

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
 Data File : BF114280.D
 Acq On : 15 May 2019 12:53
 Operator : JU/SJ
 Sample : PB119713BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119713BL

Quant Time: May 16 07:25:03 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	278880	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1055863	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	502593	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1005059	20.00	ng	0.00
76) Chrysene-d12	14.02	240	749480	20.00	ng	0.00
87) Perylene-d12	15.52	264	742951	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1798157	103.76	ng	0.02
7) Phenol-d6	6.50	99	2421997	118.17	ng	0.00
23) Nitrobenzene-d5	7.41	82	1527093	81.17	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	561142	108.00	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2560746	77.07	ng	0.00
79) Terphenyl-d14	12.96	244	2530787	69.61	ng	0.00

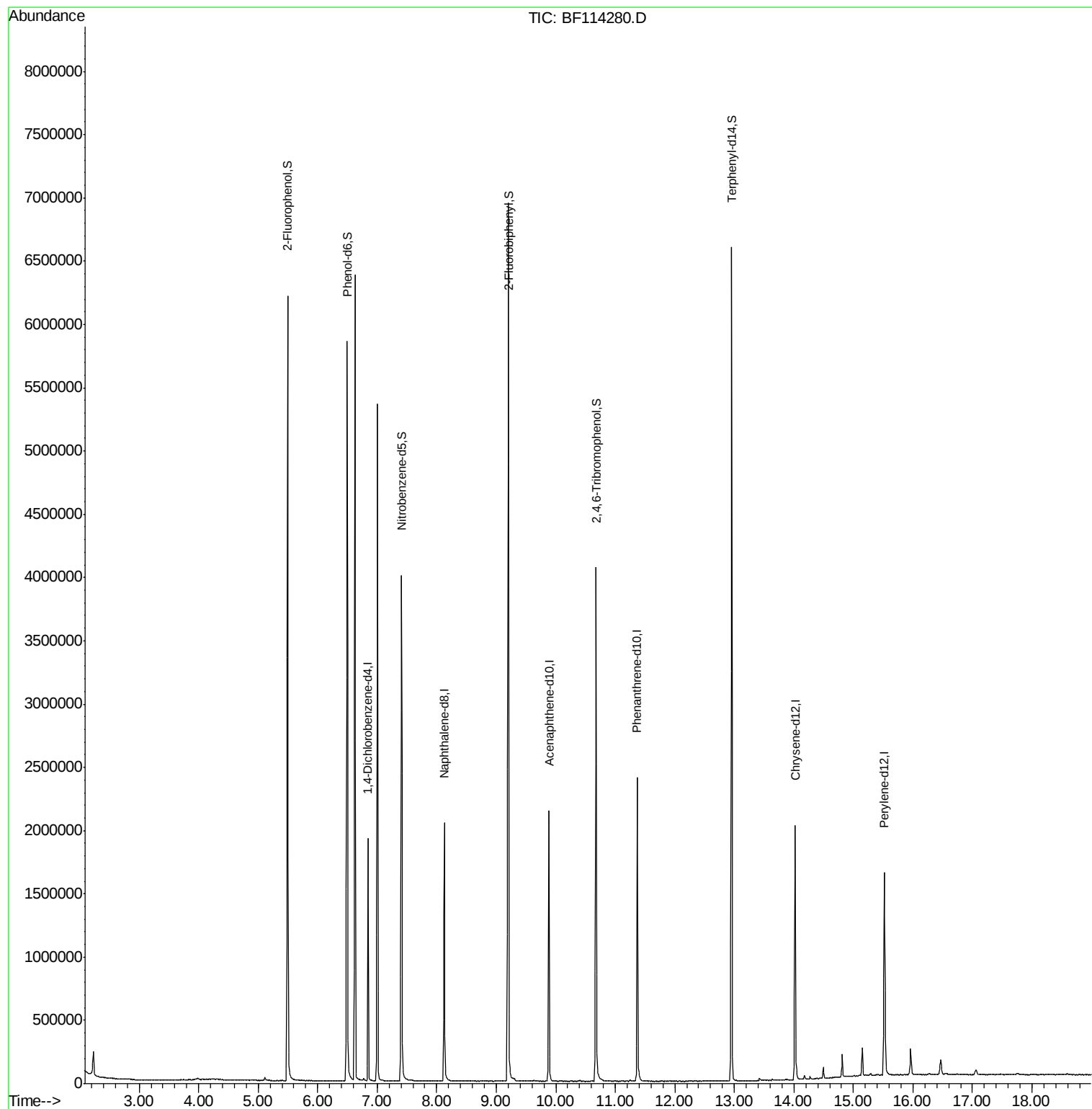
Target Compounds Qvalue

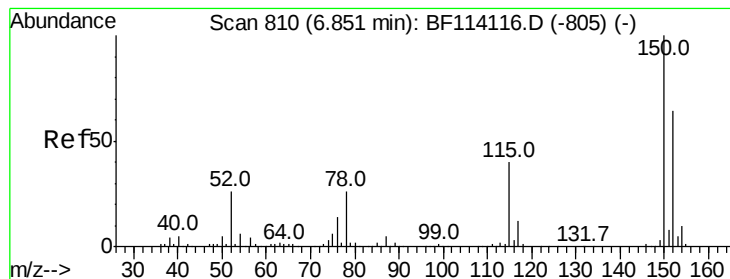
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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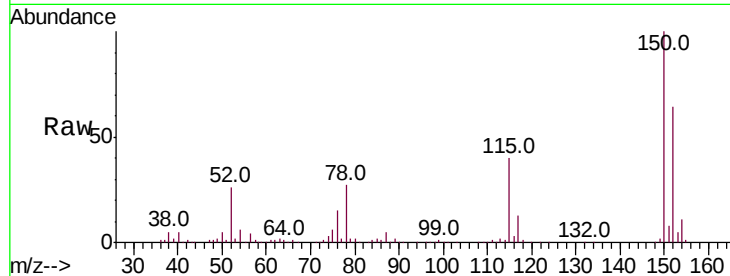


#1

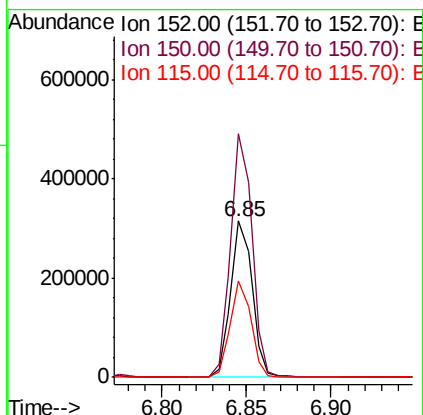
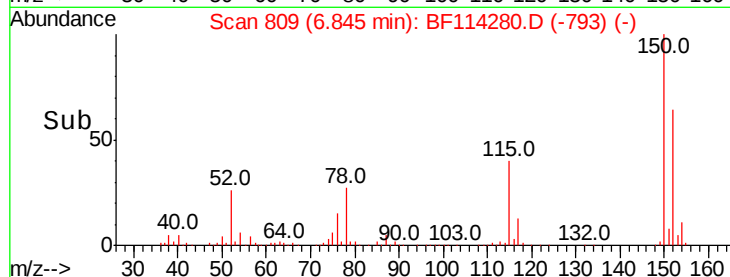
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114280.D
Acq: 15 May 2019 12:53

Instrument :
BNA_F
ClientSampleId :
PB119713BL

Tot Ion:152 Resp: 278880
Ion Ratio Lower Upper
152 100
150 155.9 124.3 186.5
115 62.1 49.1 73.7



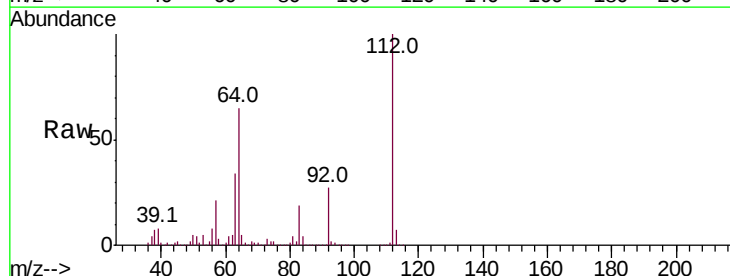
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



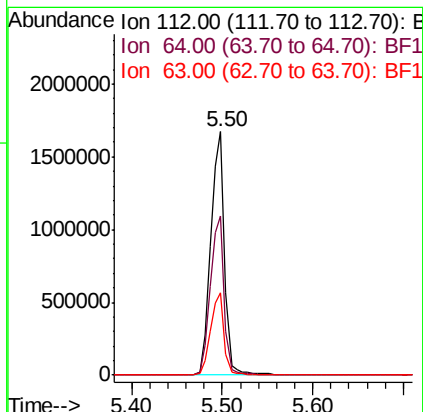
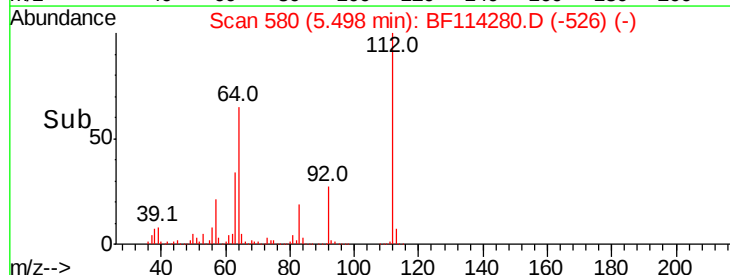
#5

2-Fluorophenol
Concen: 103.762 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114280.D
Acq: 15 May 2019 12:53

Tgt Ion:112 Resp: 1798157
Ion Ratio Lower Upper
112 100
64 65.4 49.0 73.6
63 33.7 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: 118.167 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114280.D

Acq: 15 May 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB119713BL

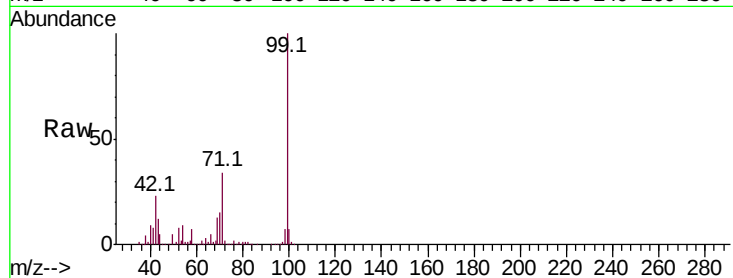
Tot Ion: 99 Resp: 2421997

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

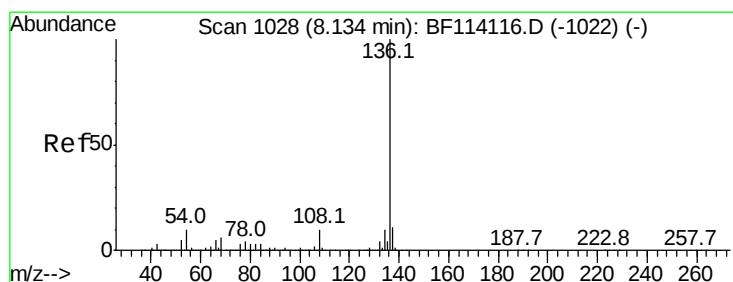
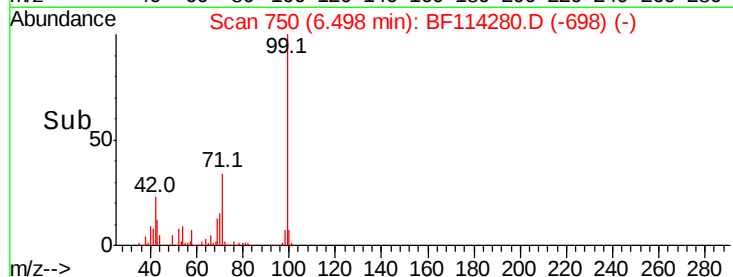
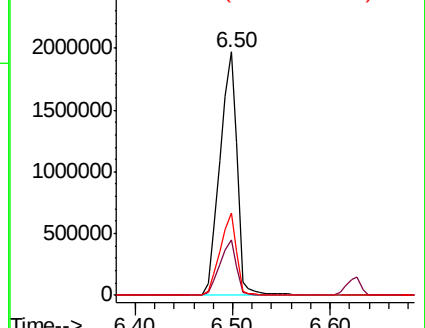
71 33.6 26.2 39.2



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: BF114280.D

Acq: 15 May 2019 12:53

Tgt Ion:136 Resp: 1055863

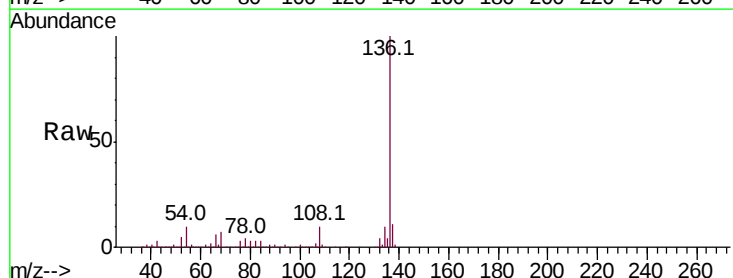
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.7 7.8 11.8

68 6.8 5.1 7.7

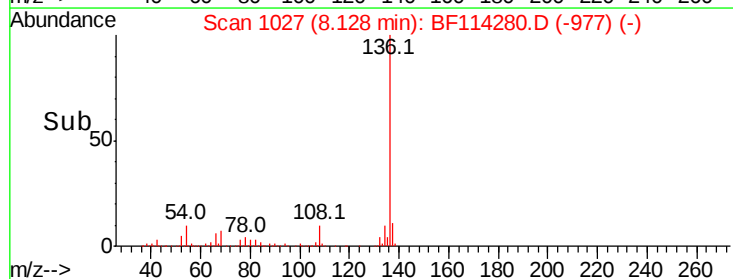
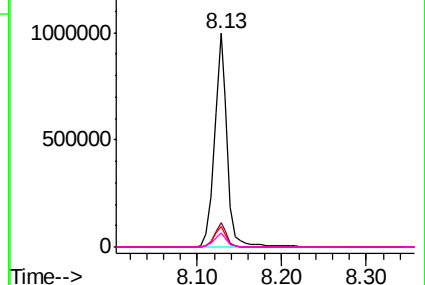


Abundance Ion 136.00 (135.70 to 136.70): E

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



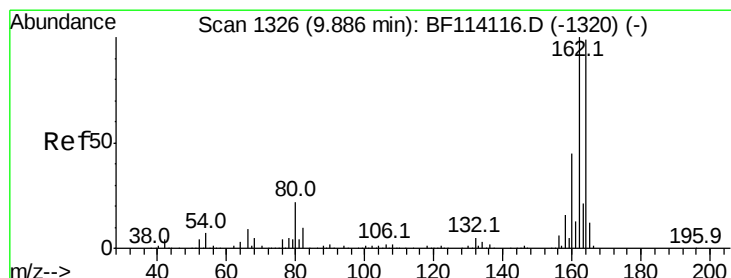
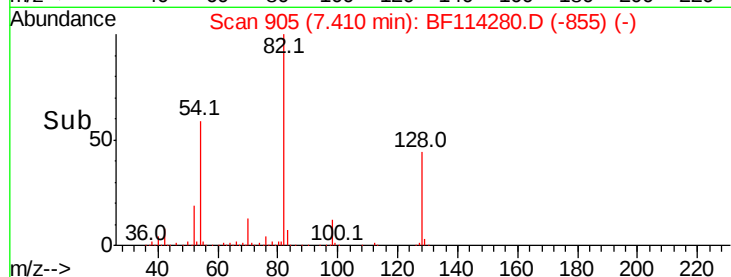
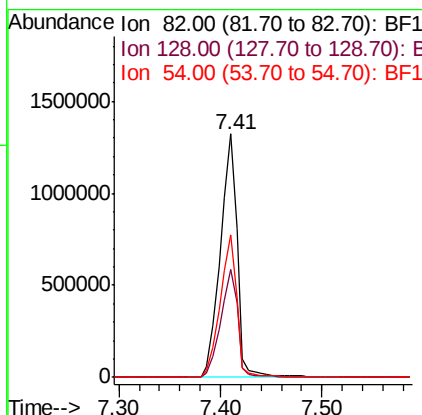
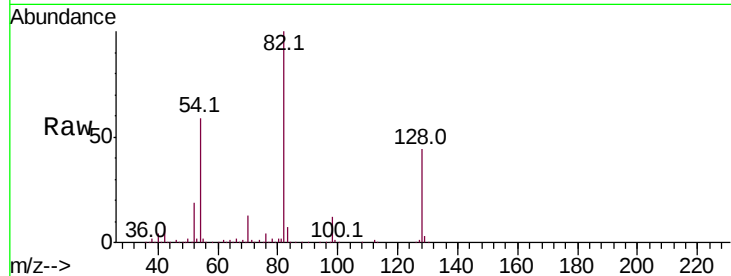


#23
 Nitrobenzene-d5
 Concen: 81.166 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114280.D
 Acq: 15 May 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119713BL

Tot Ion: 82 Resp: 1527093

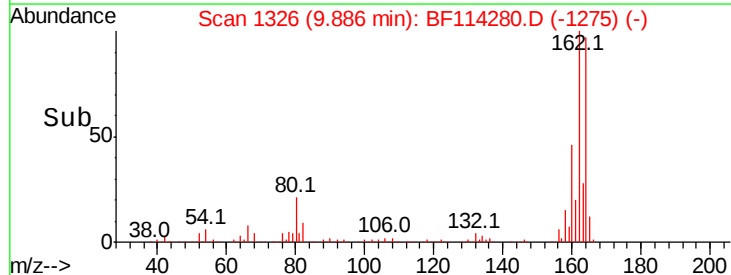
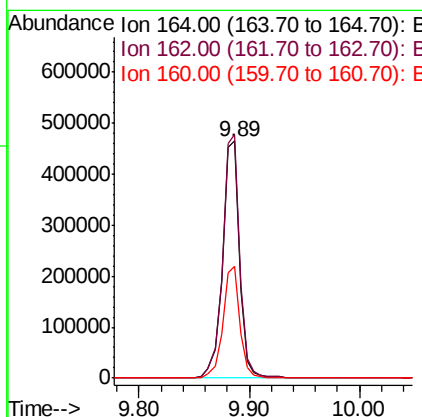
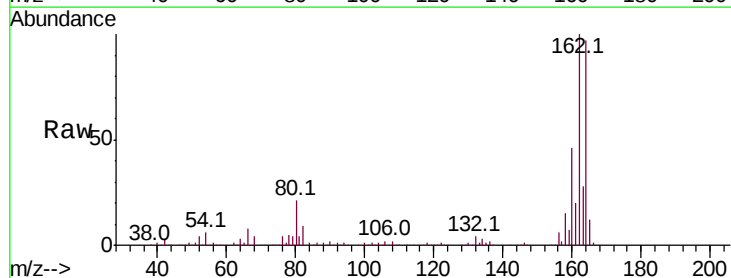
Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.5	53.3
54	58.8	48.5	72.7

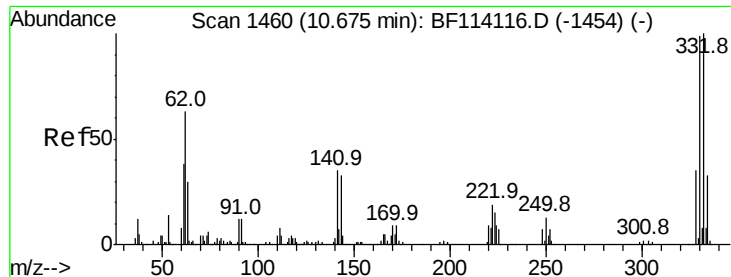


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114280.D
 Acq: 15 May 2019 12:53

Tgt Ion: 164 Resp: 502593

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	47.1	36.5	54.7

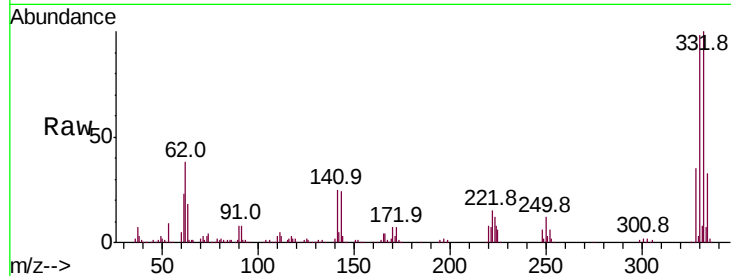




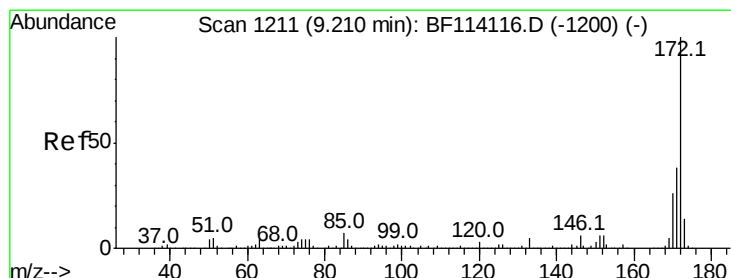
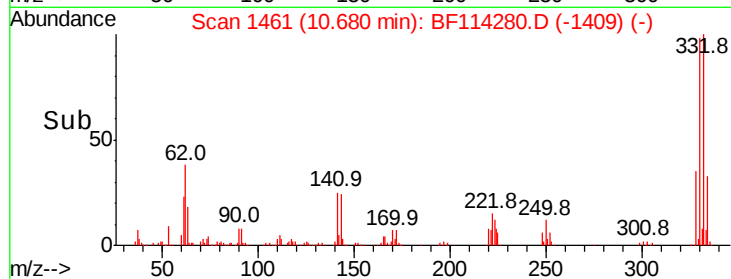
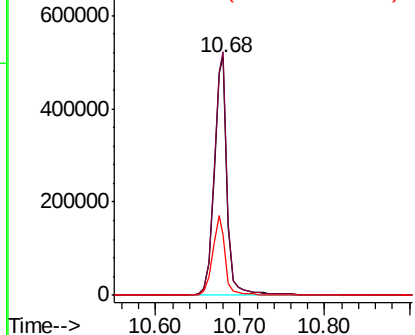
#42
 2,4,6-Tribromophenol
 Concen: 107.996 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114280.D
 Acq: 15 May 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB119713BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.4	81.4	122.2
141	32.9	26.6	40.0

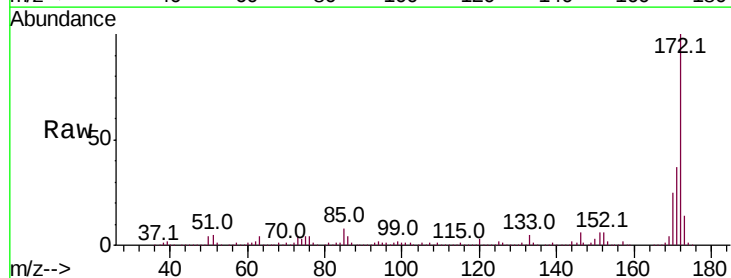


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

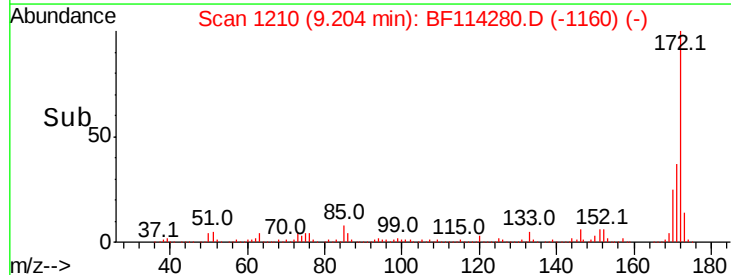
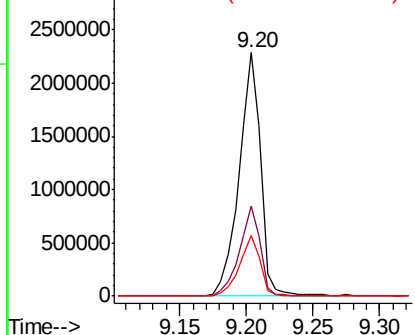


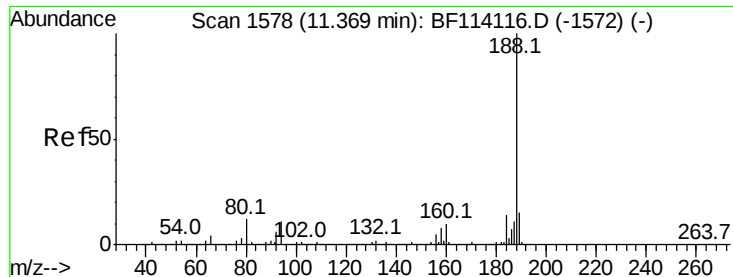
#45
 2-Fluorobiphenyl
 Concen: 77.071 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114280.D
 Acq: 15 May 2019 12:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.7	46.1
170	24.7	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: BF114280.D

Acq: 15 May 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB119713BL

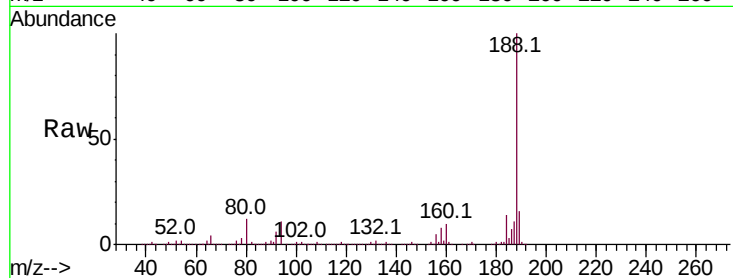
Tot Ion:188 Resp: 1005059

Ion Ratio Lower Upper

188 100

94 10.9 8.4 12.6

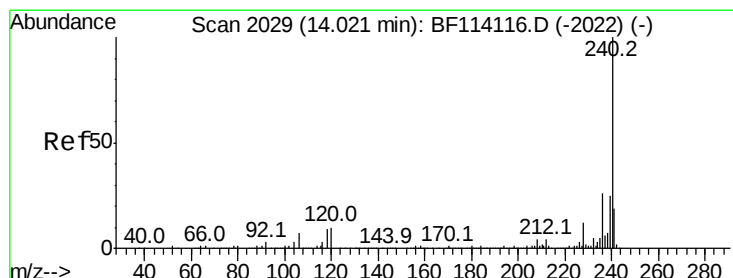
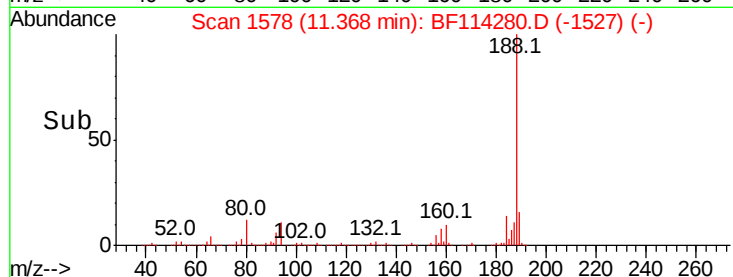
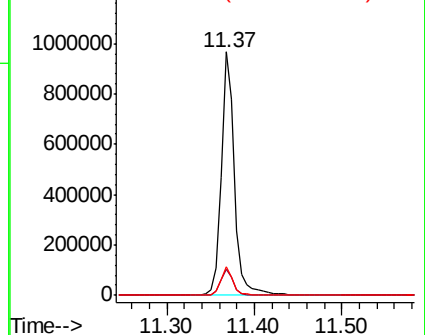
80 11.6 9.2 13.8



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: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114280.D

Acq: 15 May 2019 12:53

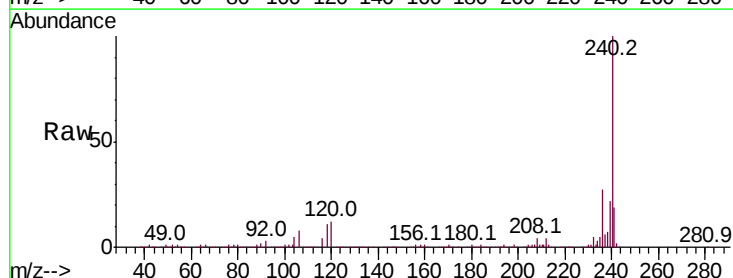
Tgt Ion:240 Resp: 749480

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

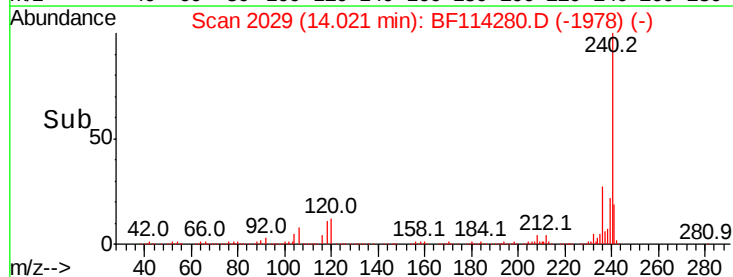
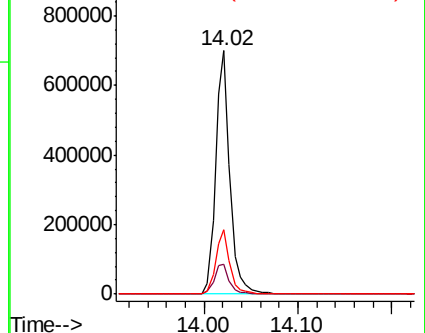
236 26.5 20.8 31.2

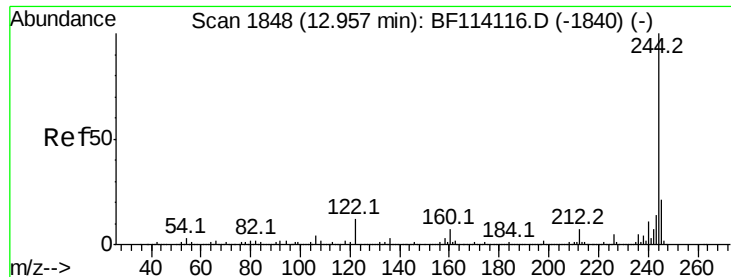


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.609 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114280.D

Acq: 15 May 2019 12:53

Instrument :

BNA_F

ClientSampleId :

PB119713BL

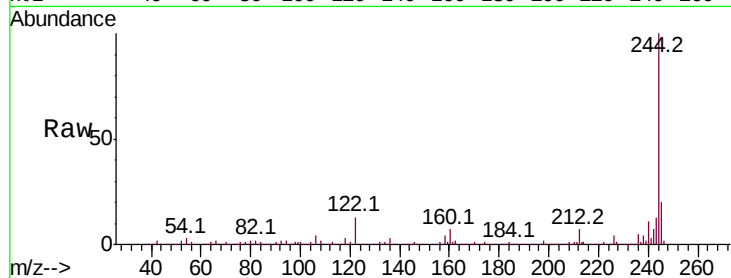
Tot Ion:244 Resp: 2530787

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

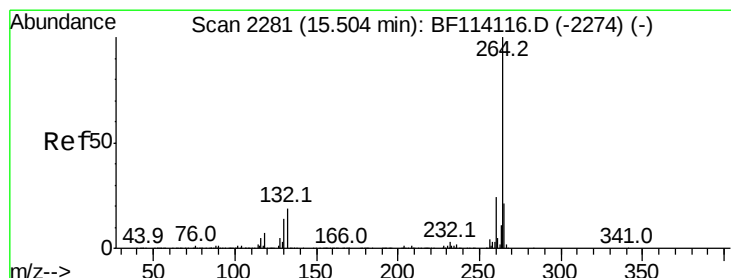
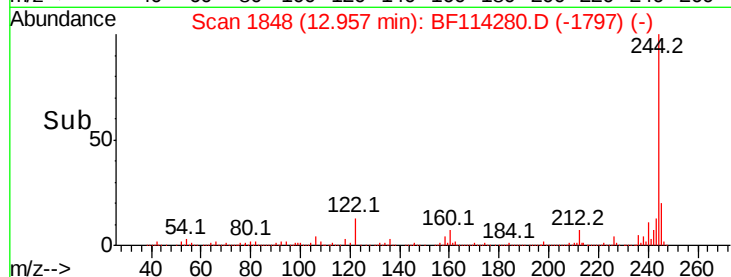
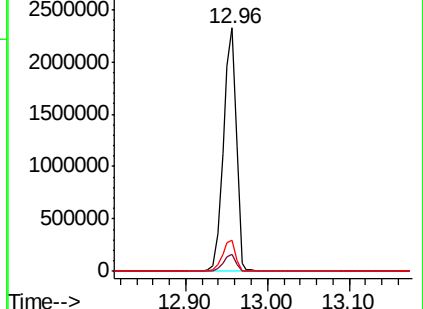
122 12.8 9.4 14.2



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: 15.52 min Scan# 2284

Delta R.T. 0.02 min

Lab File: BF114280.D

Acq: 15 May 2019 12:53

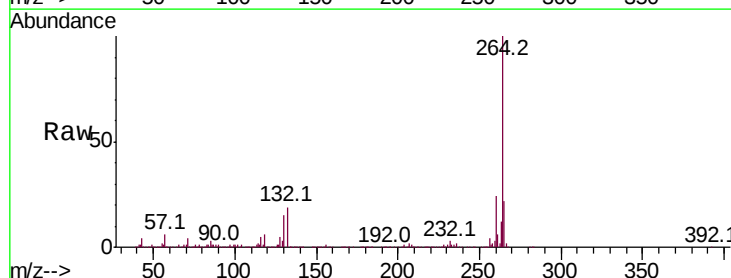
Tgt Ion:264 Resp: 742951

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.6 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

