

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114686.D
 Acq On : 31 May 2019 2:58
 Operator : HP/JU
 Sample : K3065-08 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-14-11-12.0

Quant Time: May 31 12:04:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

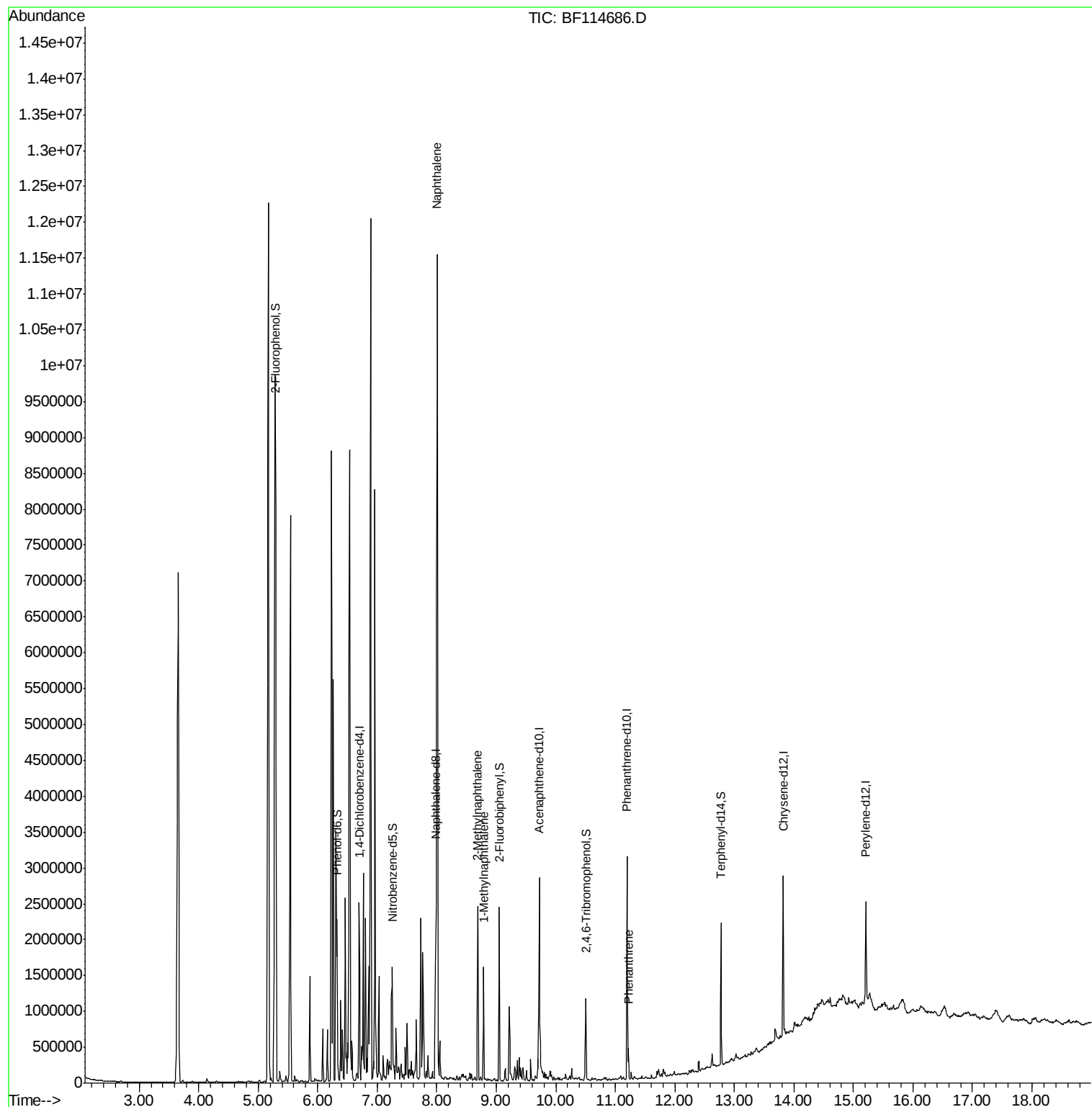
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	345447	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1287791	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	566236	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1034040	20.00	ng	0.00
76) Chrysene-d12	13.82	240	706709	20.00	ng	0.00
87) Perylene-d12	15.21	264	582122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	479055	24.35	ng	0.00
7) Phenol-d6	6.32	99	748522	31.57	ng	0.00
23) Nitrobenzene-d5	7.25	82	354774	17.19	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	133585	24.76	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	651340	6.91	ng	0.00
79) Terphenyl-d14	12.77	244	690896	18.38	ng	0.00
Target Compounds						
31) Naphthalene	8.01	128	6109649	102.998	ng	Qvalue # 92
37) 2-Methylnaphthalene	8.69	142	677473	17.189	ng	97
38) 1-Methylnaphthalene	8.79	142	370158	9.913	ng	98
71) Phenanthrene	11.22	178	153404	2.908	ng	95

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

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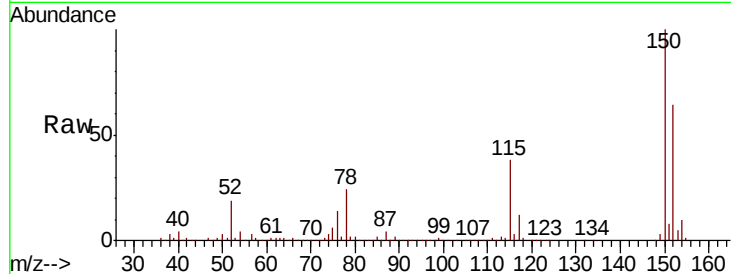


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF114686.D
 Acq: 31 May 2019 2:58

Instrument :
 BNA_F
 ClientSampleId :
 B-14-11-12.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.4	186.6
115	59.7	48.7	73.1

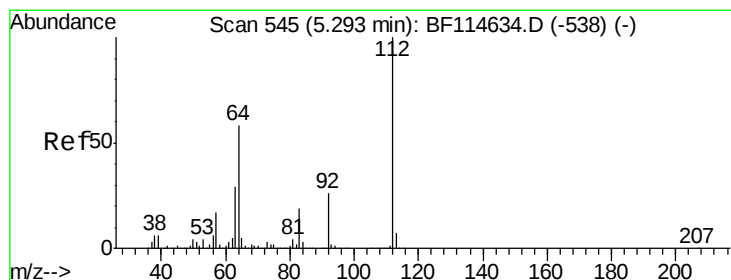
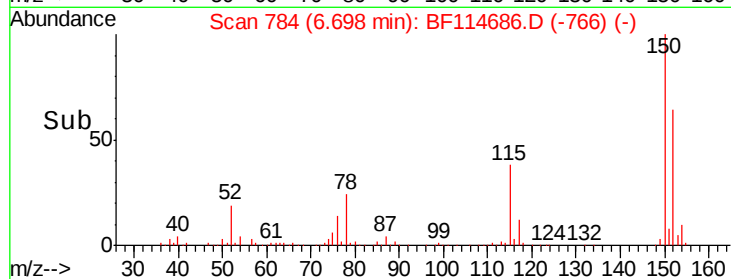
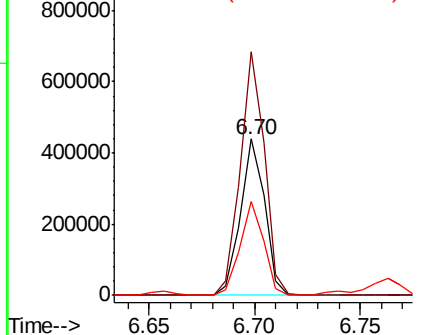


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

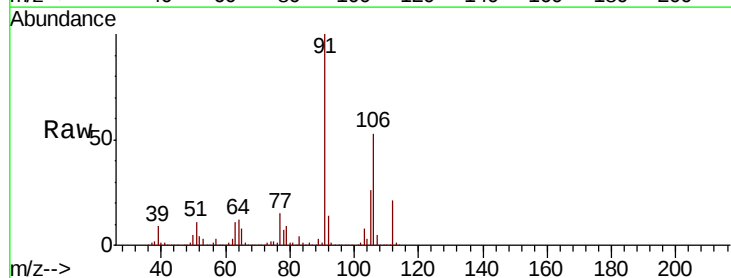
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 24.348 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.01 min
 Lab File: BF114686.D
 Acq: 31 May 2019 2:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.1	69.1
63	53.5	23.4	35.2

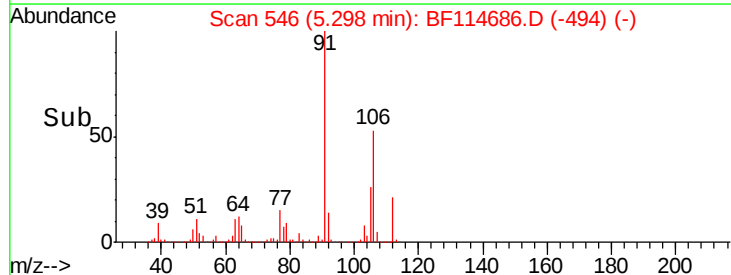
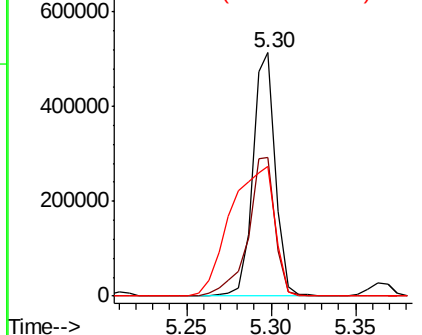


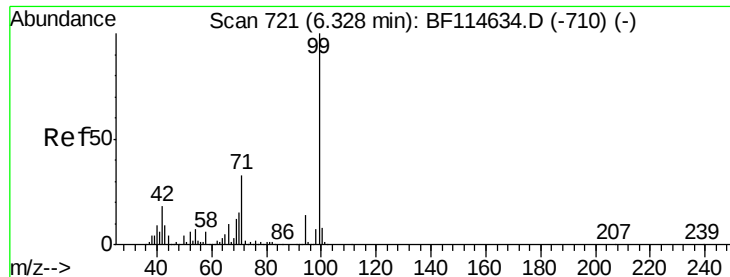
Abundance

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: 31.570 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114686.D

Acq: 31 May 2019 2:58

Instrument :

BNA_F

ClientSampled :

B-14-11-12.0

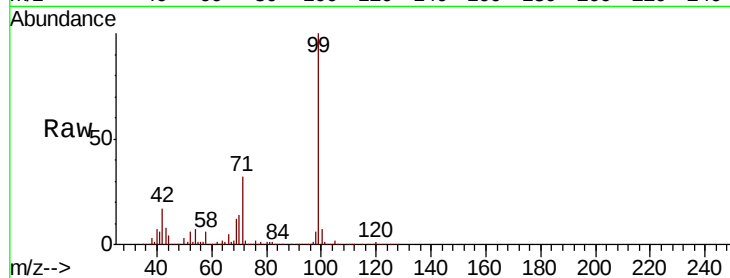
Tot Ion: 99 Resp: 748522

Ion Ratio Lower Upper

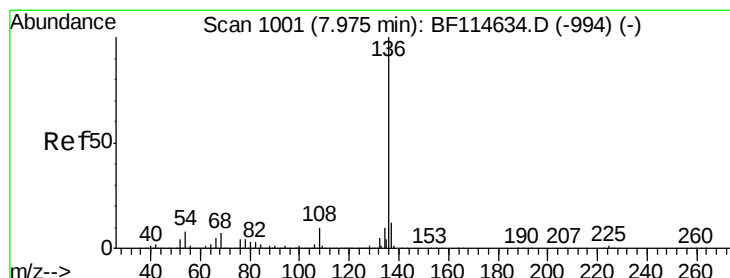
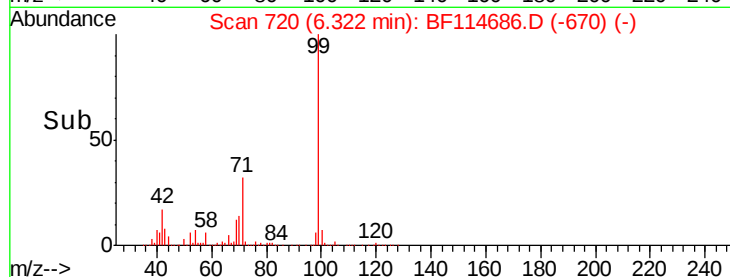
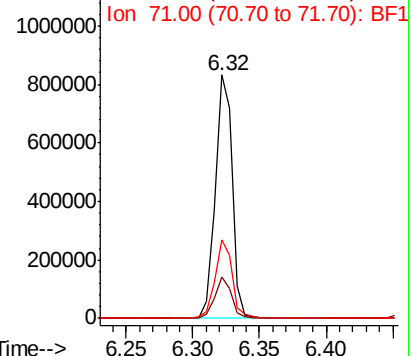
99 100

42 16.8 14.7 22.1

71 32.4 26.6 40.0



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: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF114686.D

Acq: 31 May 2019 2:58

Tgt Ion: 136 Resp: 1287791

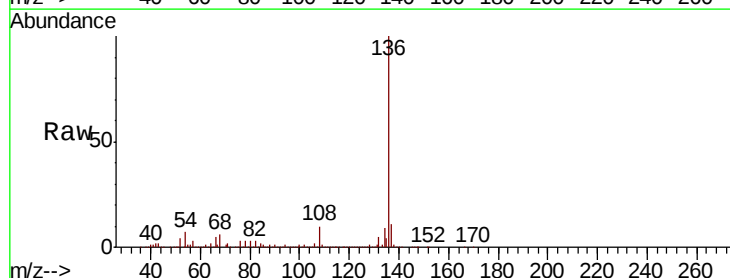
Ion Ratio Lower Upper

136 100

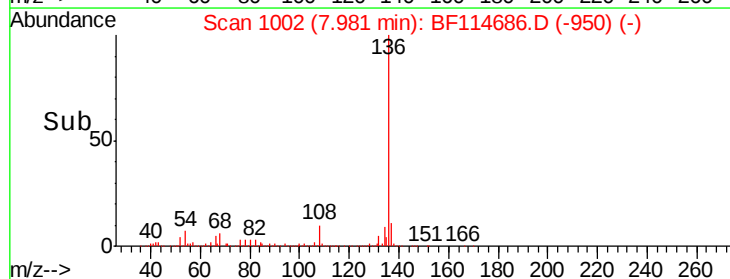
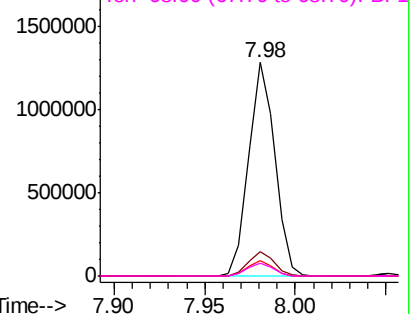
137 11.4 9.3 13.9

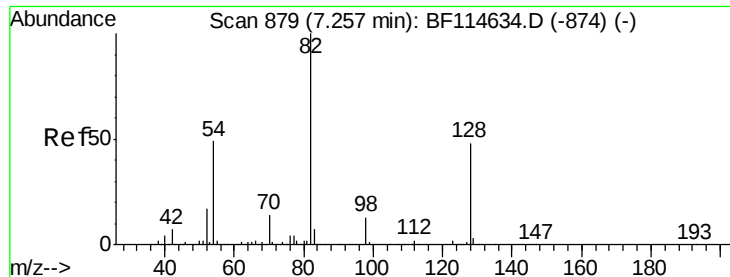
54 7.0 6.3 9.5

68 5.9 5.4 8.0



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

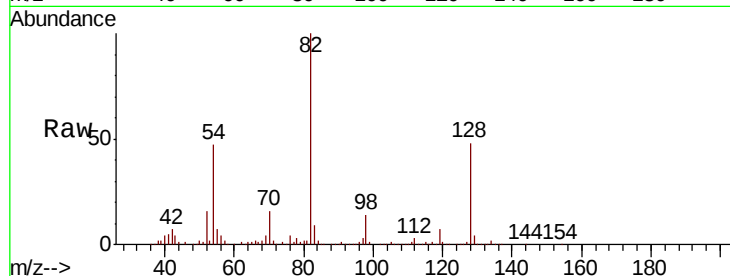




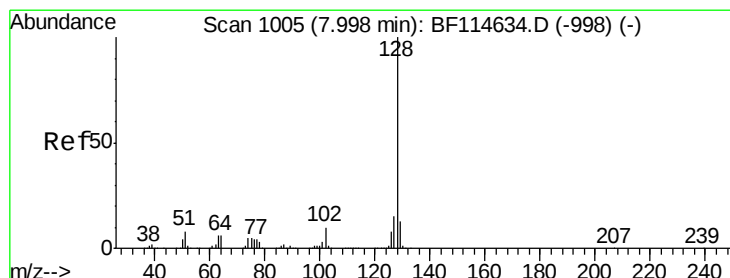
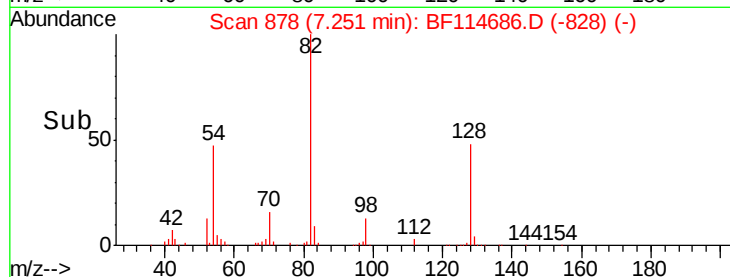
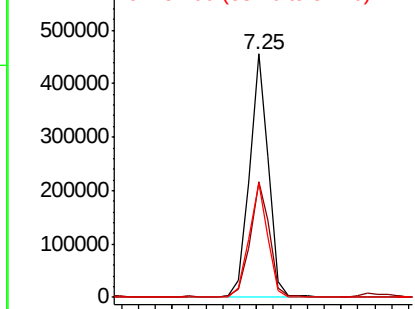
#23
Nitrobenzene-d5
Concen: 17.188 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114686.D
Acq: 31 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
B-14-11-12.0

Tot Ion	82.00	Resp	354774
Ion Ratio	Lower	Upper	
82	100		
128	47.7	38.5	57.7
54	46.8	39.1	58.7

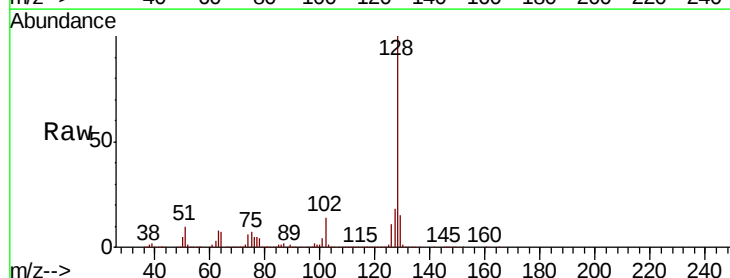


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

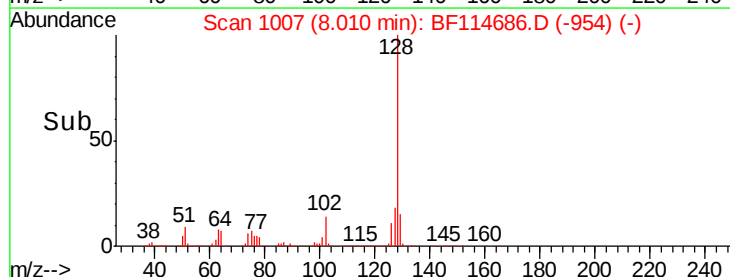
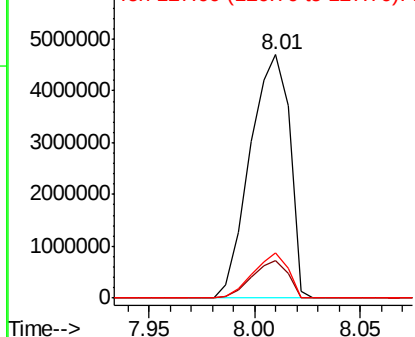


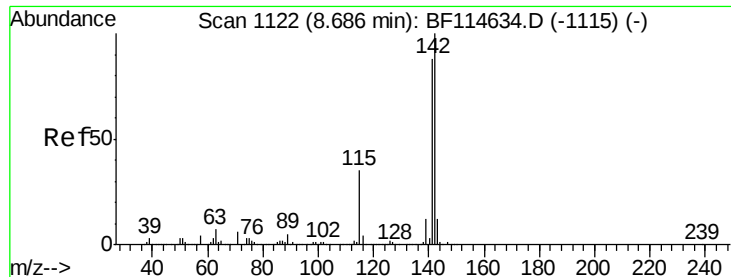
#31
Naphthalene
Concen: 102.998 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF114686.D
Acq: 31 May 2019 2:58

Tgt Ion	128	Resp	6109649
Ion Ratio	Lower	Upper	
128	100		
129	15.4	10.2	15.2#
127	18.5	11.9	17.9#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

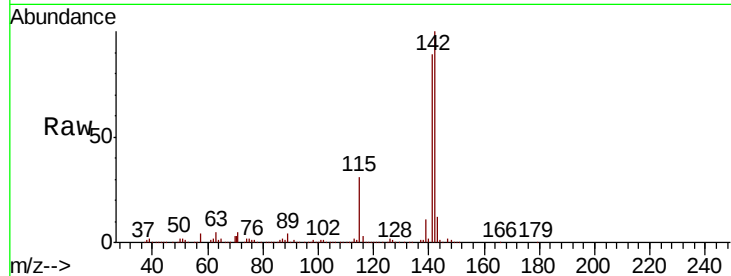




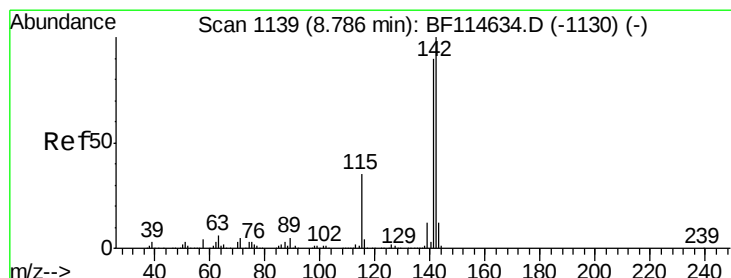
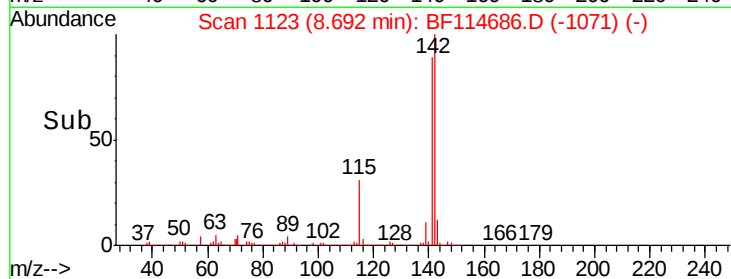
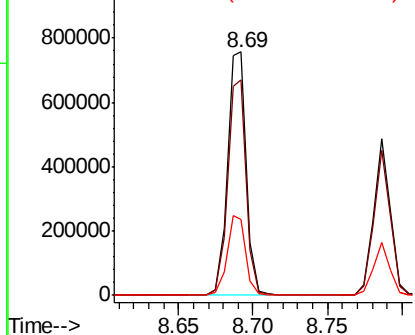
#37
2-Methylnaphthalene
Concen: 17.189 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF114686.D
Acq: 31 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
B-14-11-12.0

Tot Ion:142 Resp: 677473
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5
115 31.0 28.0 42.0

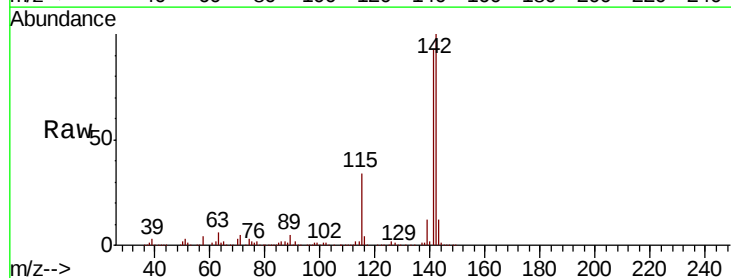


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

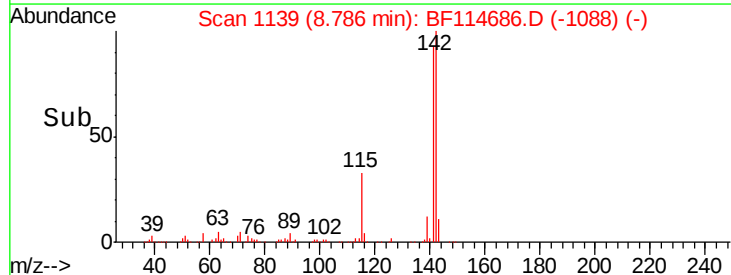
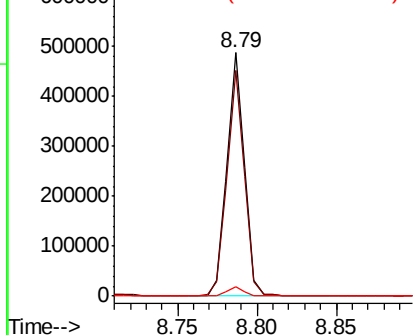


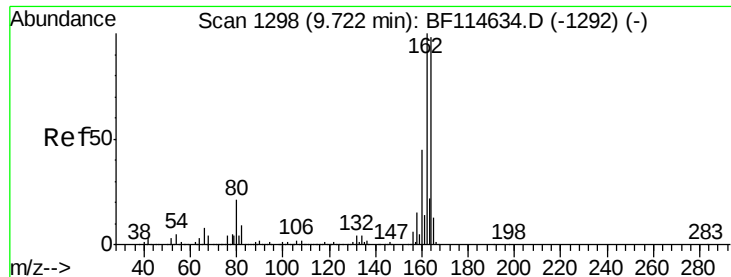
#38
1-Methylnaphthalene
Concen: 9.913 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF114686.D
Acq: 31 May 2019 2:58

Tgt Ion:142 Resp: 370158
Ion Ratio Lower Upper
142 100
141 92.8 72.3 108.5
116 3.6 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

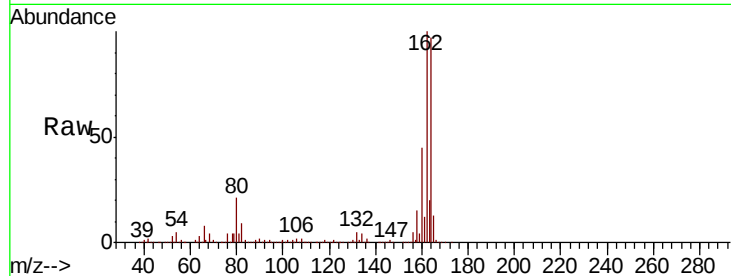




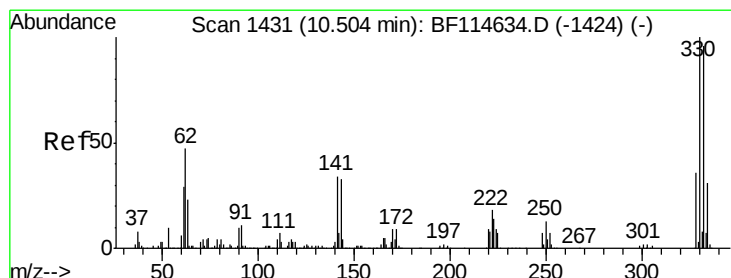
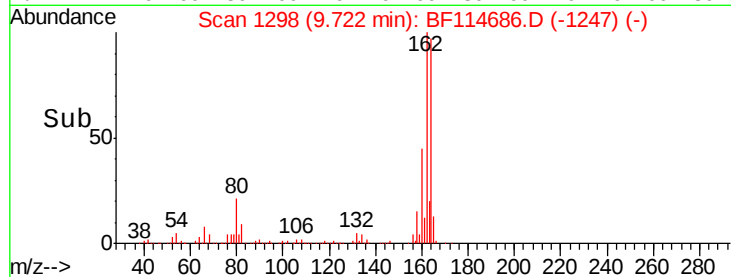
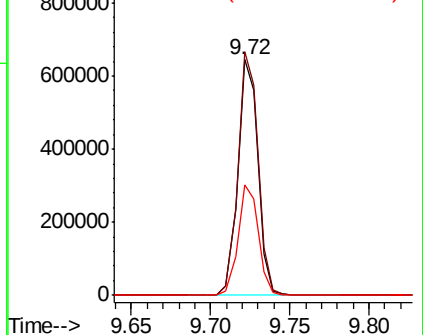
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114686.D
Acq: 31 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
B-14-11-12.0

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.2
160	46.6	36.6	54.8

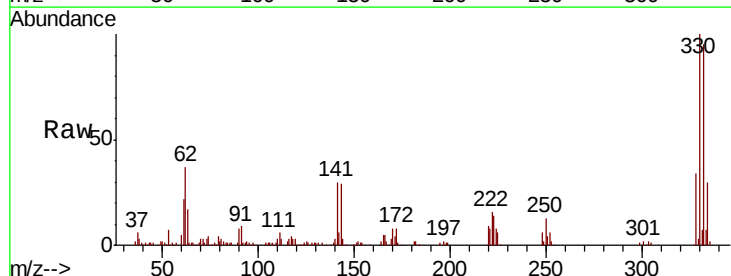


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

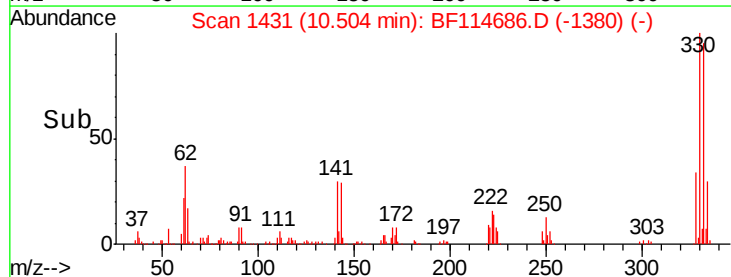
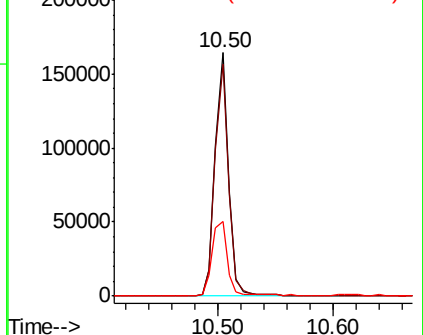


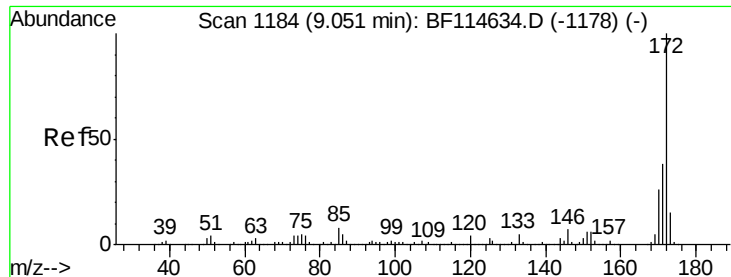
#42
2,4,6-Tribromophenol
Concen: 24.759 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114686.D
Acq: 31 May 2019 2:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.8	113.8
141	35.1	27.8	41.8



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

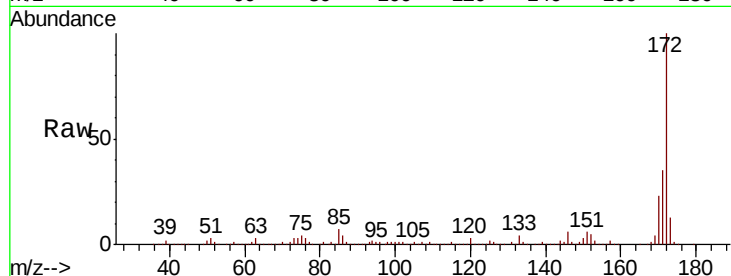




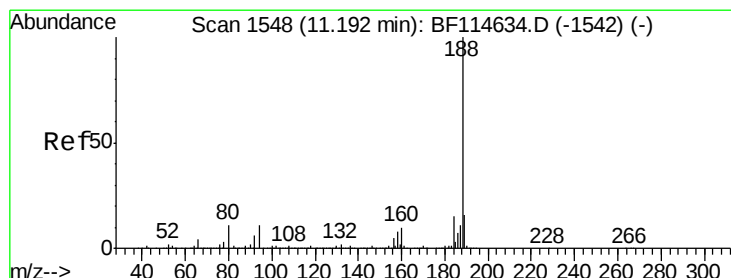
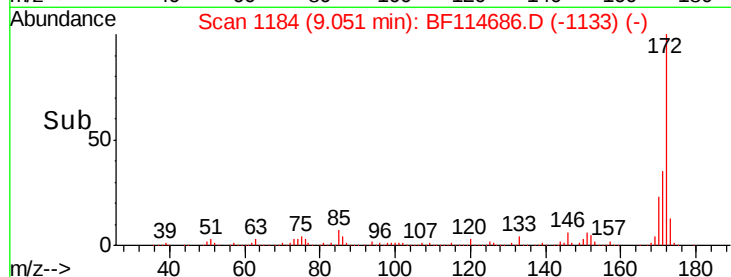
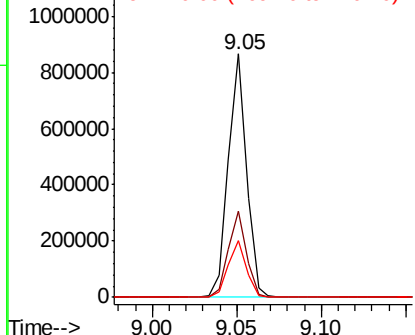
#45
2-Fluorobiphenyl
Concen: 6.907 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114686.D
Acq: 31 May 2019 2:58

Instrument :
BNA_F
ClientSampleId :
B-14-11-12.0

Tot Ion:172 Resp: 651340
Ion Ratio Lower Upper
172 100
171 35.2 30.6 45.8
170 23.3 20.7 31.1

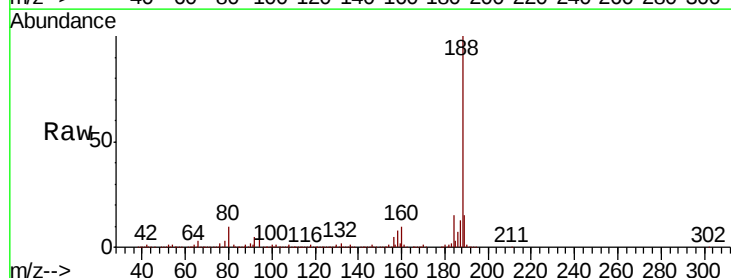


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

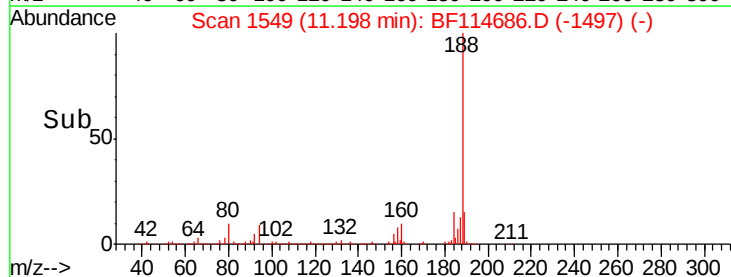
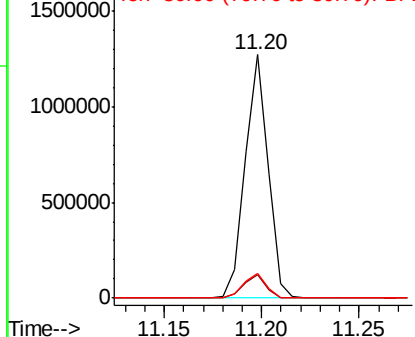


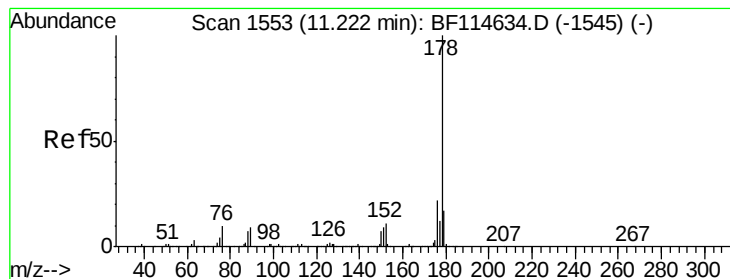
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114686.D
Acq: 31 May 2019 2:58

Tgt Ion:188 Resp: 1034040
Ion Ratio Lower Upper
188 100
94 9.4 8.6 13.0
80 10.2 9.0 13.6



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





#71

Phenanthrene

Concen: 2.908 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114686.D

Acq: 31 May 2019 2:58

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

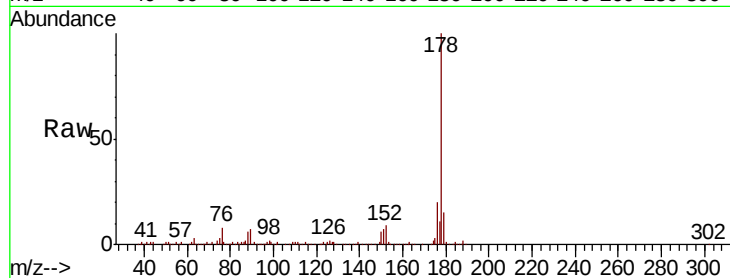
Tot Ion:178 Resp: 153404

Ion Ratio Lower Upper

178 100

176 19.6 17.2 25.8

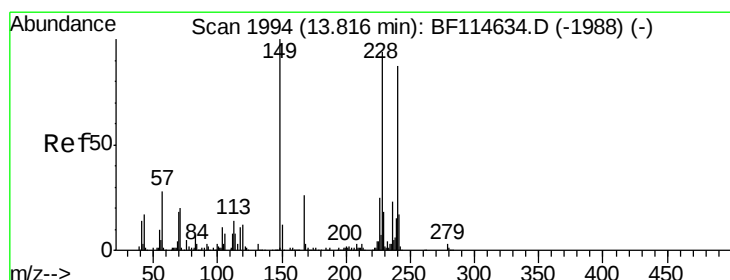
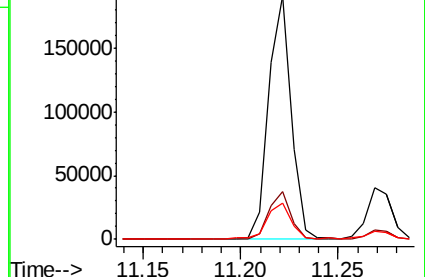
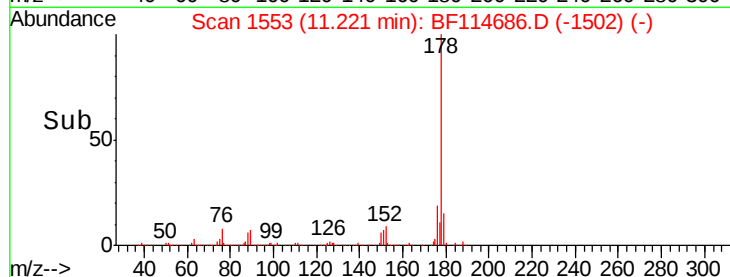
179 15.1 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114686.D

Acq: 31 May 2019 2:58

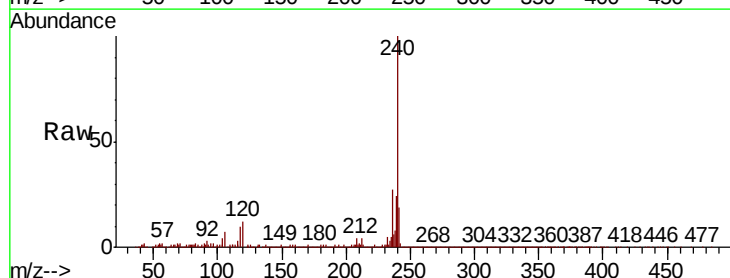
Tgt Ion:240 Resp: 706709

Ion Ratio Lower Upper

240 100

120 11.6 11.2 16.8

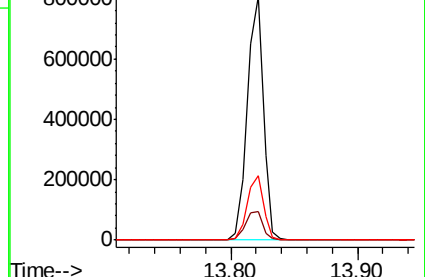
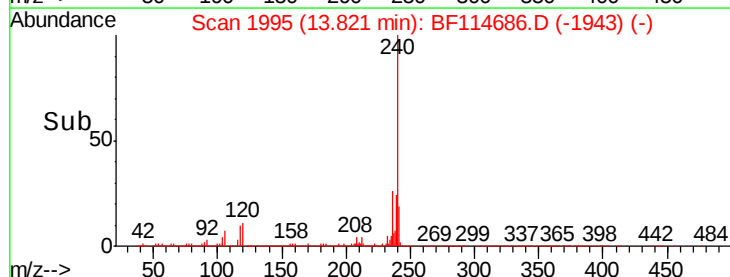
236 26.6 21.2 31.8

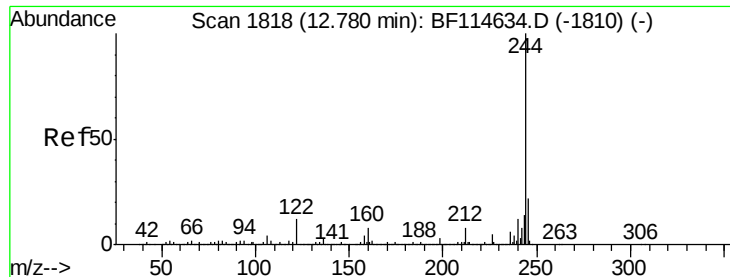


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 18.381 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114686.D

Acq: 31 May 2019 2:58

Instrument :

BNA_F

ClientSampleId :

B-14-11-12.0

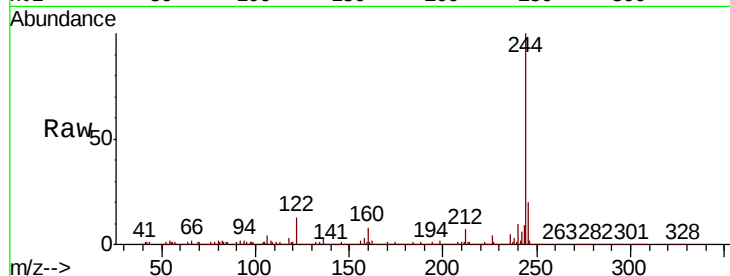
Tot Ion:244 Resp: 690896

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

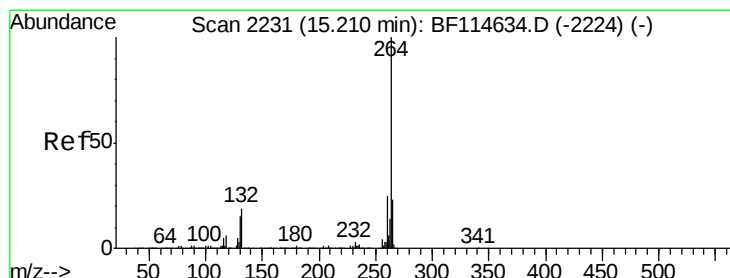
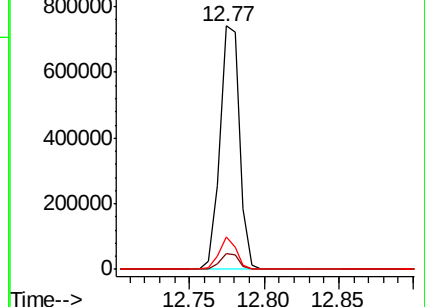
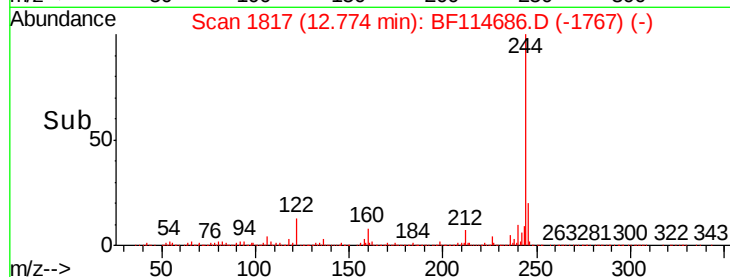
122 13.4 9.8 14.8



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: 15.21 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BF114686.D

Acq: 31 May 2019 2:58

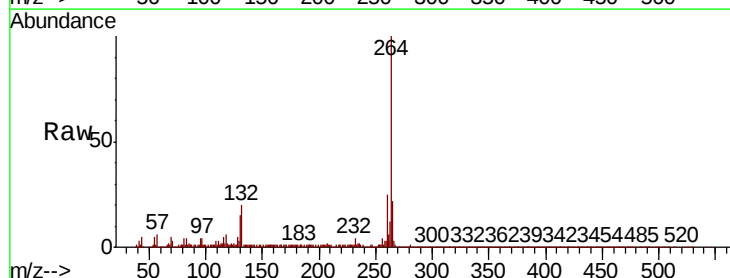
Tgt Ion:264 Resp: 582122

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 21.9 18.1 27.1



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

