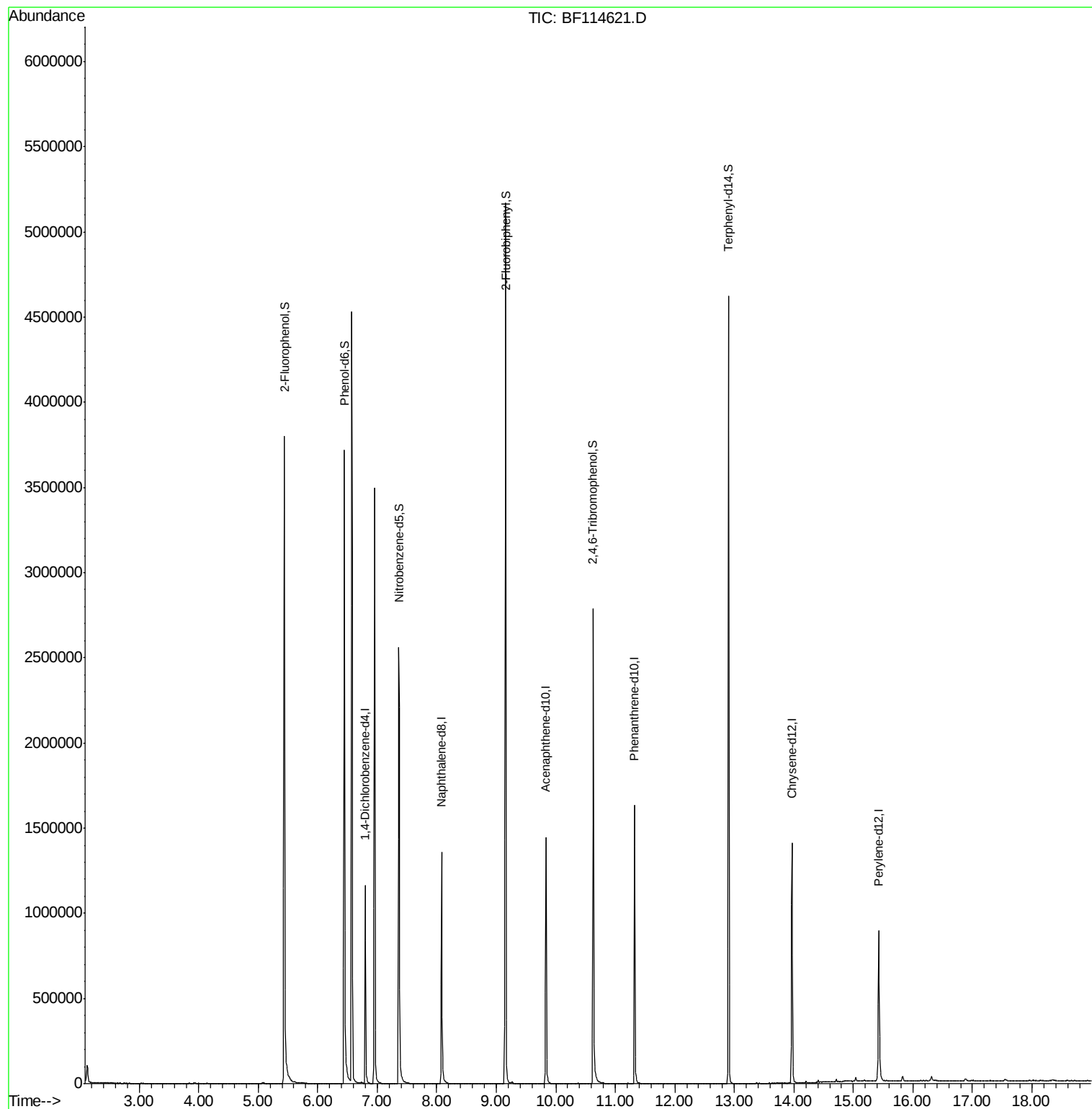
Target Compounds Qvalue

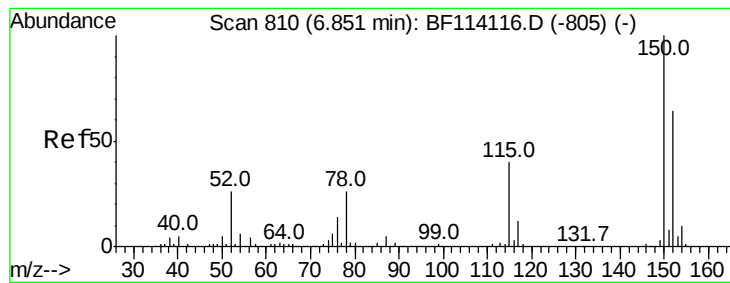
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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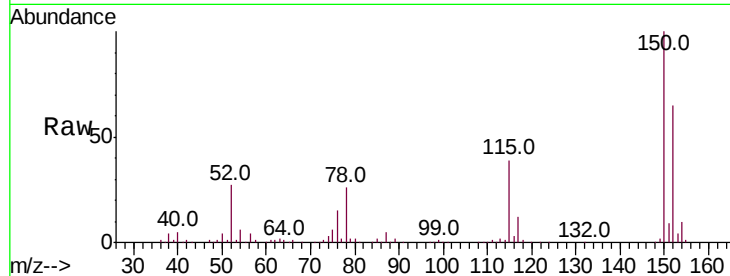


#1

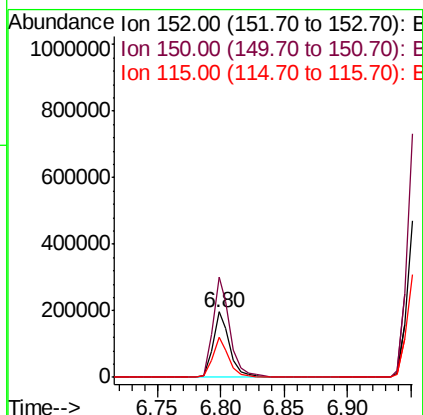
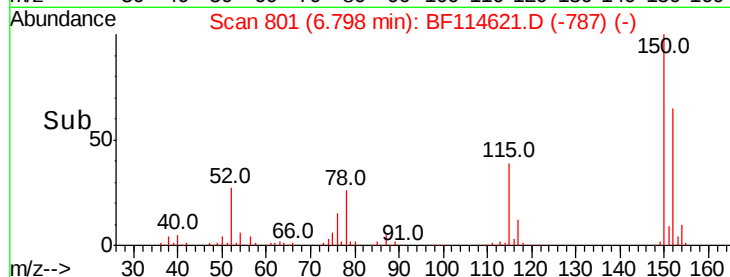
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114621.D
Acq: 25 May 2019 22:53

Instrument :
BNA_F
ClientSampleId :
PB120034BL

Tot Ion:152 Resp: 183815
Ion Ratio Lower Upper
152 100
150 154.4 124.3 186.5
115 60.8 49.1 73.7



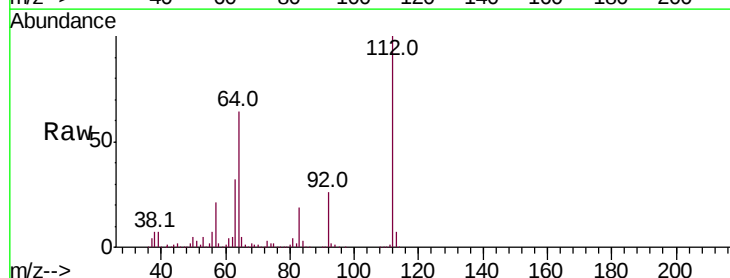
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



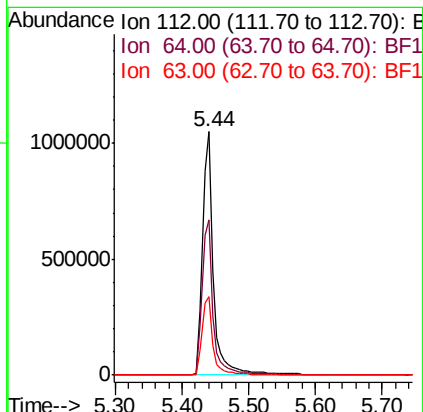
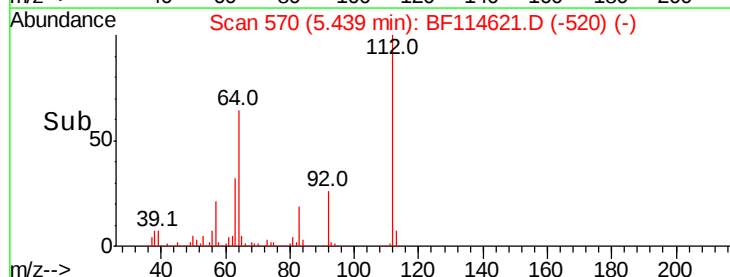
#5

2-Fluorophenol
Concen: 102.019 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114621.D
Acq: 25 May 2019 22:53

Tgt Ion:112 Resp: 1165289
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.6
63 32.3 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: 113.301 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114621.D

Acq: 25 May 2019 22:53

Instrument :

BNA_F

ClientSampleId :

PB120034BL

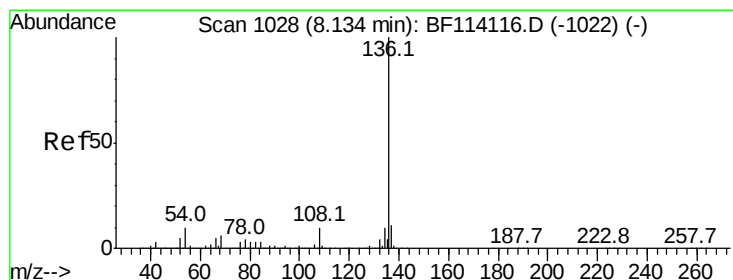
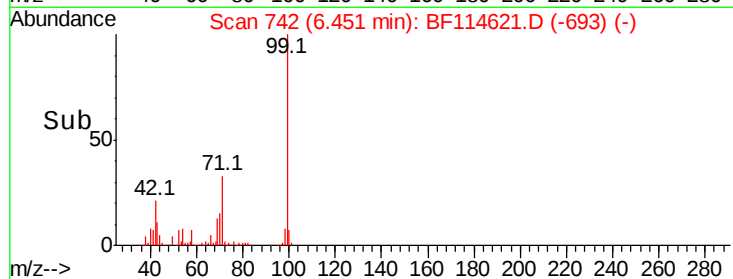
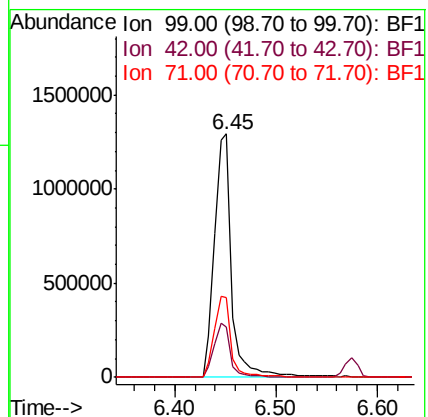
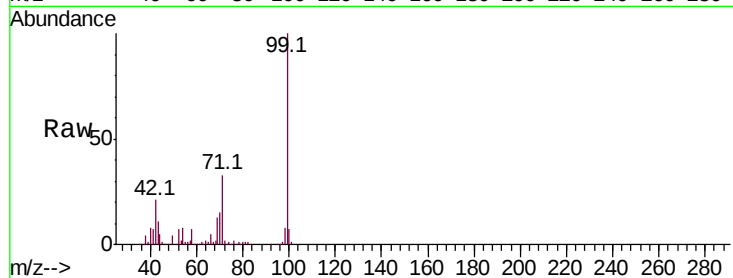
Tot Ion: 99 Resp: 1530645

Ion Ratio Lower Upper

99 100

42 20.7 17.9 26.9

71 32.9 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF114621.D

Acq: 25 May 2019 22:53

Tgt Ion: 136 Resp: 703153

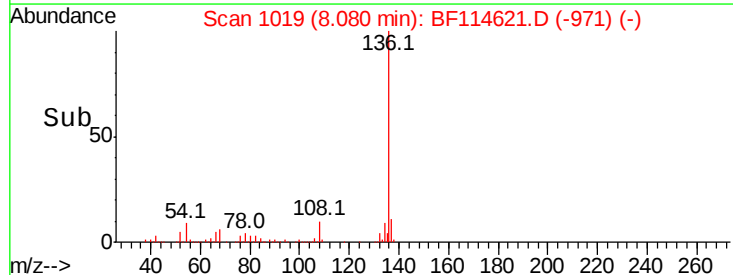
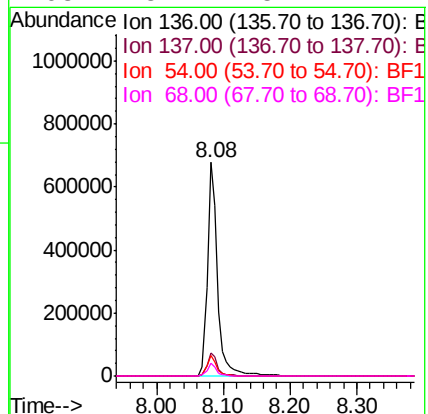
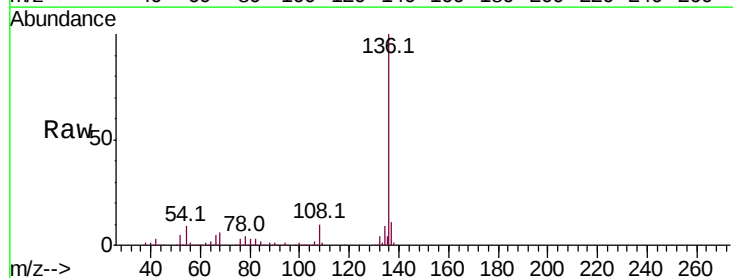
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.4 7.8 11.8

68 5.7 5.1 7.7



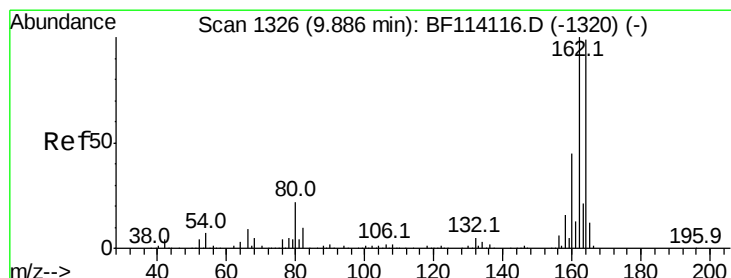
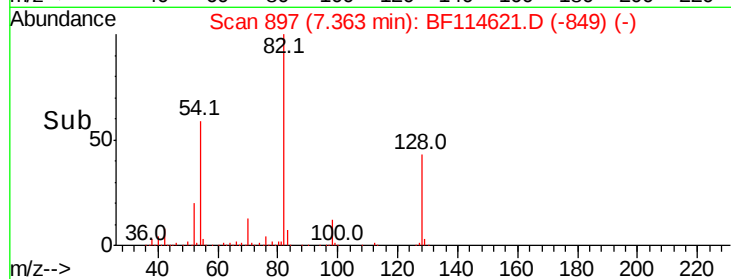
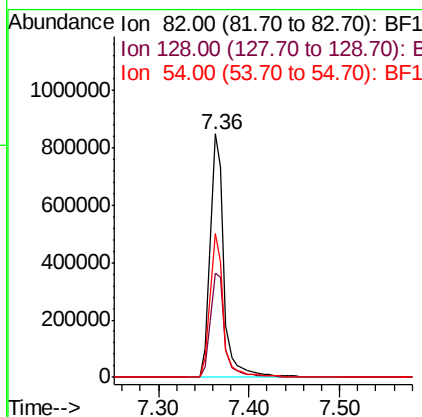
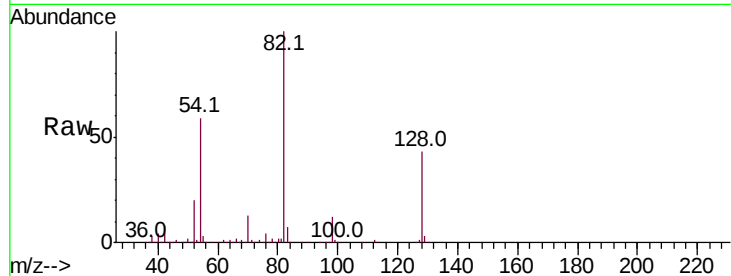


#23
 Nitrobenzene-d5
 Concen: 73.641 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BL

Tot Ion: 82 Resp: 922686

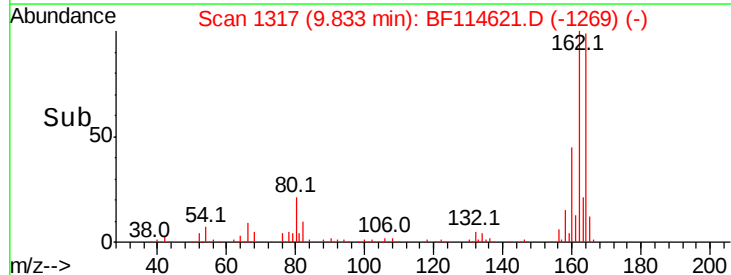
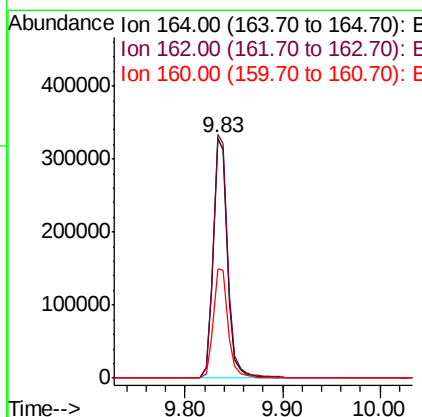
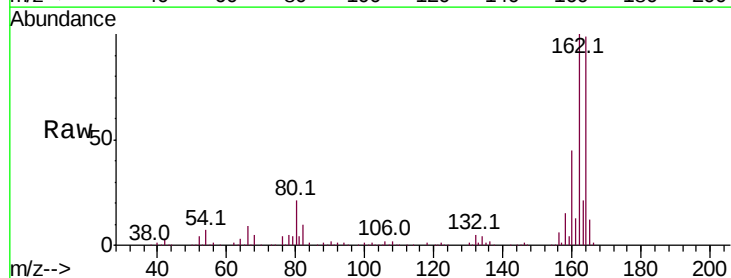
Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.5	53.3
54	59.0	48.5	72.7

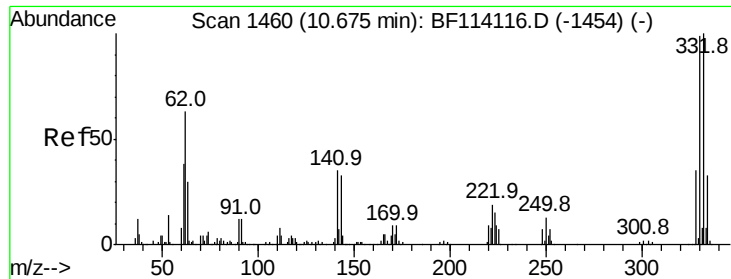


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

Tgt Ion: 164 Resp: 331954

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	45.3	36.5	54.7

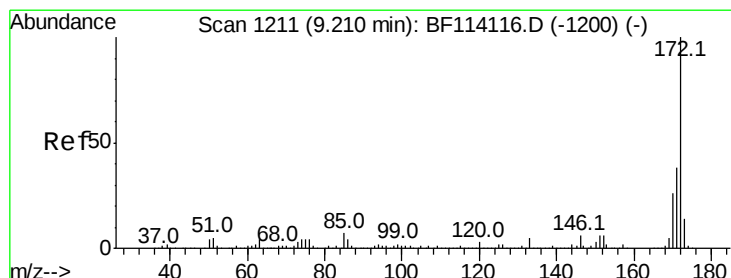
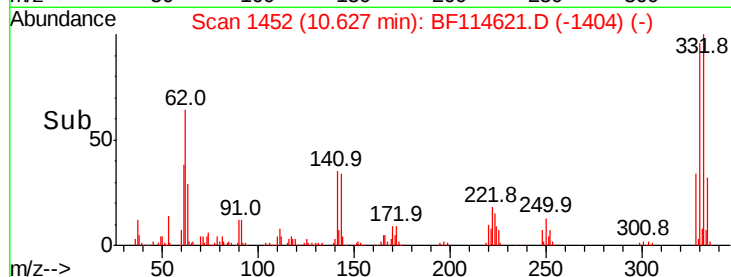
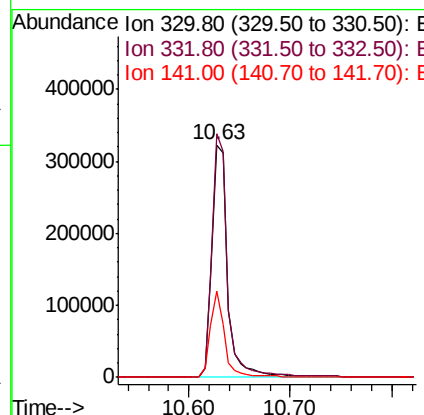
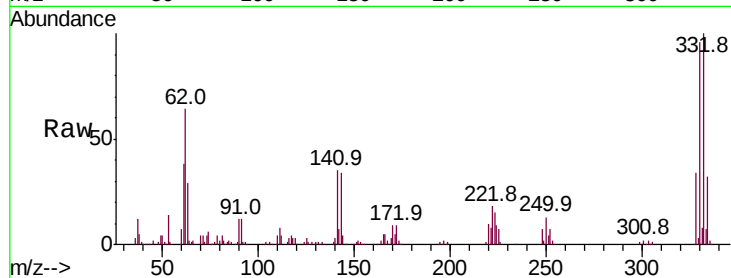




#42
 2,4,6-Tribromophenol
 Concen: 102.764 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

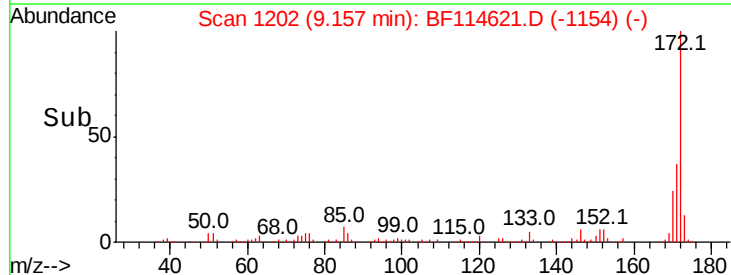
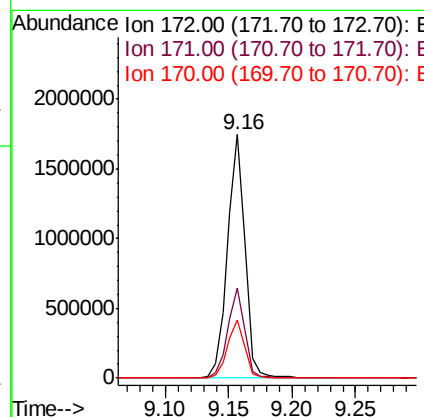
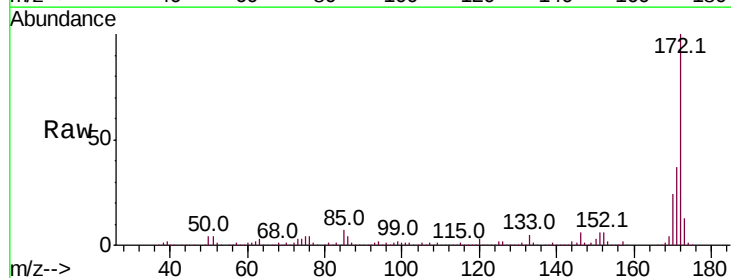
Instrument :
 BNA_F
 ClientSampleId :
 PB120034BL

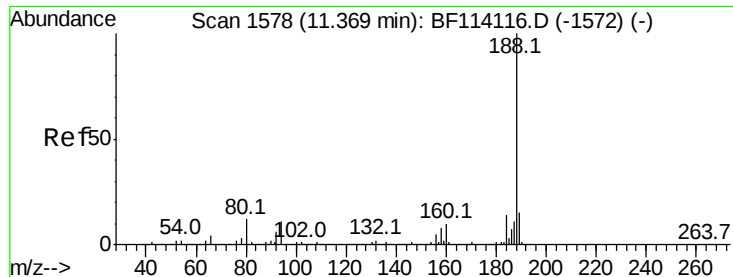
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.3	81.4	122.2
141	33.8	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 76.614 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114621.D
 Acq: 25 May 2019 22:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	23.9	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: BF114621.D

Acq: 25 May 2019 22:53

Instrument :

BNA_F

ClientSampleId :

PB120034BL

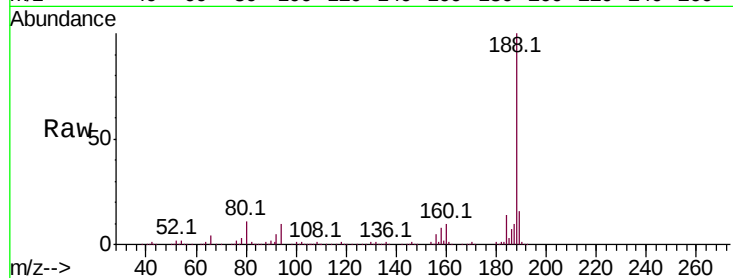
Tot Ion:188 Resp: 663953

Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

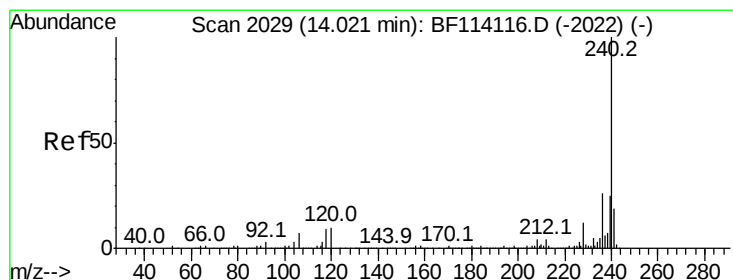
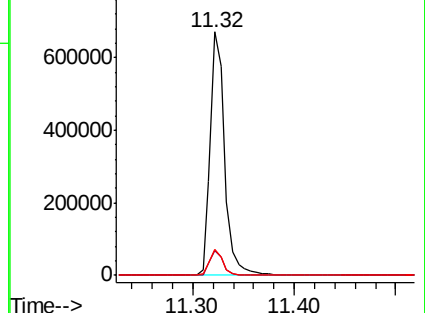
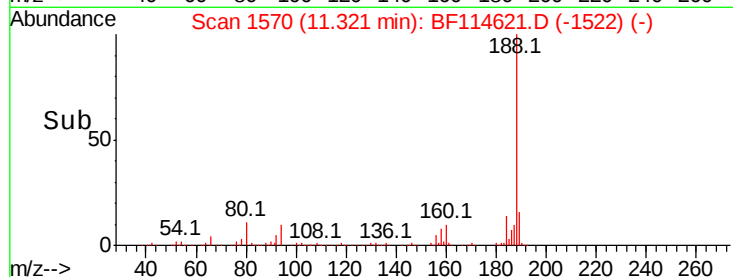
80 10.7 9.2 13.8



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: BF114621.D

Acq: 25 May 2019 22:53

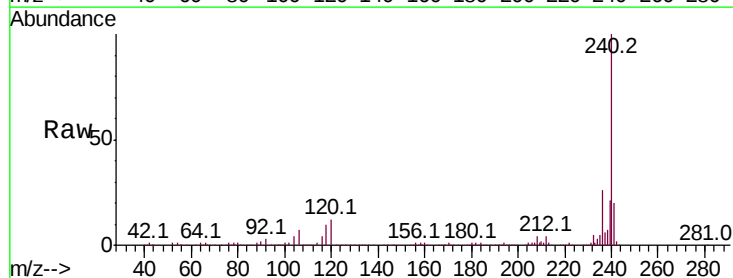
Tgt Ion:240 Resp: 482129

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

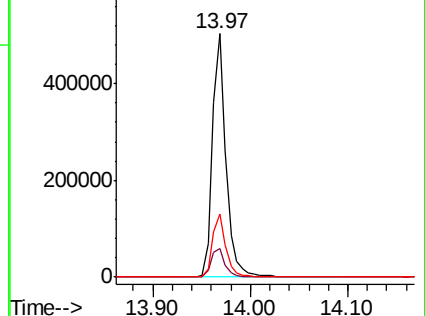
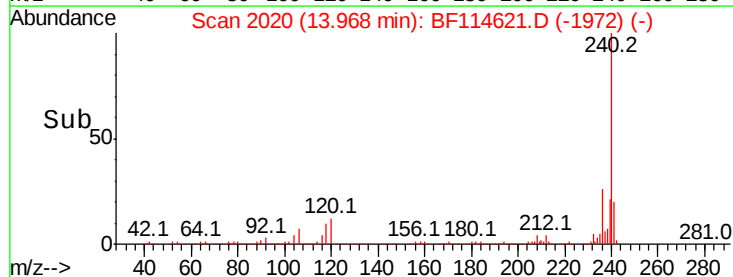
236 26.1 20.8 31.2

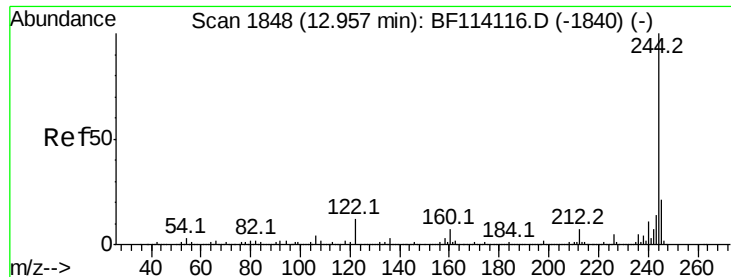


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.949 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114621.D

Acq: 25 May 2019 22:53

Instrument :

BNA_F

ClientSampleId :

PB120034BL

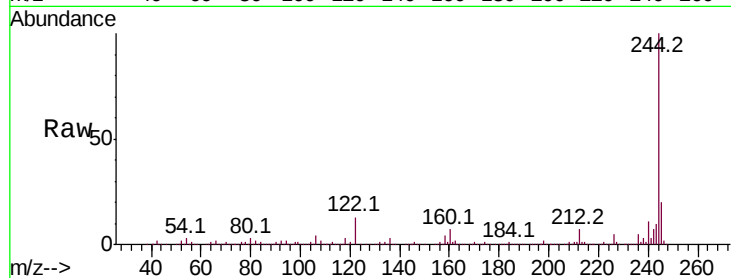
Tot Ion:244 Resp: 1635961

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

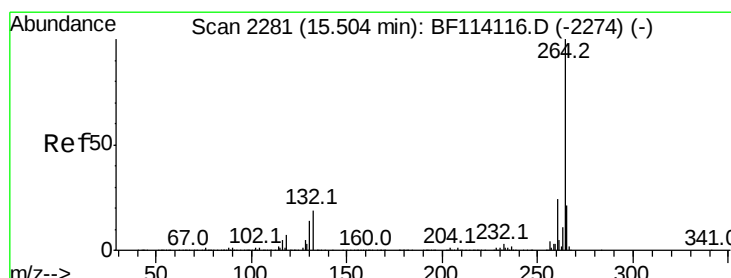
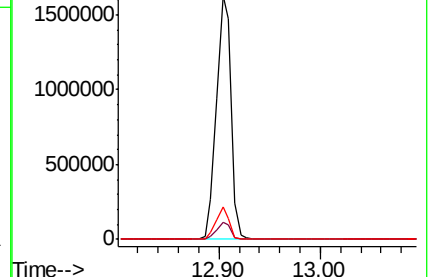
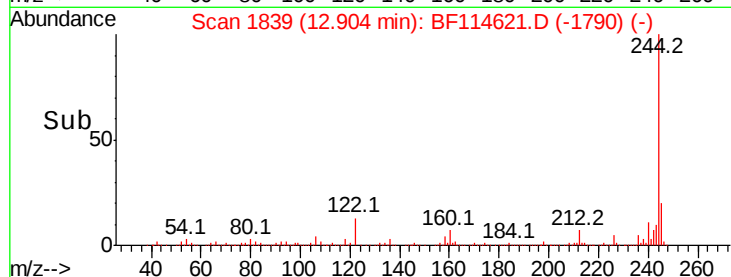
122 13.2 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114621.D

Acq: 25 May 2019 22:53

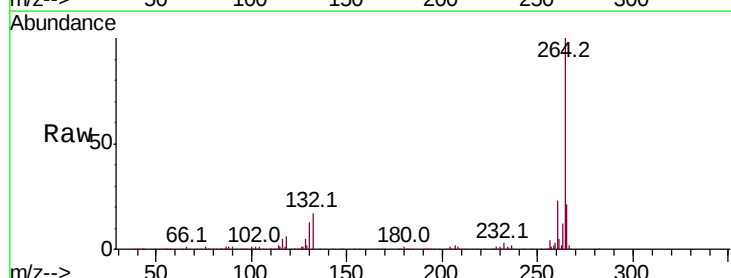
Tgt Ion:264 Resp: 465070

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

