

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111351.D
 Acq On : 13 Dec 2018 5:18
 Operator : JU/SJ
 Sample : J6342-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-8

Quant Time: Dec 13 07:42:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

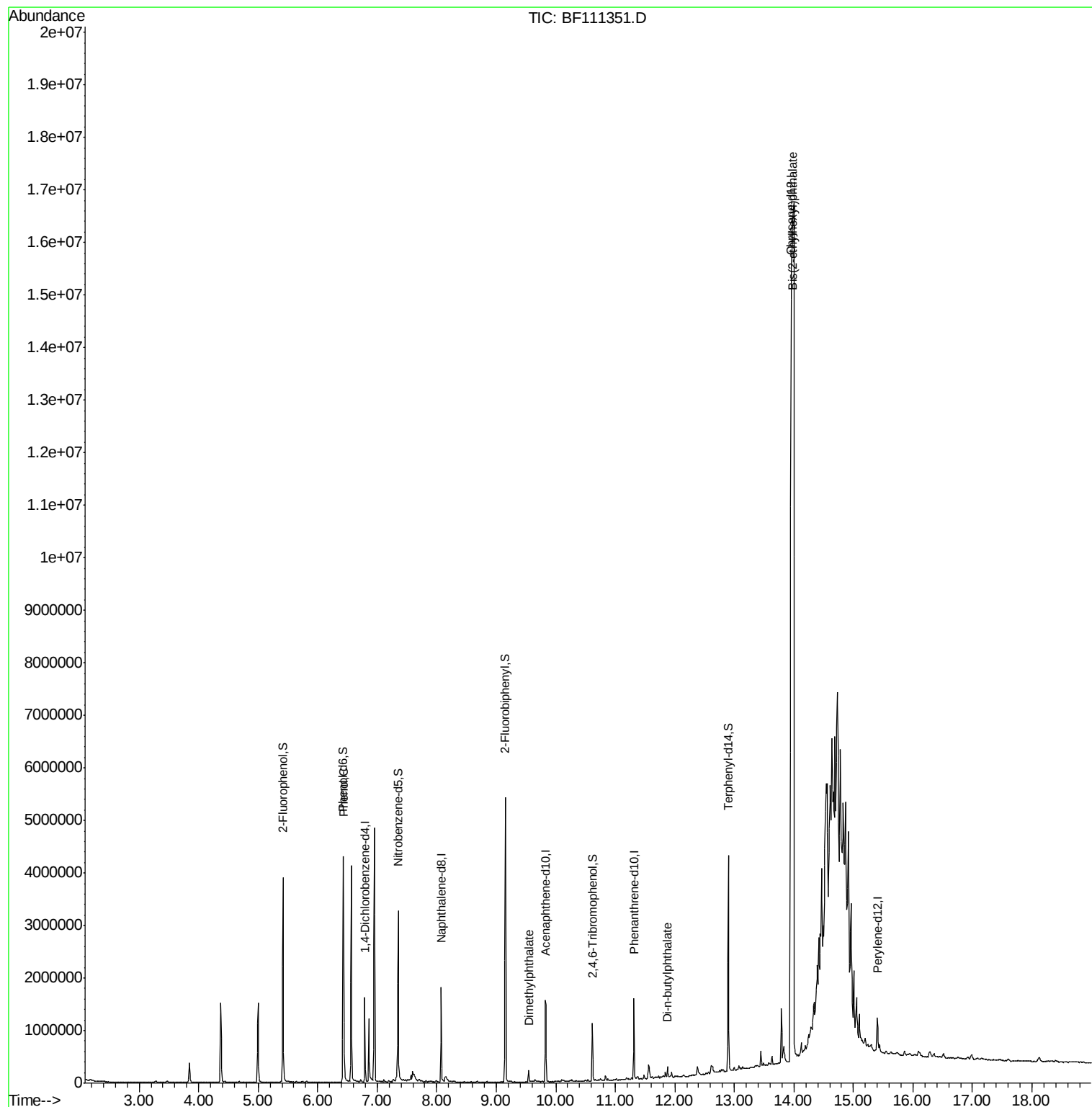
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	220911	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	772035	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	317740	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	564875	20.00	ng	0.00
76) Chrysene-d12	13.95	240	196558	20.00	ng	0.00
87) Perylene-d12	15.40	264	284601	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1057398	80.94	ng	0.00
7) Phenol-d6	6.43	99	1634350	92.79	ng	0.00
23) Nitrobenzene-d5	7.35	82	983256	71.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	116299	41.52	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1741982	88.02	ng	0.00
79) Terphenyl-d14	12.90	244	1467776	164.35	ng	0.00
Target Compounds						
10) Phenol	6.44	94	72483	3.633	ng	94
50) Dimethylphthalate	9.55	163	86403	3.781	ng	96
74) Di-n-butylphthalate	11.88	149	83821	2.395	ng	# 97
84) Bis(2-ethylhexyl)phthalate	13.98	149	15266715	1714.573	ng	# 95

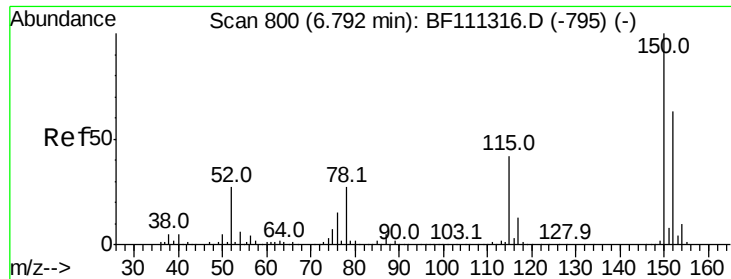
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 12 13:16:52 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-8

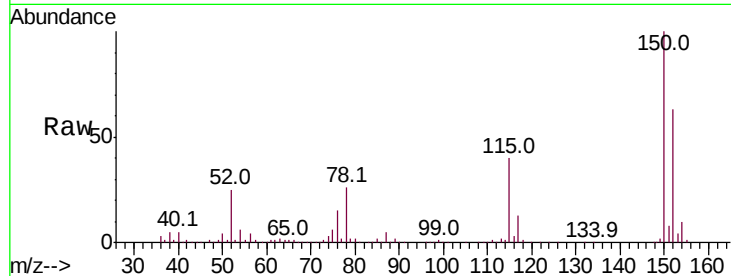
Tot Ion:152 Resp: 220911

Ion Ratio Lower Upper

152 100

150 158.2 126.6 189.8

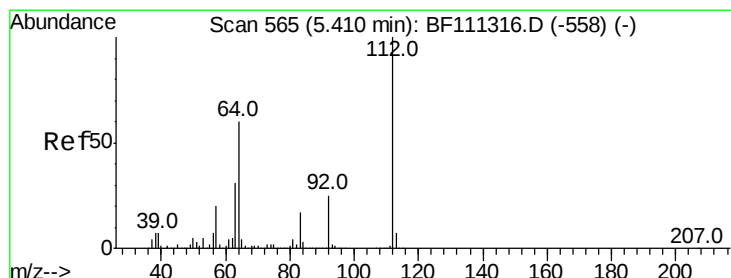
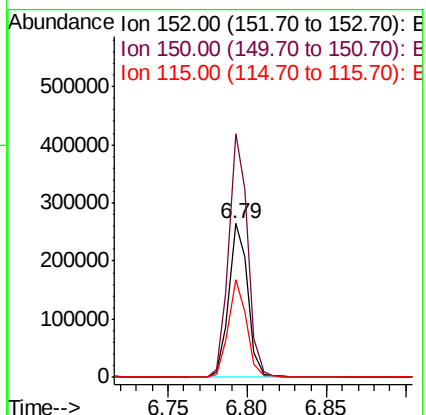
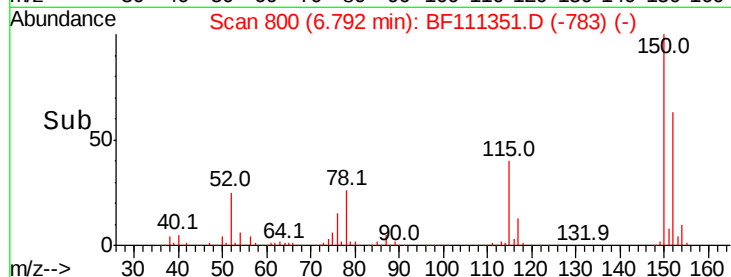
115 63.3 50.7 76.1



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: 80.942 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

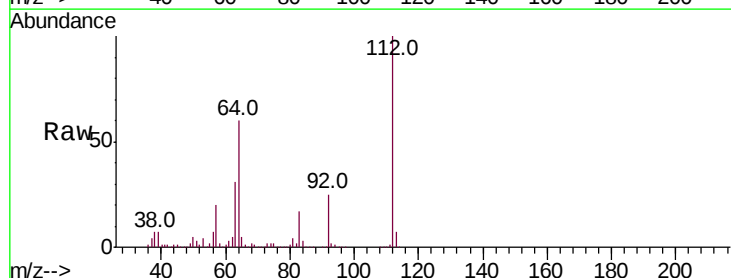
Tgt Ion:112 Resp: 1057398

Ion Ratio Lower Upper

112 100

64 59.9 51.8 77.6

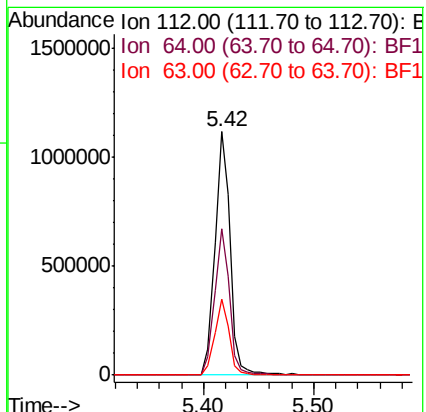
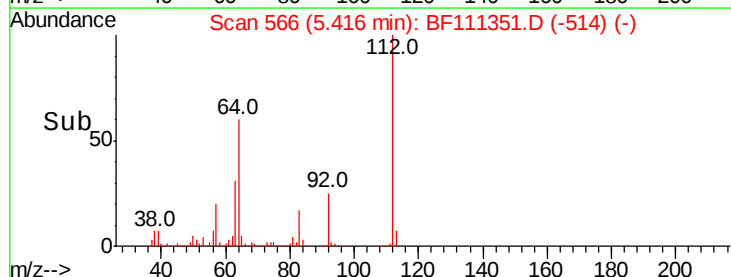
63 31.0 26.8 40.2



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: 92.790 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-8

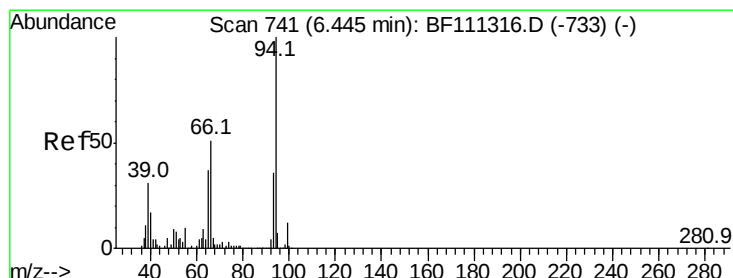
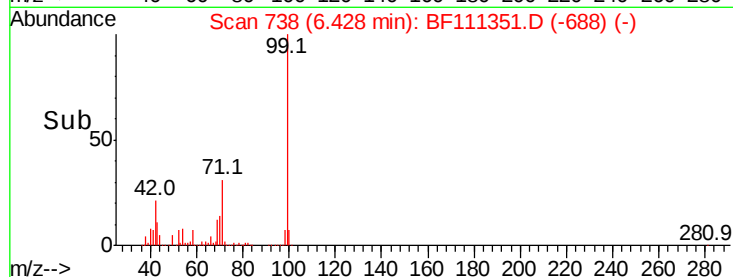
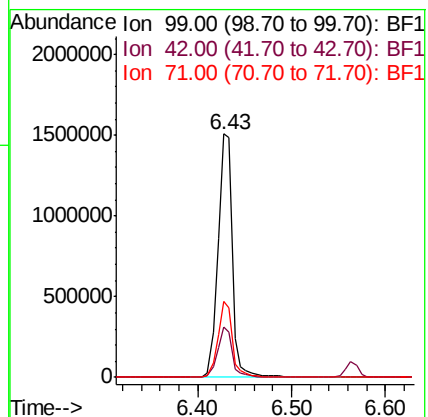
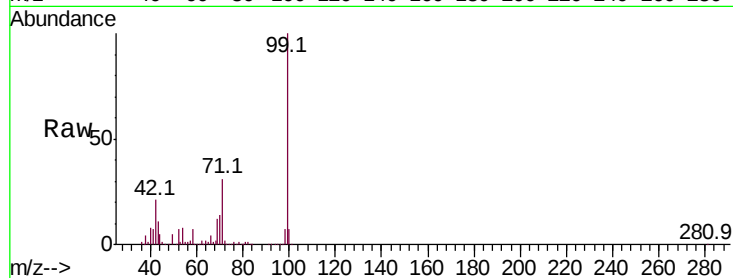
Tot Ion: 99 Resp: 1634350

Ion Ratio Lower Upper

99 100

42 20.8 17.4 26.0

71 31.4 26.1 39.1



#10

Phenol

Concen: 3.633 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

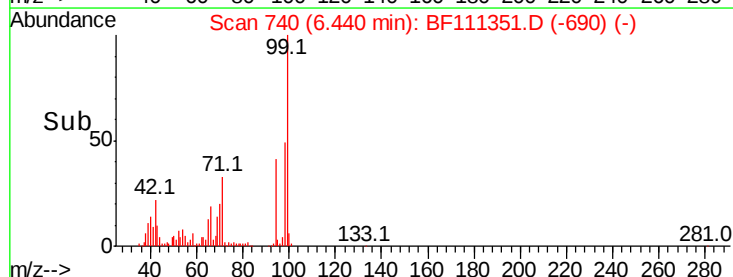
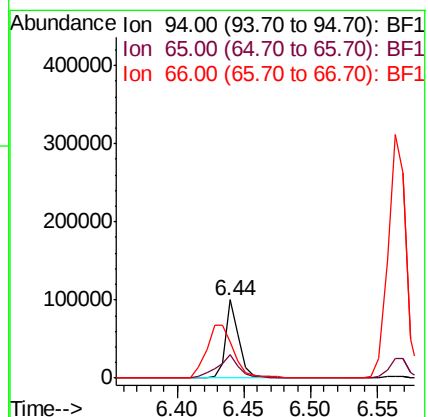
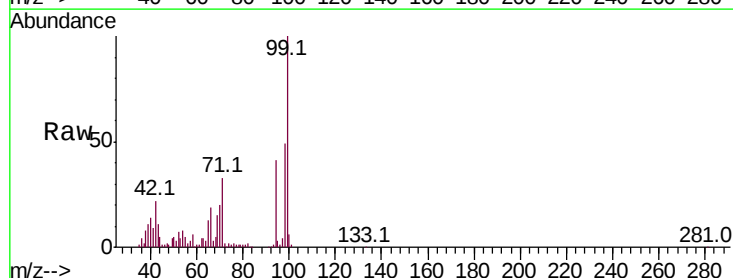
Tgt Ion: 94 Resp: 72483

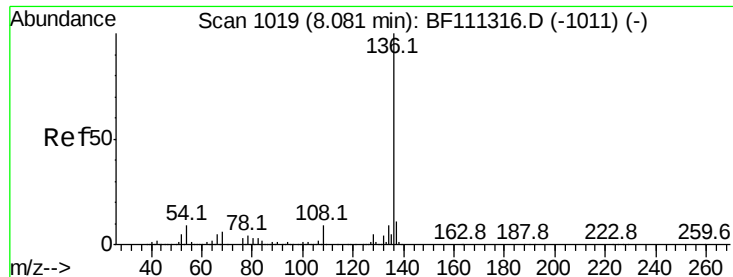
Ion Ratio Lower Upper

94 100

65 30.3 11.7 51.7

66 46.3 21.0 61.0

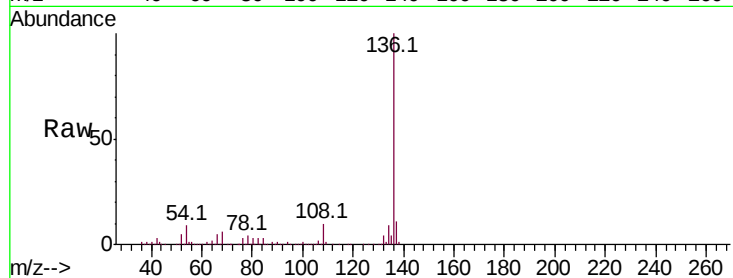




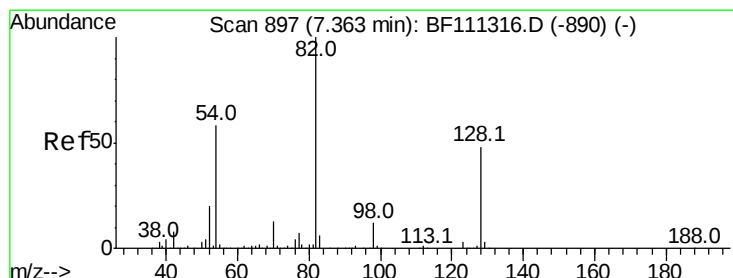
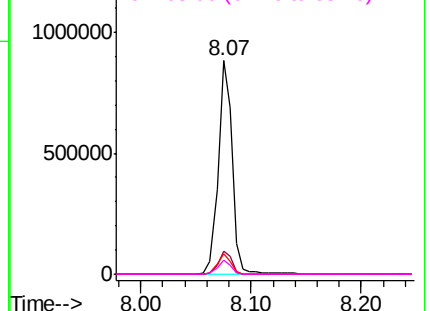
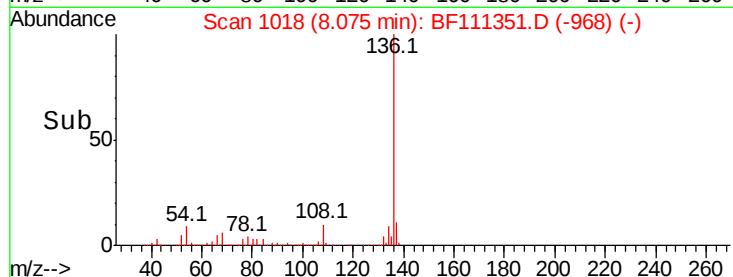
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-8

Tot Ion:136	Resp:	772035
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.1	13.7
54 9.4	7.7	11.5
68 6.5	4.9	7.3

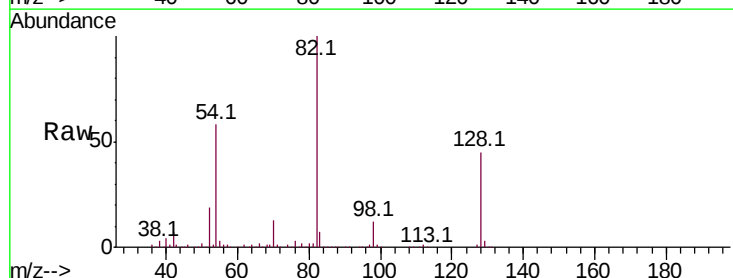


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

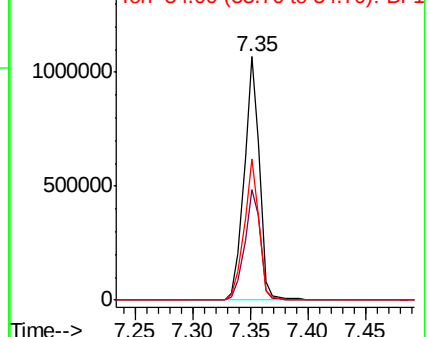
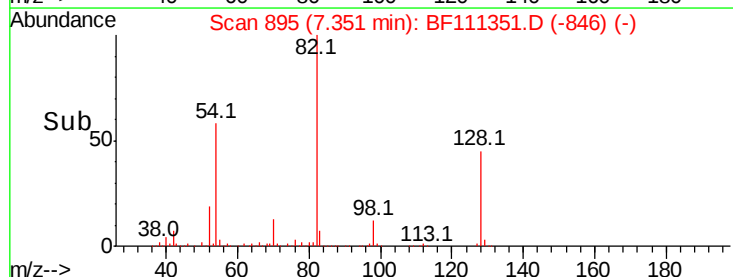


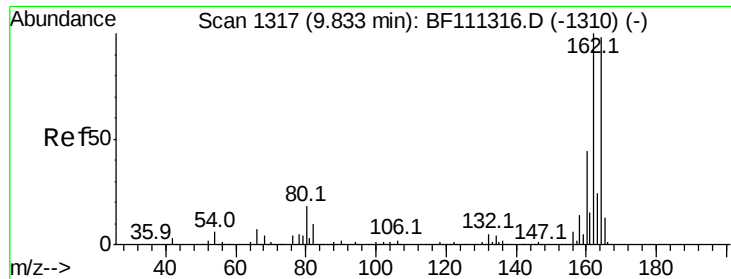
#23
Nitrobenzene-d5
Concen: 71.784 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

Tgt Ion: 82	Resp:	983256
Ion Ratio	Lower	Upper
82 100		
128 45.2	37.4	56.2
54 58.2	47.6	71.4



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

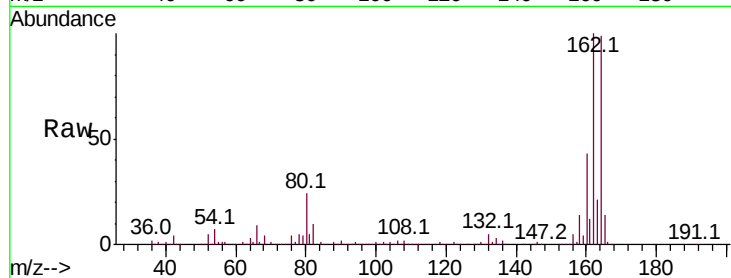




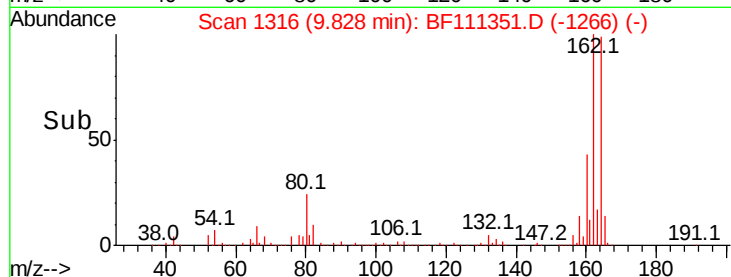
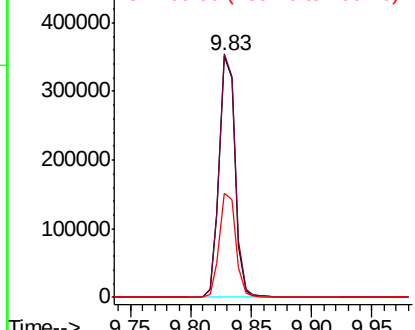
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-8

Tot Ion:164 Resp: 317740
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.1 35.7 53.5

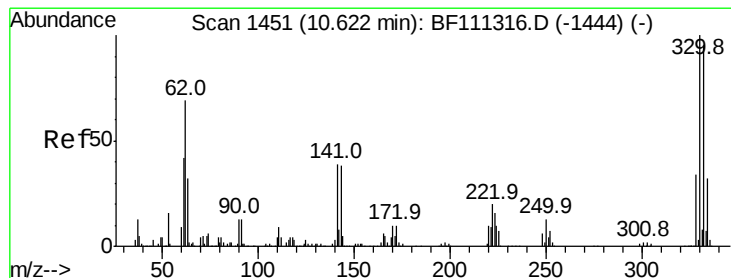


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

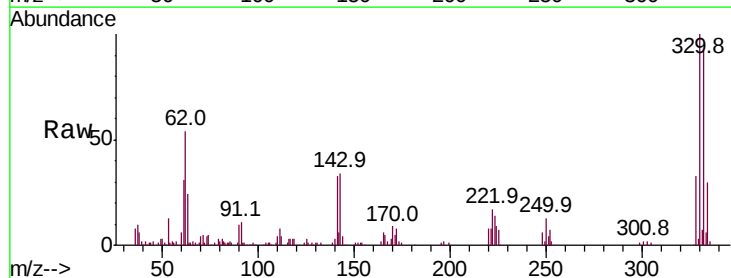
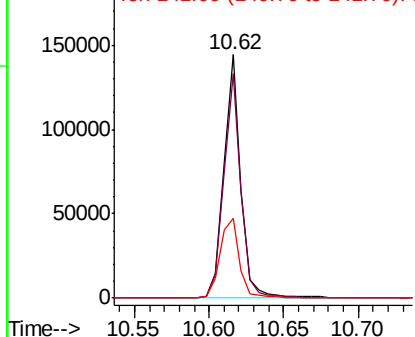


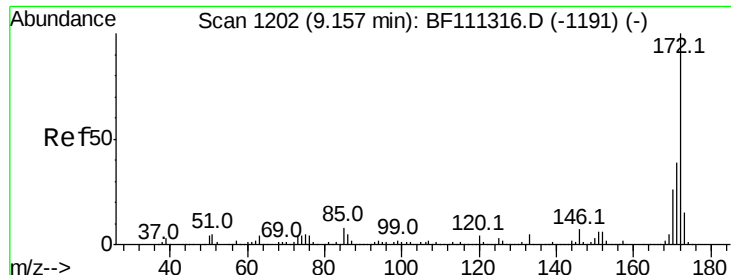
#42
2,4,6-Tribromophenol
Concen: 41.522 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

Tgt Ion:330 Resp: 116299
Ion Ratio Lower Upper
330 100
332 94.3 76.0 114.0
141 37.9 31.0 46.6



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

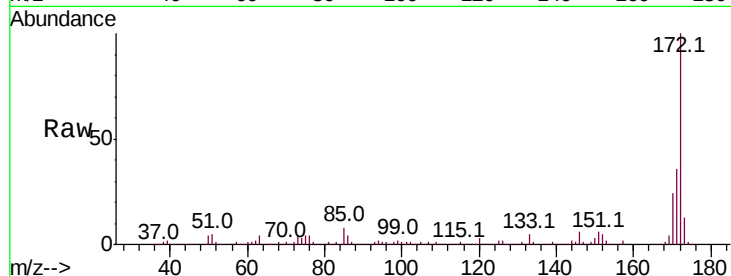




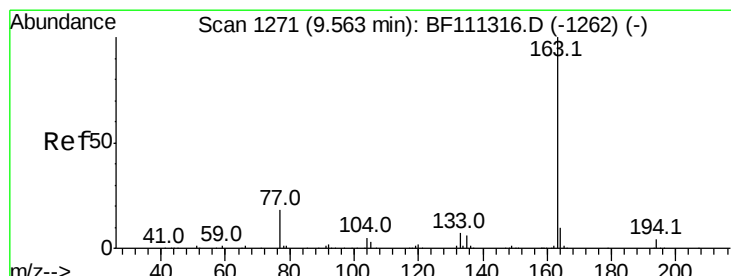
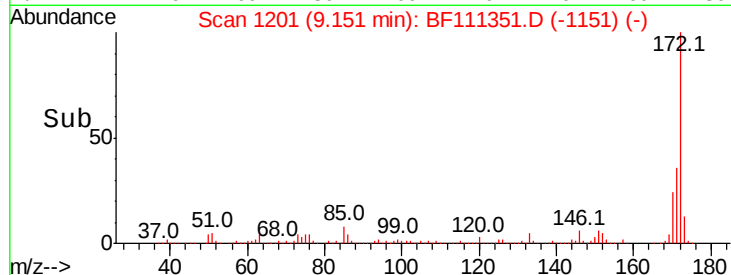
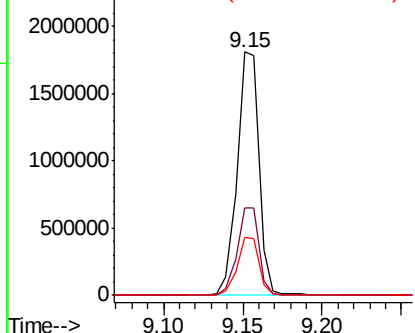
#45
2-Fluorobiphenyl
Concen: 88.019 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

Instrument :
BNA_F
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RICH-REC-ROAD-STONE-8

Tot Ion:172 Resp: 1741982
Ion Ratio Lower Upper
172 100
171 35.7 33.0 49.4
170 23.6 22.3 33.5

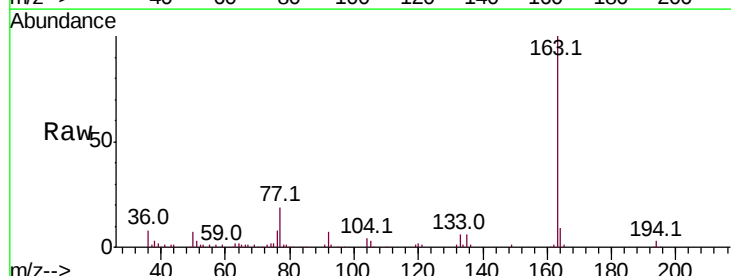


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

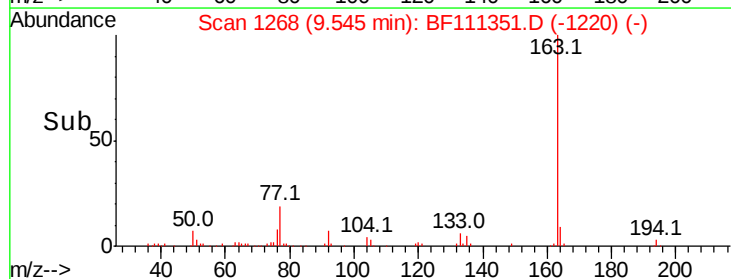
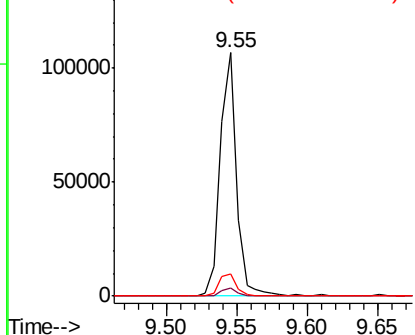


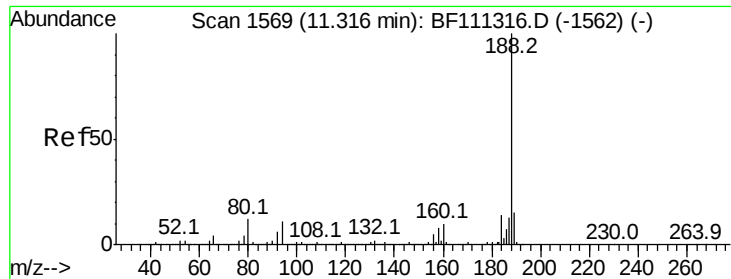
#50
Dimethylphthalate
Concen: 3.781 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111351.D
Acq: 13 Dec 2018 5:18

Tgt Ion:163 Resp: 86403
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.6
164 9.2 8.9 13.3



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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-8

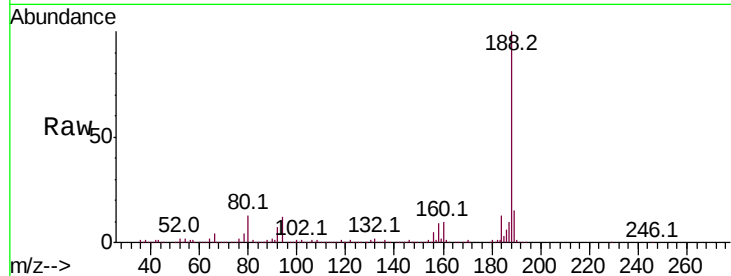
Tot Ion:188 Resp: 564875

Ion Ratio Lower Upper

188 100

94 12.5 9.6 14.4

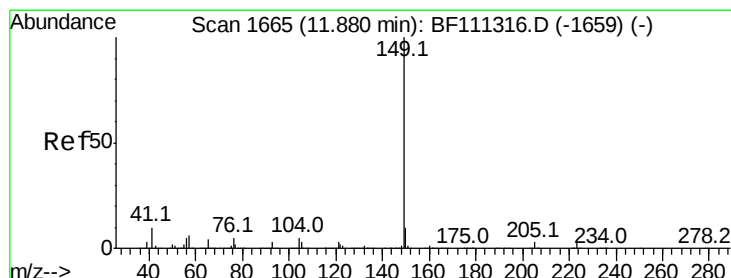
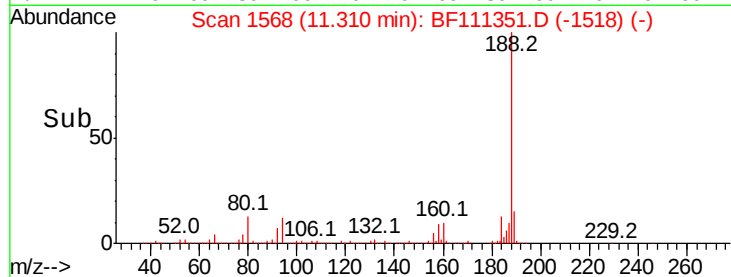
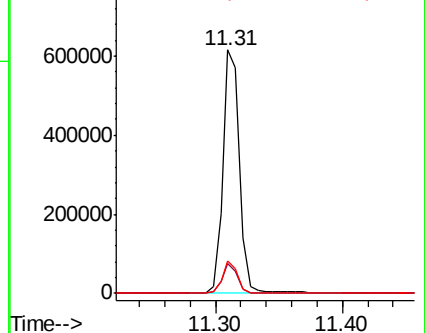
80 13.2 9.8 14.6



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



#74

Di-n-butylphthalate

Concen: 2.395 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

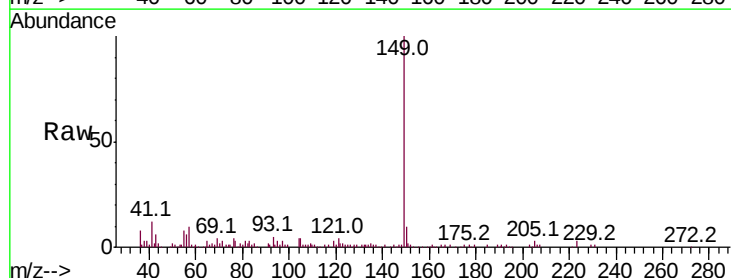
Tgt Ion:149 Resp: 83821

Ion Ratio Lower Upper

149 100

150 10.2 8.8 13.2

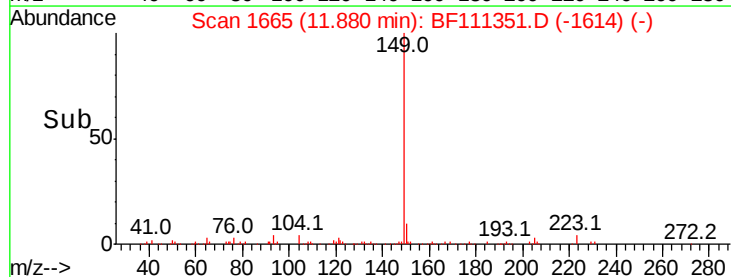
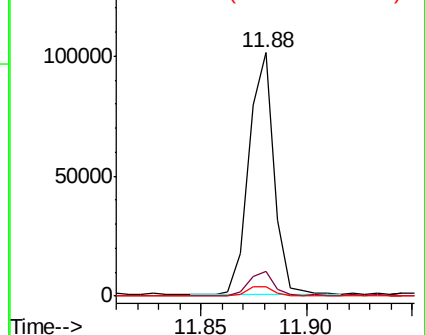
104 4.0 4.5 6.7#

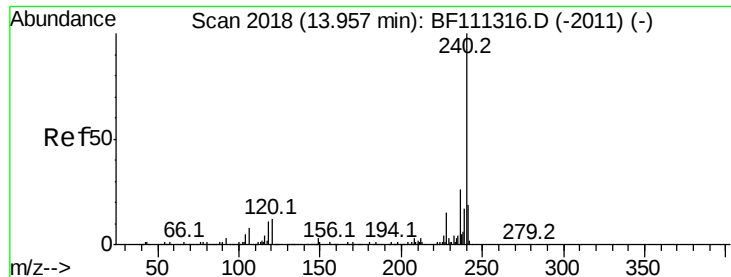


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

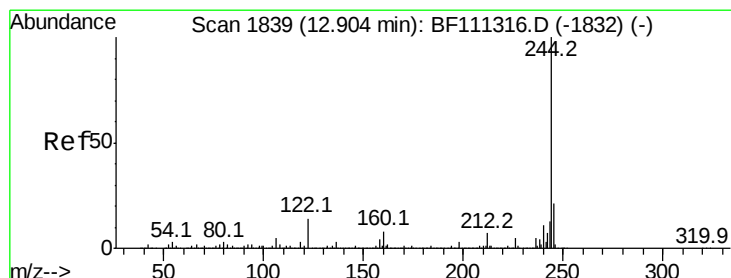
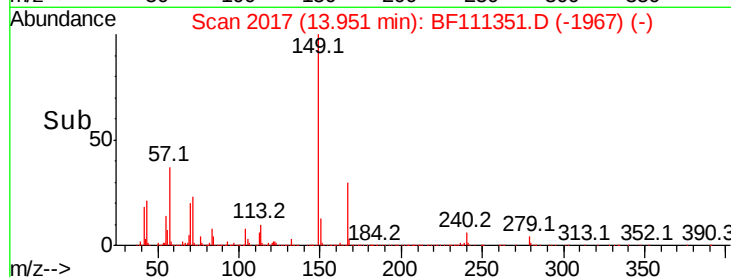
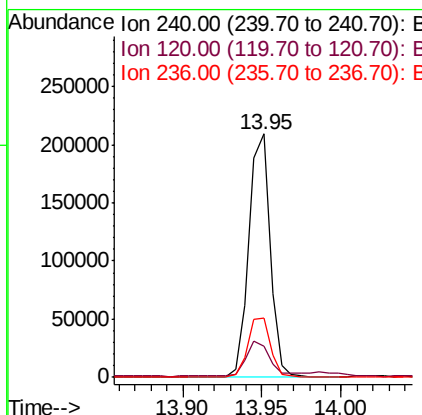
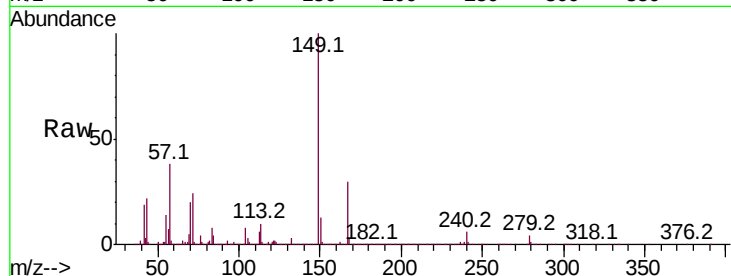




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111351.D
 Acq: 13 Dec 2018 5:18

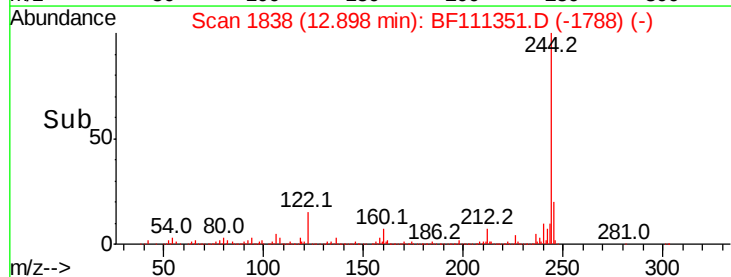
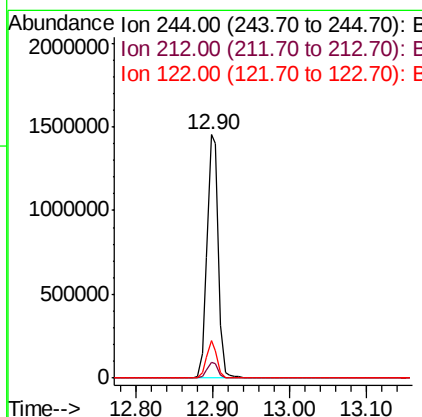
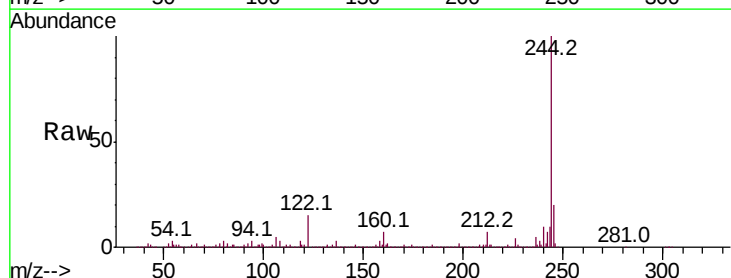
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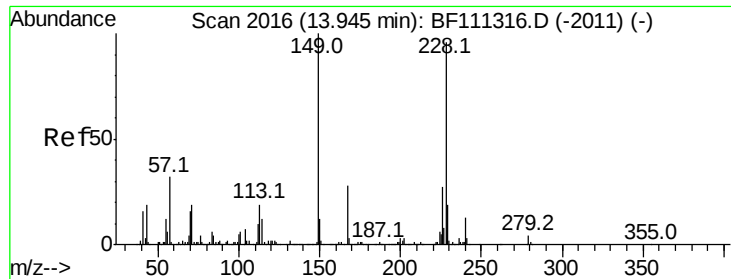
Tot Ion:240 Resp: 196558
 Ion Ratio Lower Upper
 240 100
 120 13.0 12.2 18.2
 236 24.4 20.2 30.2



#79
 Terphenyl-d14
 Concen: 164.353 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111351.D
 Acq: 13 Dec 2018 5:18

Tgt Ion:244 Resp: 1467776
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 15.2 13.1 19.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 1714.573 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.04 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-8

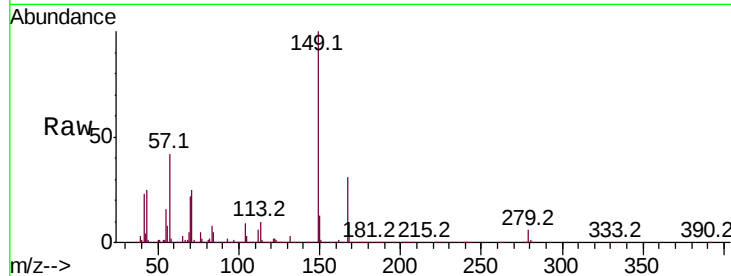
Tot Ion:149 Resp:15266715

Ion Ratio Lower Upper

149 100

167 30.7 22.5 33.7

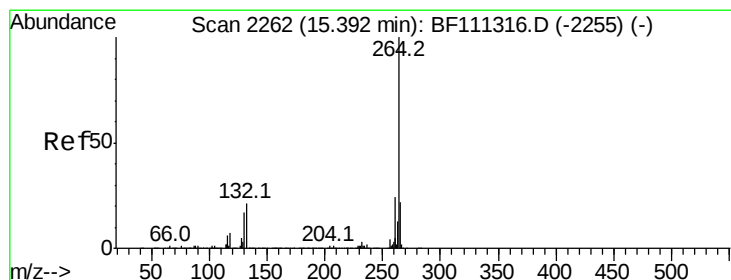
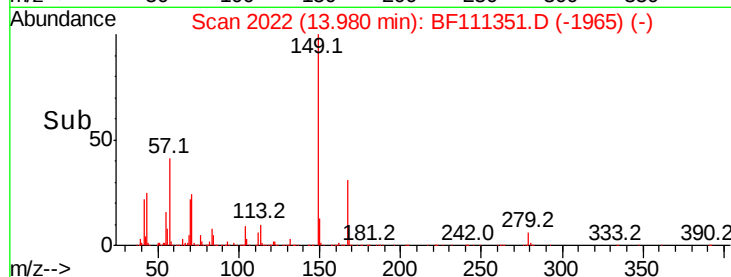
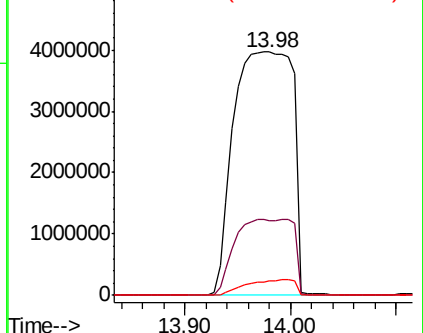
279 5.8 2.6 4.0#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF111351.D

Acq: 13 Dec 2018 5:18

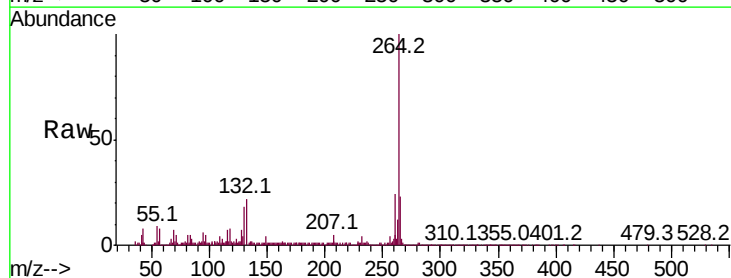
Tgt Ion:264 Resp: 284601

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 22.6 17.7 26.5



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

