

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112884.D
 Acq On : 6 Mar 2019 16:19
 Operator : JU/SJ
 Sample : K1729-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10RE

Quant Time: Mar 07 04:18:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

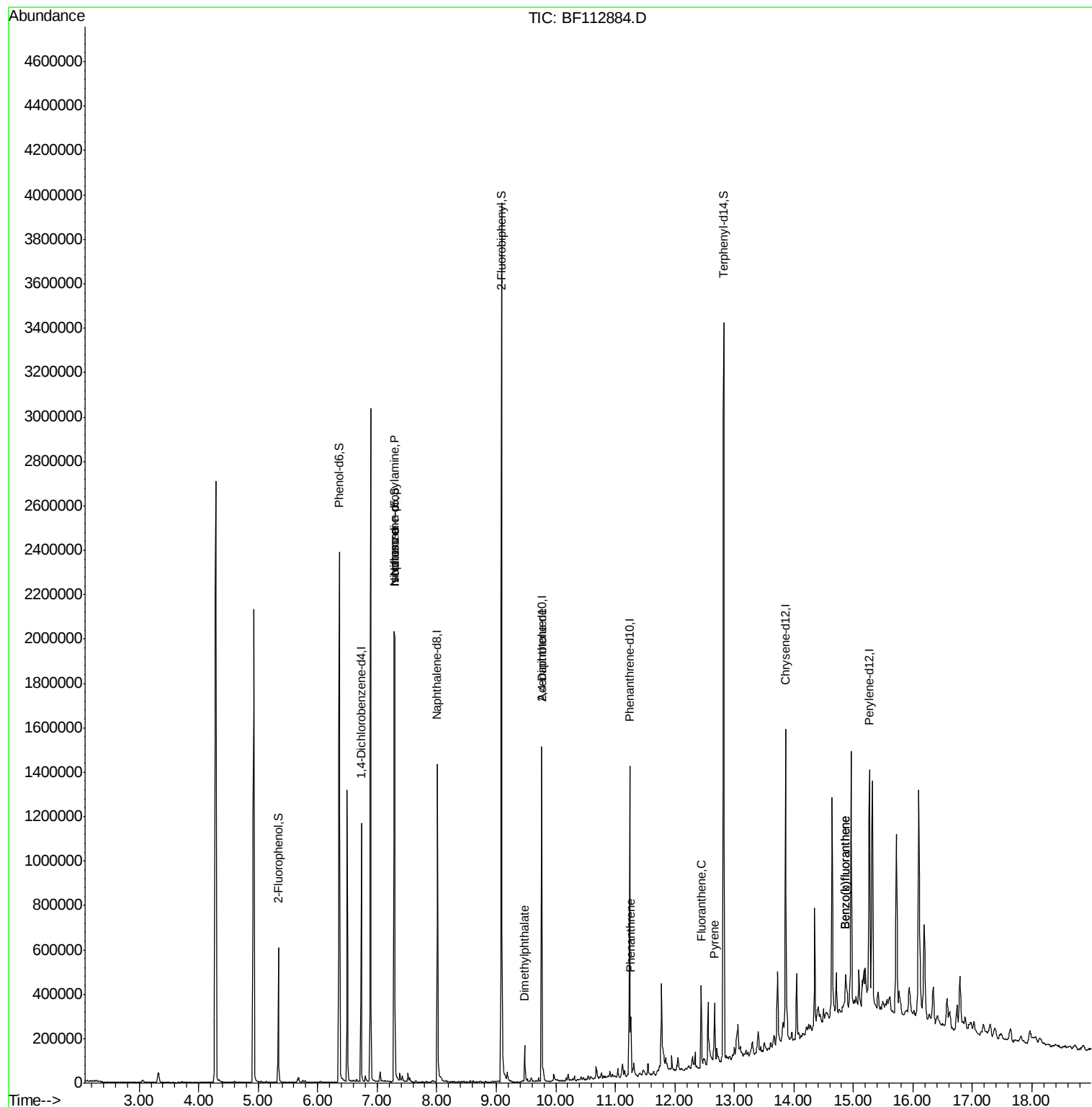
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	183039	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	699190	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	308756	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	542117	20.00	ng	0.00
76) Chrysene-d12	13.86	240	436661	20.00	ng	-0.01
87) Perylene-d12	15.27	264	494863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	162471	13.81	ng	0.00
7) Phenol-d6	6.36	99	784692	53.09	ng	0.00
23) Nitrobenzene-d5	7.29	82	742899	63.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	1760	0.54	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1379104	70.82	ng	-0.01
79) Terphenyl-d14	12.82	244	1168876	51.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	98265	10.497	ng	# 77
25) Isophorone	7.29	82	736349	29.252	ng	# 66
50) Dimethylphthalate	9.48	163	71976	3.162	ng	99
57) 2,4-Dinitrotoluene	9.76	165	40236	6.828	ng	# 17
71) Phenanthrene	11.26	178	94550	3.505	ng	96
75) Fluoranthene	12.44	202	147889	5.118	ng	94
78) Pyrene	12.67	202	112037	3.044	ng	97
88) Benzo(b)fluoranthene	14.87	252	105295	3.290	ng	# 97
89) Benzo(k)fluoranthene	14.87	252	105295	3.632	ng	# 97

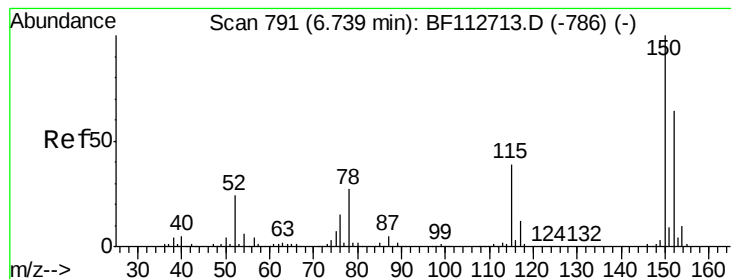
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112884.D
Acq On : 6 Mar 2019 16:19
Operator : JU/SJ
Sample : K1729-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10RE

Quant Time: Mar 07 04:18:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



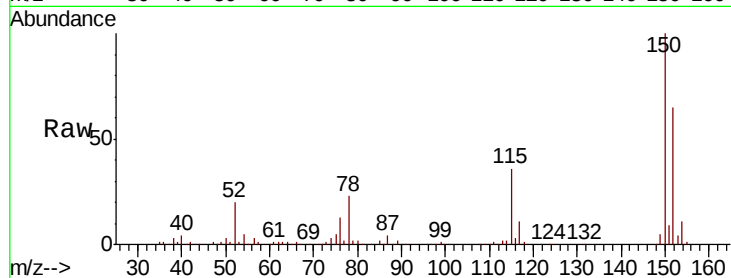


#1

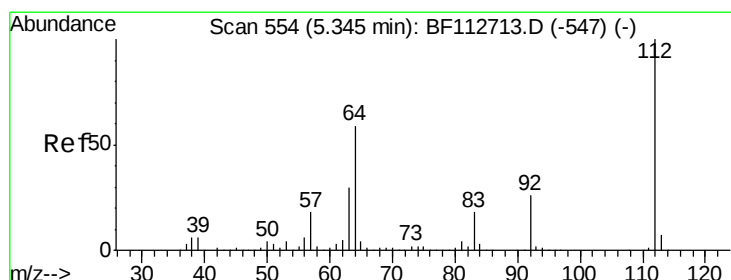
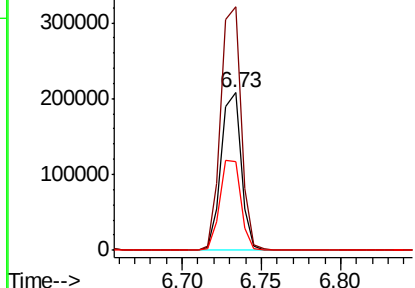
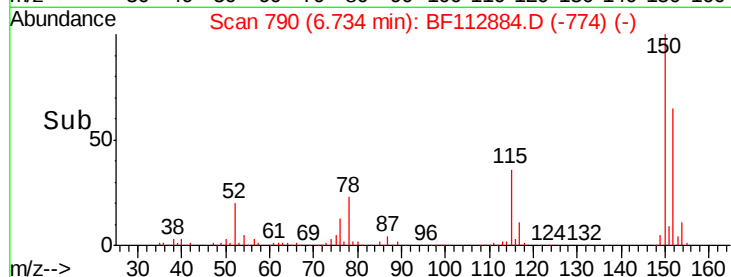
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF112884.D
 Acq: 6 Mar 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10RE

Tgt Ion:152 Resp: 183039
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.2 186.2
 115 56.4 48.2 72.4



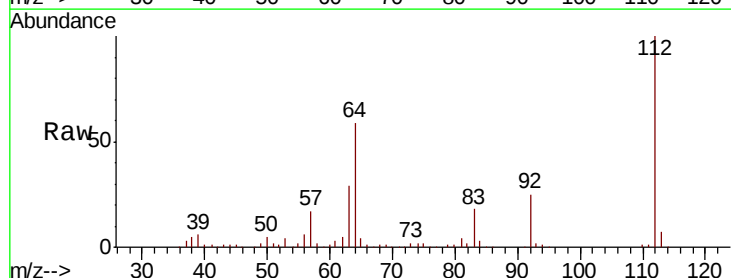
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



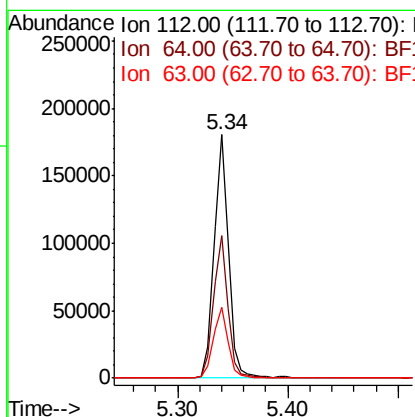
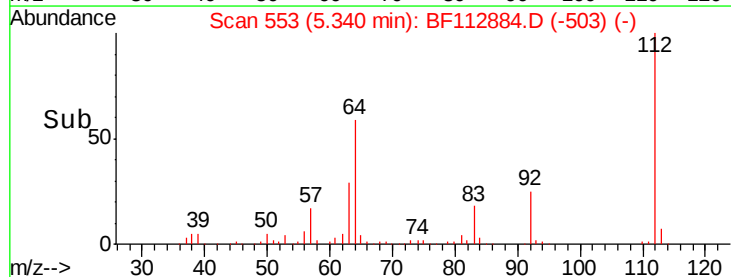
#5

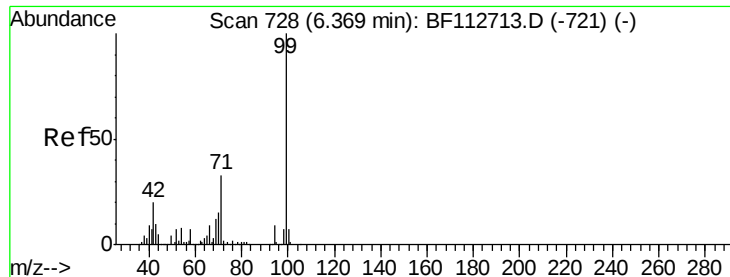
2-Fluorophenol
 Concen: 13.807 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF112884.D
 Acq: 6 Mar 2019 16:19

Tgt Ion:112 Resp: 162471
 Ion Ratio Lower Upper
 112 100
 64 58.5 47.6 71.4
 63 29.1 24.4 36.6



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: 53.087 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-10RE

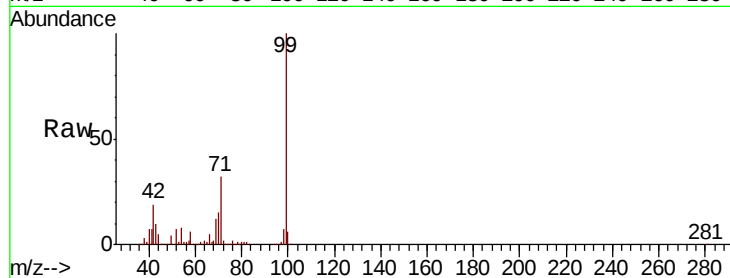
Tgt Ion: 99 Resp: 784692

Ion Ratio Lower Upper

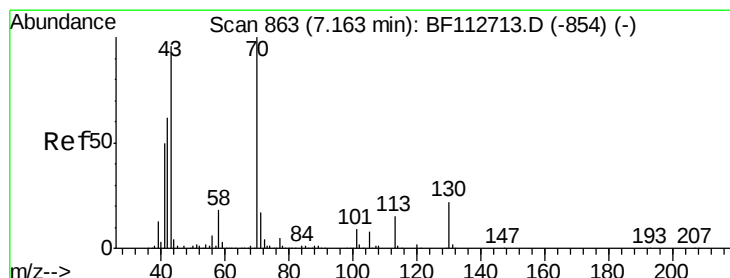
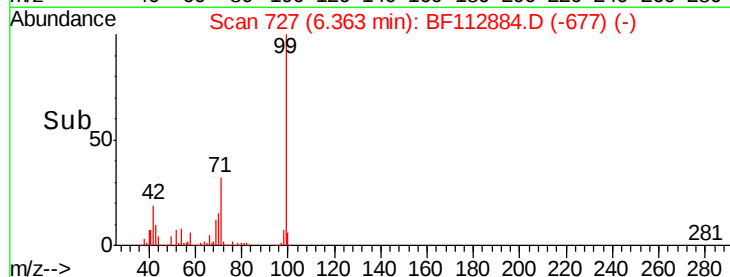
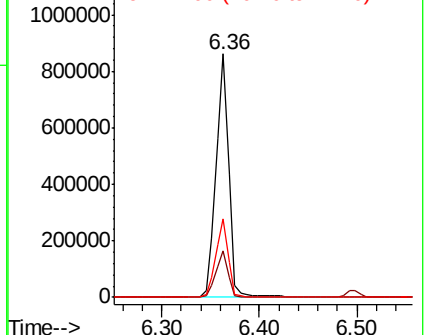
99 100

42 19.0 16.3 24.5

71 32.1 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.497 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Tgt Ion: 70 Resp: 98265

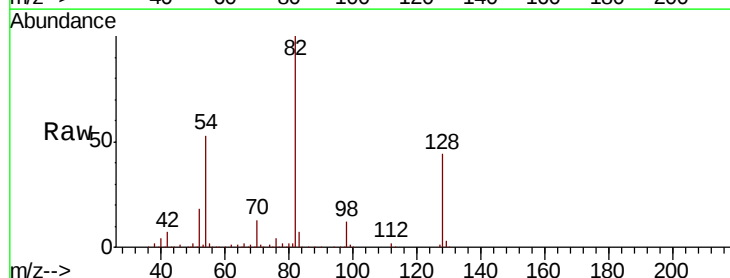
Ion Ratio Lower Upper

70 100

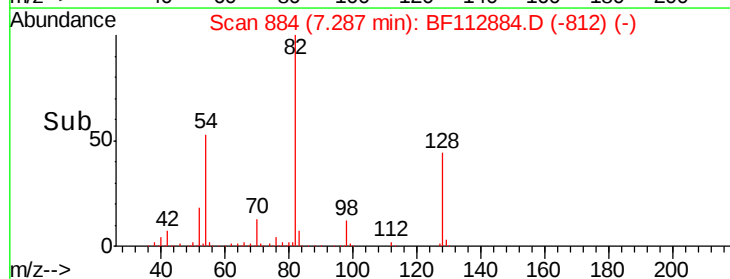
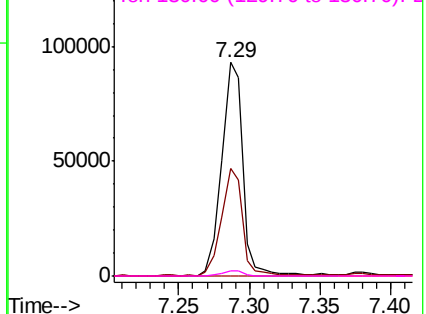
42 50.4 49.9 74.9

101 0.0 7.4 11.2#

130 2.2 17.4 26.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): B
Ion 130.00 (129.70 to 130.70): B

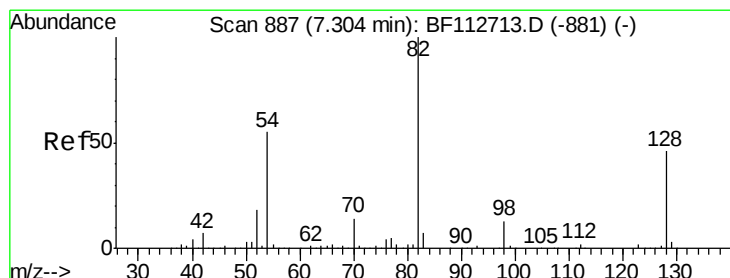
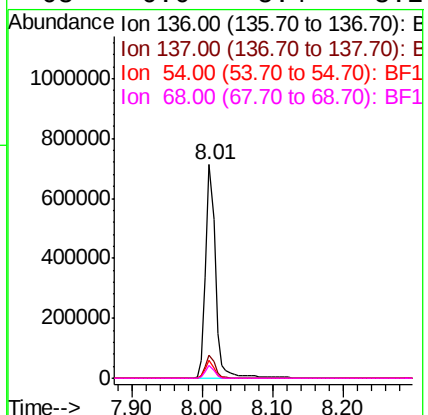
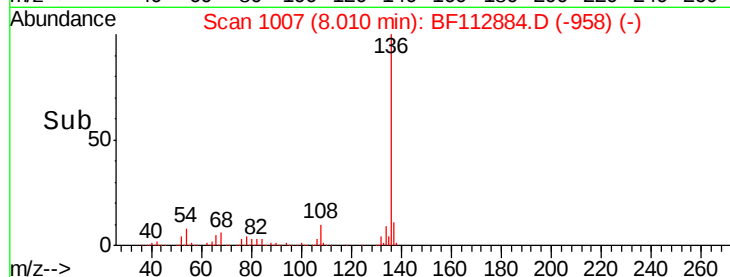
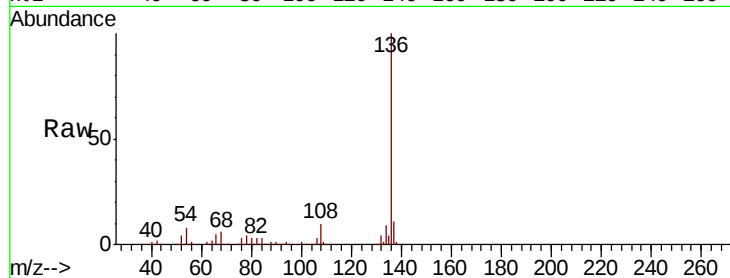




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

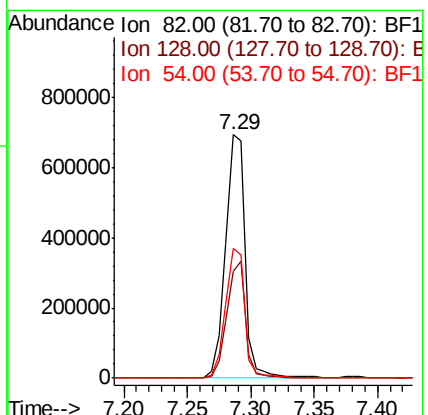
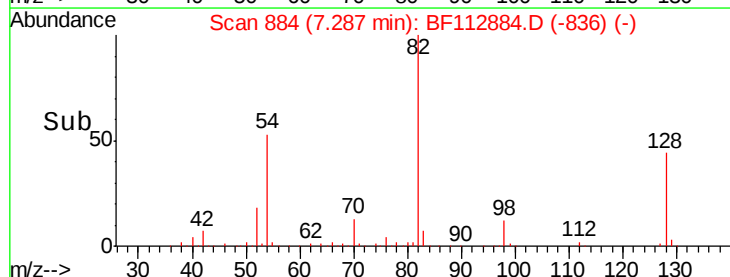
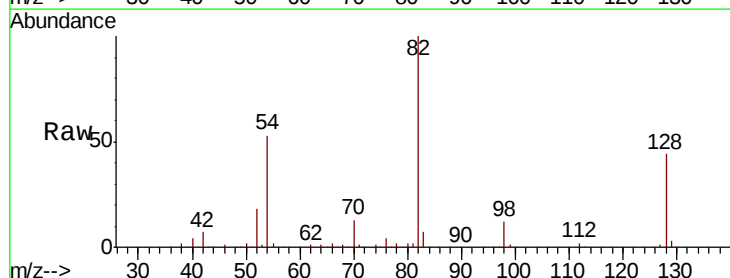
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10RE

Tgt Ion:	136	Resp:	699190
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	7.3	10.9
68	6.0	5.4	8.2



#23
Nitrobenzene-d5
Concen: 63.579 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Tgt Ion:	82	Resp:	742899
Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.3	54.5
54	53.2	43.7	65.5

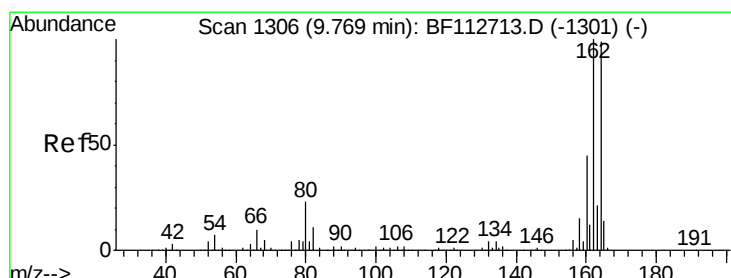
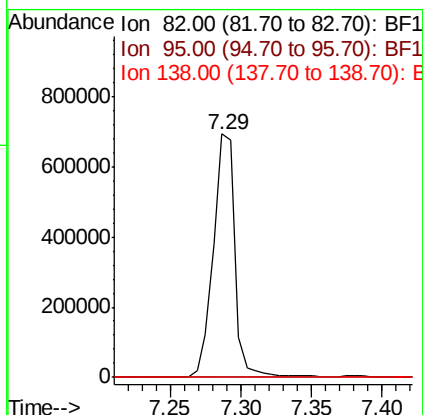
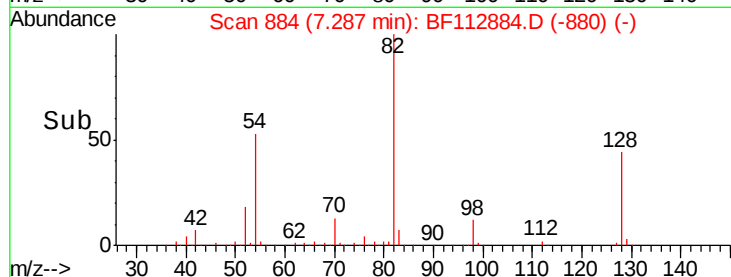
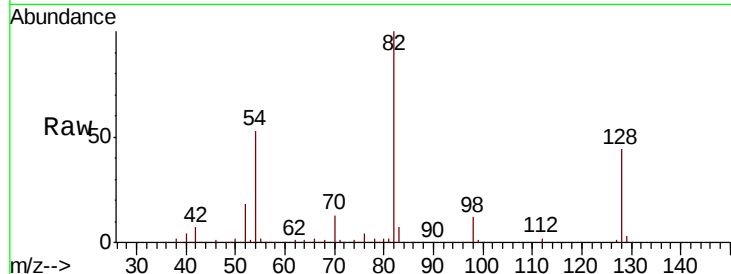




#25
Isophorone
Concen: 29.252 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

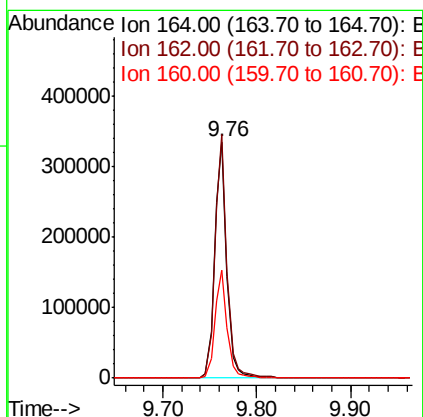
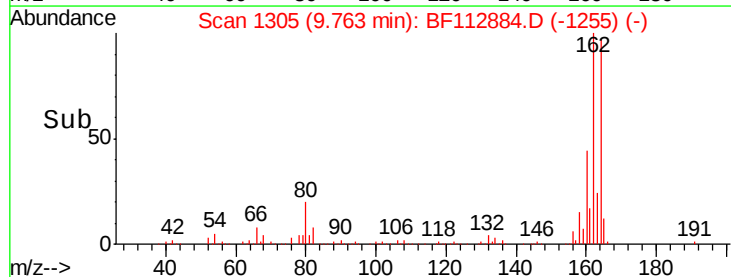
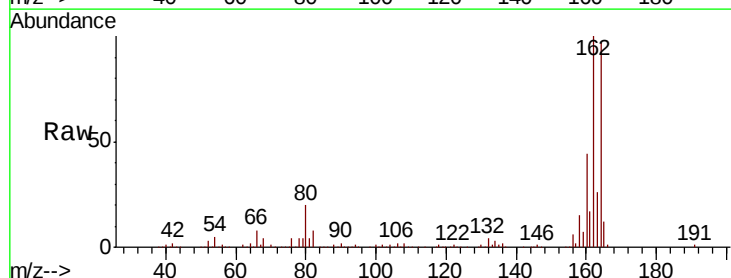
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10RE

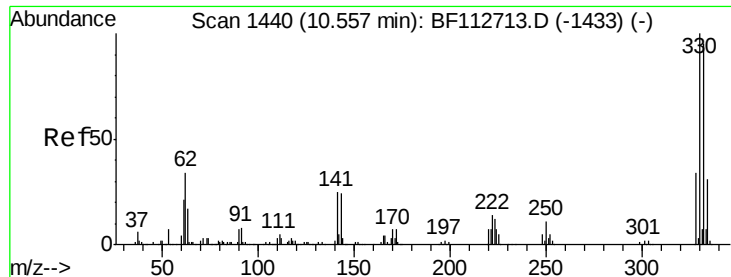
Tgt Ion: 82 Resp: 736349
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Tgt Ion: 164 Resp: 308756
Ion Ratio Lower Upper
164 100
162 103.1 80.6 120.8
160 45.8 36.0 54.0

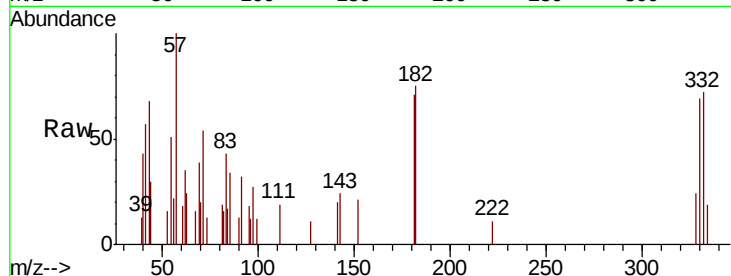




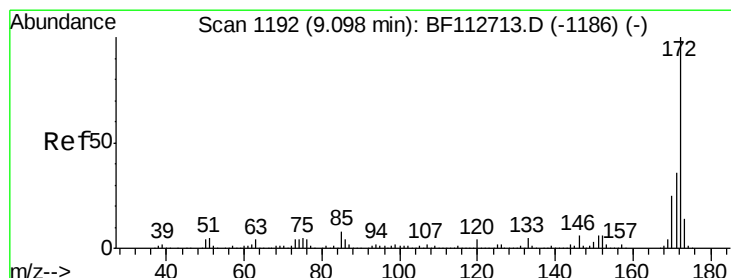
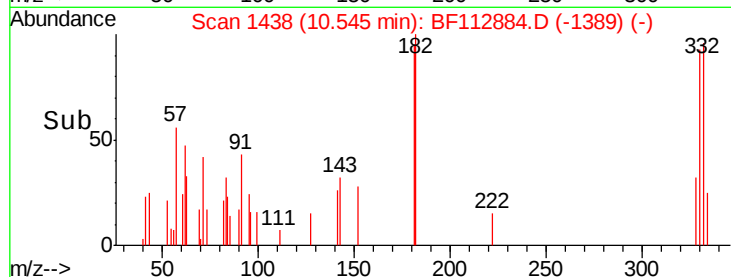
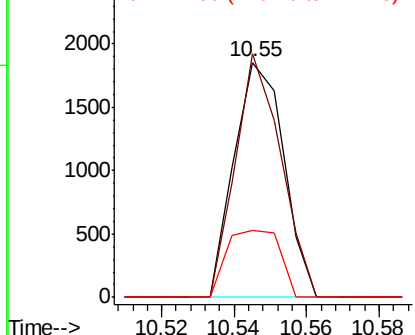
#42
 2,4,6-Tribromophenol
 Concen: 0.537 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112884.D
 Acq: 6 Mar 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10RE

Tgt Ion:330 Resp: 1760
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.2 114.4
 141 30.6 27.0 40.6

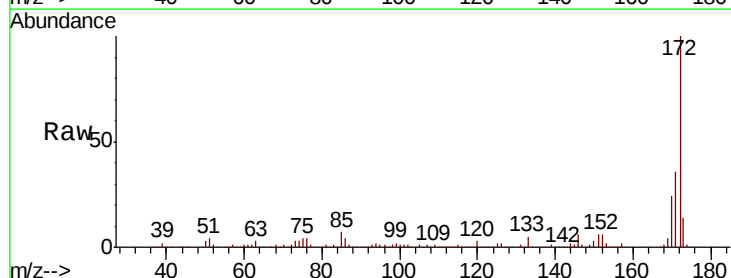


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

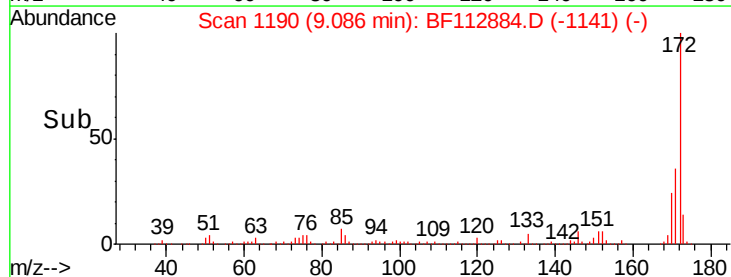
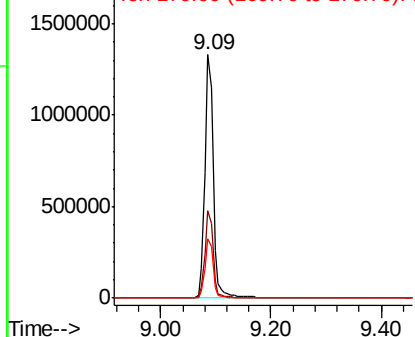


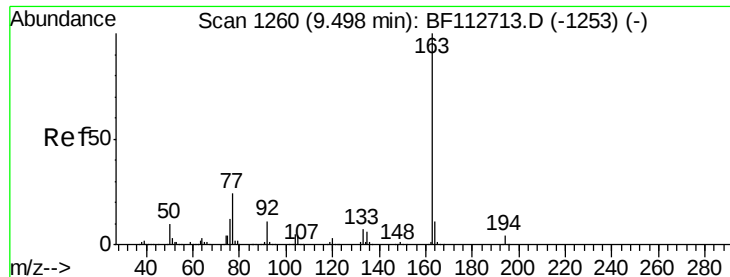
#45
 2-Fluorobiphenyl
 Concen: 70.820 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112884.D
 Acq: 6 Mar 2019 16:19

Tgt Ion:172 Resp: 1379104
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 24.1 20.0 30.0



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

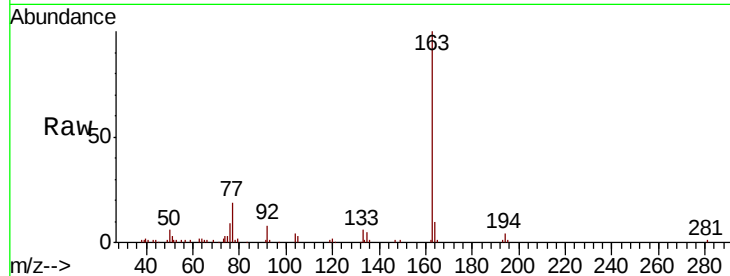




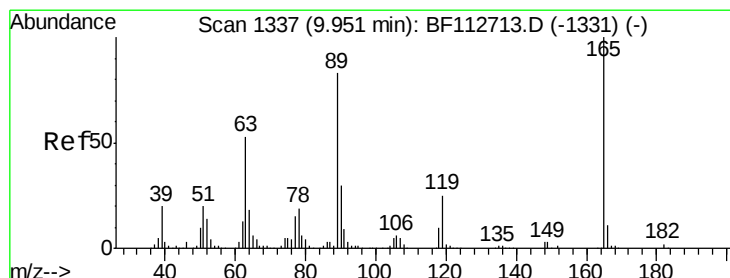
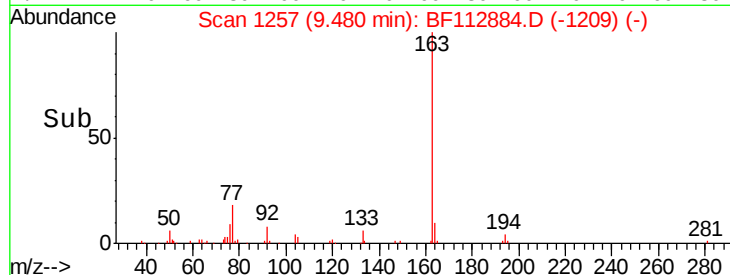
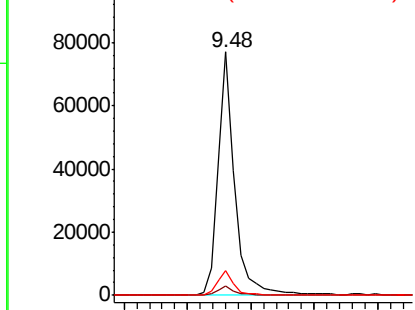
#50
Dimethylphthalate
Concen: 3.162 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10RE

Tgt Ion:163 Resp: 71976
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.2 8.4 12.6

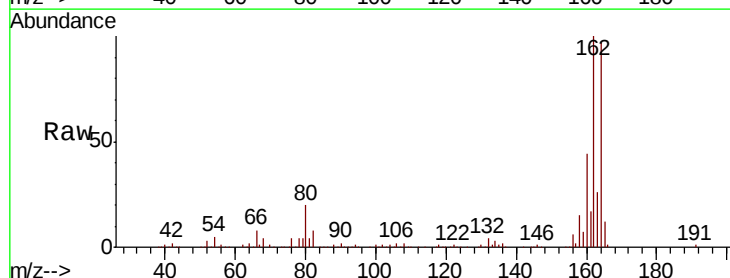


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

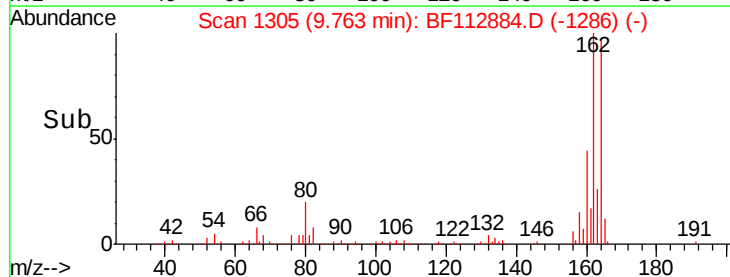
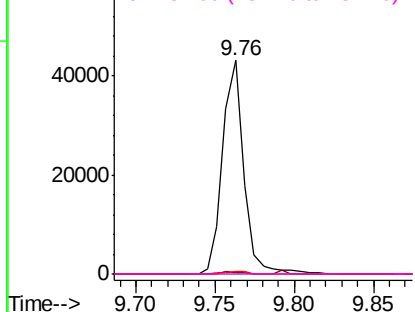


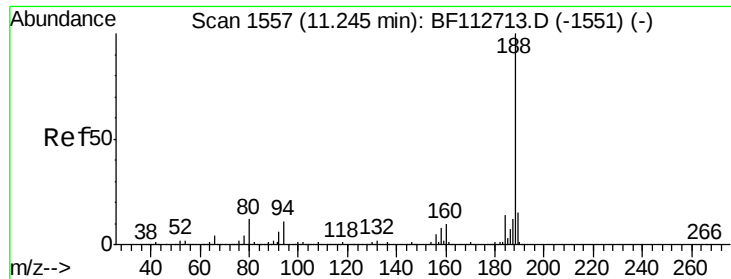
#57
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Tgt Ion:165 Resp: 40236
Ion Ratio Lower Upper
165 100
63 0.9 42.2 63.2#
89 1.2 66.2 99.4#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-10RE

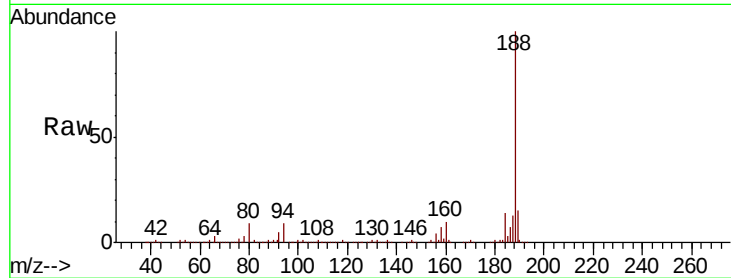
Tgt Ion:188 Resp: 542117

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

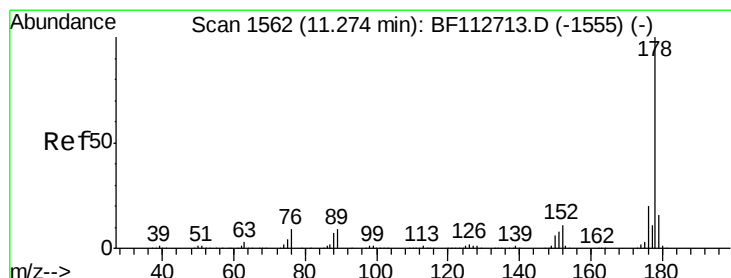
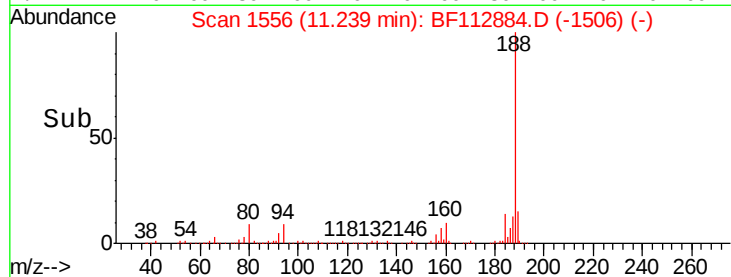
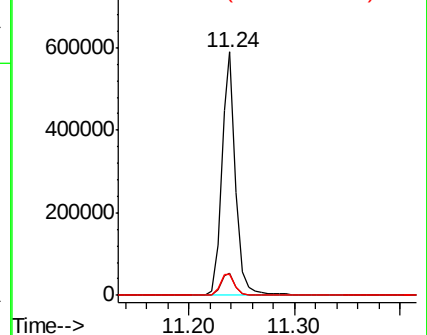
80 8.8 9.2 13.8#



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



#71

Phenanthrene

Concen: 3.505 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

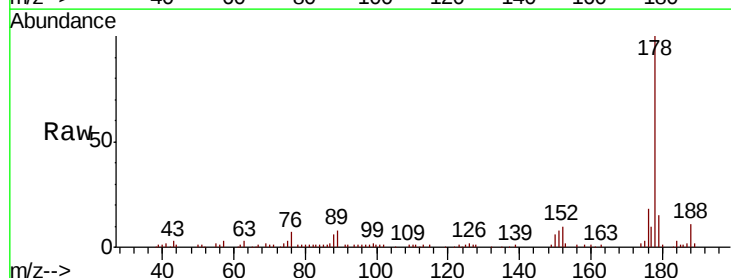
Tgt Ion:178 Resp: 94550

Ion Ratio Lower Upper

178 100

176 18.0 16.3 24.5

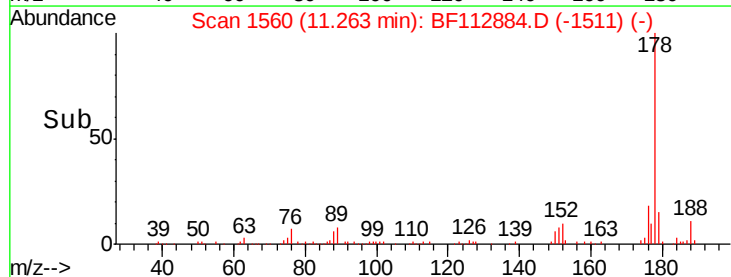
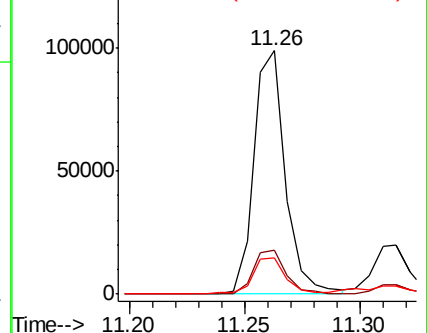
179 14.6 12.7 19.1

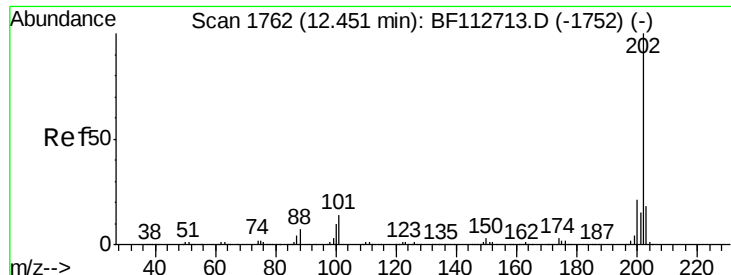


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 5.118 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-10RE

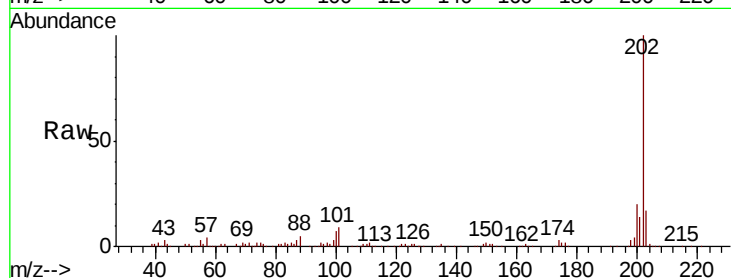
Tgt Ion: 202 Resp: 147889

Ion Ratio Lower Upper

202 100

101 9.5 0.0 33.8

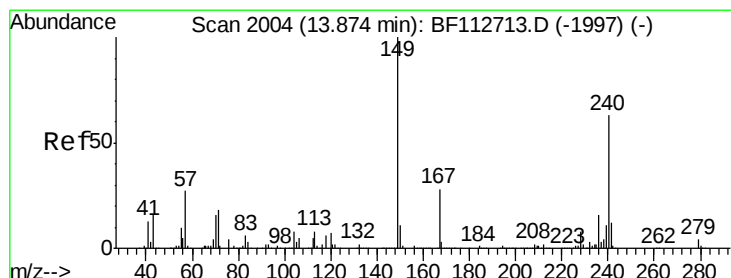
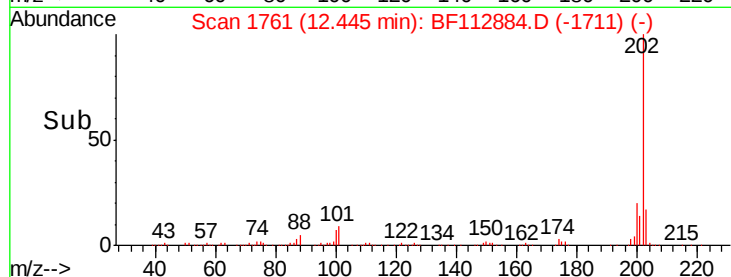
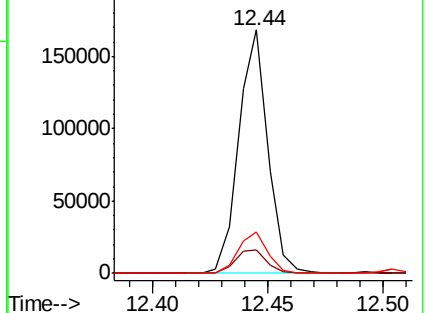
203 17.1 0.0 38.4



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

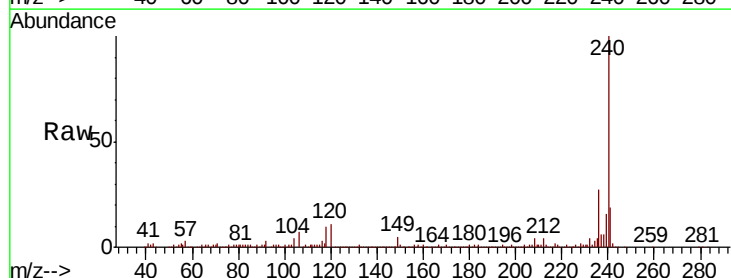
Tgt Ion: 240 Resp: 436661

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

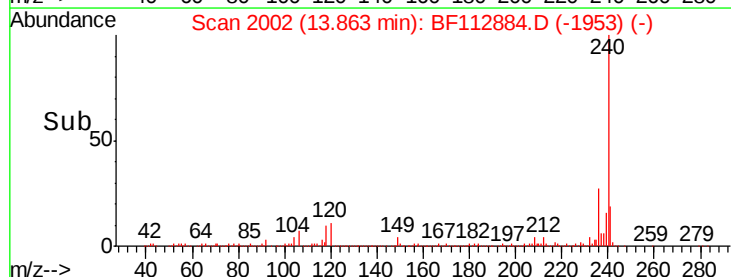
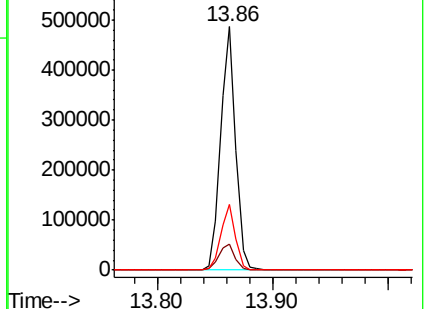
236 27.0 20.7 31.1

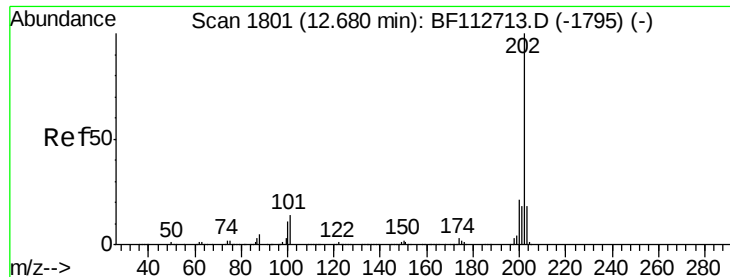


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

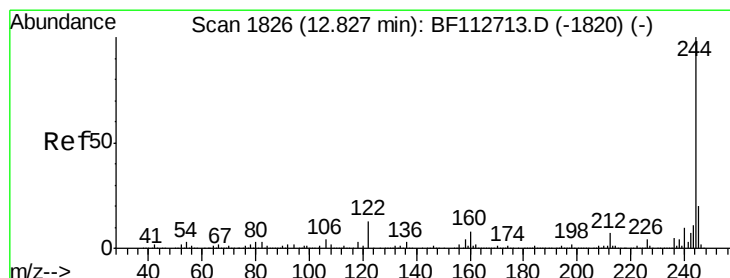
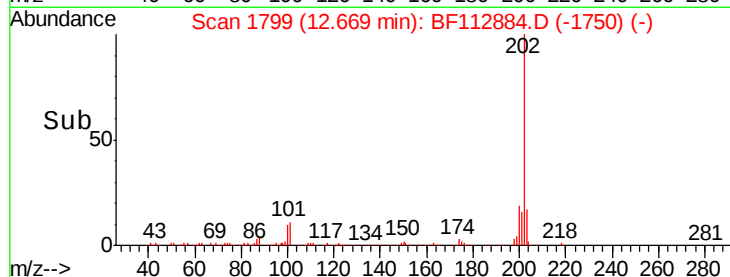
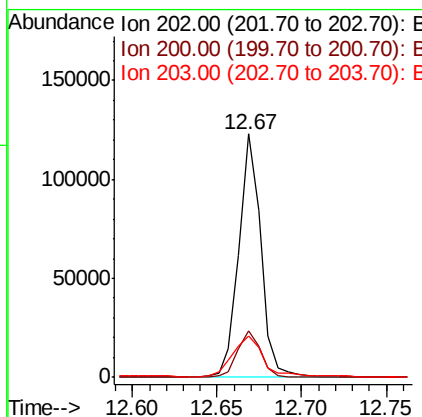
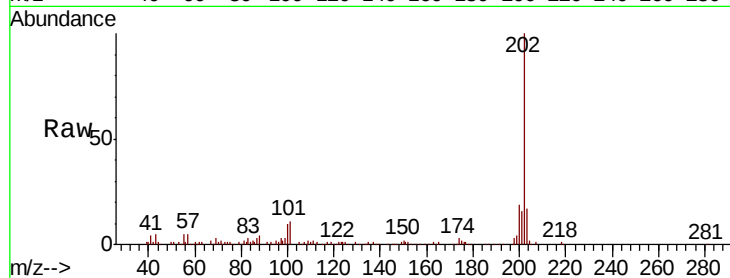




#78
Pyrene
Concen: 3.044 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

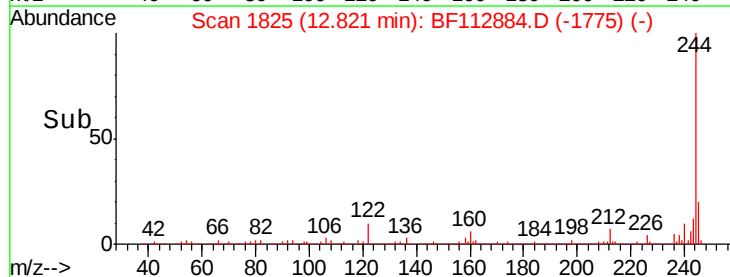
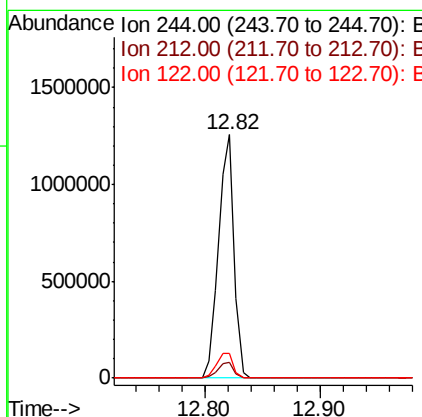
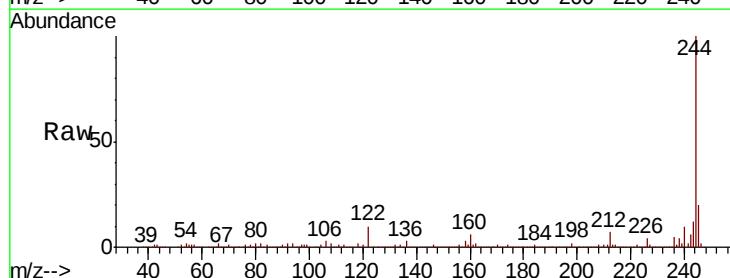
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10RE

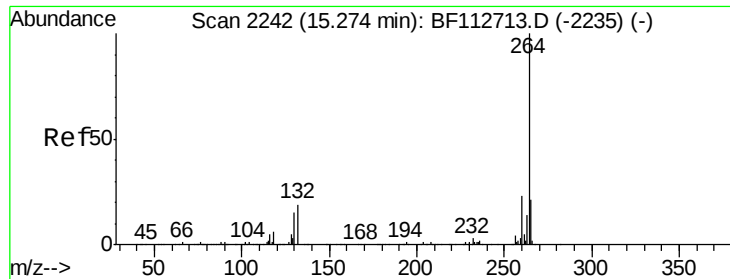
Tgt Ion: 202 Resp: 112037
Ion Ratio Lower Upper
202 100
200 19.3 17.0 25.4
203 17.0 14.4 21.6



#79
Terphenyl-d14
Concen: 51.891 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Tgt Ion: 244 Resp: 1168876
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.3 10.5 15.7#

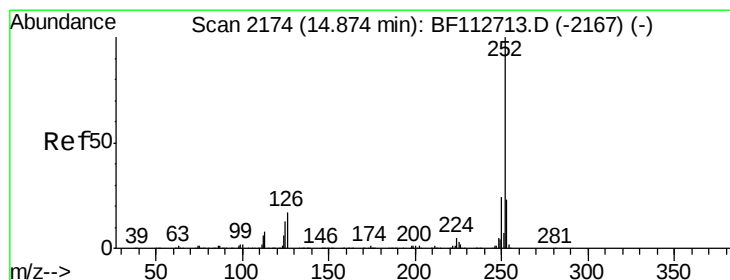
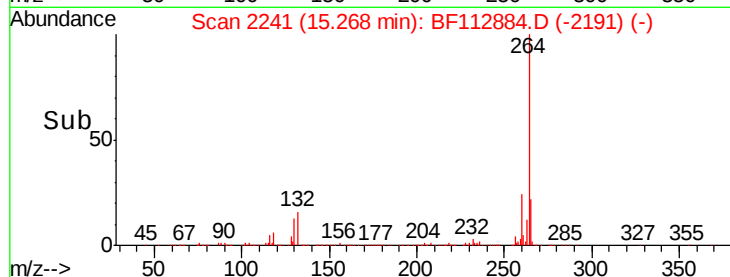
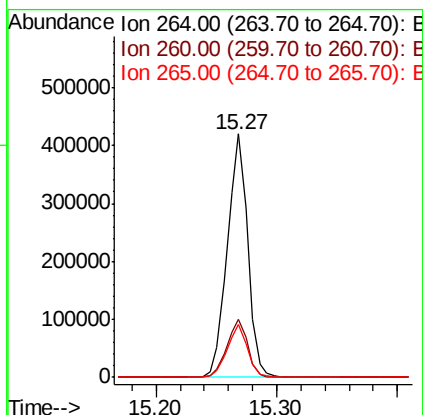
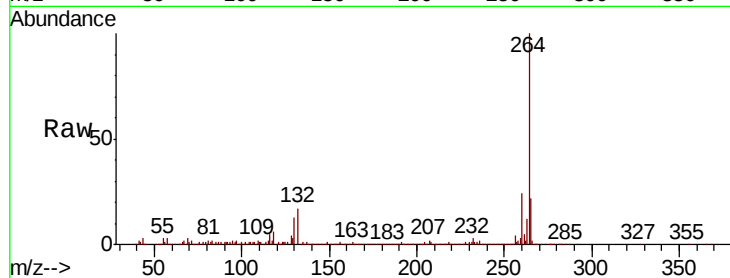




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

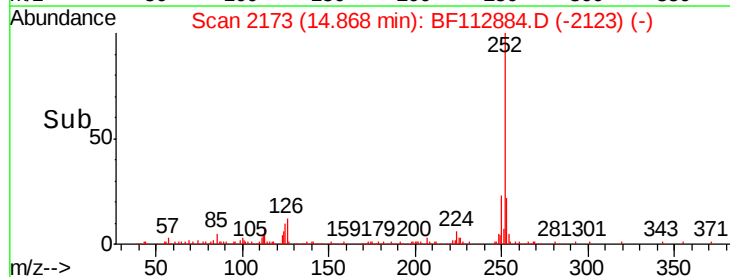
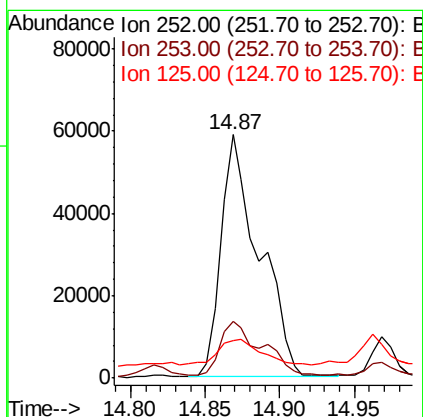
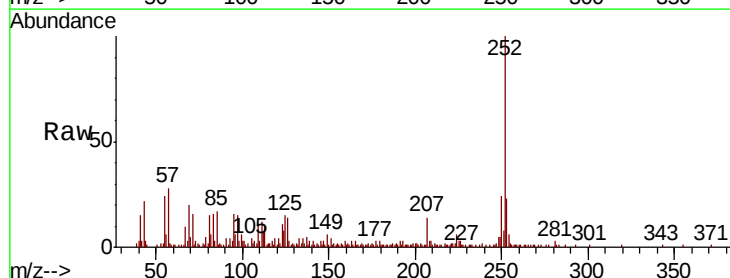
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10RE

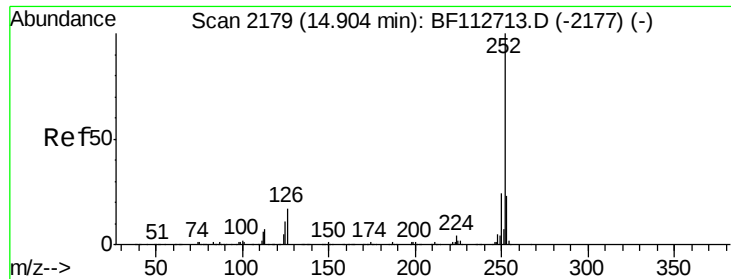
Tgt Ion:264 Resp: 494863
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.6 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 3.290 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Tgt Ion:252 Resp: 105295
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 15.3 10.2 15.2#





#89
 Benzo(k)fluoranthene
 Concen: 3.632 ng
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.04 min
 Lab File: BF112884.D
 Acq: 6 Mar 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	15.3	9.8	14.6

