

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
 Data File : BF114291.D
 Acq On : 15 May 2019 18:14
 Operator : JU/SJ
 Sample : PB119740BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119740BL

Quant Time: May 16 07:52:53 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 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	290977	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1118428	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	528631	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1070255	20.00	ng	0.00
76) Chrysene-d12	14.01	240	777126	20.00	ng	-0.01
87) Perylene-d12	15.48	264	731713	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1857938	102.75	ng	0.02
7) Phenol-d6	6.50	99	2511002	117.42	ng	0.00
23) Nitrobenzene-d5	7.41	82	1599915	80.28	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	597002	109.24	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2690261	76.98	ng	0.00
79) Terphenyl-d14	12.96	244	2549816	67.64	ng	0.00

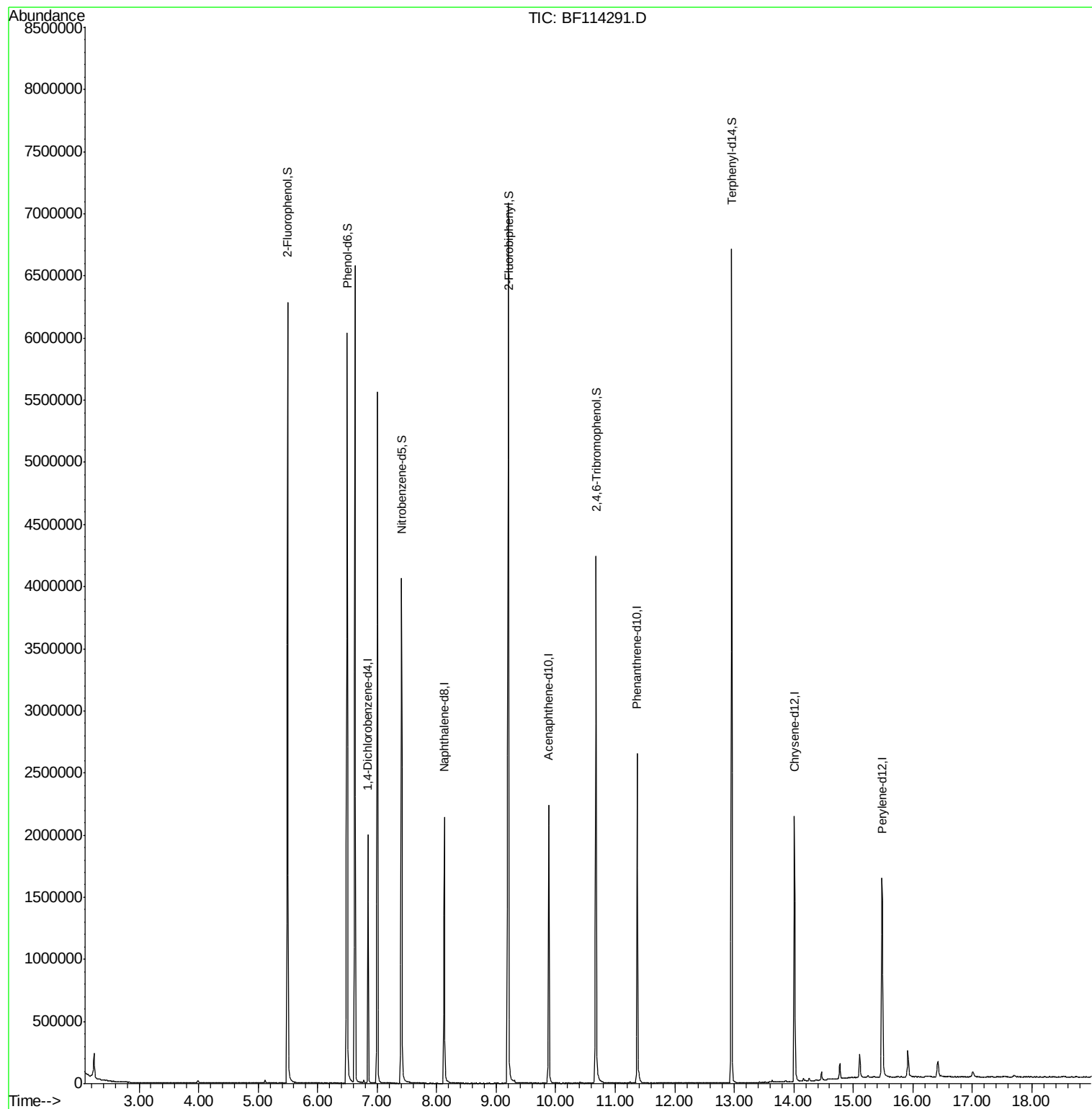
Target Compounds Qvalue

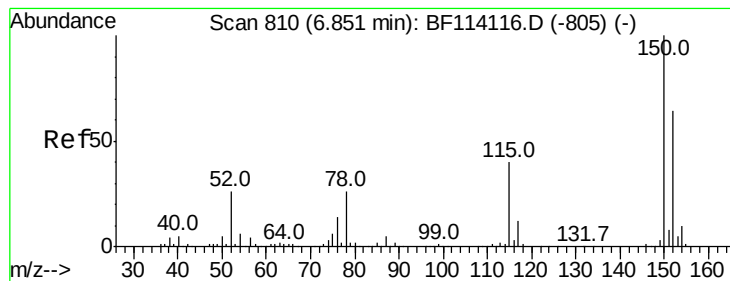
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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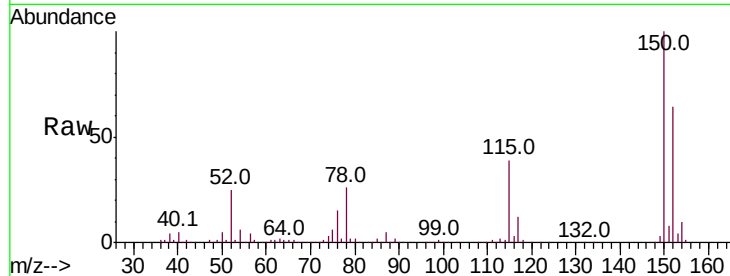


#1

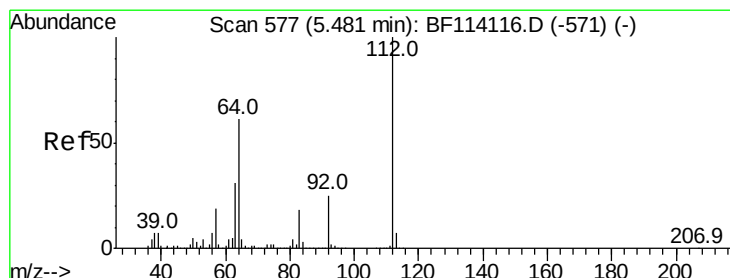
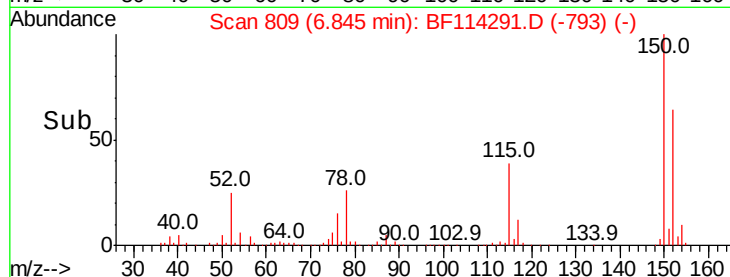
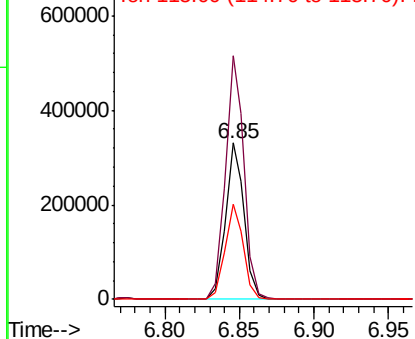
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114291.D
 Acq: 15 May 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB119740BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.3	186.5
115	60.7	49.1	73.7



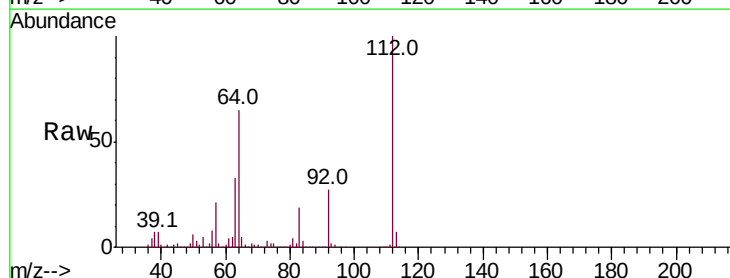
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



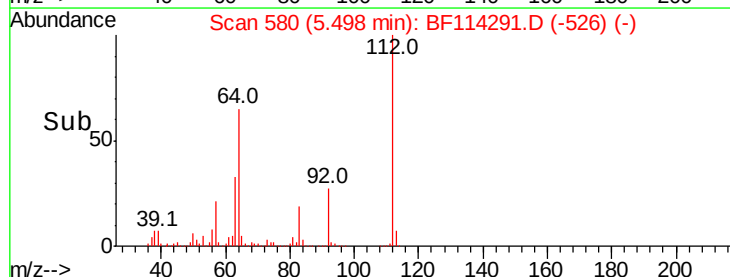
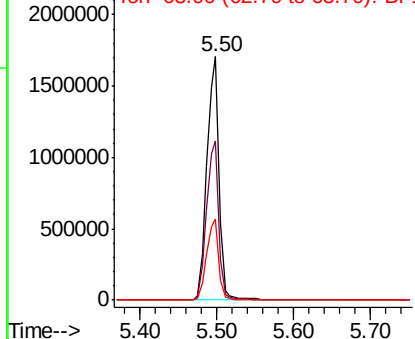
#5

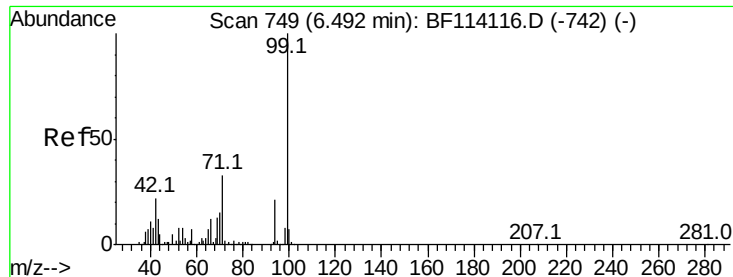
2-Fluorophenol
 Concen: 102.754 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF114291.D
 Acq: 15 May 2019 18:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	49.0	73.6
63	33.3	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: 117.416 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114291.D

Acq: 15 May 2019 18:14

Instrument :

BNA_F

ClientSampleId :

PB119740BL

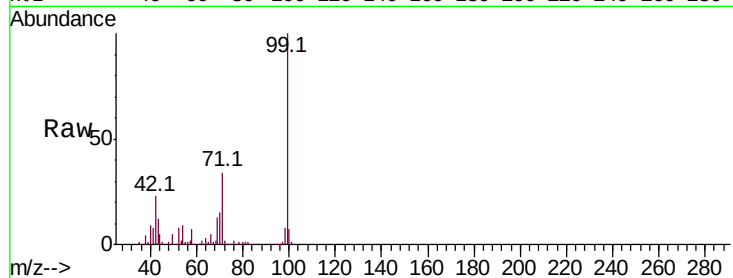
Tot Ion: 99 Resp: 2511002

Ion Ratio Lower Upper

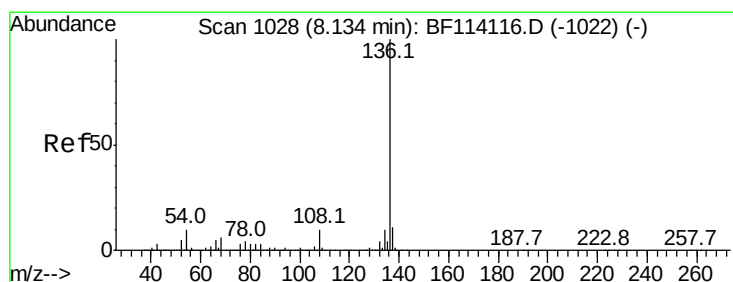
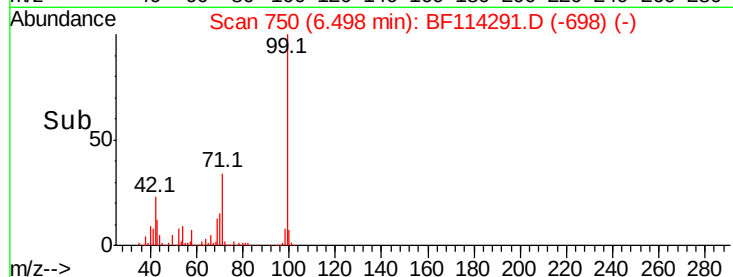
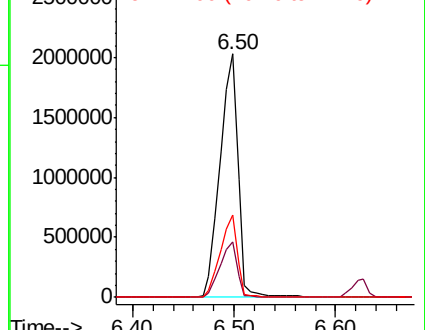
99 100

42 22.6 17.9 26.9

71 33.6 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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114291.D

Acq: 15 May 2019 18:14

Tgt Ion: 136 Resp: 1118428

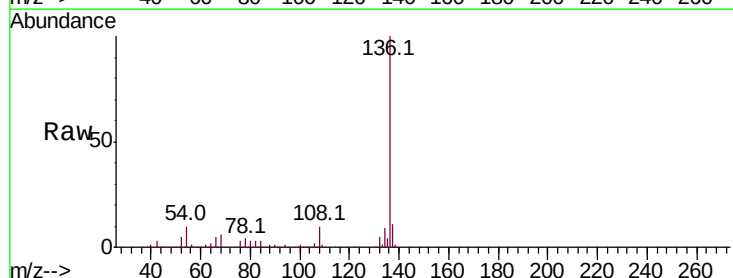
Ion Ratio Lower Upper

136 100

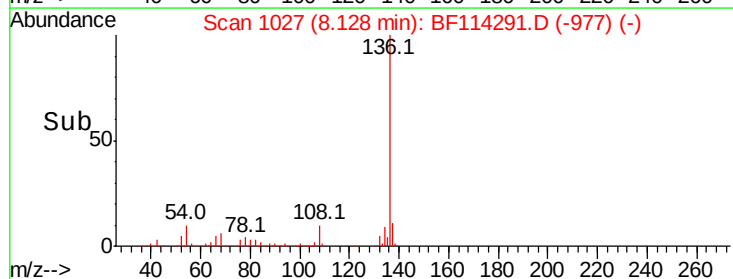
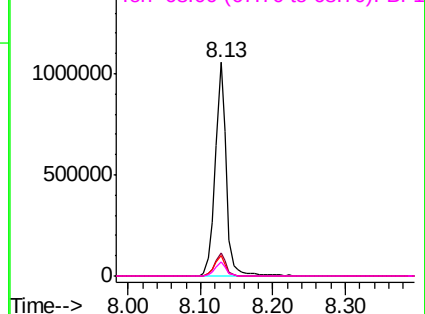
137 11.0 8.8 13.2

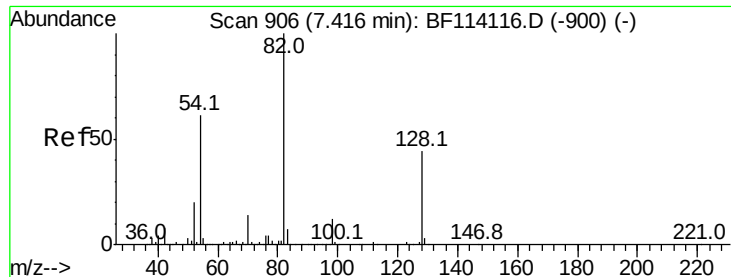
54 9.7 7.8 11.8

68 6.4 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: 80.280 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114291.D

Acq: 15 May 2019 18:14

Instrument :

BNA_F

ClientSampleId :

PB119740BL

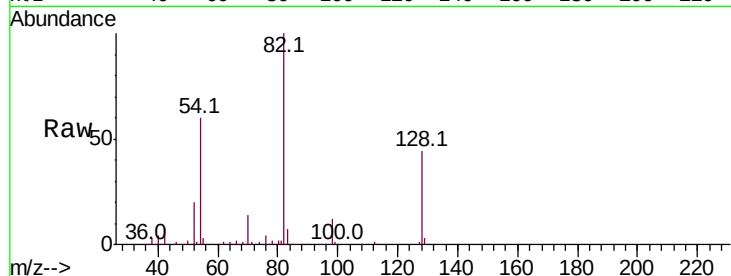
Tot Ion: 82 Resp: 1599915

Ion Ratio Lower Upper

82 100

128 44.4 35.5 53.3

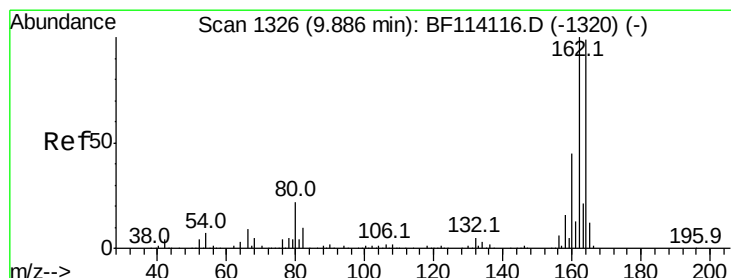
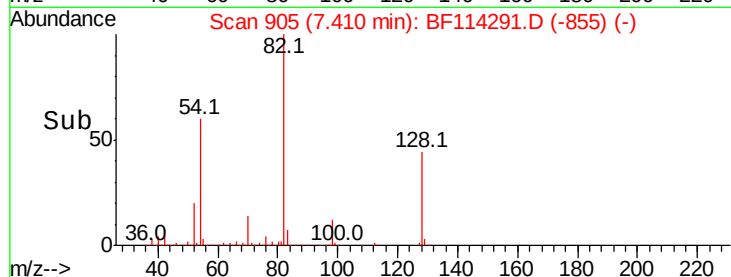
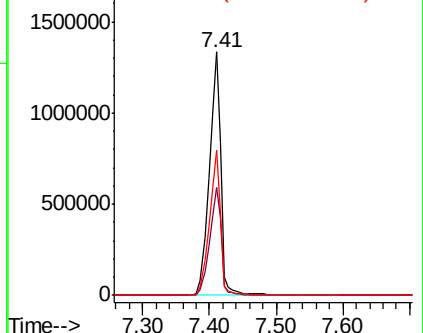
54 59.7 48.5 72.7



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114291.D

Acq: 15 May 2019 18:14

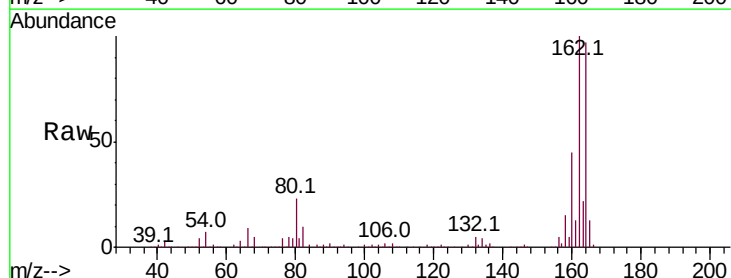
Tgt Ion:164 Resp: 528631

Ion Ratio Lower Upper

164 100

162 103.1 80.6 120.8

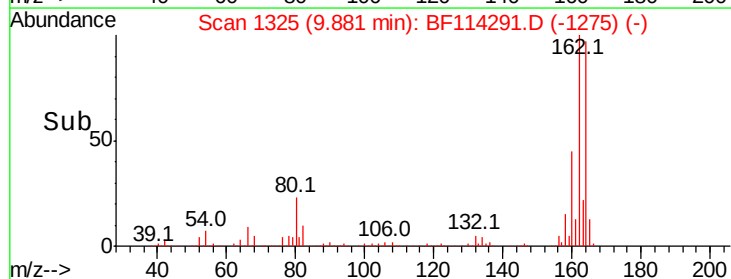
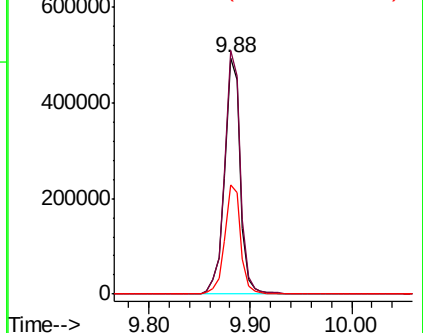
160 46.2 36.5 54.7

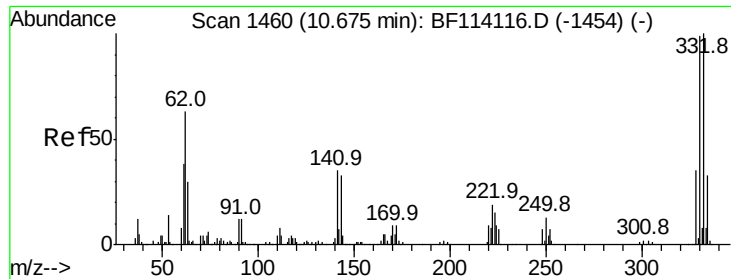


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

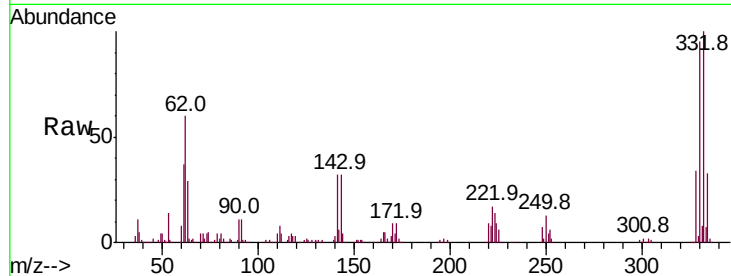




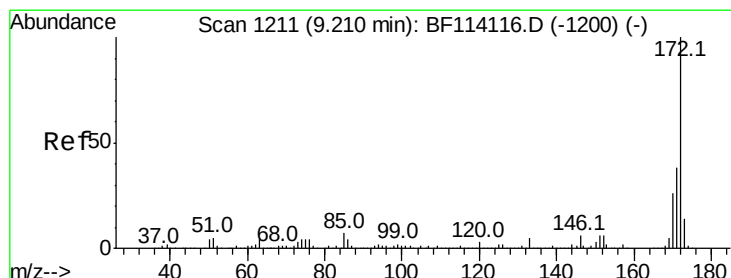
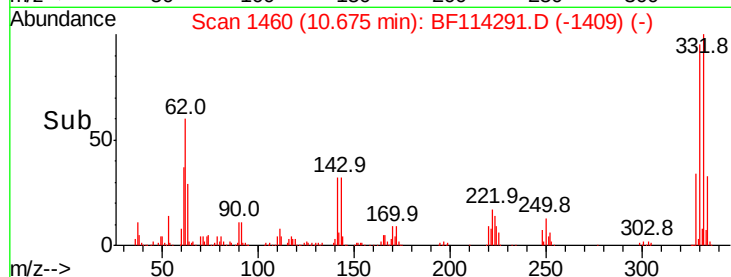
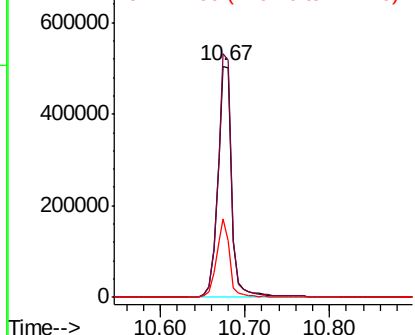
#42
 2,4,6-Tribromophenol
 Concen: 109.238 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF114291.D
 Acq: 15 May 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB119740BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.2	81.4	122.2
141	32.4	26.6	40.0

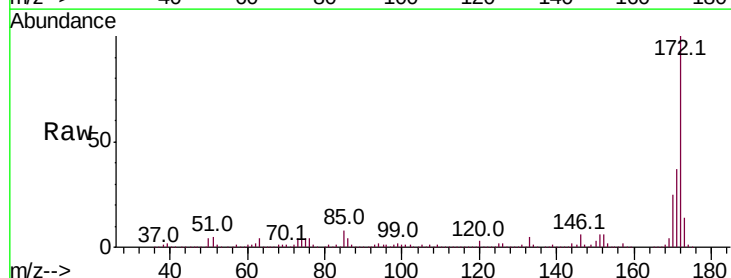


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

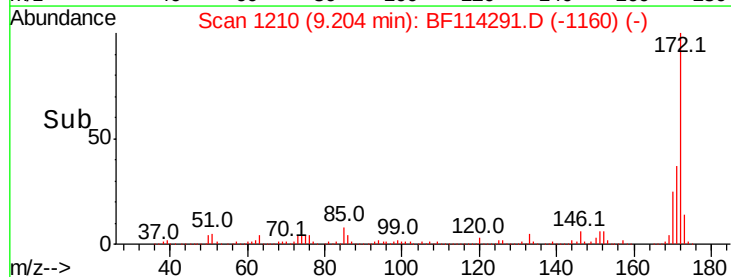
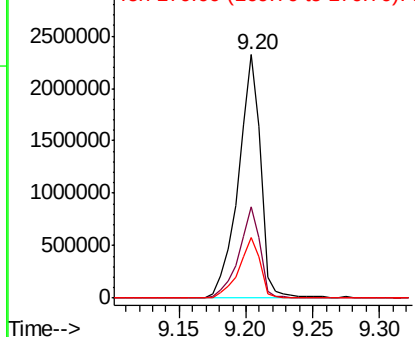


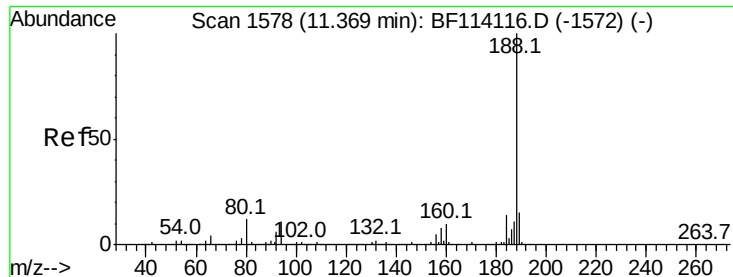
#45
 2-Fluorobiphenyl
 Concen: 76.981 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114291.D
 Acq: 15 May 2019 18:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.7	46.1
170	24.8	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

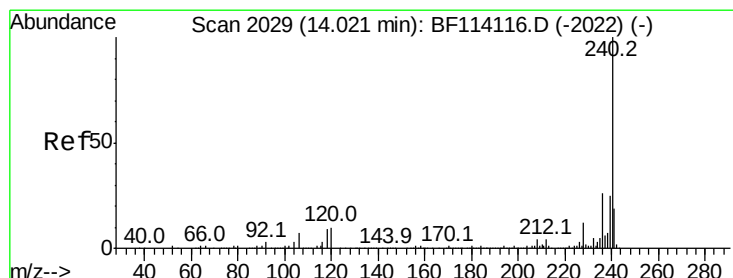
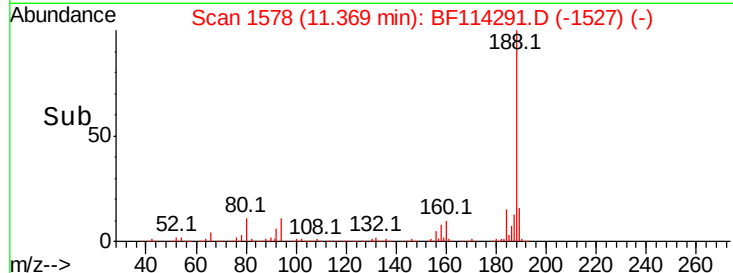
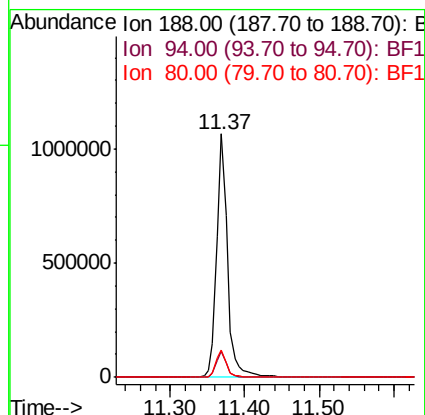
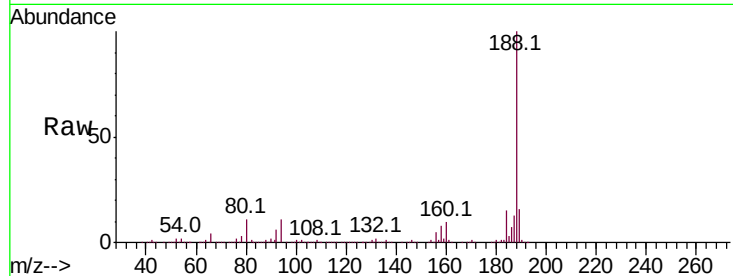




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114291.D
Acq: 15 May 2019 18:14

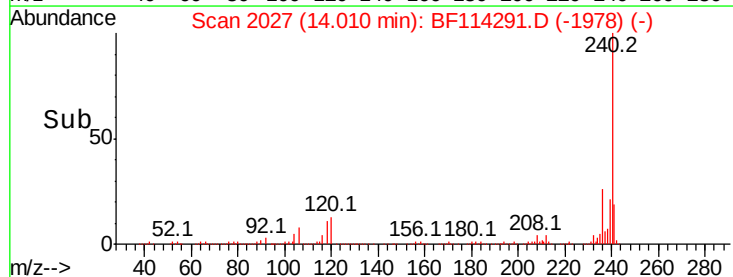
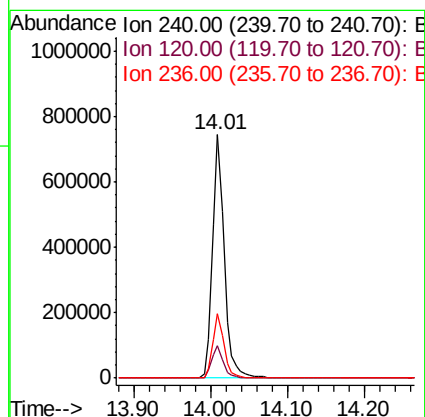
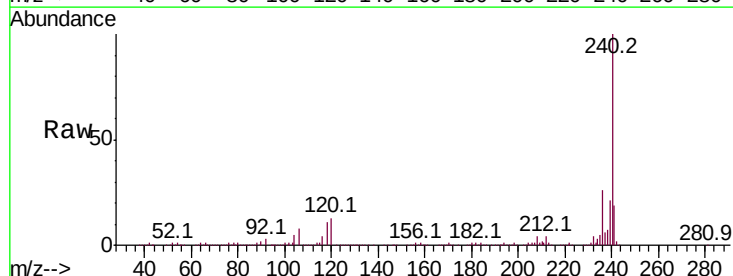
Instrument :
BNA_F
ClientSampleId :
PB119740BL

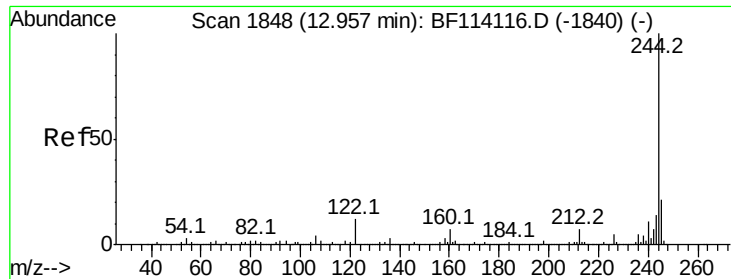
Tot Ion:188 Resp: 1070255
Ion Ratio Lower Upper
188 100
94 10.9 8.4 12.6
80 11.1 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114291.D
Acq: 15 May 2019 18:14

Tgt Ion:240 Resp: 777126
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 67.637 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114291.D

Acq: 15 May 2019 18:14

Instrument :

BNA_F

ClientSampleId :

PB119740BL

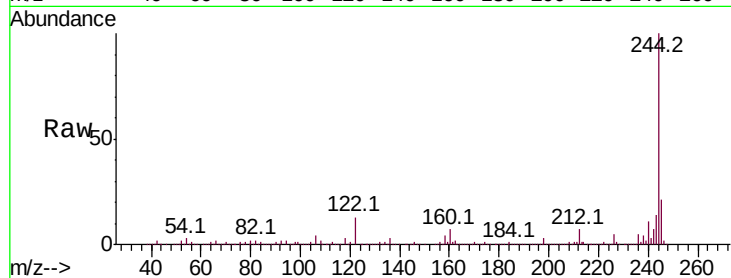
Tot Ion:244 Resp: 2549816

Ion Ratio Lower Upper

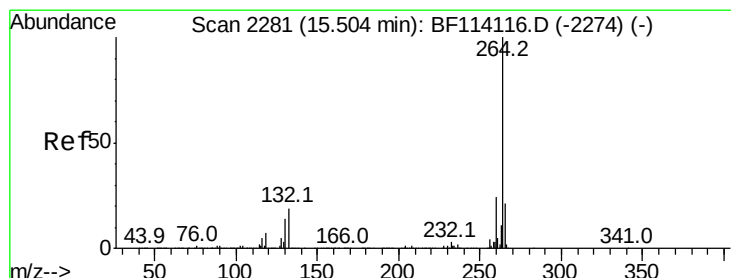
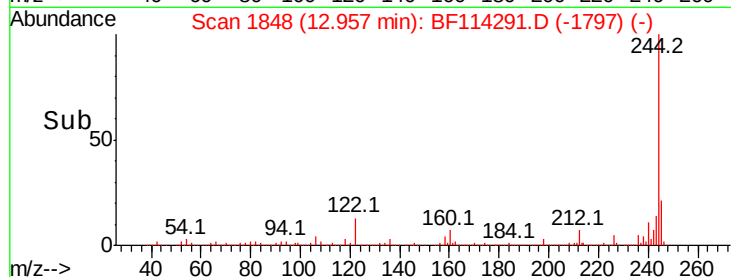
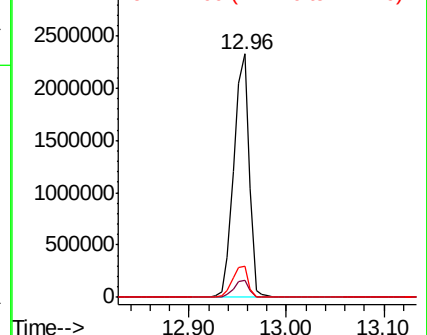
244 100

212 7.2 5.8 8.6

122 12.9 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: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF114291.D

Acq: 15 May 2019 18:14

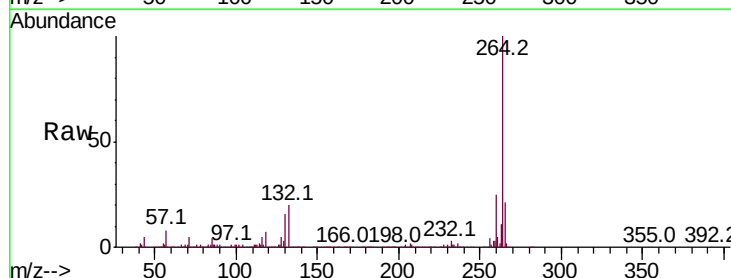
Tgt Ion:264 Resp: 731713

Ion Ratio Lower Upper

264 100

260 24.6 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

