

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 06:14:53 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

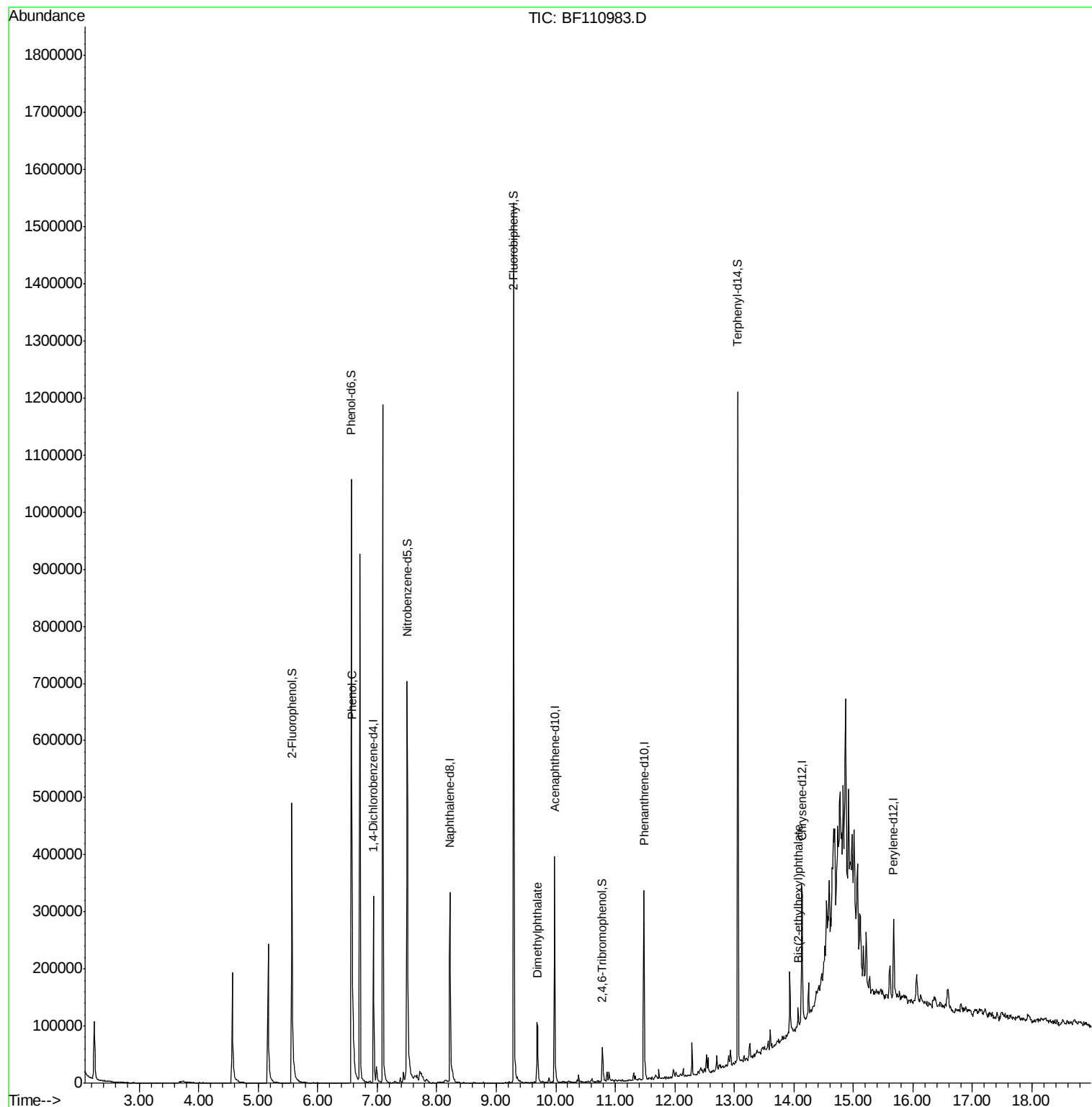
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53521	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	194123	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	79248	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	143772	20.00	ng	0.00
76) Chrysene-d12	14.13	240	87002	20.00	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						
10) Phenol	6.58	94	24109	5.090	ng	84
50) Dimethylphthalate	9.69	163	59272	10.198	ng	# 98
84) Bis(2-ethylhexyl)phthalate	14.07	149	9519	2.490	ng	# 95

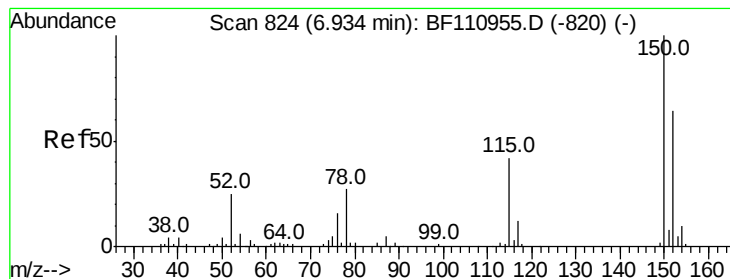
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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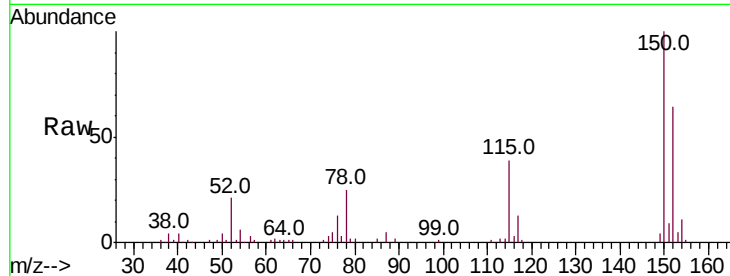


#1

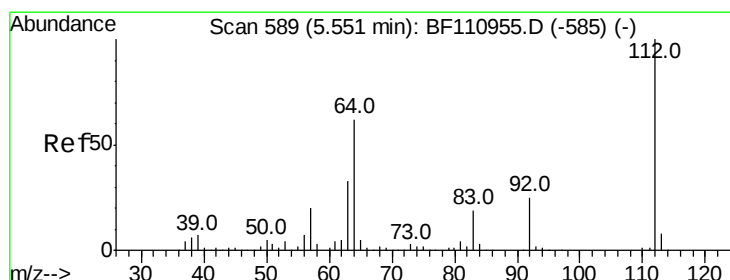
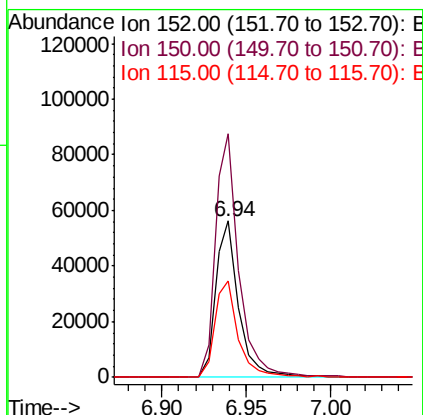
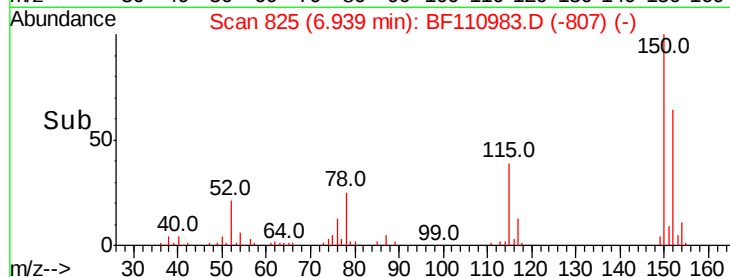
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

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

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



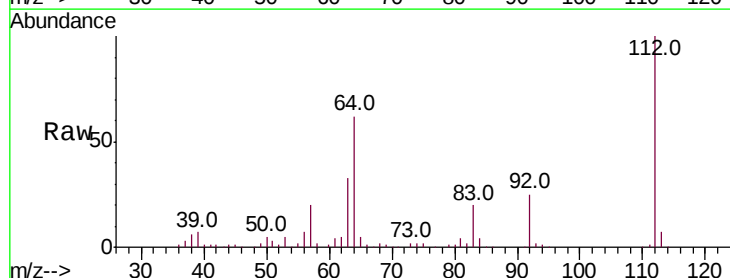
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



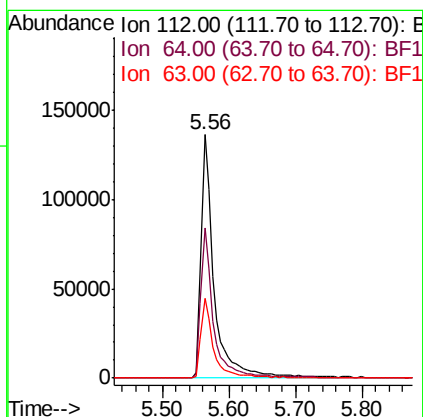
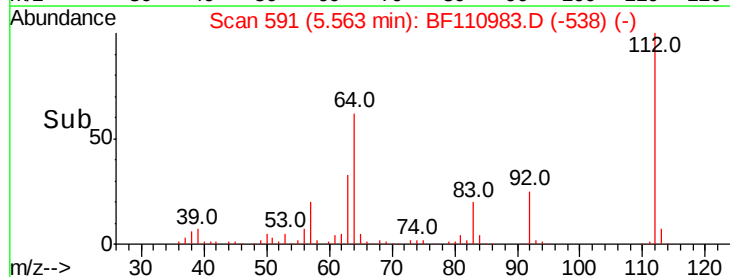
#5

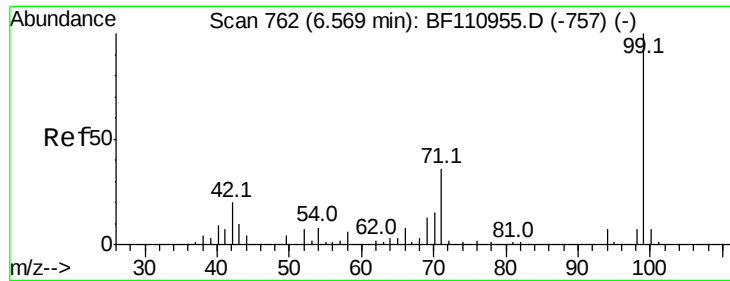
2-Fluorophenol
Concen: 55.963 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

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

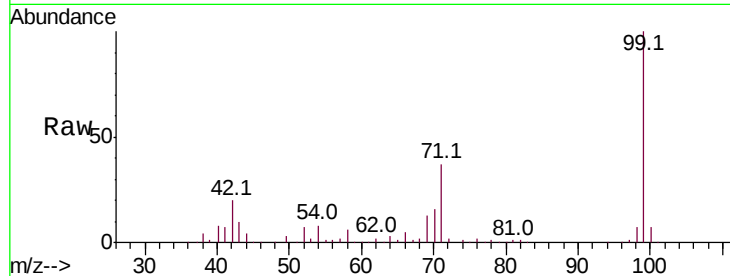
Tot Ion: 99 Resp: 391192

Ion Ratio Lower Upper

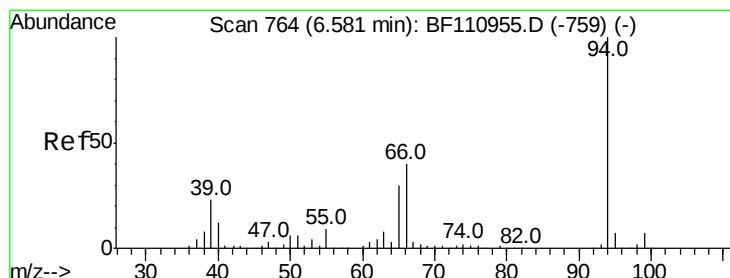
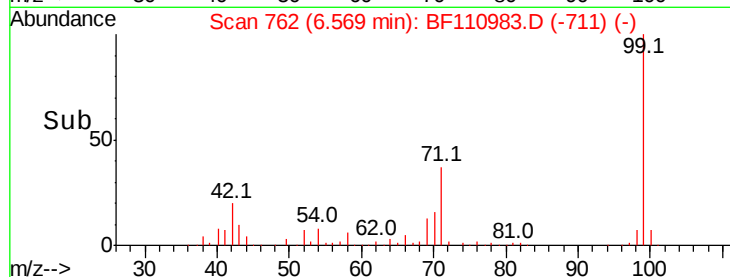
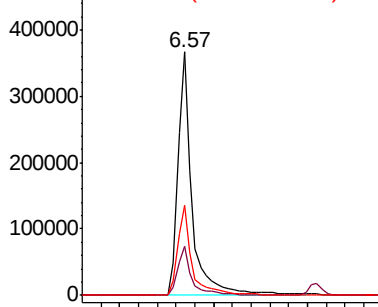
99 100

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

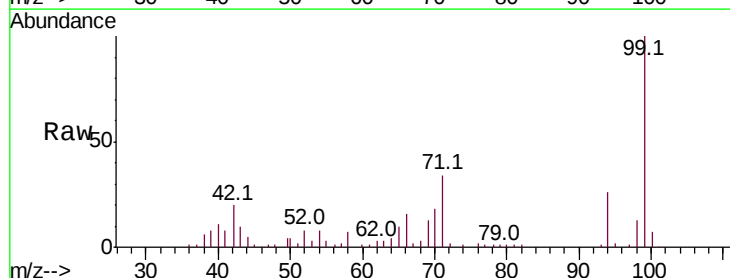
Tgt Ion: 94 Resp: 24109

Ion Ratio Lower Upper

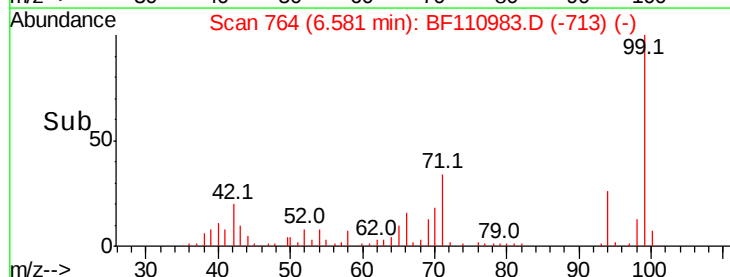
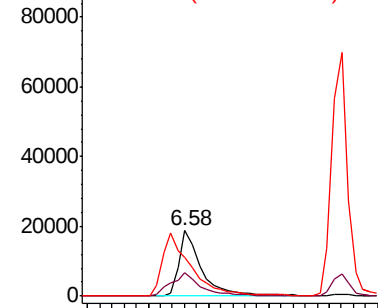
94 100

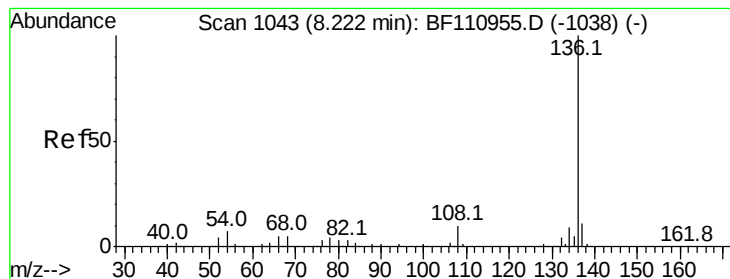
65 36.5 25.3 65.3

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

Tot Ion:136 Resp: 194123

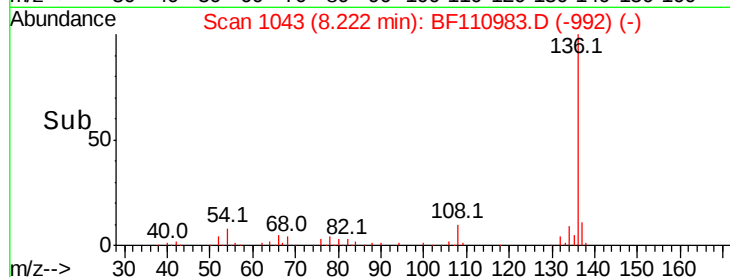
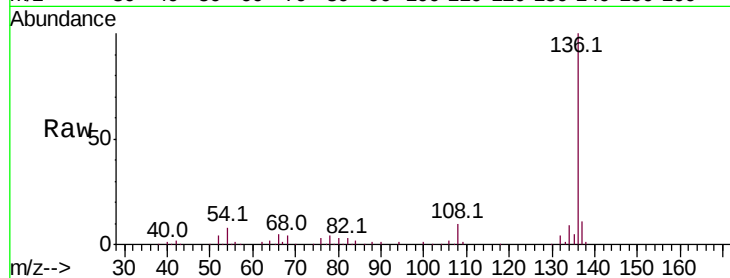
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.0 5.4 8.2

68 4.4 4.2 6.2

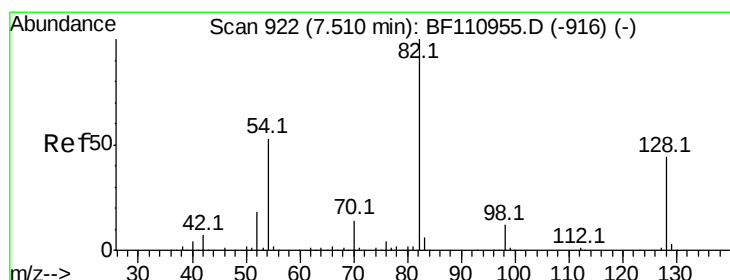
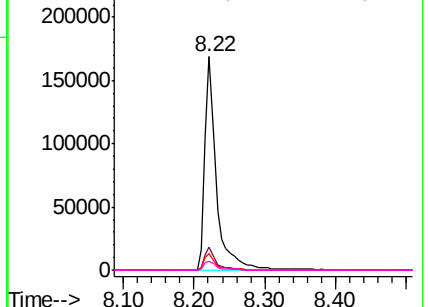


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

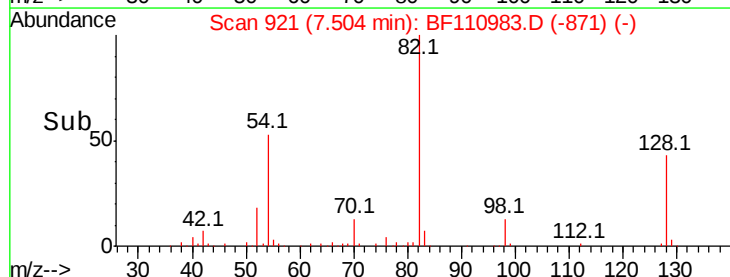
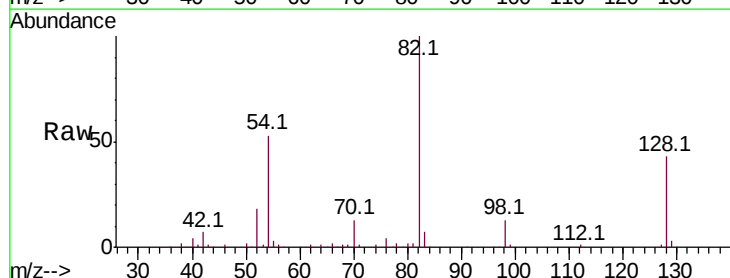
Tgt Ion: 82 Resp: 259209

Ion Ratio Lower Upper

82 100

128 43.2 34.2 51.2

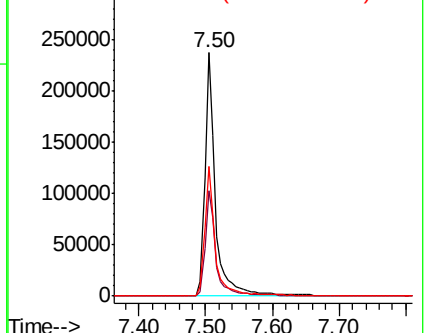
54 53.4 38.6 58.0

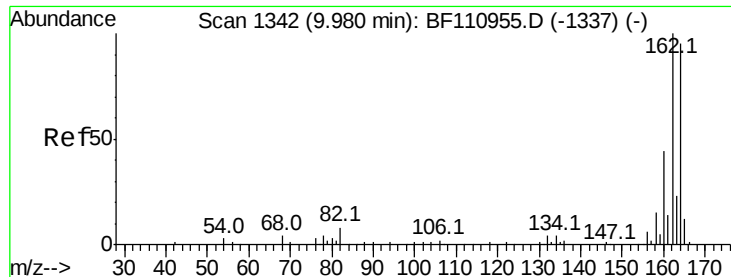


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

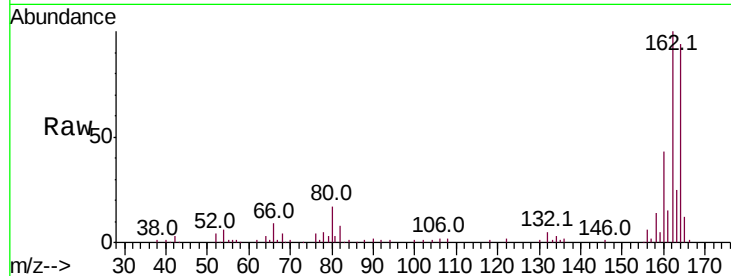




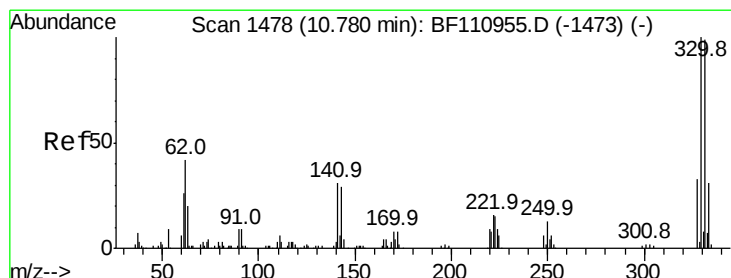
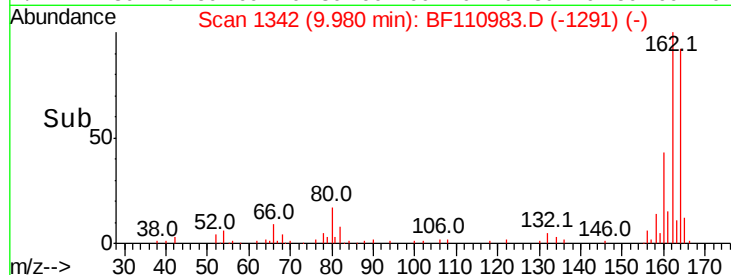
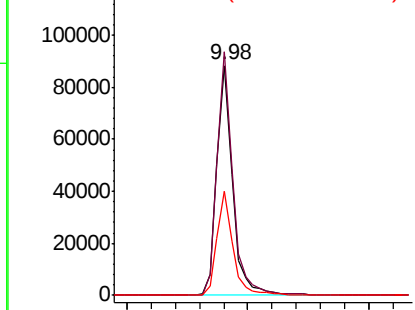
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

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

Tot Ion:164 Resp: 79248
Ion Ratio Lower Upper
164 100
162 106.1 83.0 124.6
160 45.2 37.0 55.6

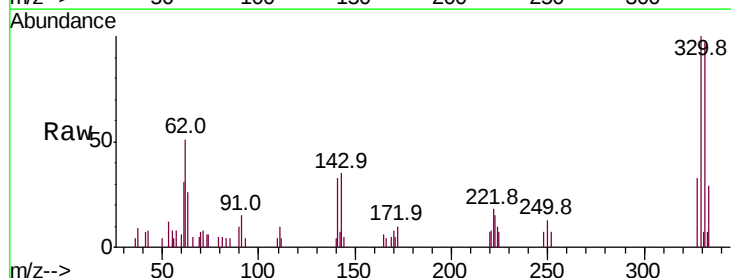


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

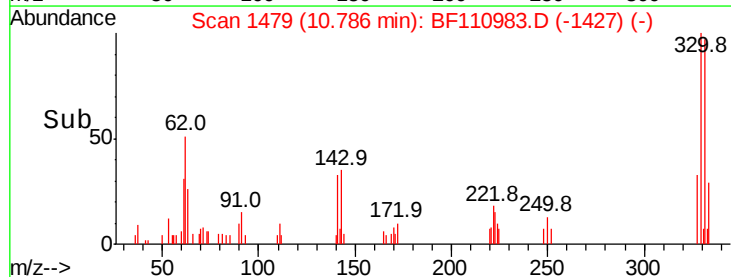
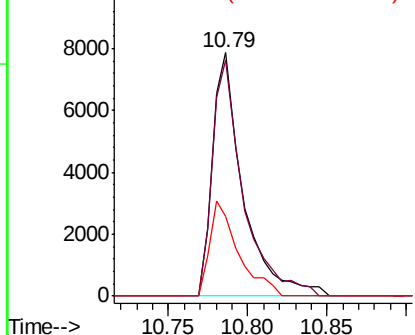


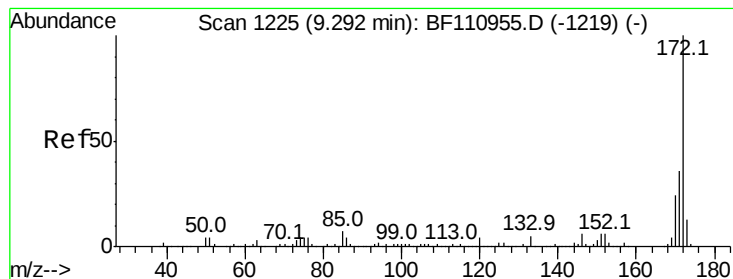
#42
2,4,6-Tribromophenol
Concen: 13.403 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

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

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-7

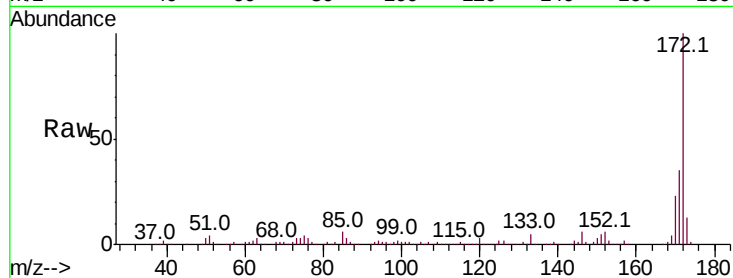
Tot Ion:172 Resp: 470860

Ion Ratio Lower Upper

172 100

171 34.7 28.6 43.0

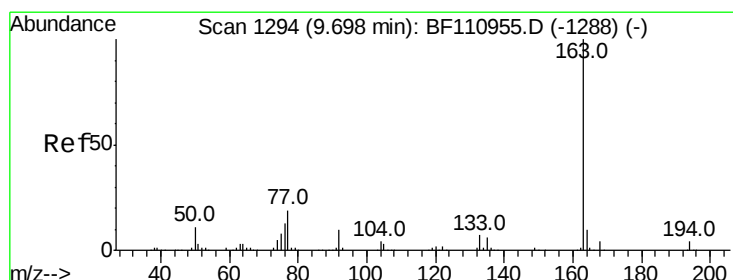
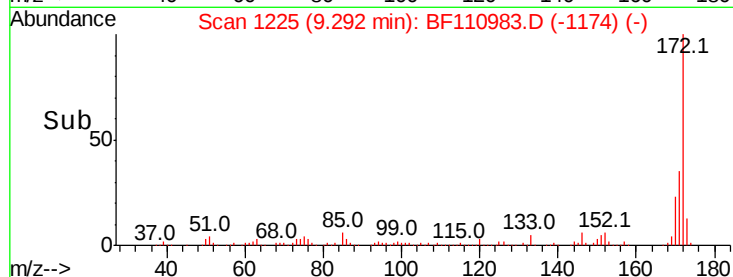
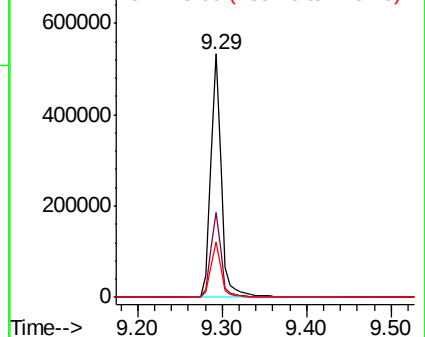
170 23.0 19.7 29.5



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

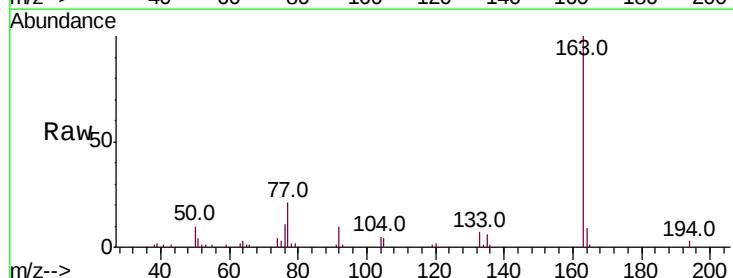
Tgt Ion:163 Resp: 59272

Ion Ratio Lower Upper

163 100

194 3.1 3.2 4.8#

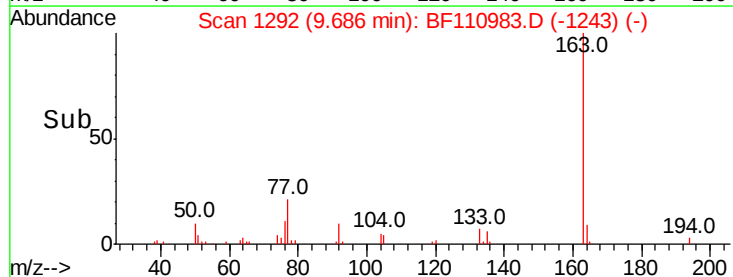
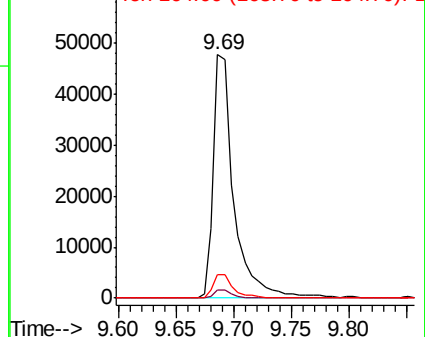
164 9.5 8.1 12.1

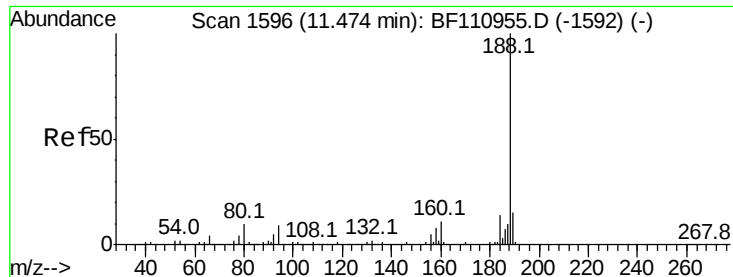


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

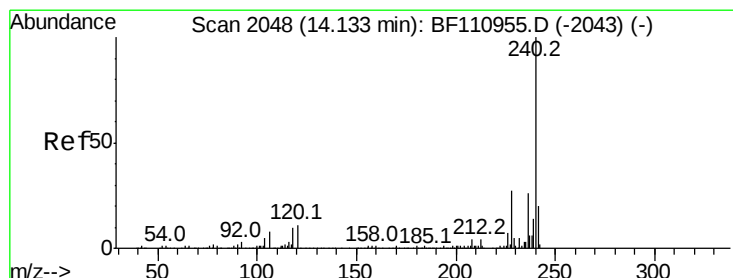
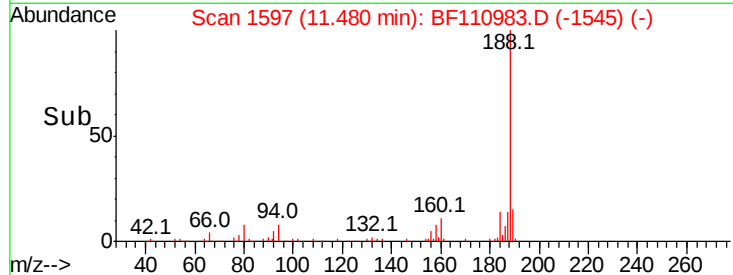
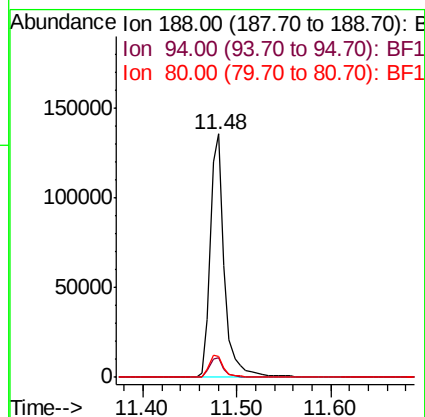
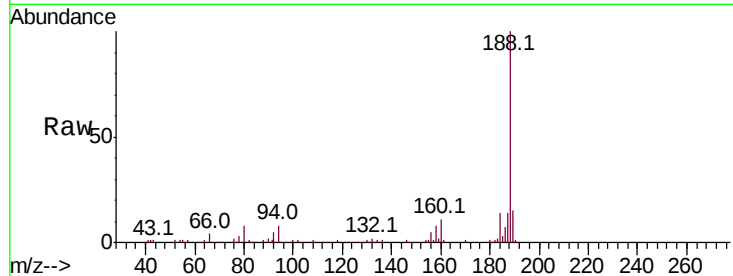




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

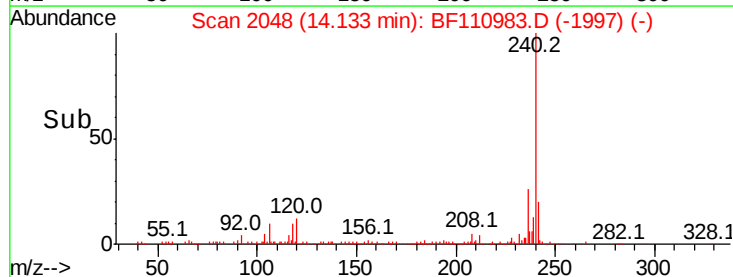
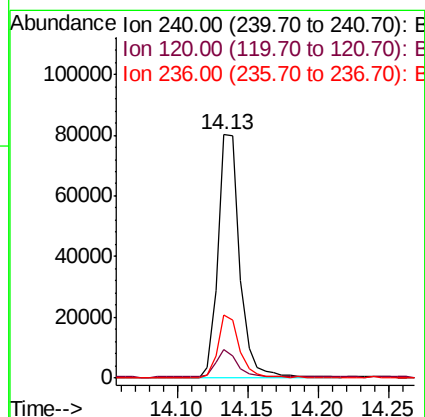
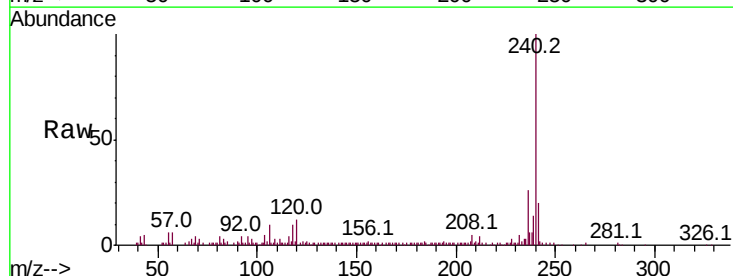
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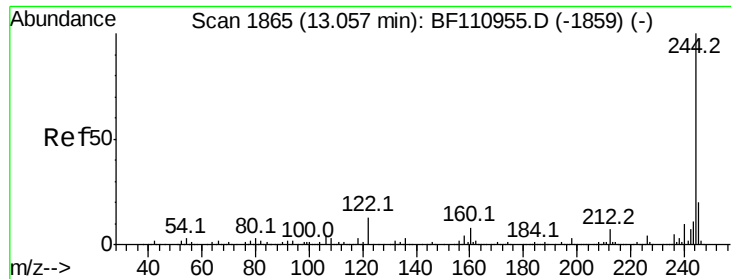
Tot Ion:188 Resp: 143772
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.5 7.9 11.9



#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





#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

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-7

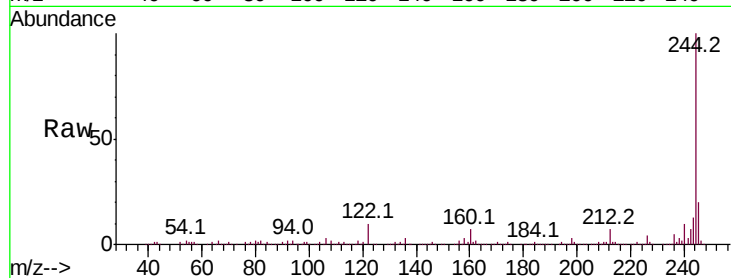
Tot Ion:244 Resp: 404061

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

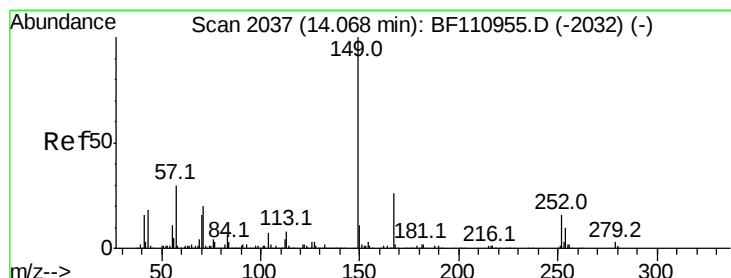
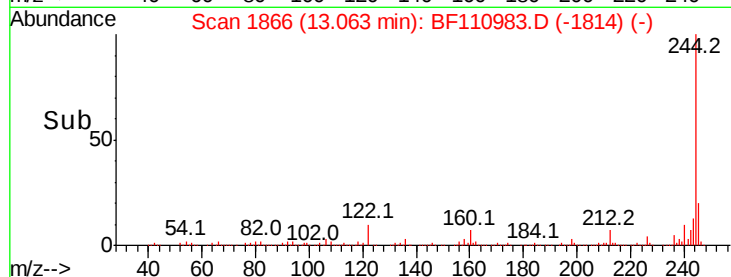
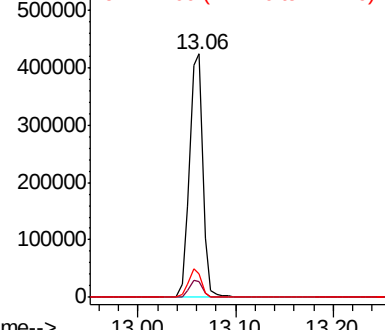
122 9.6 8.7 13.1



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

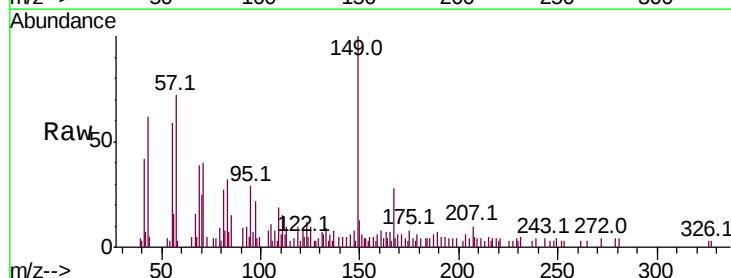
Tgt Ion:149 Resp: 9519

Ion Ratio Lower Upper

149 100

167 27.5 19.8 29.8

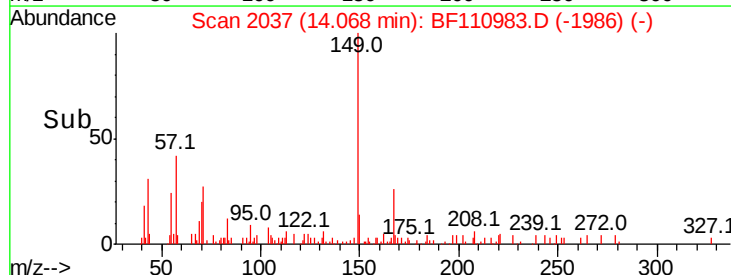
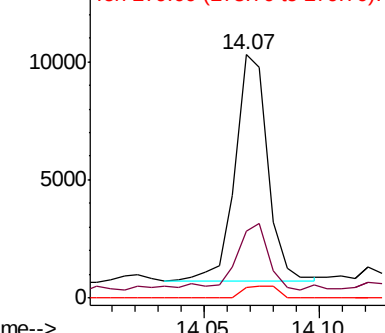
279 4.1 2.7 4.1#

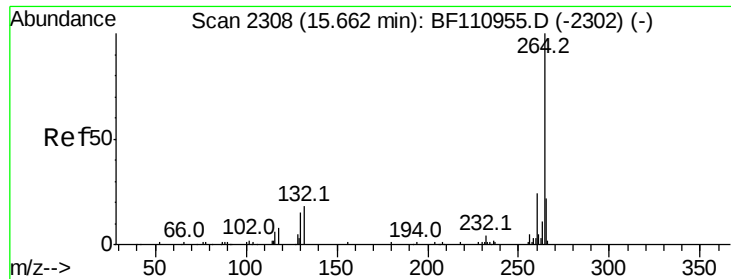


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



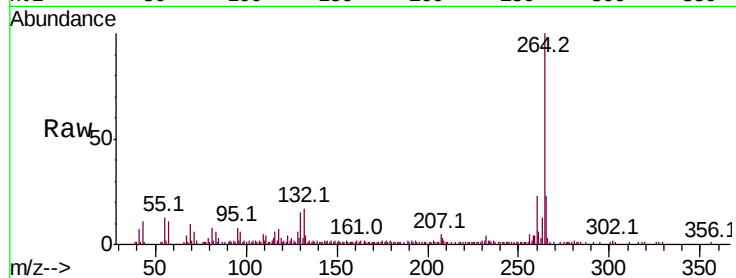


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110983.D
Acq: 27 Nov 2018 00:14

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

Tot Ion: 264 Resp: 70011

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	23.2	16.7	25.1



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

