

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114729.D
 Acq On : 1 Jun 2019 1:27
 Operator : HP/JU
 Sample : 3051-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

Quant Time: Jun 01 03:20:24 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	6.69	152	461407	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1650719	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	705933	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1106050	20.00	ng	0.00
76) Chrysene-d12	13.83	240	696192	20.00	ng	0.01
87) Perylene-d12	15.22	264	709102	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	2556145	97.26	ng	0.02
7) Phenol-d6	6.33	99	3162431	99.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	1948910	73.66	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	688679	102.38	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2936139	76.54	ng	0.00
79) Terphenyl-d14	12.79	244	2171136	58.63	ng	0.00

Target Compounds

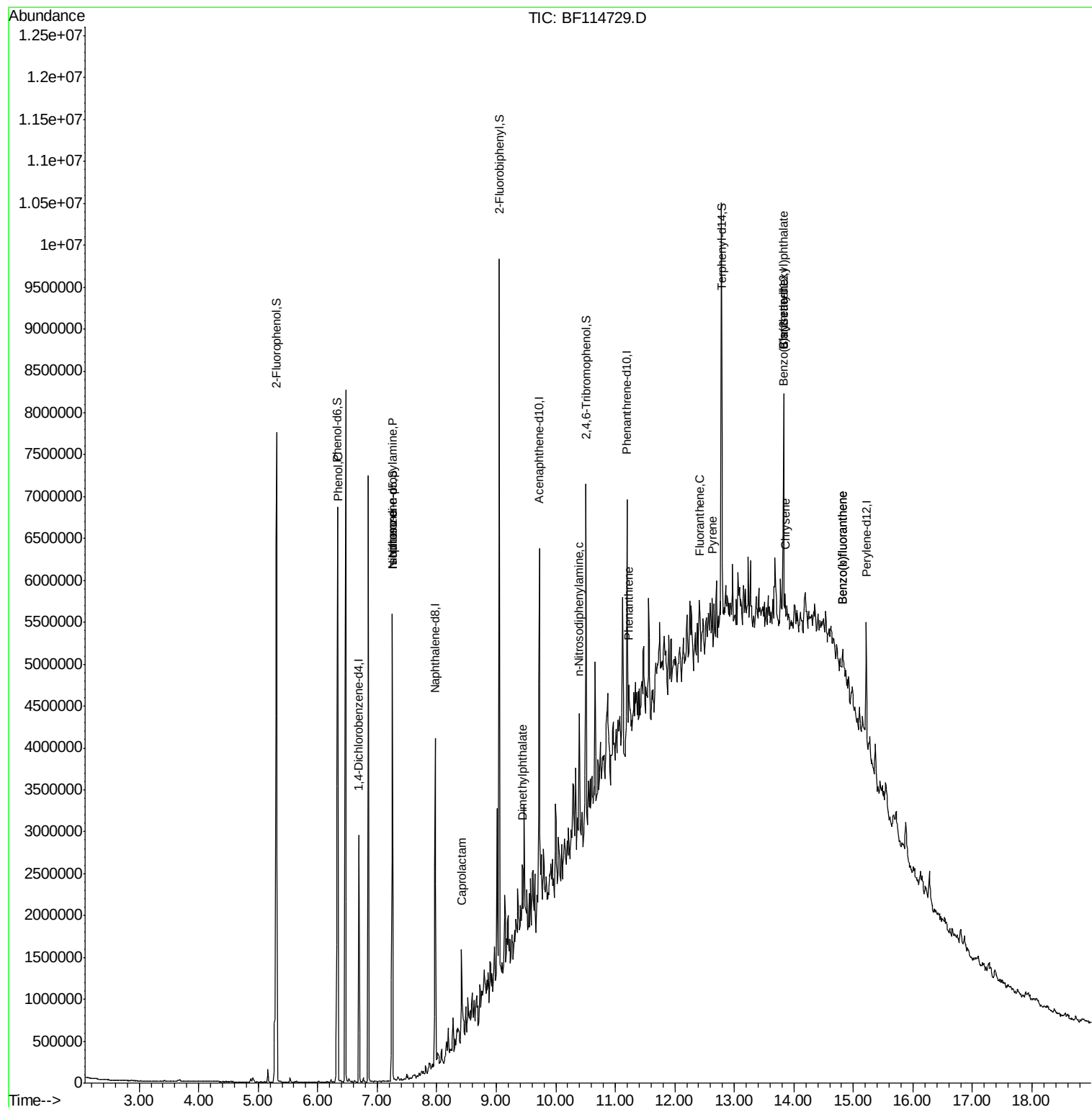
						Qvalue
9) Benzaldehyde	6.22	77	2040	Below Cal	#	1
10) Phenol	6.35	94	77767	2.033	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	265535	12.147	ng	74
25) Isophorone	7.26	82	1901896	35.818	ng	63
35) Caprolactam	8.42	113	24241	3.102	ng	9
50) Dimethylphthalate	9.44	163	249104	5.064	ng	99
58) Fluorene	10.26	166	40776	Below Cal	#	45
61) 4-Chlorophenyl-phenylether	10.28	204	3150	Below Cal	#	1
66) n-Nitrosodiphenylamine	10.39	169	82260	2.517	ng	49
71) Phenanthrene	11.22	178	145353	2.576	ng	85
74) Di-n-butylphthalate	11.77	149	27127	Below Cal	#	22
75) Fluoranthene	12.40	202	231863	3.969	ng	94
78) Pyrene	12.63	202	311744	5.293	ng	95
81) Benzo(a)anthracene	13.82	228	118068	2.207	ng	64
83) Chrysene	13.85	228	175271	3.429	ng	76
84) Bis(2-ethylhexyl)phthalate	13.83	149	327104	8.940	ng	96
88) Benzo(b)fluoranthene	14.83	252	150956	3.380	ng	45
89) Benzo(k)fluoranthene	14.83	252	150956	3.889	ng	45

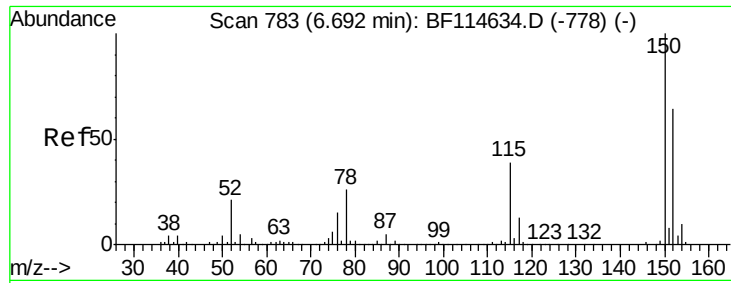
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114729.D
Acq On : 1 Jun 2019 1:27
Operator : HP/JU
Sample : 3051-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-B

Quant Time: Jun 01 03:20:24 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



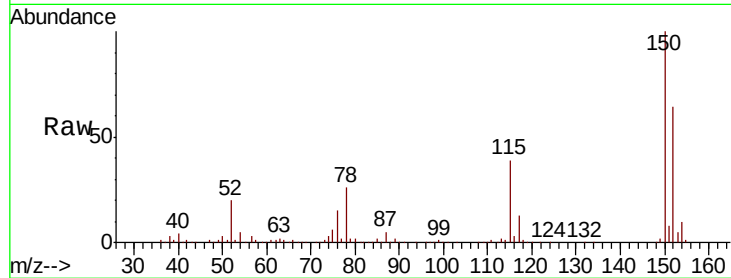


#1

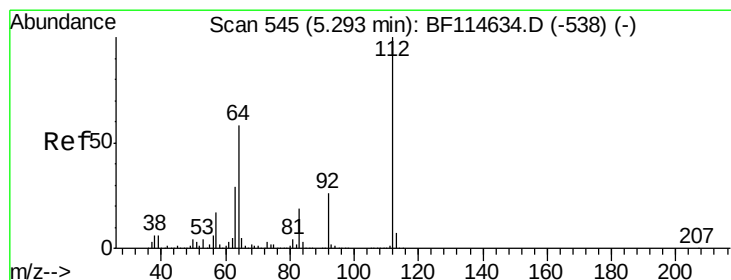
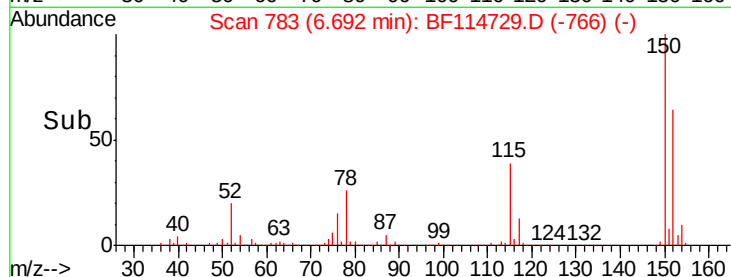
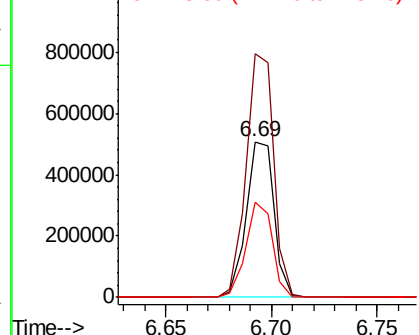
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Instrument :
BNA_F
ClientSampleId :
SP-1-B

Tgt Ion:152 Resp: 461407
Ion Ratio Lower Upper
152 100
150 156.6 124.4 186.6
115 61.5 48.7 73.1



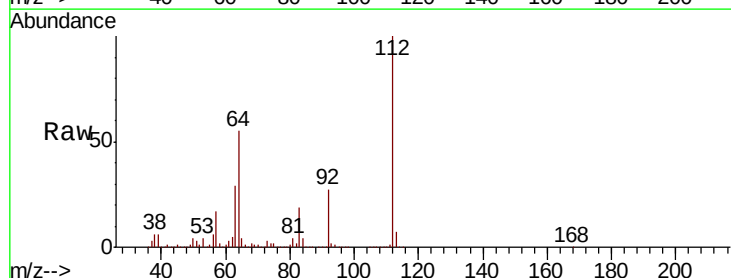
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



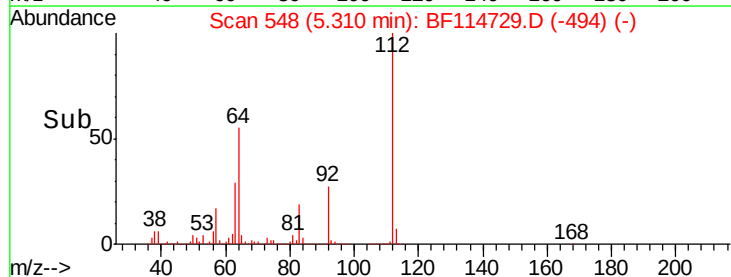
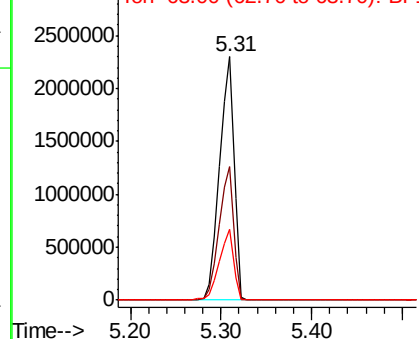
#5

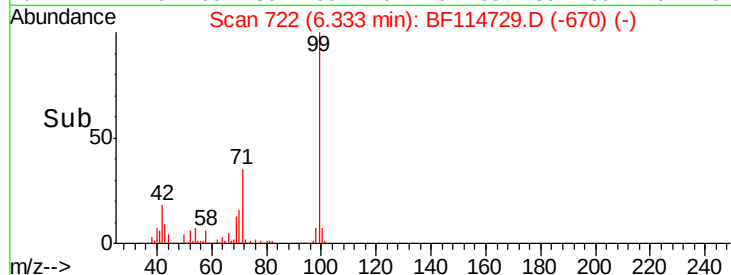
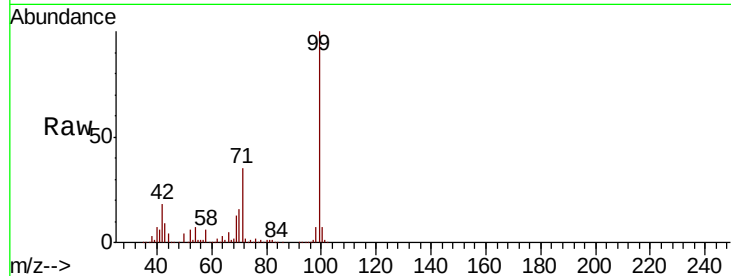
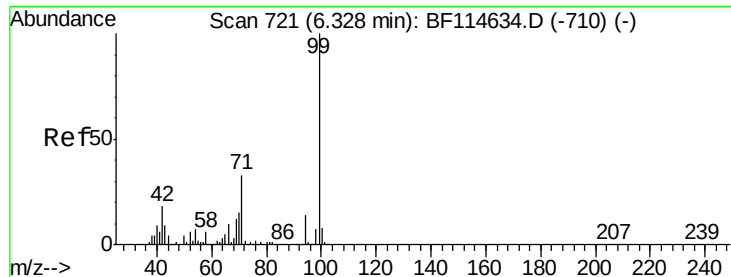
2-Fluorophenol
Concen: 97.264 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Tgt Ion:112 Resp: 2556145
Ion Ratio Lower Upper
112 100
64 55.1 46.1 69.1
63 28.9 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: 99.860 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Instrument :

BNA_F

ClientSampleId :

SP-1-B

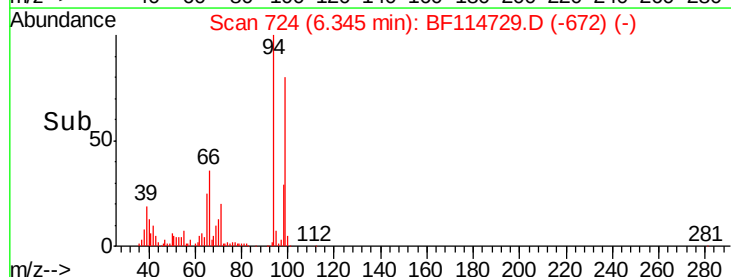
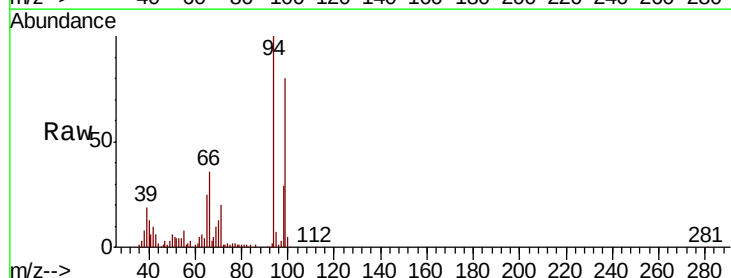
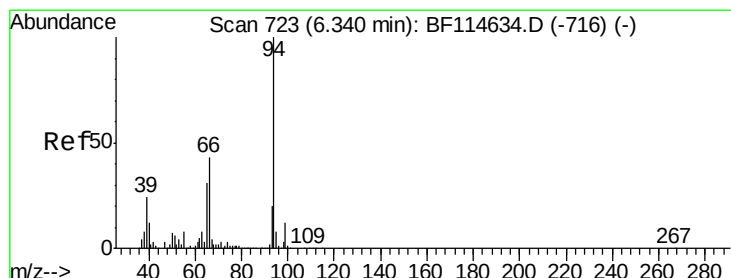
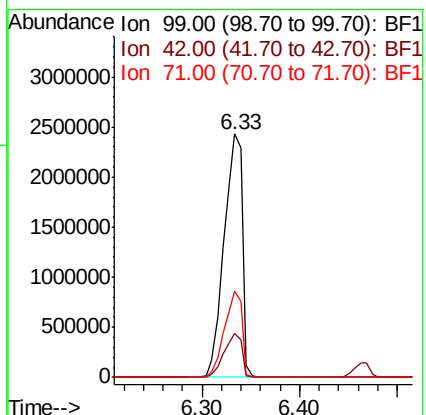
Tgt Ion: 99 Resp: 3162431

Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

71 35.3 26.6 40.0



#10

Phenol

Concen: 2.033 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

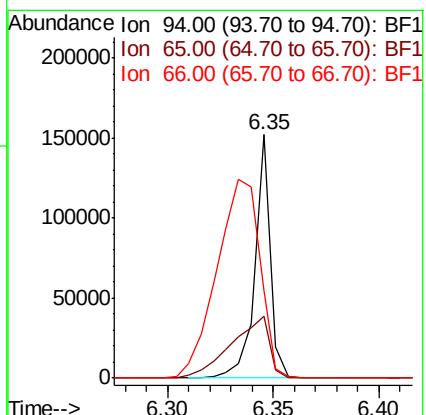
Tgt Ion: 94 Resp: 77767

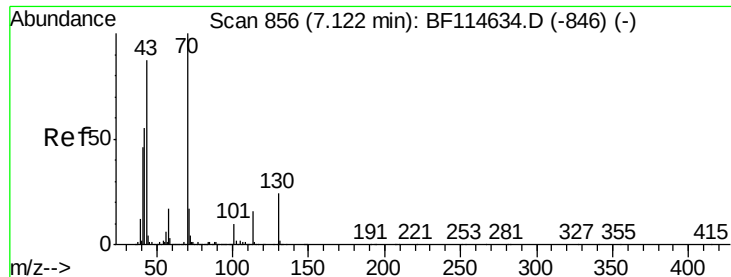
Ion Ratio Lower Upper

94 100

65 25.3 11.0 51.0

66 35.9 23.0 63.0

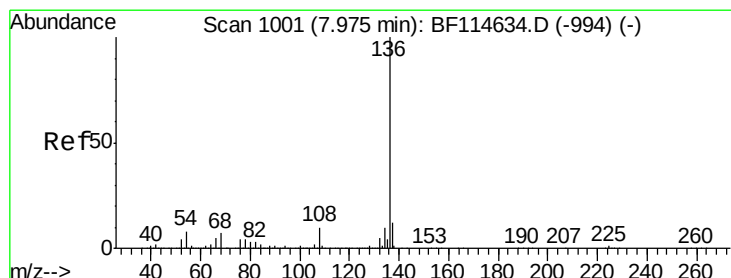
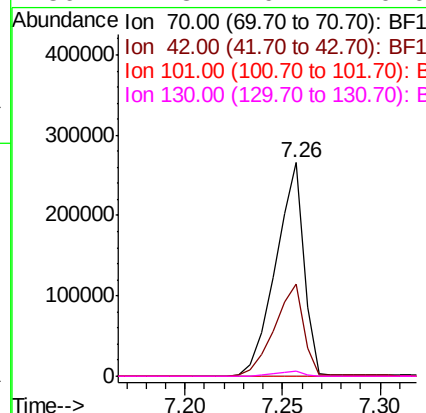
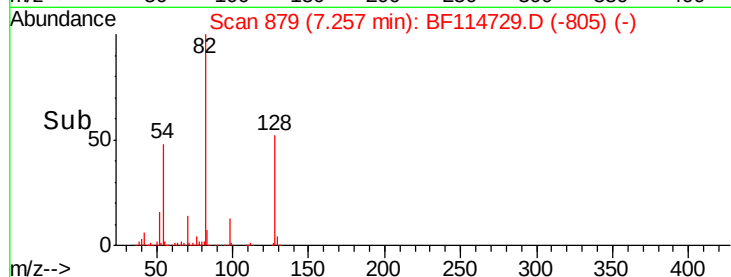
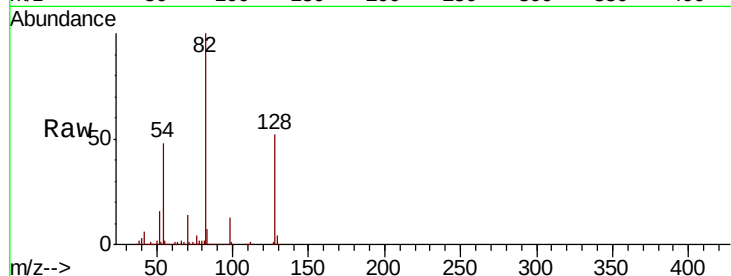




#19
n-Nitroso-di-n-propylamine
Concen: 12.147 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

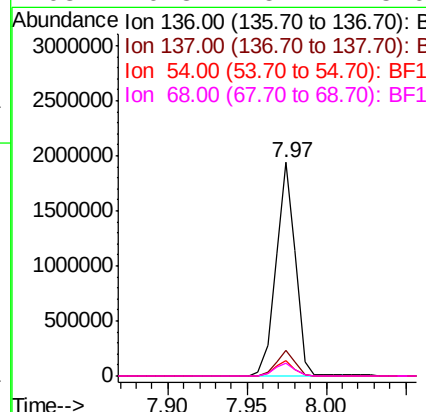
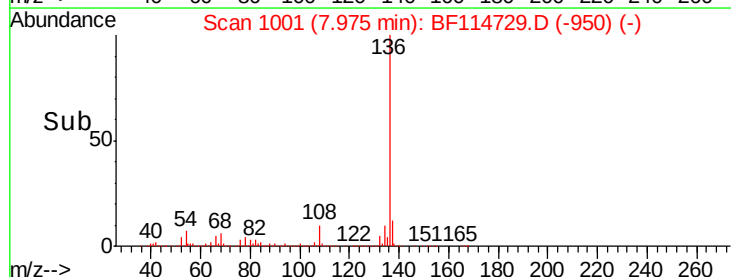
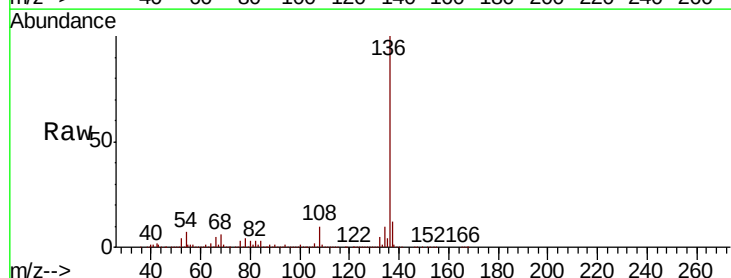
Instrument :
BNA_F
ClientSampleId :
SP-1-B

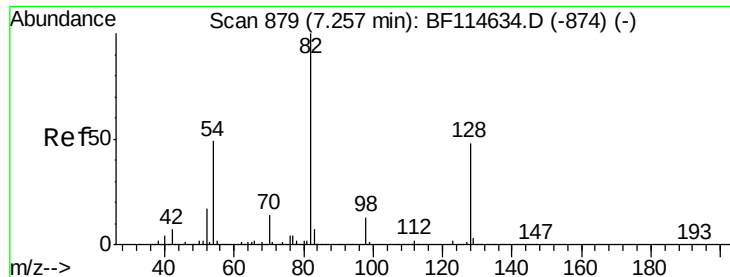
Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.0	44.4	66.6#
101	0.0	8.2	12.4#
130	2.3	19.4	29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	7.1	6.3	9.5
68	6.3	5.4	8.0

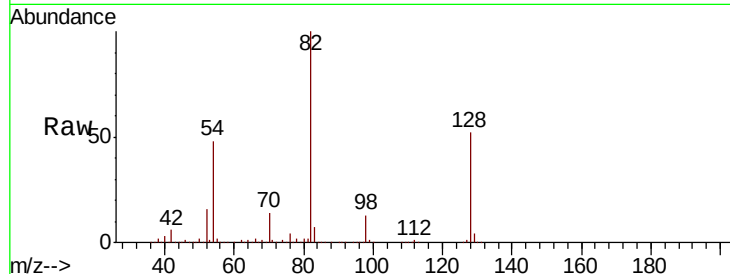




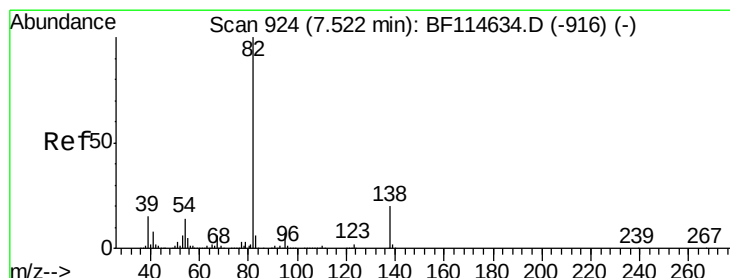
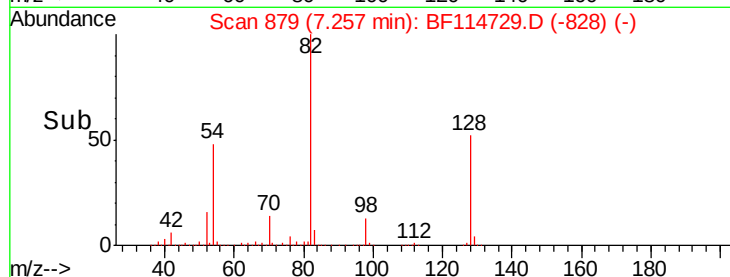
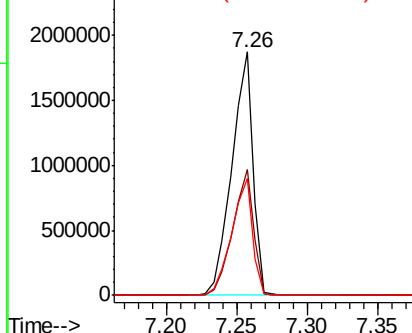
#23
Nitrobenzene-d5
Concen: 73.659 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Instrument :
BNA_F
ClientSampleID :
SP-1-B

Tgt Ion: 82 Resp: 1948910
Ion Ratio Lower Upper
82 100
128 51.9 38.5 57.7
54 47.8 39.1 58.7

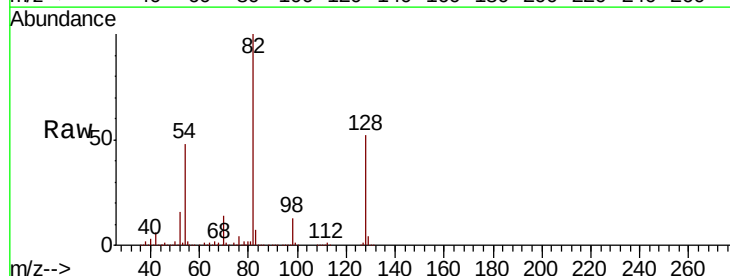


Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

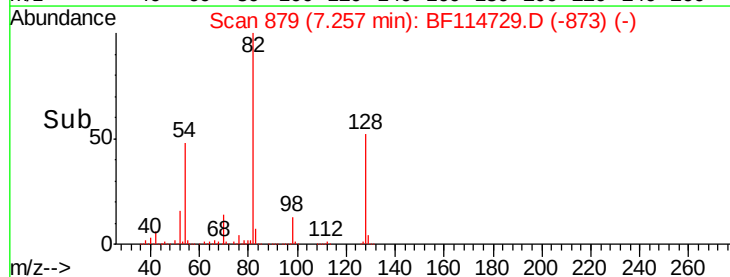
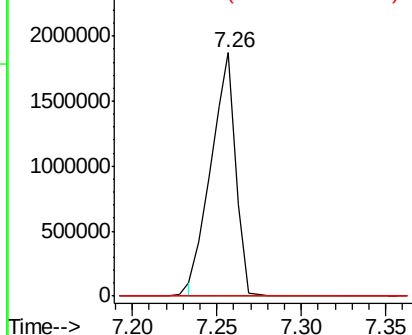


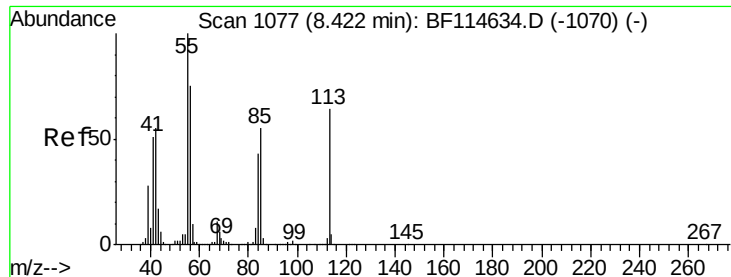
#25
Isophorone
Concen: 35.818 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Tgt Ion: 82 Resp: 1901896
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

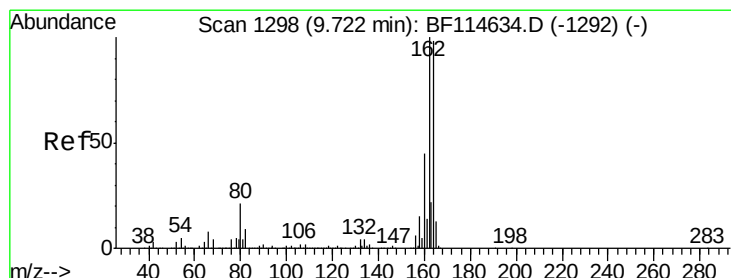
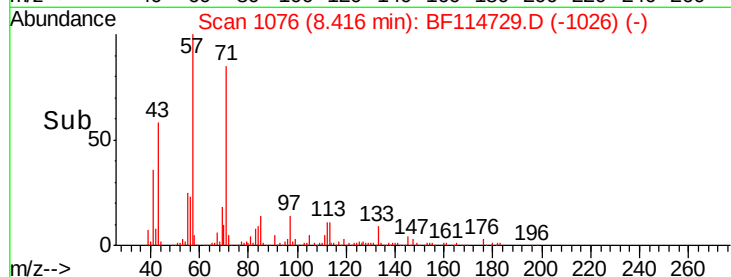
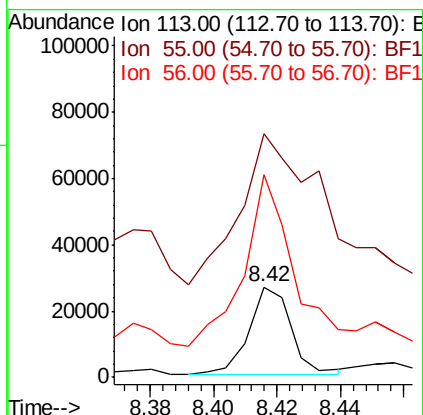
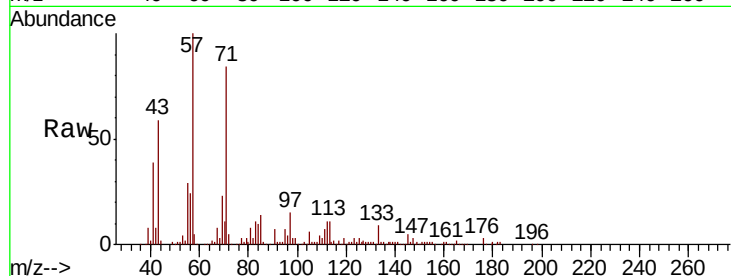




#35
 Caprolactam
 Concen: 3.102 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

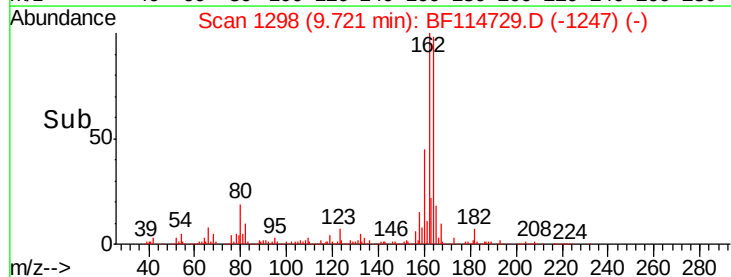
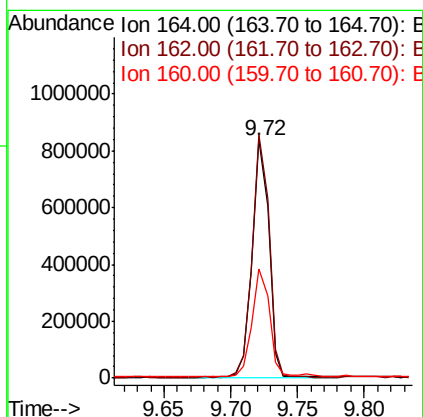
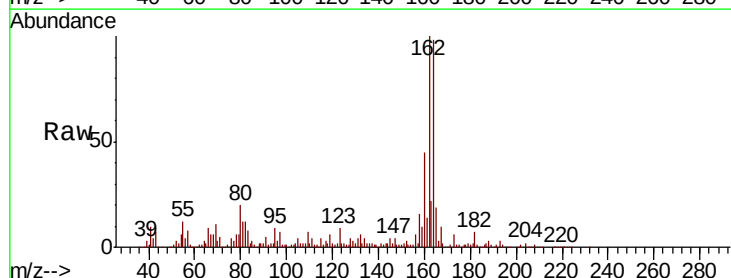
Instrument :
 BNA_F
 ClientSampled :
 SP-1-B

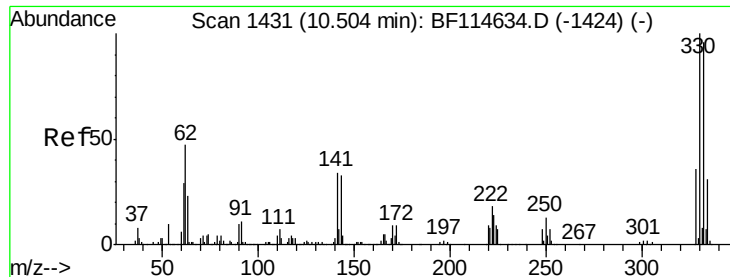
Tgt Ion:113 Resp: 24241
 Ion Ratio Lower Upper
 113 100
 55 269.4 136.4 176.4#
 56 224.0 97.0 137.0#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

Tgt Ion:164 Resp: 705933
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.4 122.2
 160 45.7 36.6 54.8

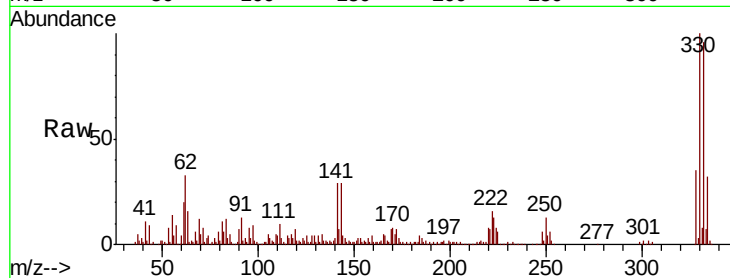




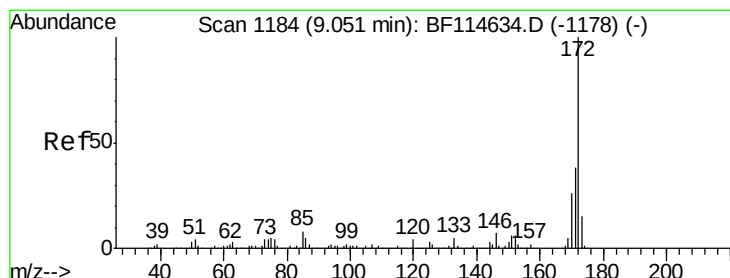
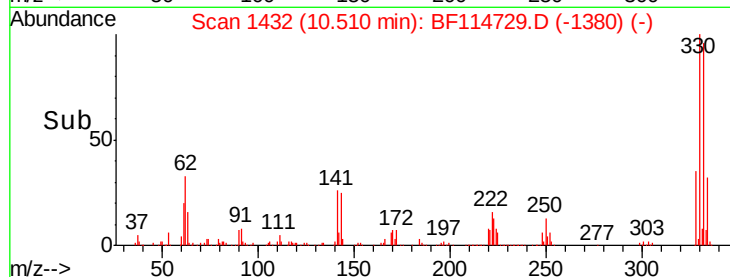
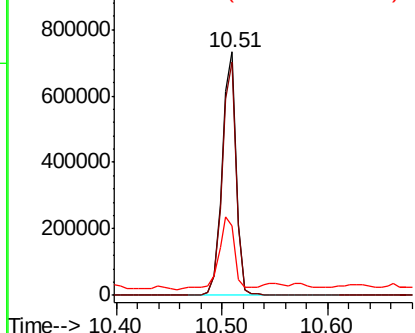
#42
 2,4,6-Tribromophenol
 Concen: 102.384 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

Instrument :
 BNA_F
 ClientSampled :
 SP-1-B

Tgt Ion:330 Resp: 688679
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.8 113.8
 141 33.0 27.8 41.8

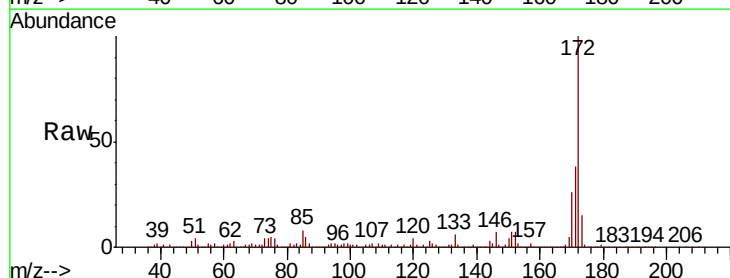


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

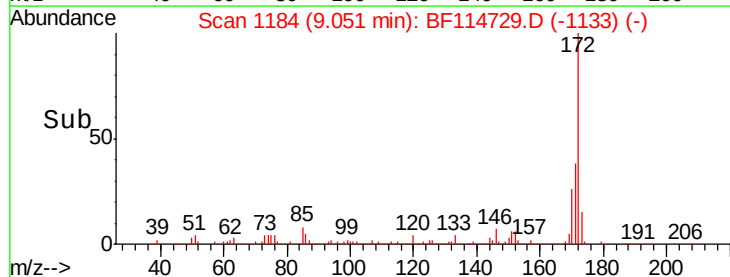
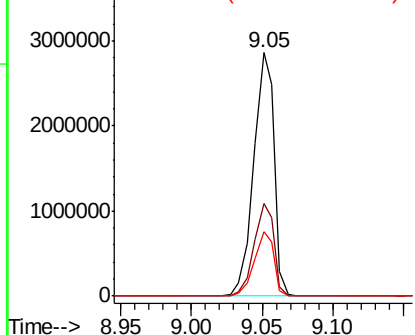


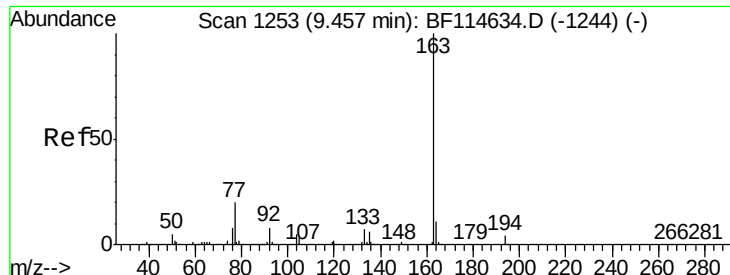
#45
 2-Fluorobiphenyl
 Concen: 76.537 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

Tgt Ion:172 Resp: 2936139
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.6 45.8
 170 26.4 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

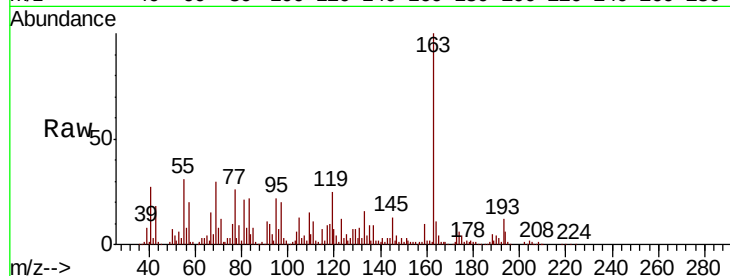




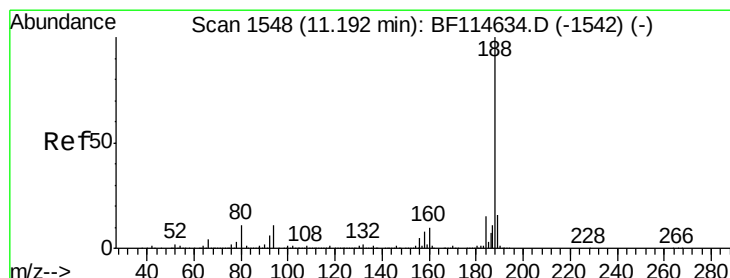
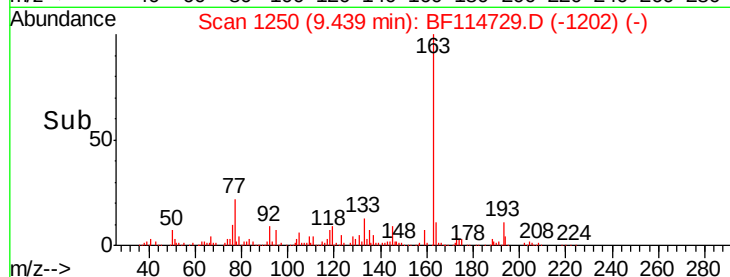
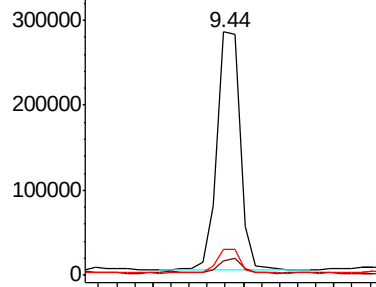
#50
Dimethylphthalate
Concen: 5.064 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Instrument :
BNA_F
ClientSampleId :
SP-1-B

Tgt Ion:163 Resp: 249104
Ion Ratio Lower Upper
163 100
194 5.7 3.4 5.0#
164 10.9 8.6 13.0

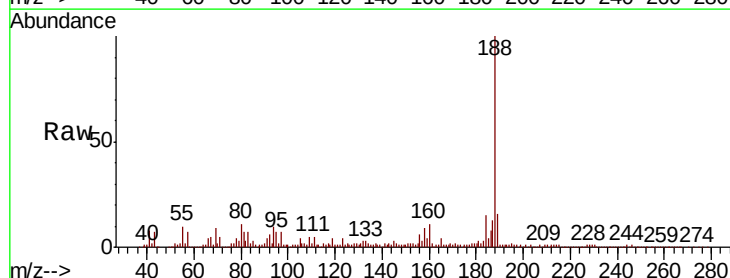


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

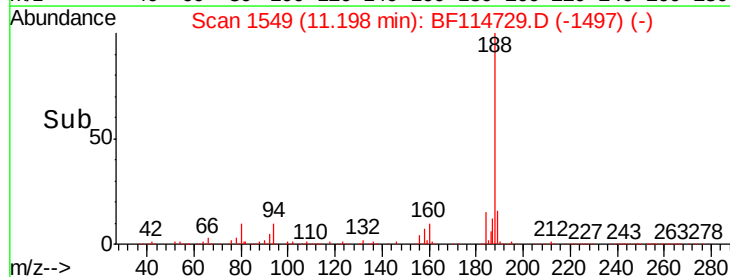
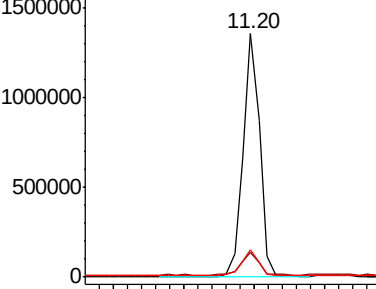


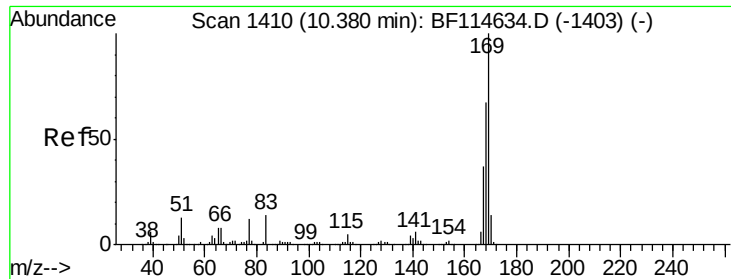
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Tgt Ion:188 Resp: 1106050
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.2 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

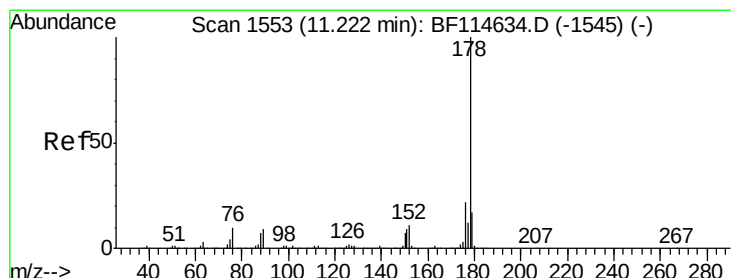
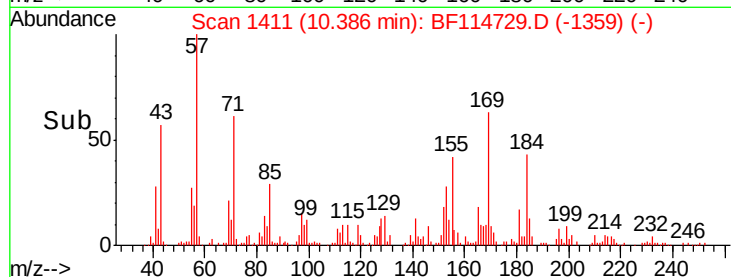
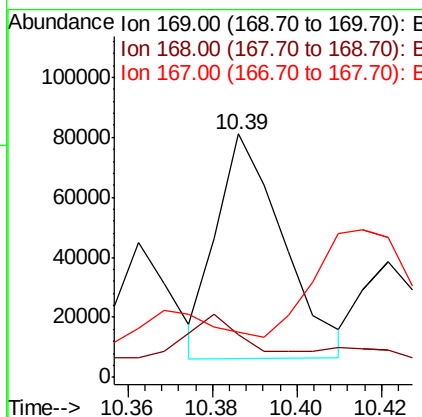
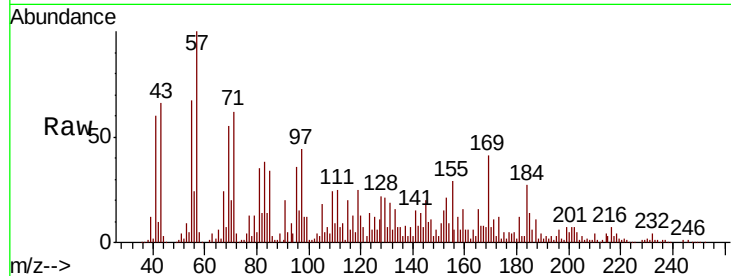




#66
 n-Nitrosodiphenylamine
 Concen: 2.517 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

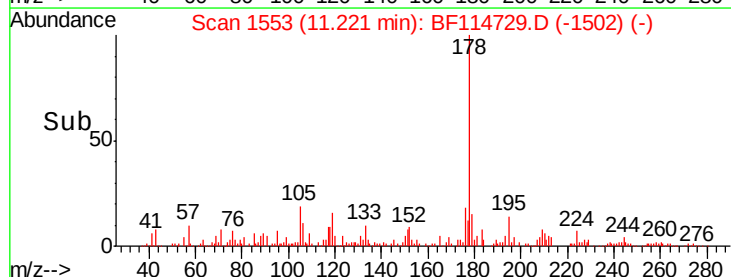
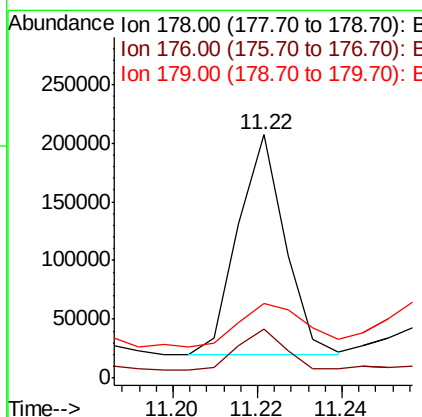
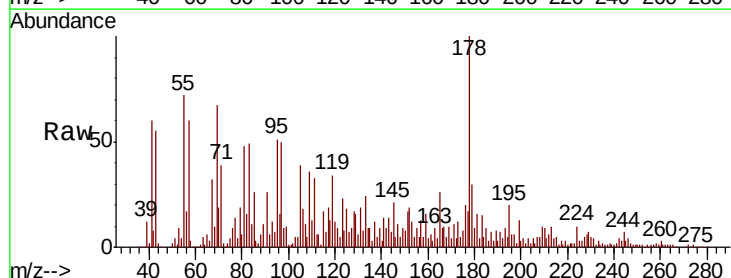
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

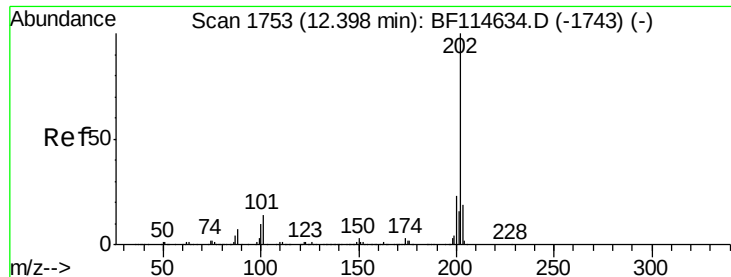
Tgt Ion:169 Resp: 82260
 Ion Ratio Lower Upper
 169 100
 168 17.3 53.8 80.8#
 167 18.7 29.8 44.6#



#71
 Phenanthrene
 Concen: 2.576 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

Tgt Ion:178 Resp: 145353
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.2 25.8
 179 30.5 13.9 20.9#





#75

Fluoranthene

Concen: 3.969 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Instrument :

BNA_F

ClientSampleId :

SP-1-B

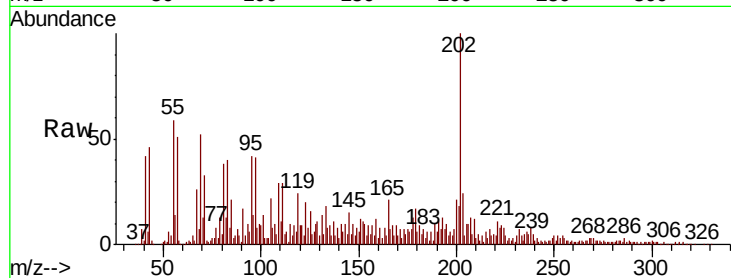
Tgt Ion: 202 Resp: 231863

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.9

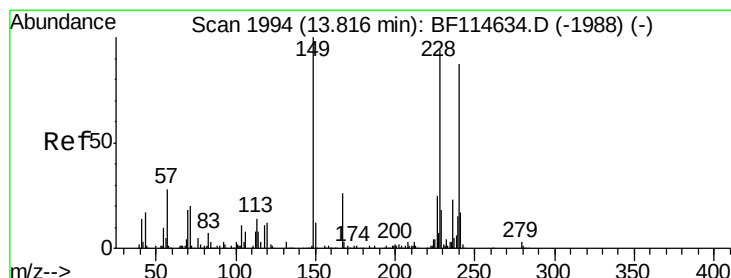
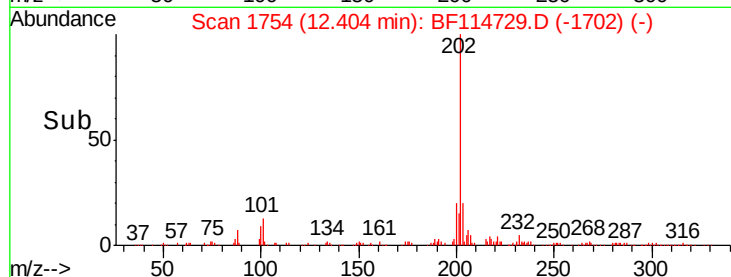
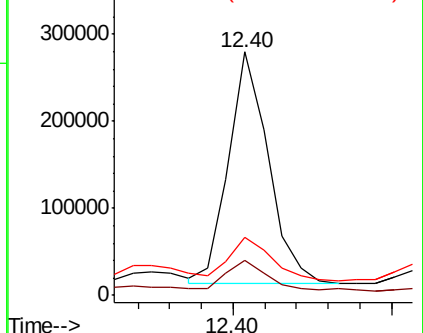
203 23.8 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

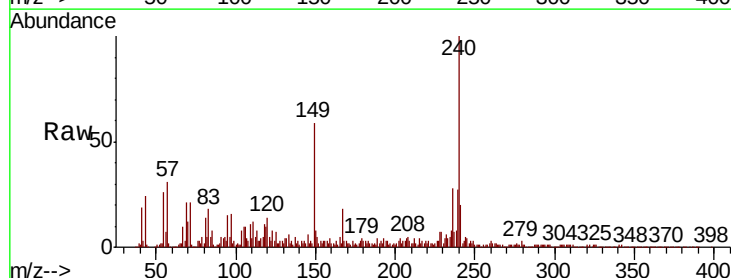
Tgt Ion: 240 Resp: 696192

Ion Ratio Lower Upper

240 100

120 14.0 11.2 16.8

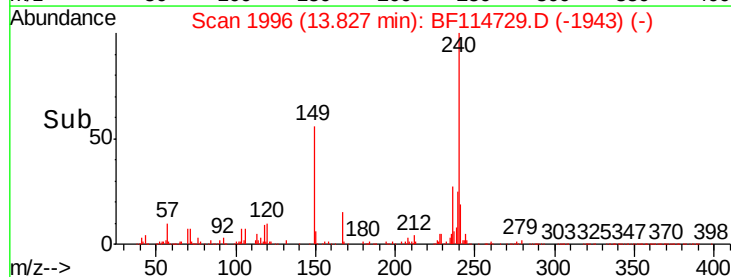
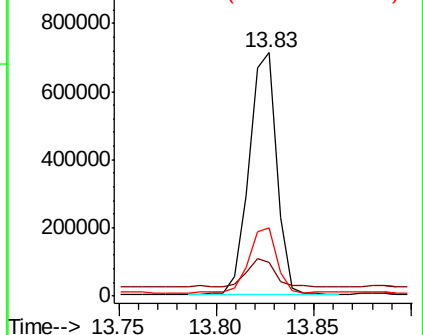
236 28.3 21.2 31.8

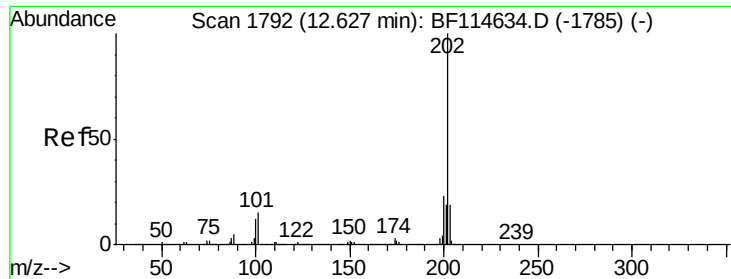


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

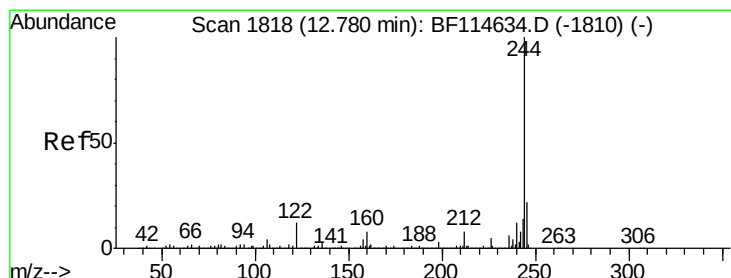
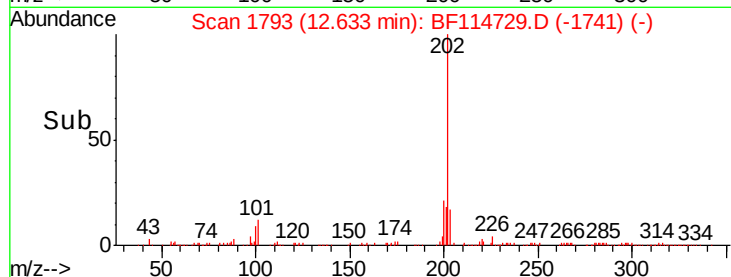
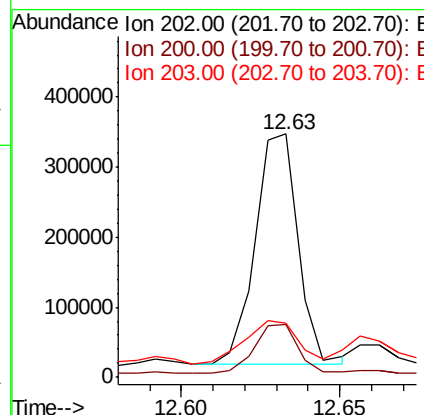
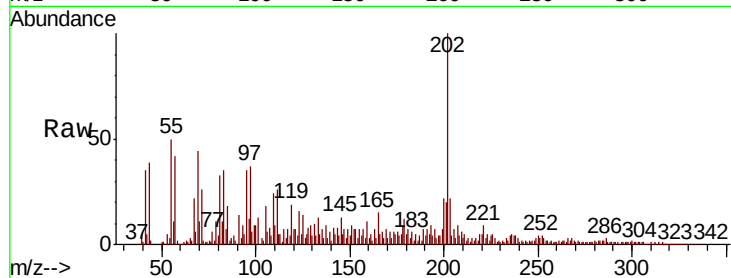




#78
 Pyrene
 Concen: 5.293 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

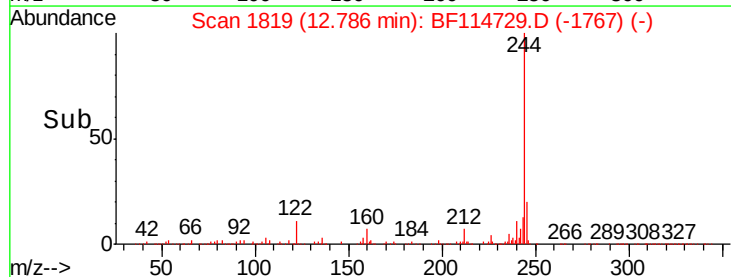
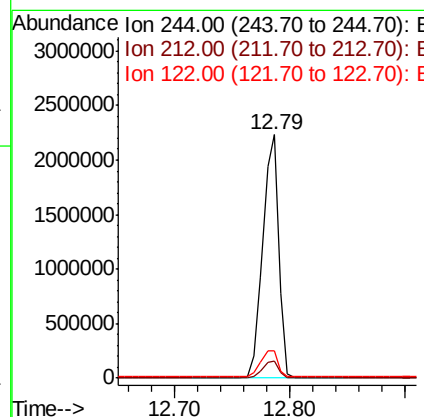
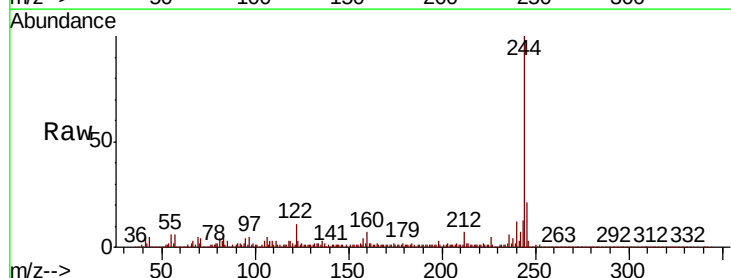
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

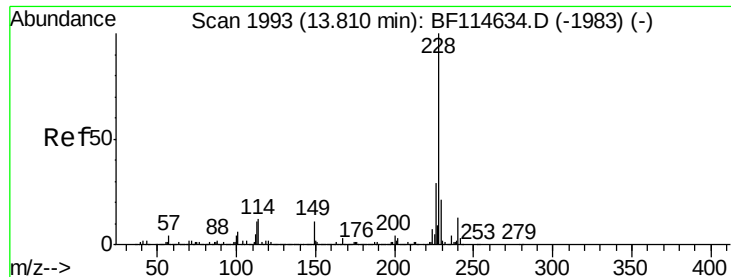
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.6	28.0
203	22.4	15.4	23.2



#79
 Terphenyl-d14
 Concen: 58.634 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.2	9.8	14.8





#81

Benzo(a)anthracene

Concen: 2.207 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

Instrument :

BNA_F

ClientSampleId :

SP-1-B

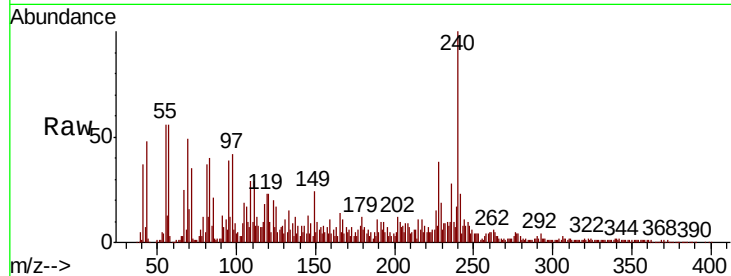
Tgt Ion:228 Resp: 118068

Ion Ratio Lower Upper

228 100

226 38.0 23.0 34.6#

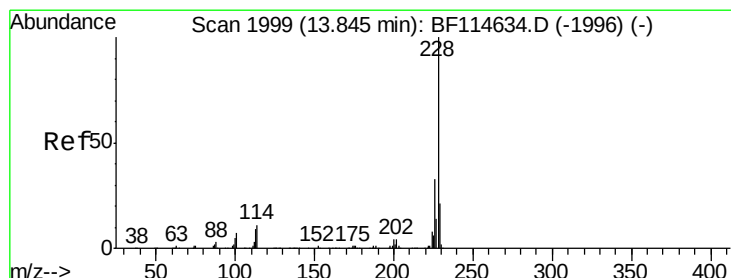
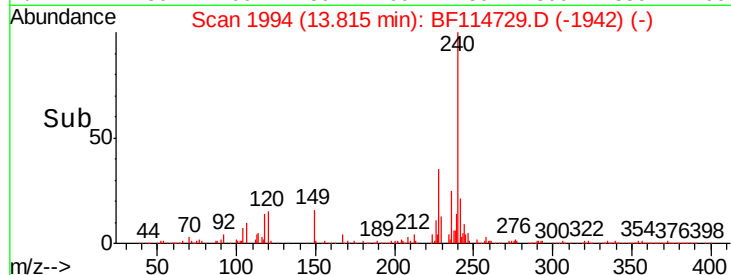
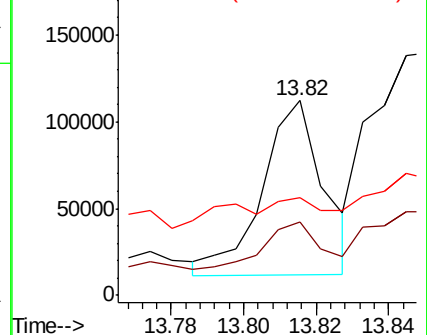
229 50.4 17.0 25.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 3.429 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF114729.D

Acq: 1 Jun 2019 1:27

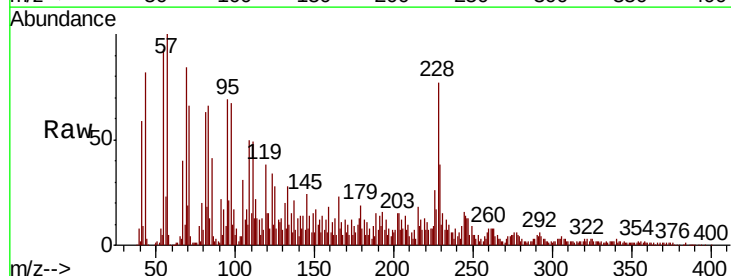
Tgt Ion:228 Resp: 175271

Ion Ratio Lower Upper

228 100

226 34.1 26.4 39.6

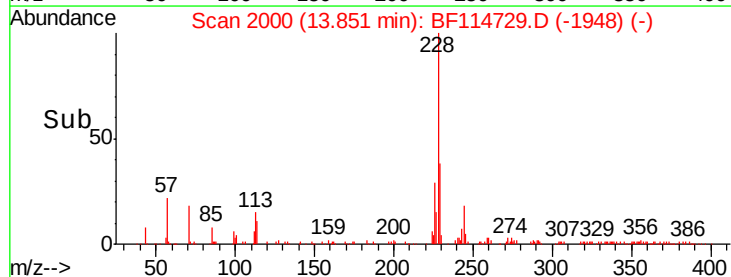
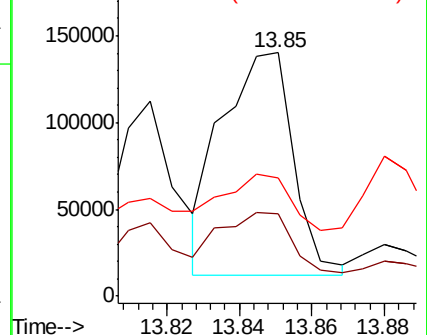
229 48.6 17.1 25.7#

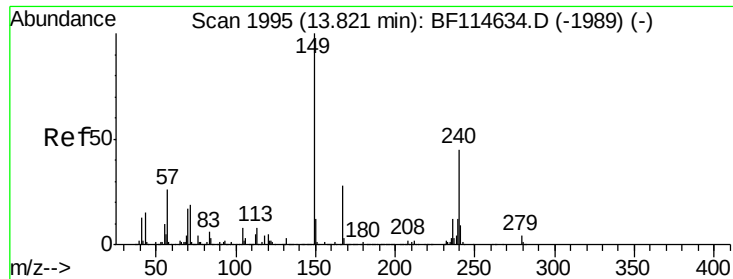


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

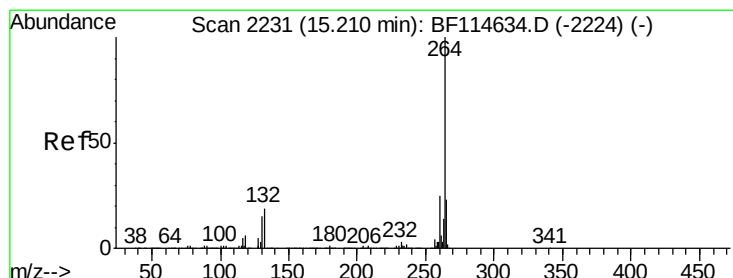
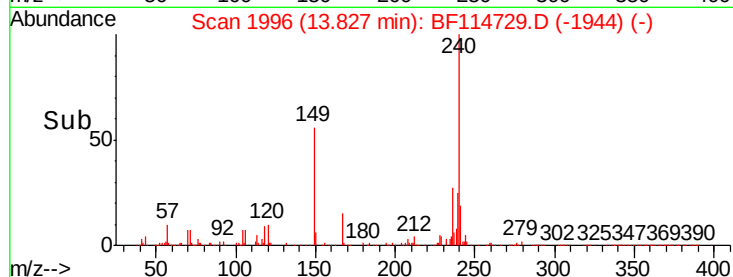
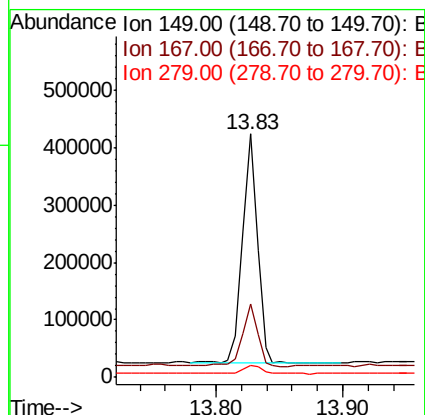
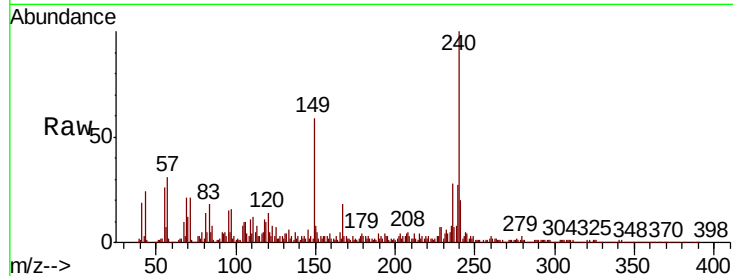




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.940 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

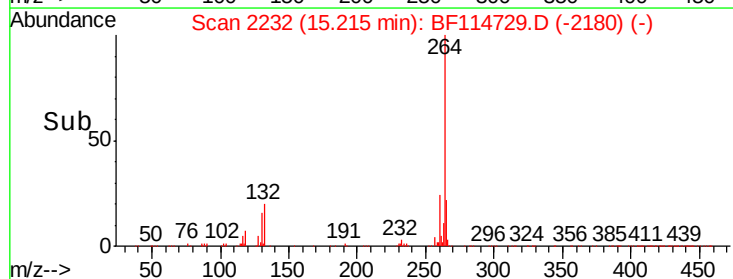
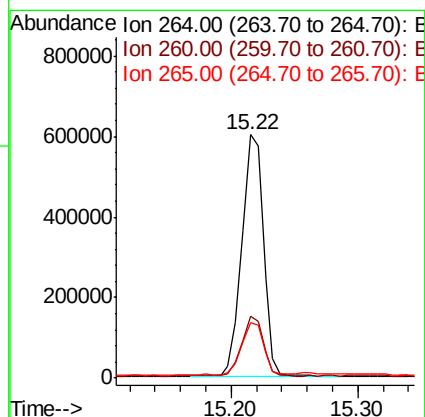
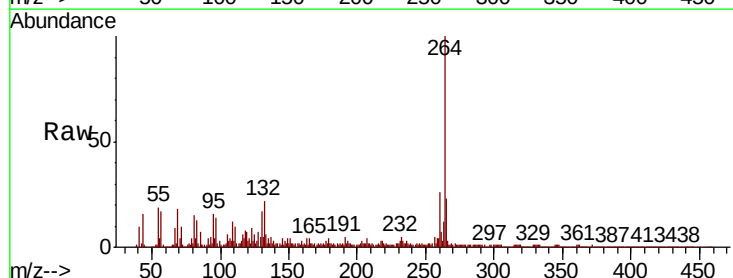
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

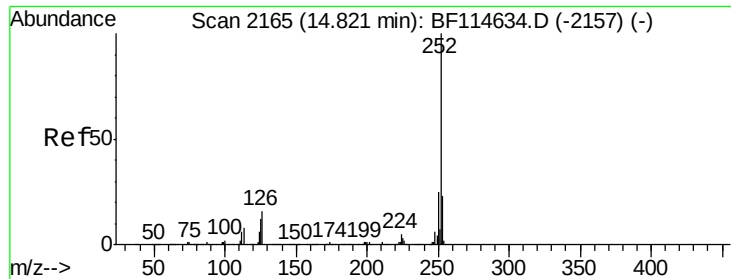
Tgt Ion:149 Resp: 327104
 Ion Ratio Lower Upper
 149 100
 167 30.0 22.6 33.8
 279 5.1 3.0 4.4#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.01 min
 Lab File: BF114729.D
 Acq: 1 Jun 2019 1:27

Tgt Ion:264 Resp: 709102
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.7 29.5
 265 22.9 18.1 27.1

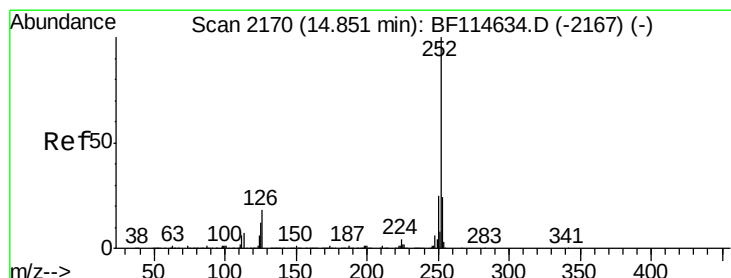
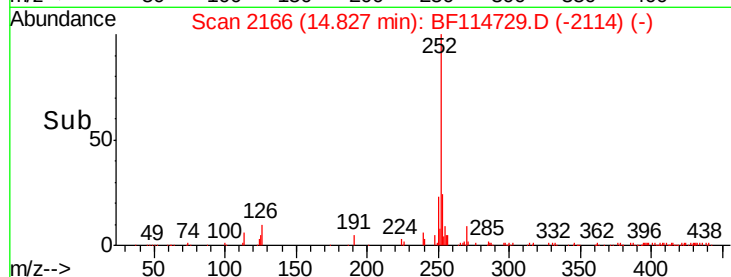
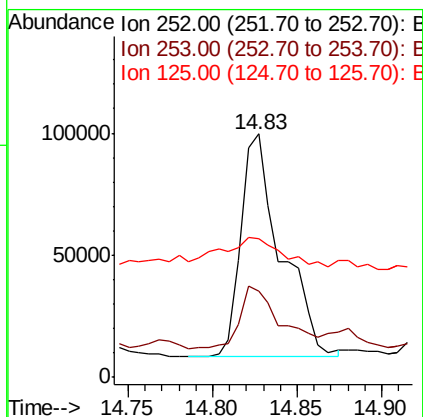
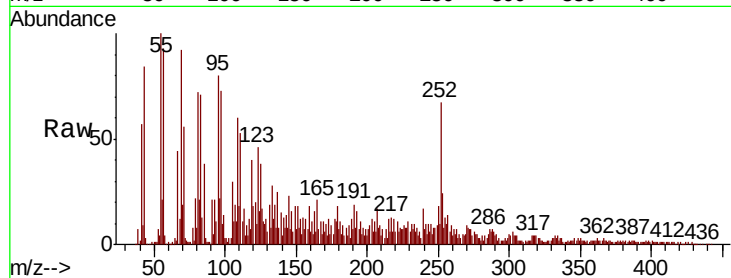




#88
Benzo(b)fluoranthene
Concen: 3.380 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Instrument :
BNA_F
ClientSampleId :
SP-1-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.3	18.7	28.1#
125	56.7	9.4	14.2#



#89
Benzo(k)fluoranthene
Concen: 3.889 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF114729.D
Acq: 1 Jun 2019 1:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.3	18.9	28.3#
125	56.7	9.5	14.3#

