

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110983.D
 Acq On : 27 Nov 2018 00:14
 Operator : JU/SJ
 Sample : J6055-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-7

Quant Time: Nov 27 03:00:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

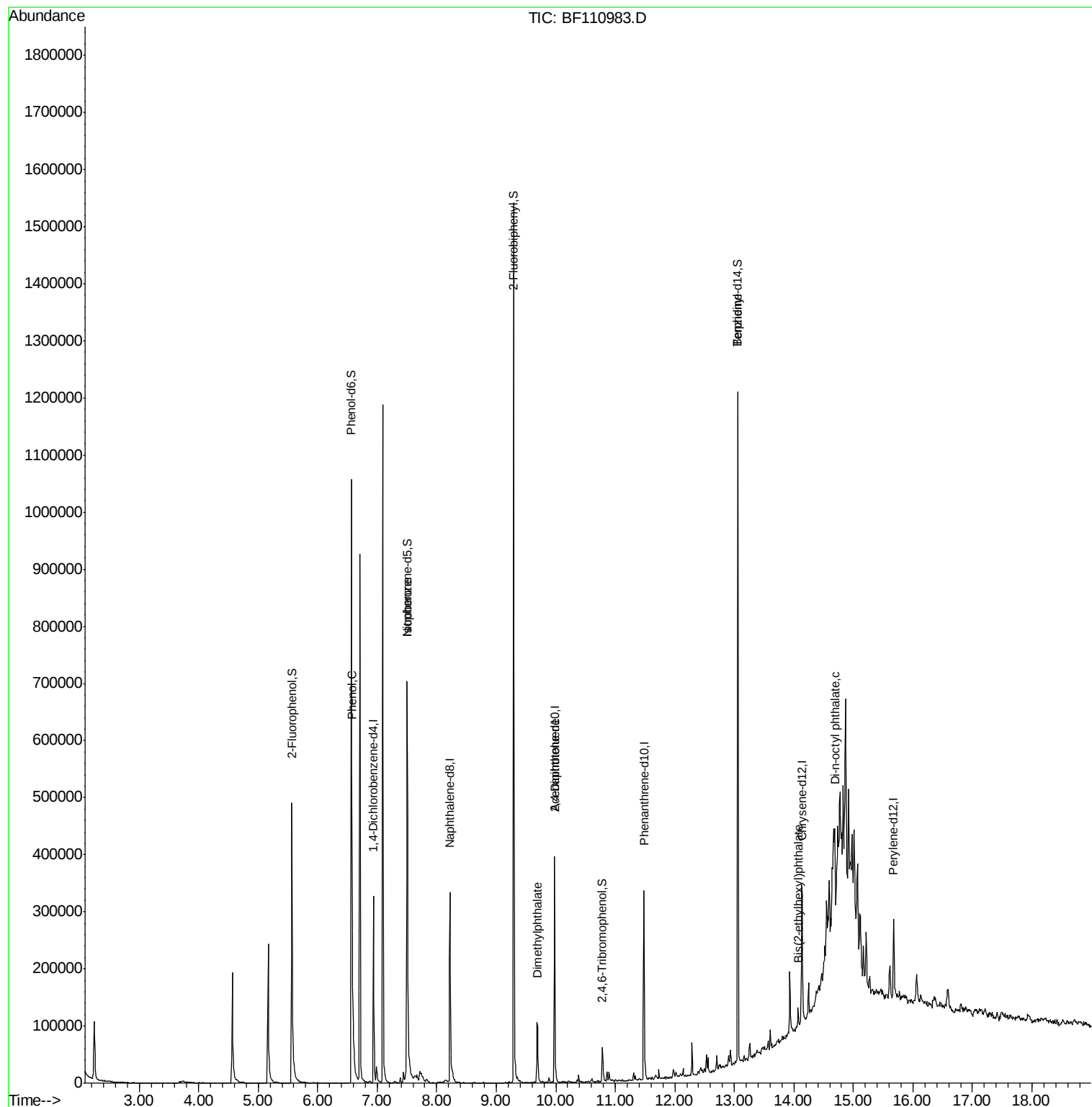
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53521	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	194123	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	79248	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	143772	20.00	ng	0.00
76) Chrysene-d12	14.13	240	87002	20.00	ng	0.00
87) Perylene-d12	15.67	264	70011	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	180617	55.96	ng	0.01
7) Phenol-d6	6.57	99	391192	93.01	ng	0.00
23) Nitrobenzene-d5	7.50	82	259209	76.42	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	10549	13.40	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	470860	86.08	ng	0.00
79) Terphenyl-d14	13.06	244	404061	90.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	762	Below Cal		Qvalue
10) Phenol	6.58	94	24109	5.090 ng	#	1
25) Isophorone	7.50	82	259207	46.587 ng	#	84
50) Dimethylphthalate	9.69	163	59272	10.198 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	9859	5.873 ng	#	98
77) Benzidine	13.06	184	5777	2.596 ng	#	17
84) Bis(2-ethylhexyl)phthalate	14.07	149	9519	2.490 ng	#	94
85) Di-n-octyl phthalate	14.69	149	135787	22.503 ng	#	95
					#	45

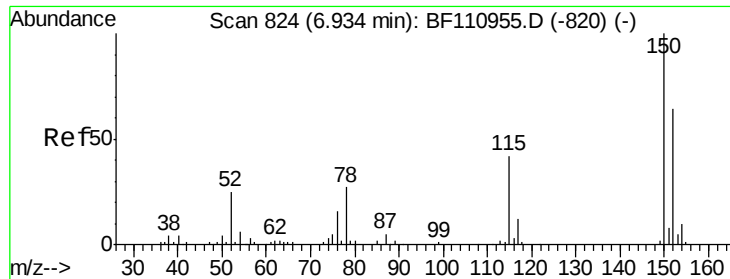
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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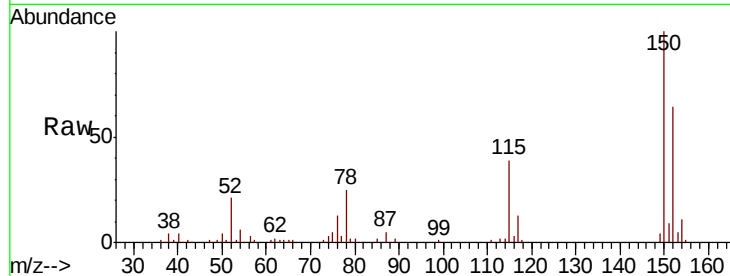




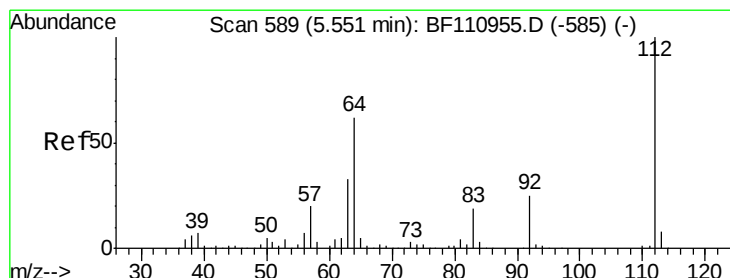
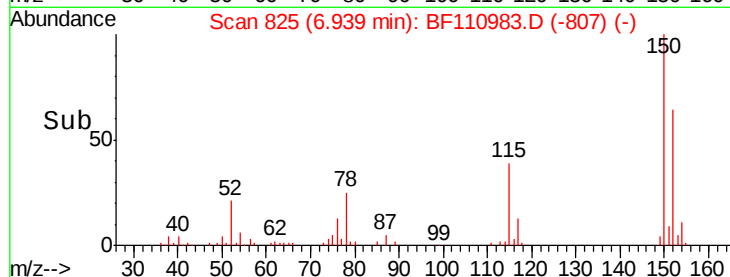
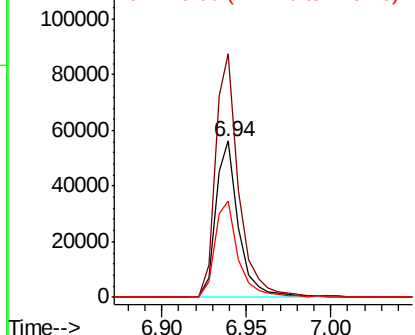
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF110983.D
 Acq: 27 Nov 2018 00:14

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-7

Tgt Ion:152 Resp: 53521
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.7 184.1
 115 61.2 49.1 73.7

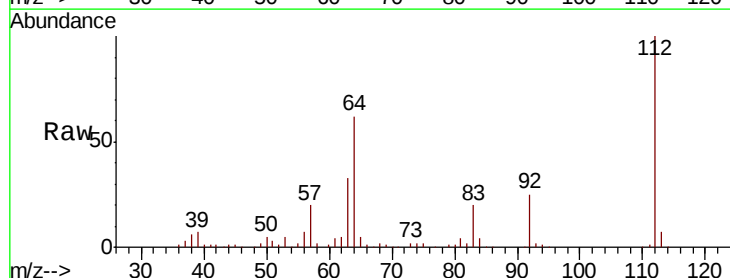


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

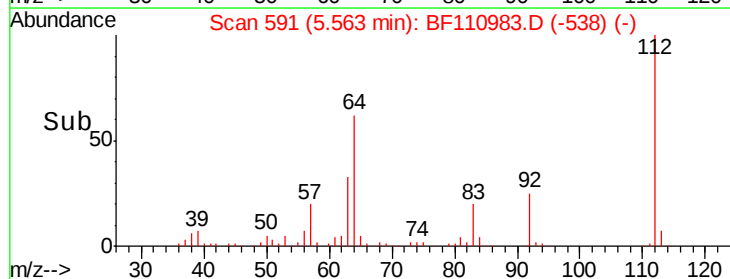
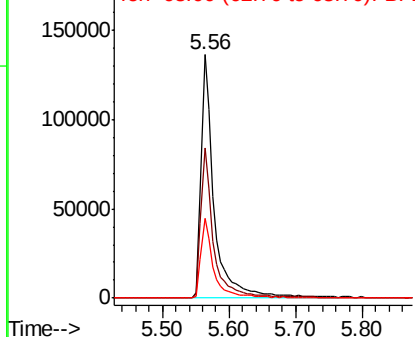


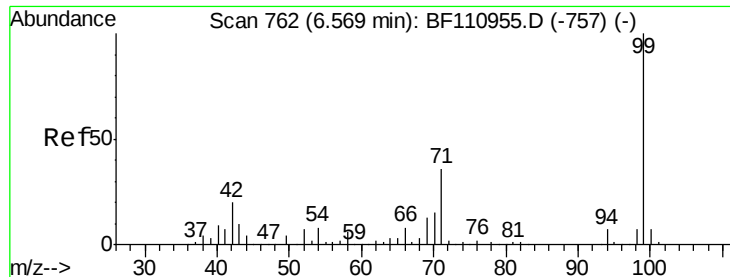
#5
 2-Fluorophenol
 Concen: 55.963 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF110983.D
 Acq: 27 Nov 2018 00:14

Tgt Ion:112 Resp: 180617
 Ion Ratio Lower Upper
 112 100
 64 61.8 44.1 66.1
 63 32.9 23.7 35.5



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

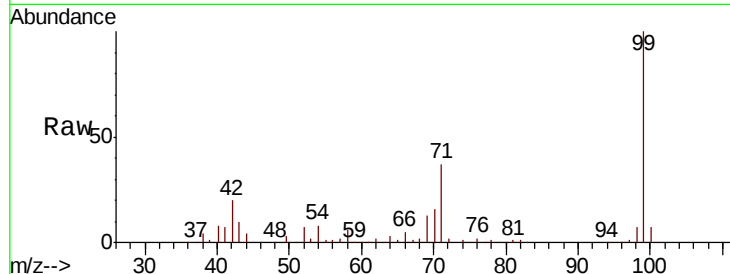




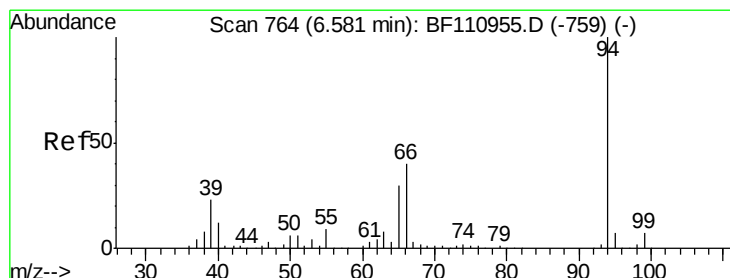
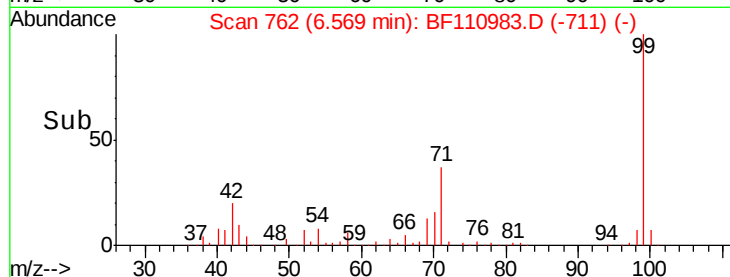
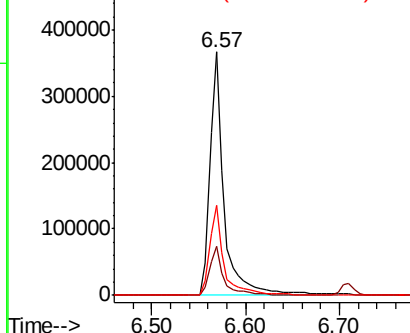
#7
Phenol-d6
Concen: 93.011 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-7

Tgt Ion: 99 Resp: 391192
Ion Ratio Lower Upper
99 100
42 20.0 15.8 23.6
71 36.7 28.0 42.0

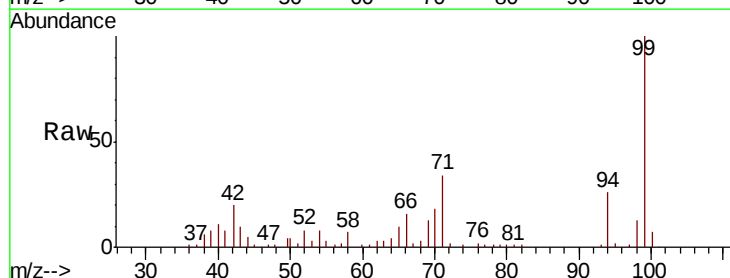


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

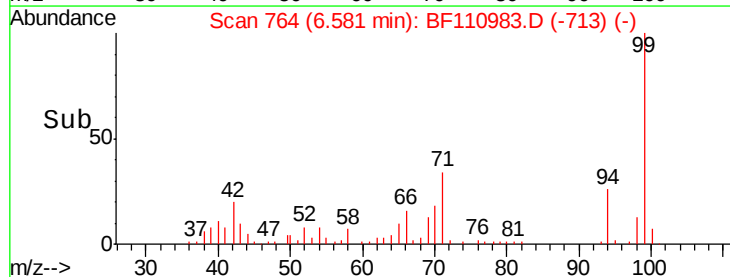
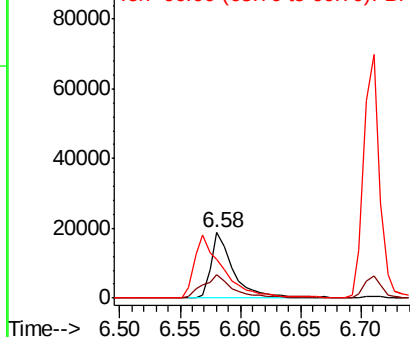


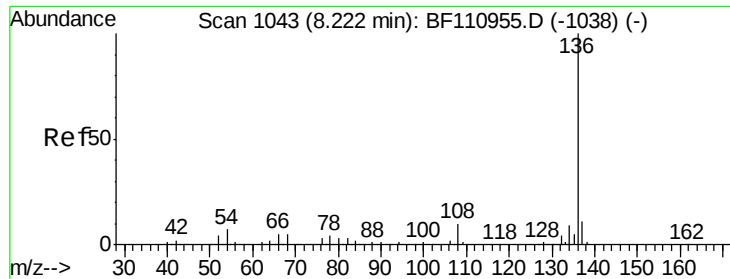
#10
Phenol
Concen: 5.090 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

Tgt Ion: 94 Resp: 24109
Ion Ratio Lower Upper
94 100
65 36.5 25.3 65.3
66 60.0 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

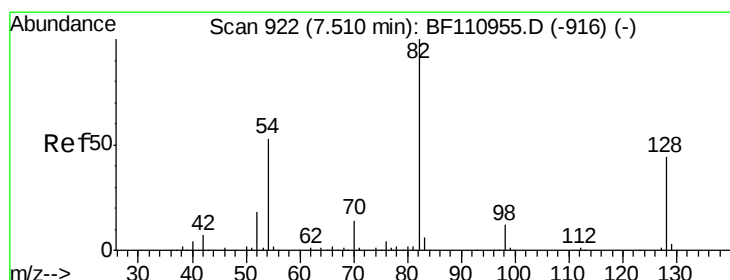
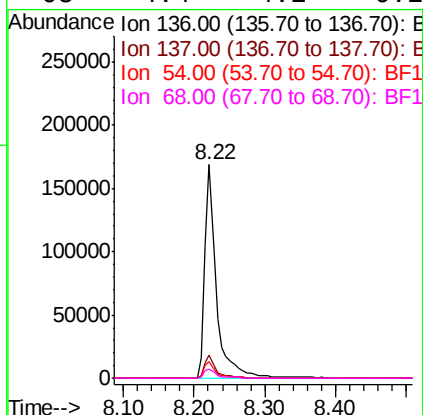
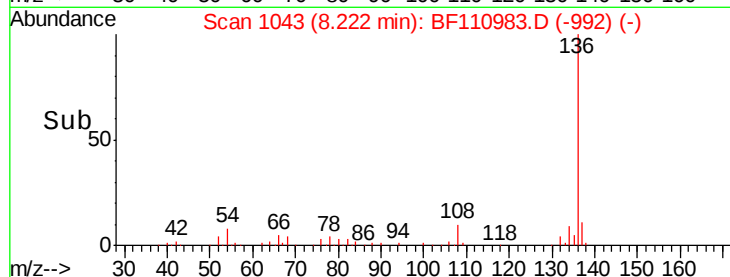
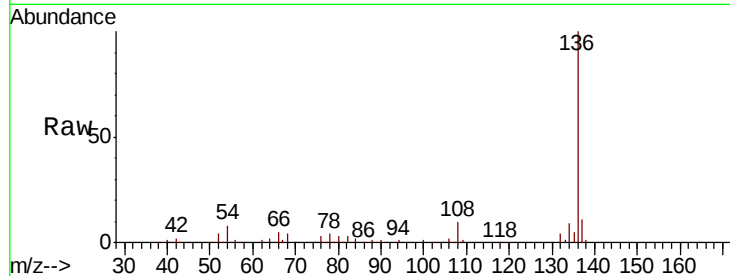




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

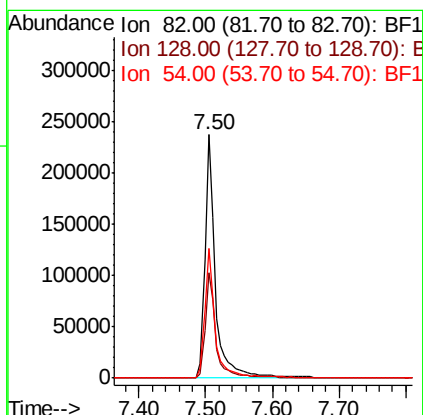
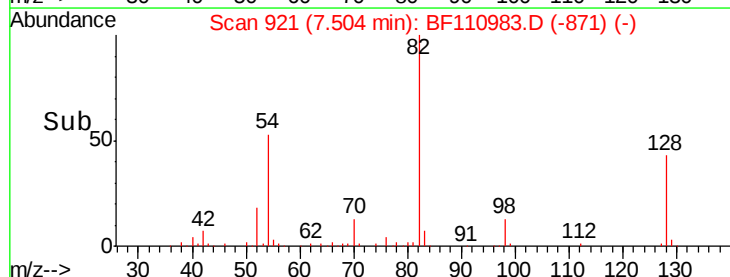
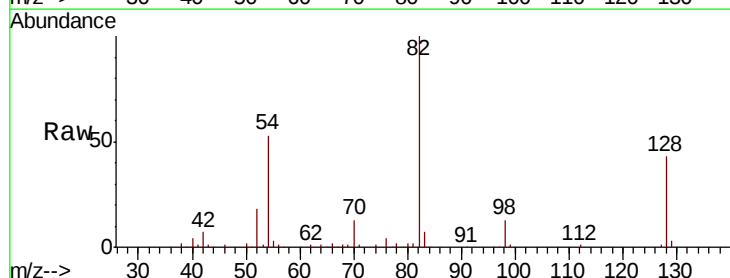
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-7

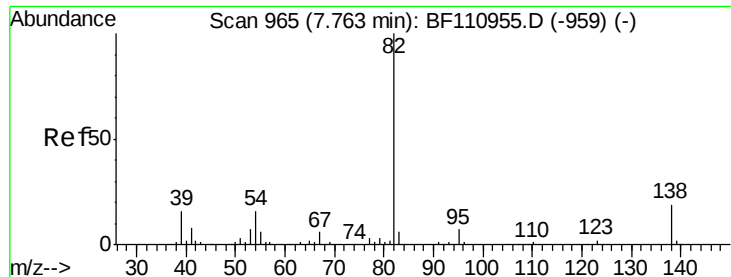
Tgt Ion:	136	Resp:	194123
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.0	5.4	8.2
68	4.4	4.2	6.2



#23
Nitrobenzene-d5
Concen: 76.419 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

Tgt Ion:	82	Resp:	259209
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.2	51.2
54	53.4	38.6	58.0





#25

Isophorone

Concen: 46.587 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110983.D

Acq: 27 Nov 2018 00:14

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-7

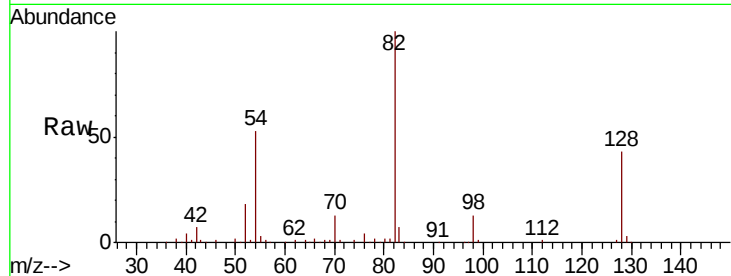
Tgt Ion: 82 Resp: 259207

Ion Ratio Lower Upper

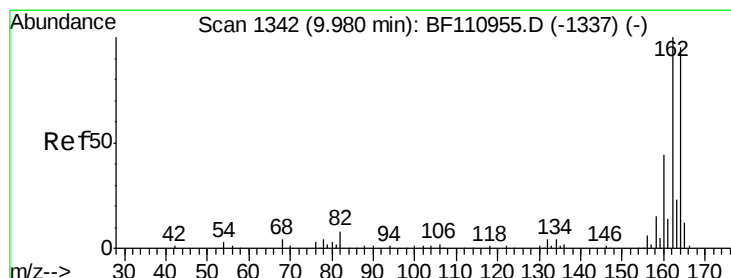
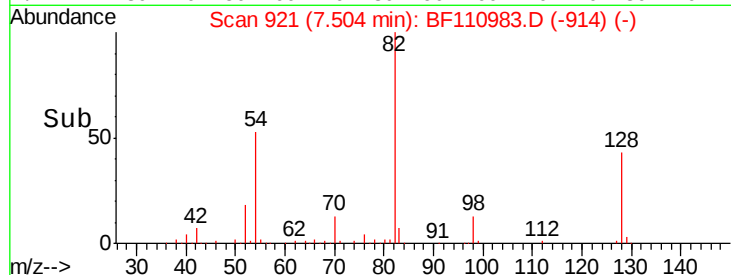
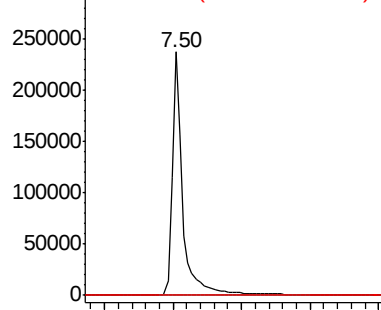
82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF110983.D

Acq: 27 Nov 2018 00:14

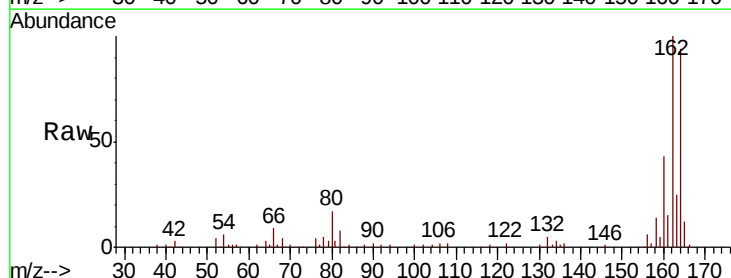
Tgt Ion: 164 Resp: 79248

Ion Ratio Lower Upper

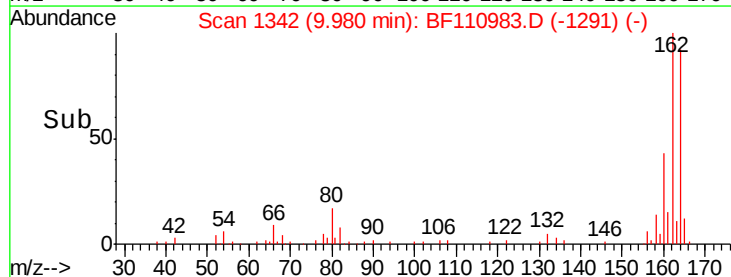
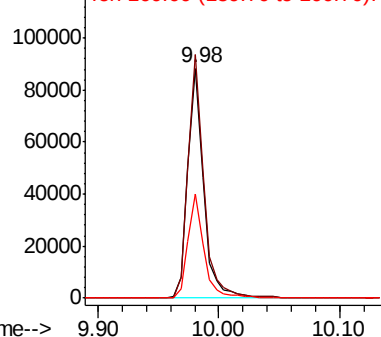
164 100

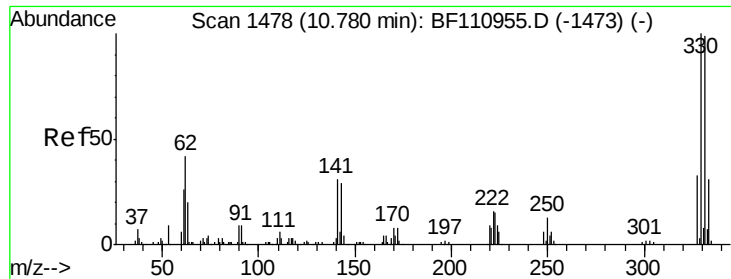
162 106.1 83.0 124.6

160 45.2 37.0 55.6



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

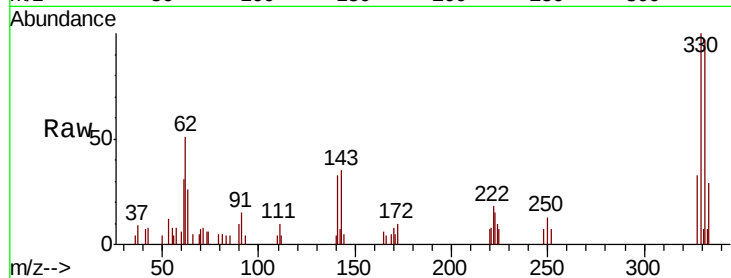




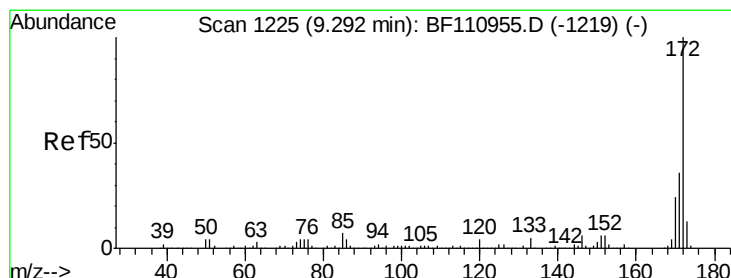
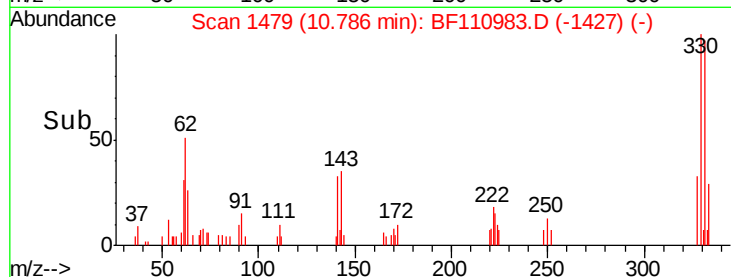
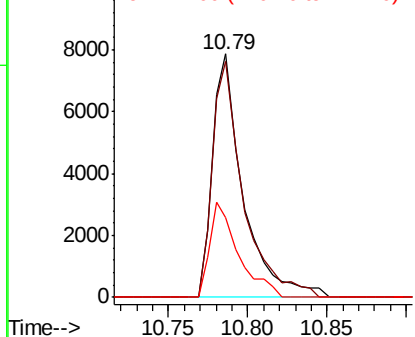
#42
 2,4,6-Tribromophenol
 Concen: 13.403 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF110983.D
 Acq: 27 Nov 2018 00:14

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 RICH-REC-ROAD-STONE-7

Tgt Ion:330 Resp: 10549
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.1 115.7
 141 36.8 27.0 40.4

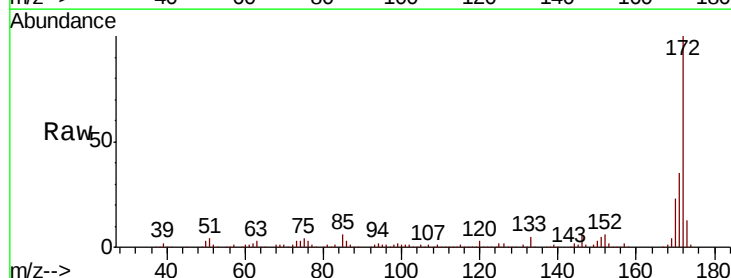


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

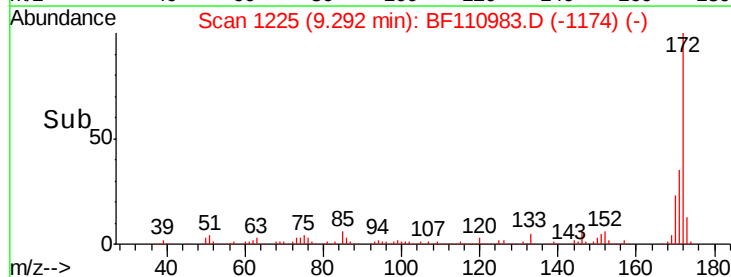
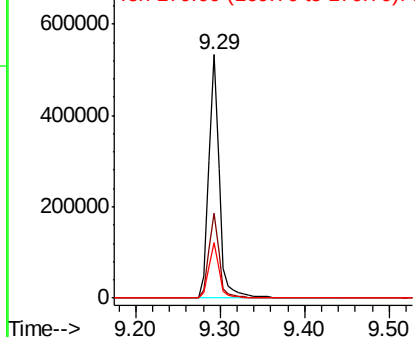


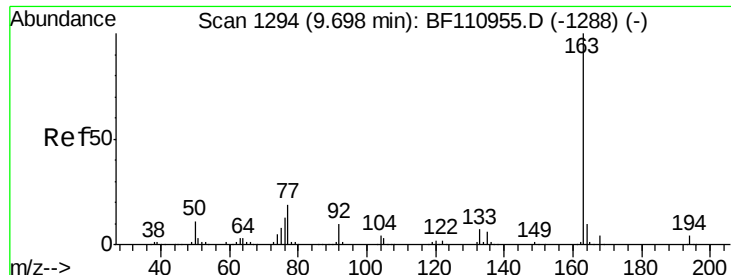
#45
 2-Fluorobiphenyl
 Concen: 86.080 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF110983.D
 Acq: 27 Nov 2018 00:14

Tgt Ion:172 Resp: 470860
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 43.0
 170 23.0 19.7 29.5



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

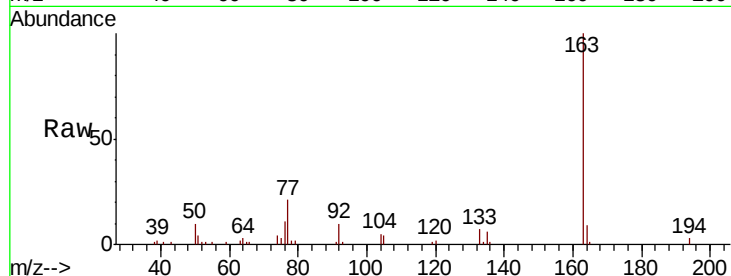




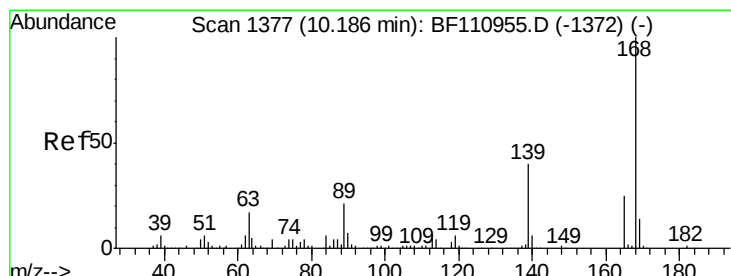
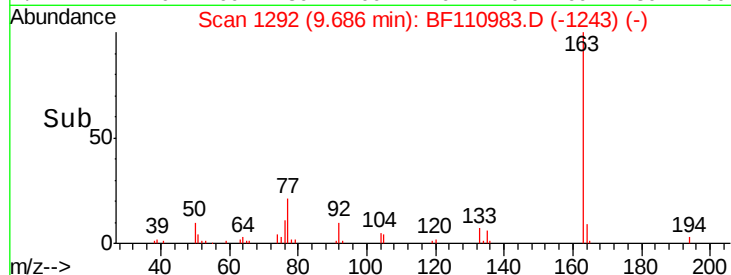
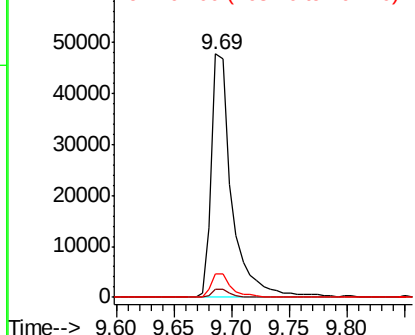
#50
Dimethylphthalate
Concen: 10.198 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-7

Tgt Ion:163 Resp: 59272
Ion Ratio Lower Upper
163 100
194 3.1 3.2 4.8#
164 9.5 8.1 12.1

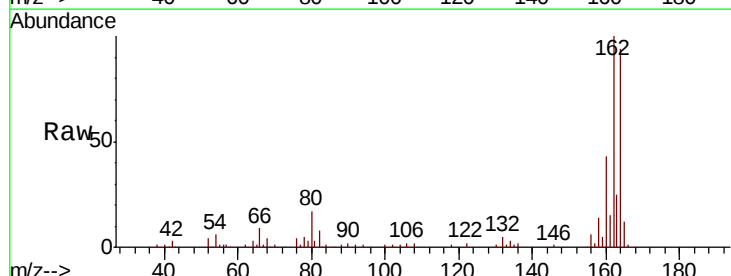


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

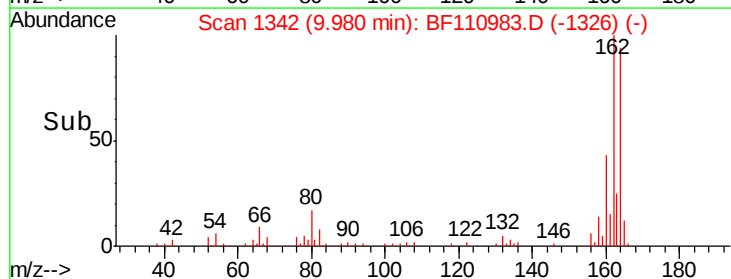
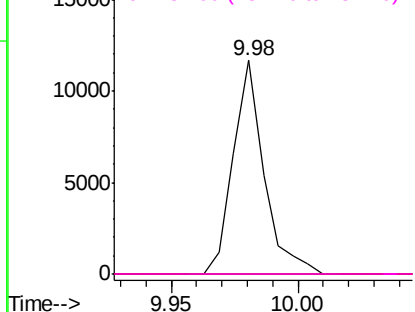


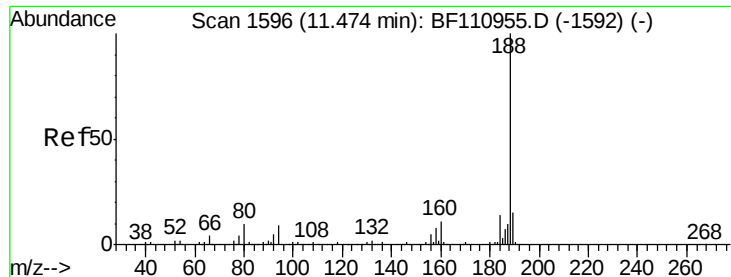
#57
2,4-Dinitrotoluene
Concen: 5.873 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

Tgt Ion:165 Resp: 9859
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#



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

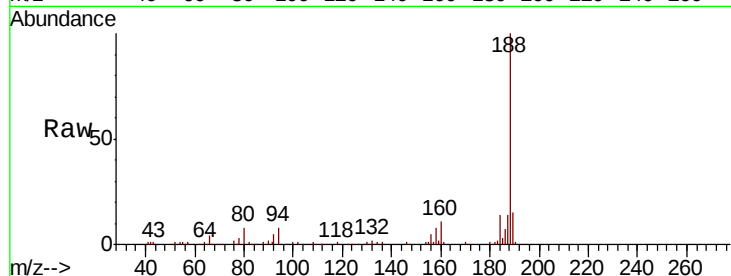




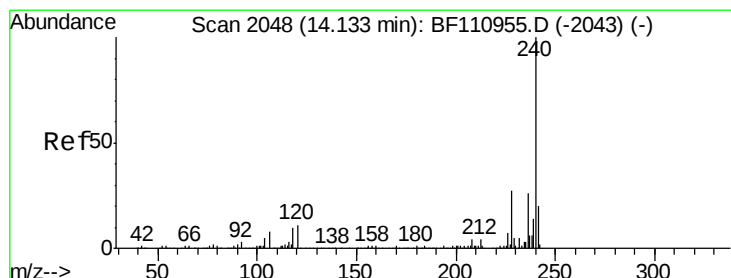
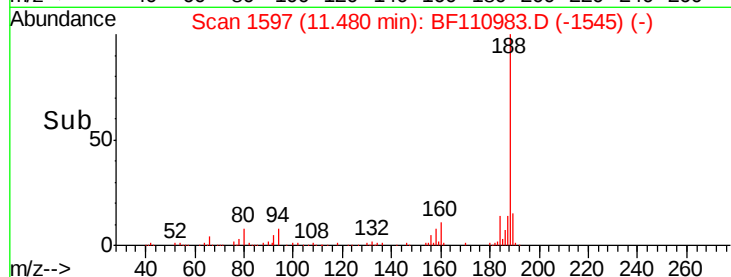
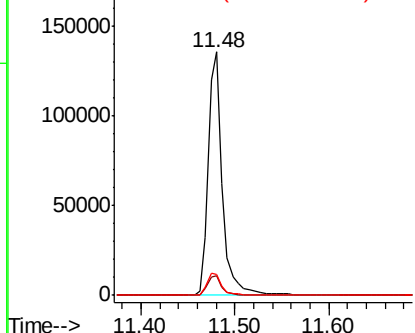
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-7

Tgt Ion:188 Resp: 143772
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.5 7.9 11.9

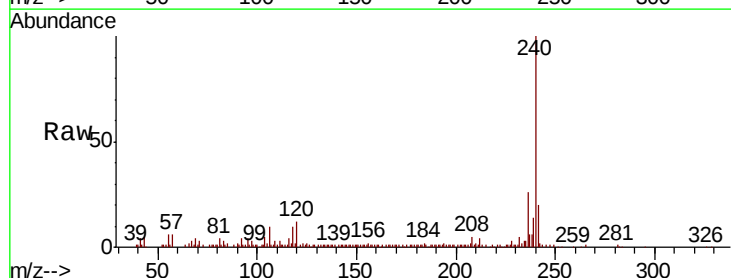


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

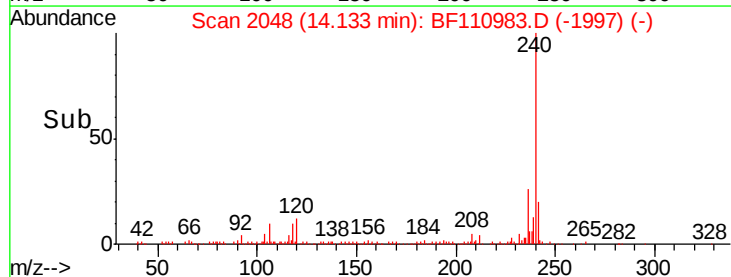
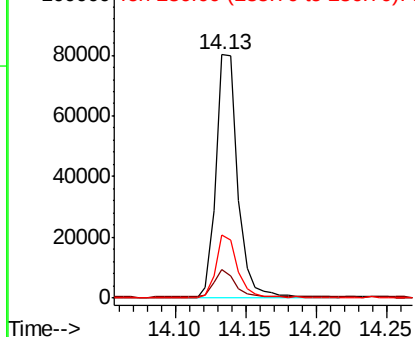


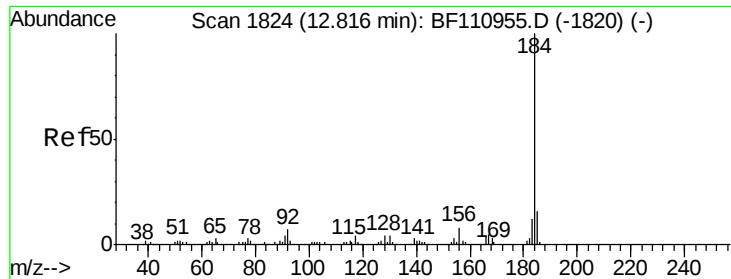
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

Tgt Ion:240 Resp: 87002
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 25.7 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





#77

Benzidine

Concen: 2.596 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.24 min

Lab File: BF110983.D

Acq: 27 Nov 2018 00:14

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-7

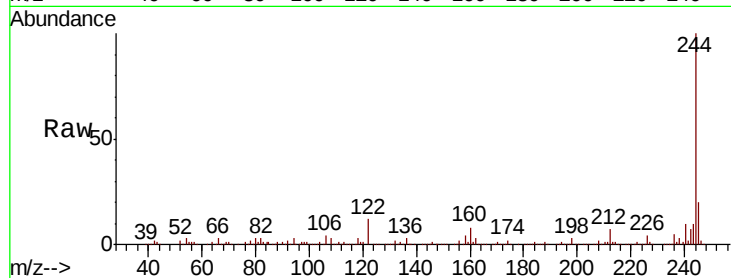
Tgt Ion:184 Resp: 5777

Ion Ratio Lower Upper

184 100

185 19.7 13.4 20.2

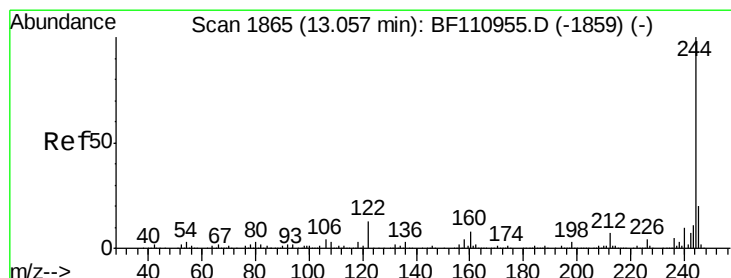
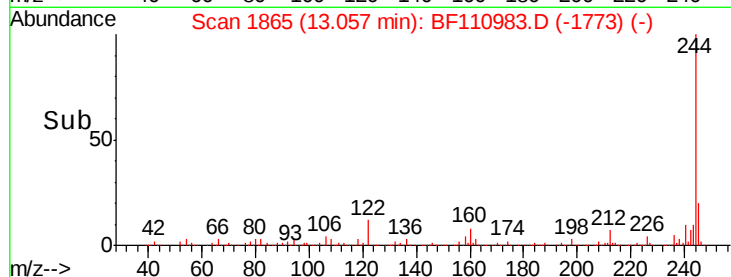
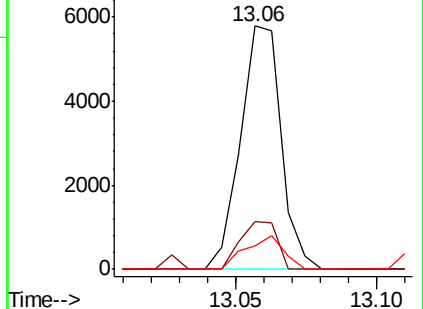
183 9.5 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 90.407 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF110983.D

Acq: 27 Nov 2018 00:14

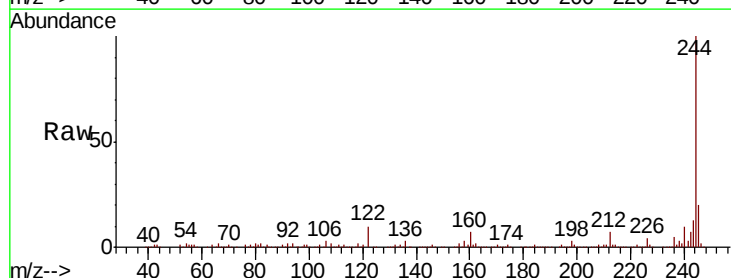
Tgt Ion:244 Resp: 404061

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

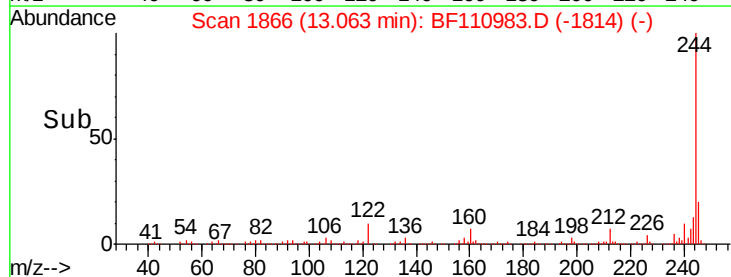
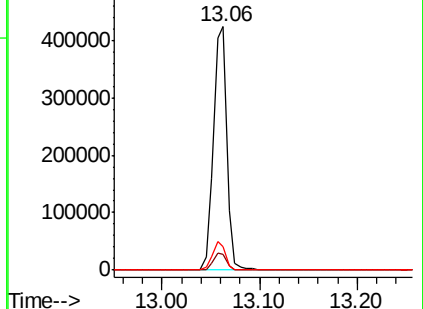
122 9.6 8.7 13.1

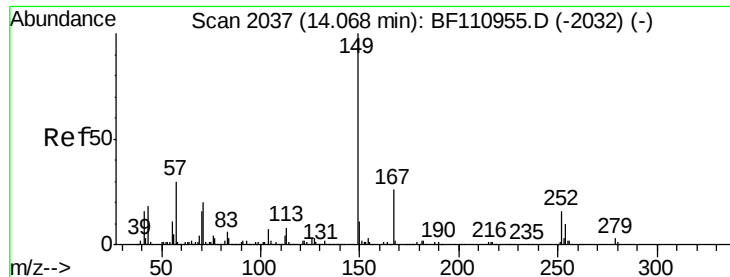


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.490 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF110983.D

Acq: 27 Nov 2018 00:14

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-7

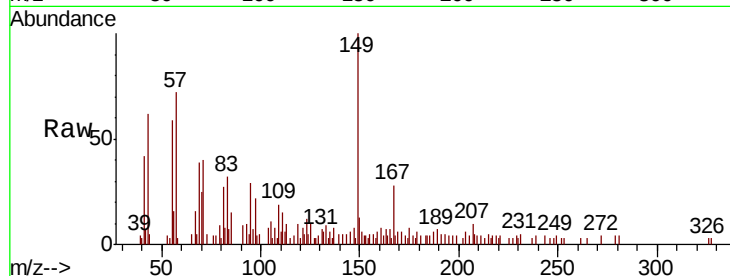
Tgt Ion:149 Resp: 9519

Ion Ratio Lower Upper

149 100

167 27.5 19.8 29.8

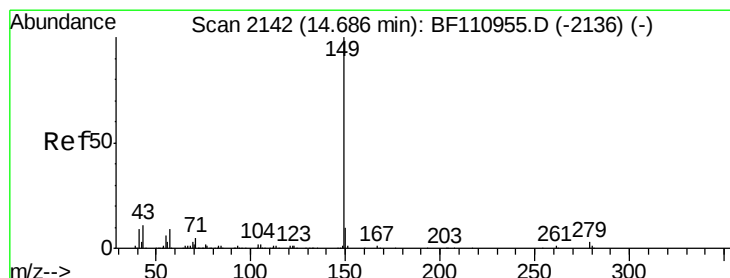
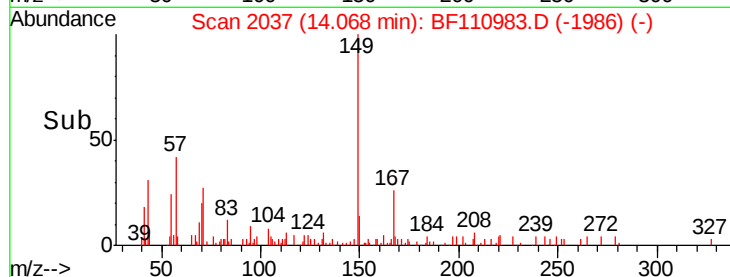
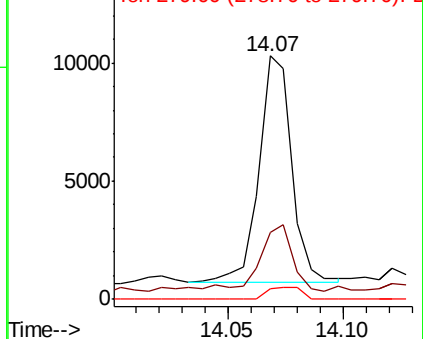
279 4.1 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 22.503 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BF110983.D

Acq: 27 Nov 2018 00:14

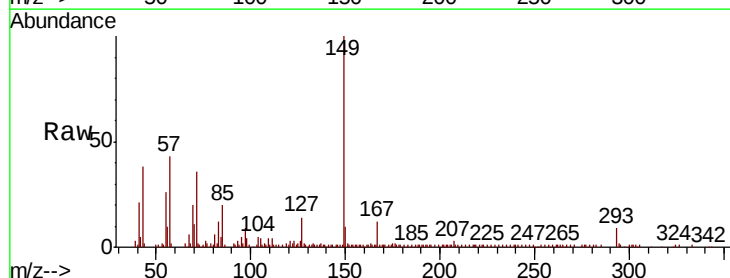
Tgt Ion:149 Resp: 135787

Ion Ratio Lower Upper

149 100

167 1.0 1.1 1.7#

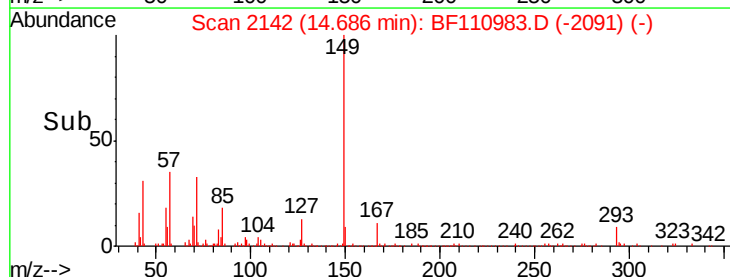
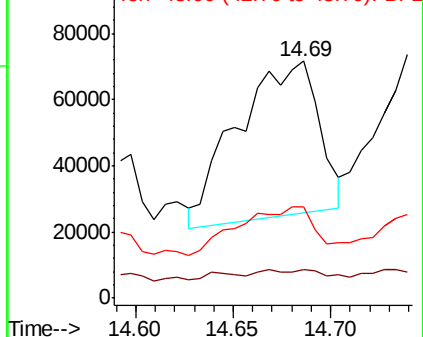
43 32.9 7.8 11.8#

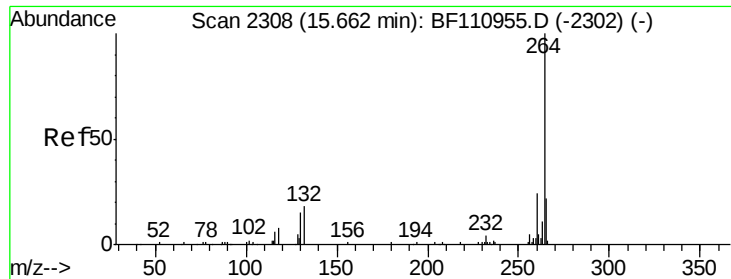


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-7

Tgt Ion: 264 Resp: 70011
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 23.2 16.7 25.1

