

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112867.D
 Acq On : 5 Mar 2019 22:14
 Operator : JU/SJ
 Sample : K1728-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-11

Quant Time: Mar 06 01:46:21 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

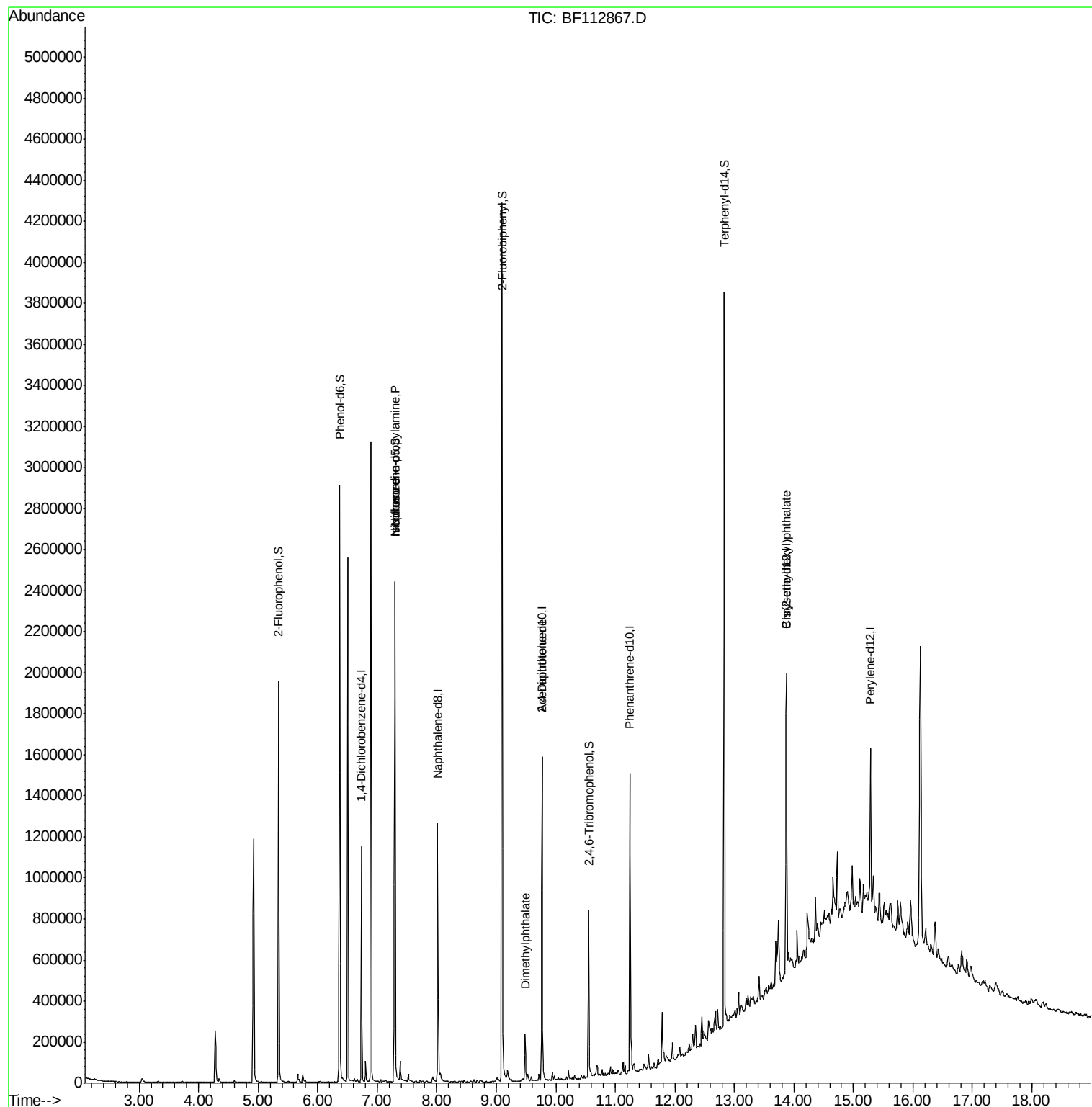
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173253	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	670633	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	310930	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	559731	20.00	ng	0.00
76) Chrysene-d12	13.87	240	453726	20.00	ng	0.00
87) Perylene-d12	15.29	264	373483	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	517009	46.42	ng	0.00
7) Phenol-d6	6.37	99	1059494	75.73	ng	0.00
23) Nitrobenzene-d5	7.30	82	800931	71.46	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	110252	33.40	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1529767	80.34	ng	0.00
79) Terphenyl-d14	12.83	244	1396585	59.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	107085	12.085	ng	# 76
25) Isophorone	7.30	82	780044	32.307	ng	# 66
50) Dimethylphthalate	9.49	163	95184	4.152	ng	99
57) 2,4-Dinitrotoluene	9.77	165	40106	6.758	ng	# 18
84) Bis(2-ethylhexyl)phthalate	13.87	149	81391	4.110	ng	99

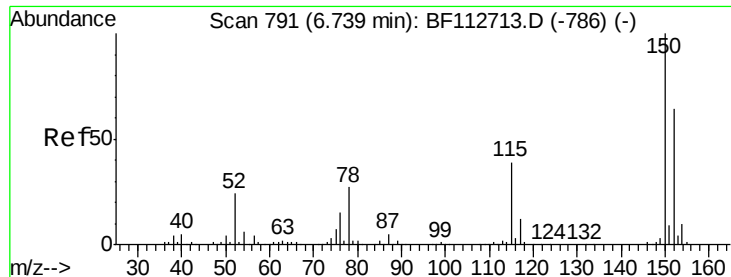
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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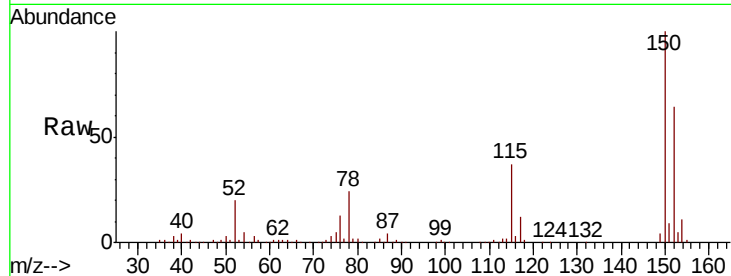


#1

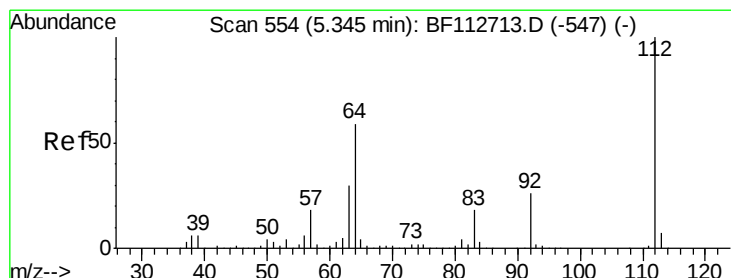
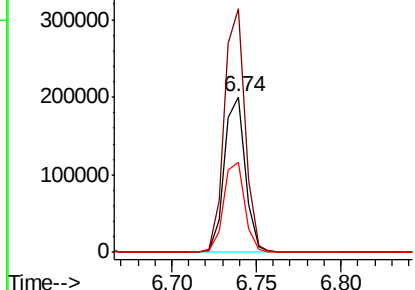
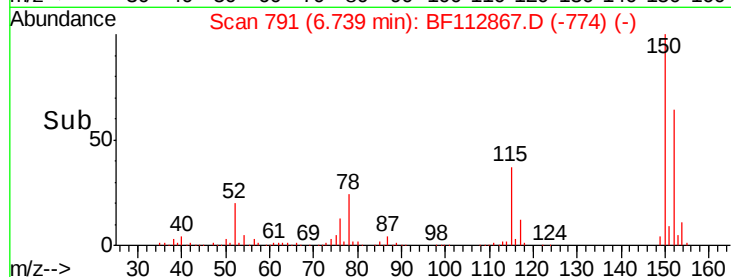
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112867.D
Acq: 5 Mar 2019 22:14

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-11

Tgt Ion:152 Resp: 173253
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 57.9 48.2 72.4



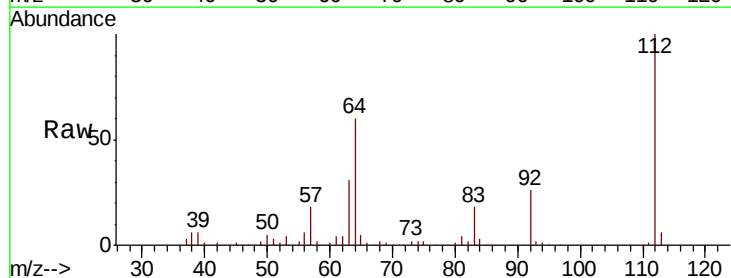
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



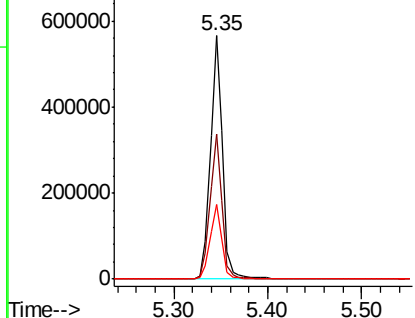
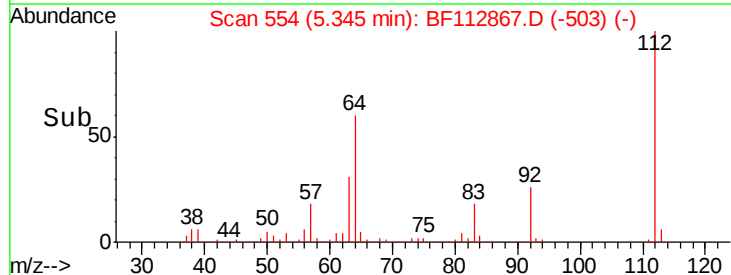
#5

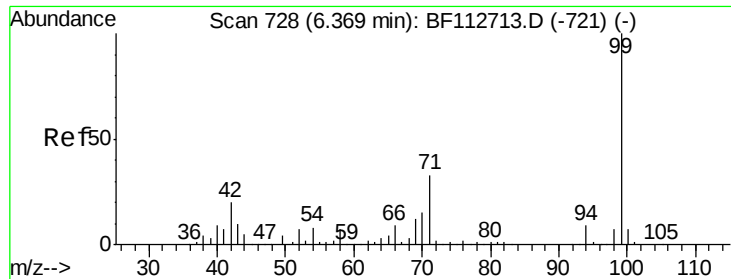
2-Fluorophenol
Concen: 46.419 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112867.D
Acq: 5 Mar 2019 22:14

Tgt Ion:112 Resp: 517009
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 30.9 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: 75.727 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112867.D

Acq: 5 Mar 2019 22:14

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-11

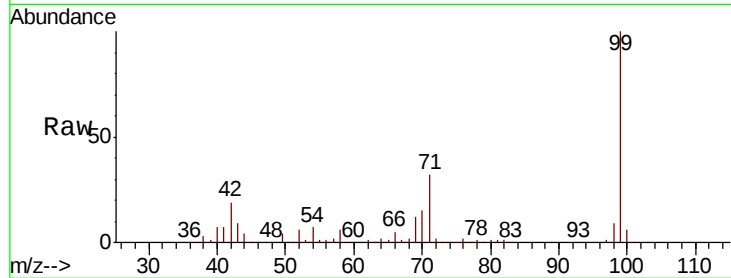
Tgt Ion: 99 Resp: 1059494

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

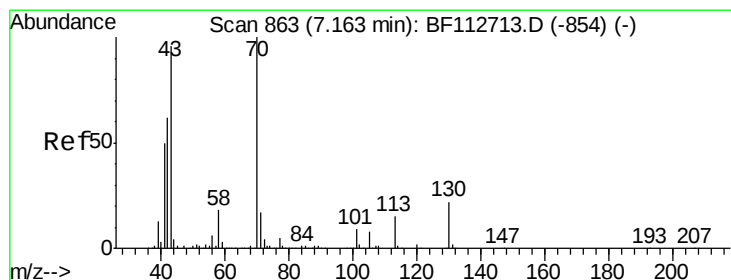
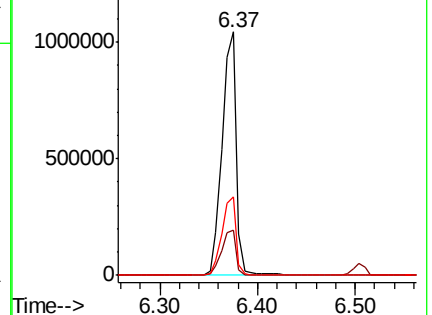
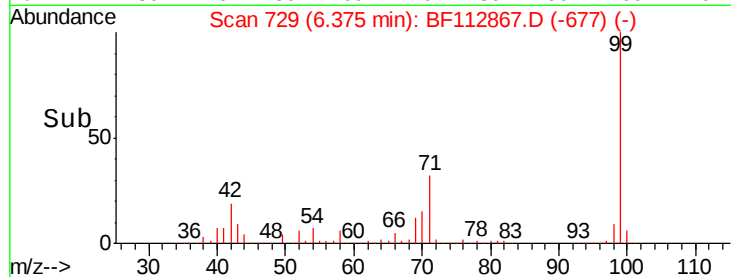
71 32.4 26.2 39.4



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: 12.085 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112867.D

Acq: 5 Mar 2019 22:14

Tgt Ion: 70 Resp: 107085

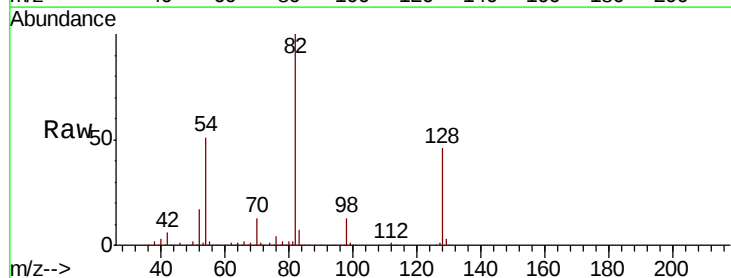
Ion Ratio Lower Upper

70 100

42 48.9 49.9 74.9#

101 0.0 7.4 11.2#

130 2.5 17.4 26.2#

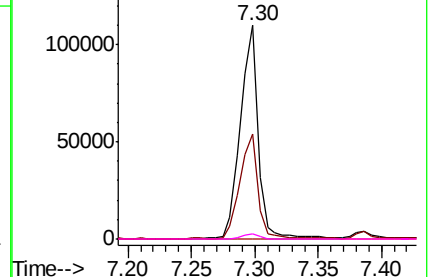
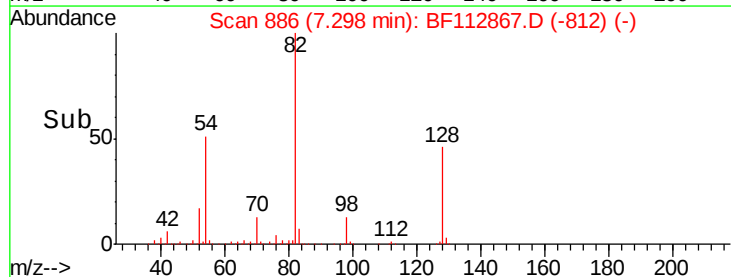


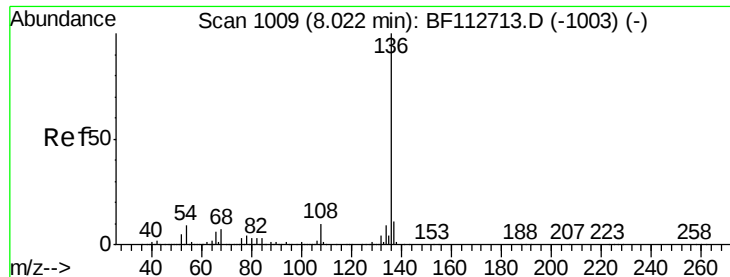
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

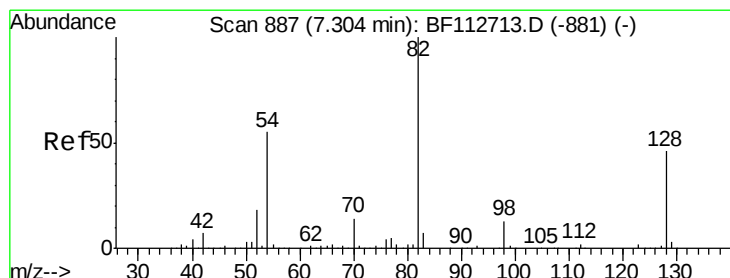
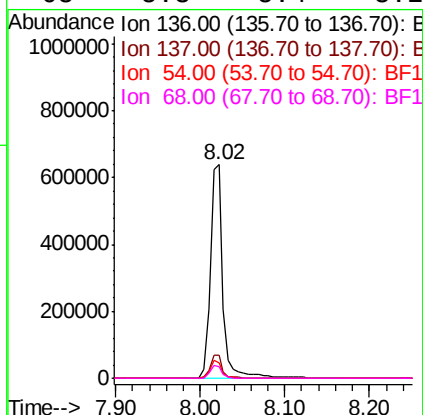
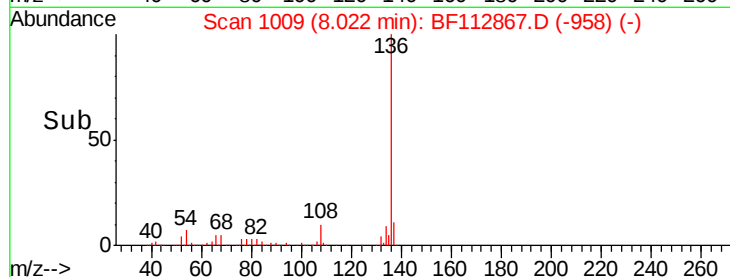
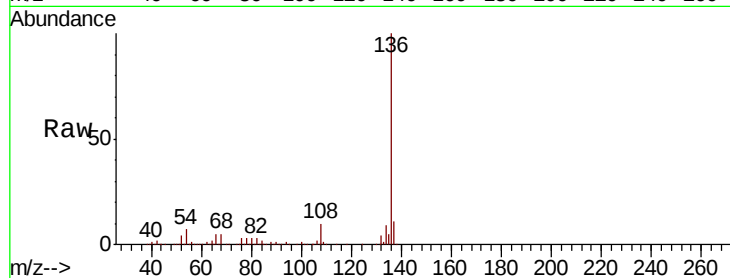




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112867.D
Acq: 5 Mar 2019 22:14

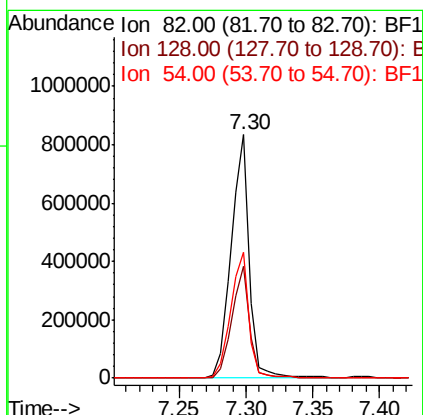
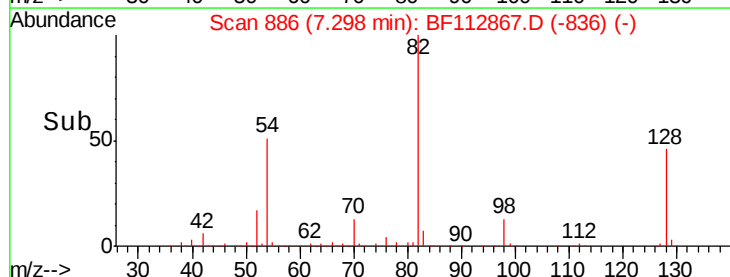
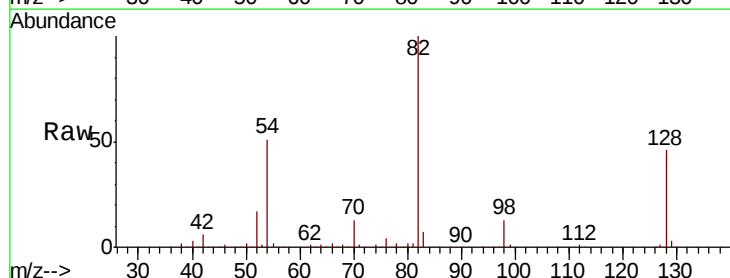
Instrument :
BNA_F
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RICH-REC-ROAD-STONE-11

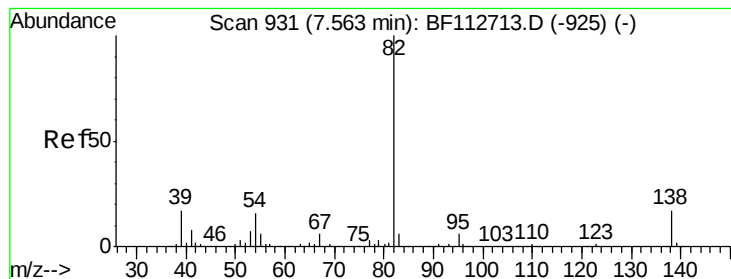
Tgt Ion:	136	Resp:	670633
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.4	7.3	10.9
68	5.3	5.4	8.2#



#23
Nitrobenzene-d5
Concen: 71.464 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112867.D
Acq: 5 Mar 2019 22:14

Tgt Ion:	82	Resp:	800931
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.3	54.5
54	51.4	43.7	65.5





#25

Isophorone

Concen: 32.307 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112867.D

Acq: 5 Mar 2019 22:14

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-11

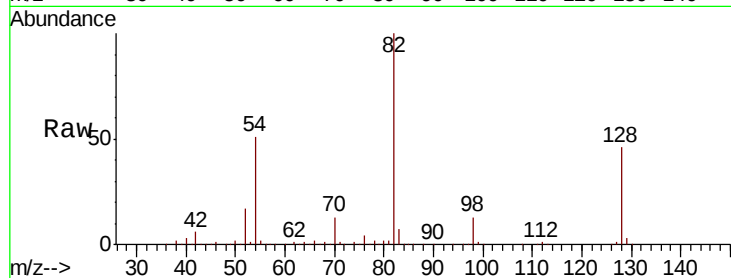
Tgt Ion: 82 Resp: 780044

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

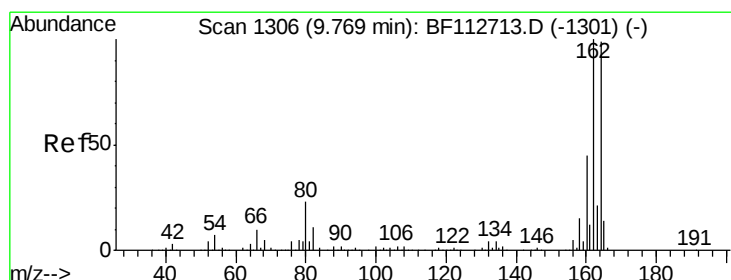
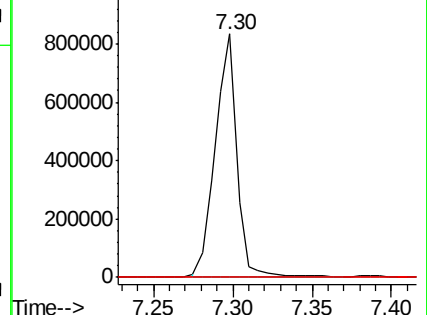
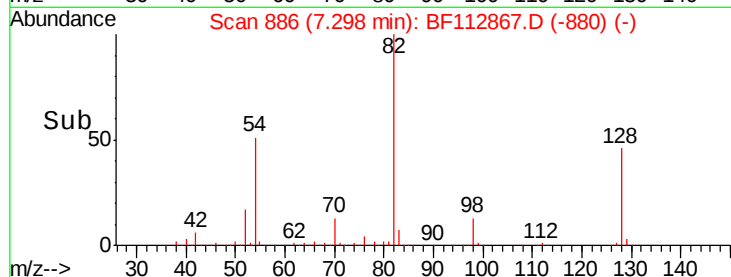
138 0.0 13.8 20.8#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF112867.D

Acq: 5 Mar 2019 22:14

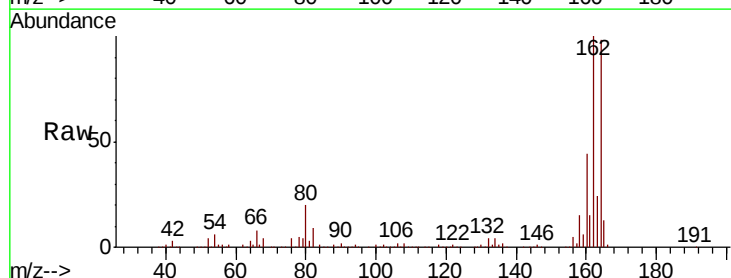
Tgt Ion: 164 Resp: 310930

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

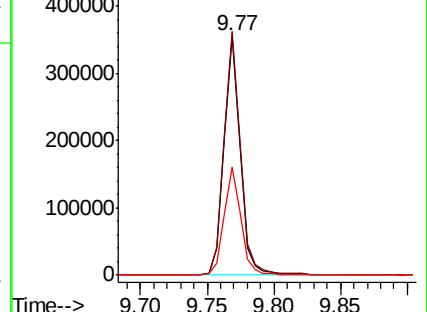
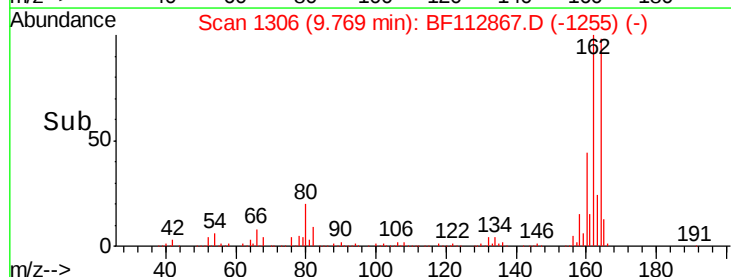
160 45.2 36.0 54.0

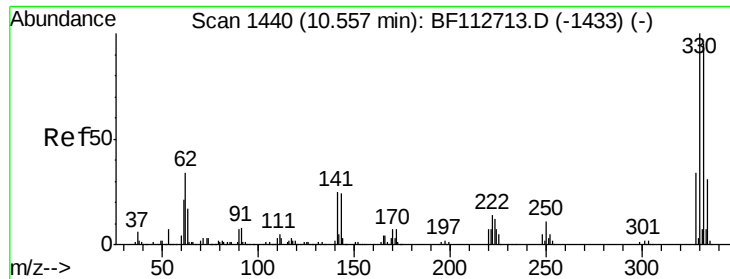


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

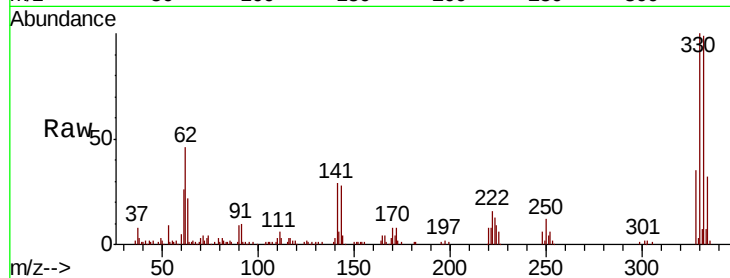




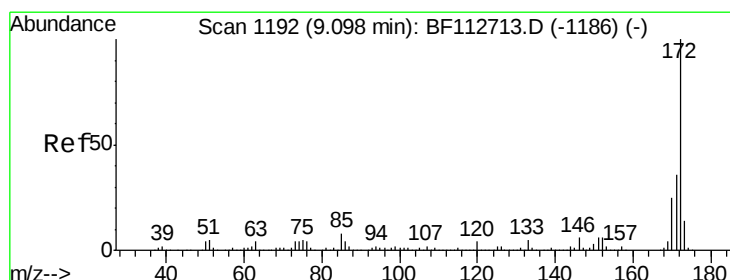
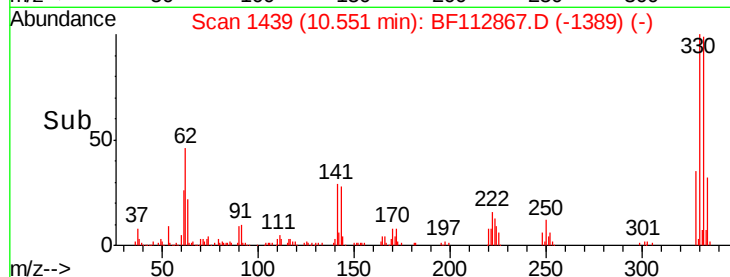
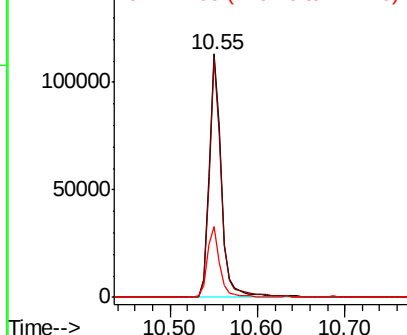
#42
 2,4,6-Tribromophenol
 Concen: 33.400 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112867.D
 Acq: 5 Mar 2019 22:14

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 RICH-REC-ROAD-STONE-11

Tgt Ion:330 Resp: 110252
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 29.8 27.0 40.6

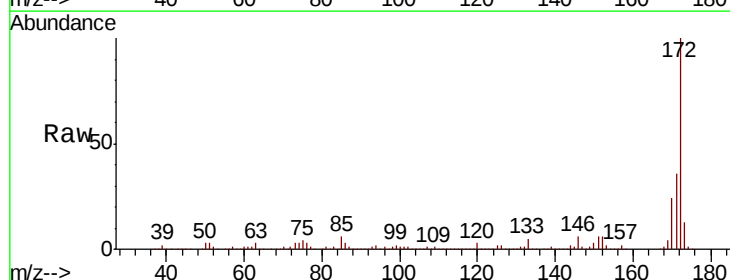


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

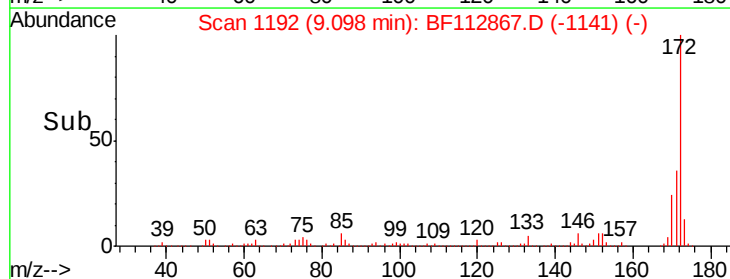
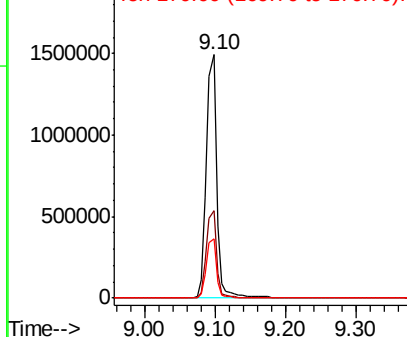


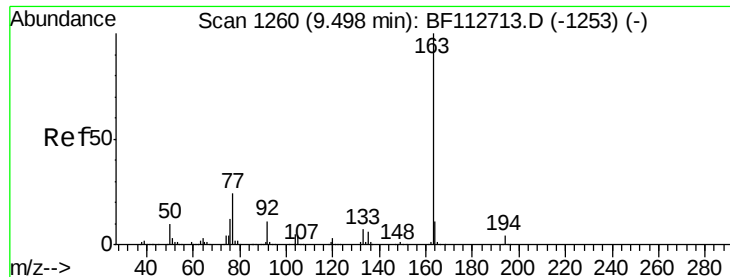
#45
 2-Fluorobiphenyl
 Concen: 80.343 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112867.D
 Acq: 5 Mar 2019 22:14

Tgt Ion:172 Resp: 1529767
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.5 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

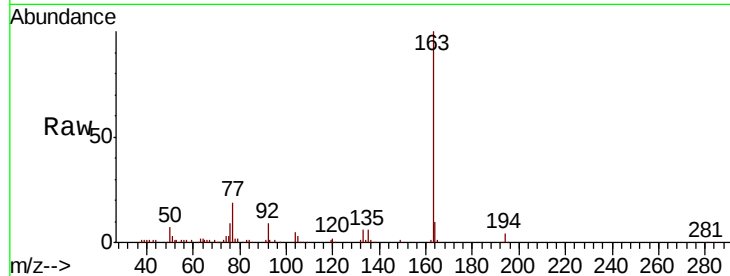




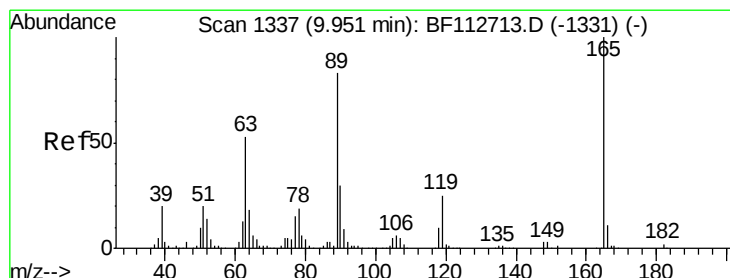
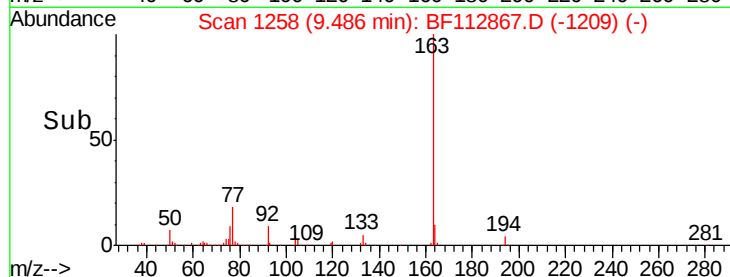
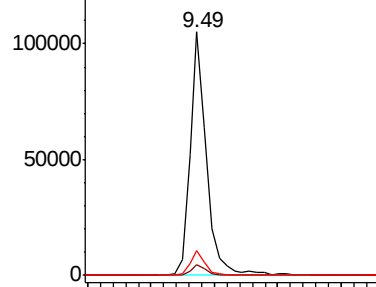
#50
Dimethylphthalate
Concen: 4.152 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112867.D
Acq: 5 Mar 2019 22:14

Instrument :
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Tgt Ion:163 Resp: 95184
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4
164 10.1 8.4 12.6

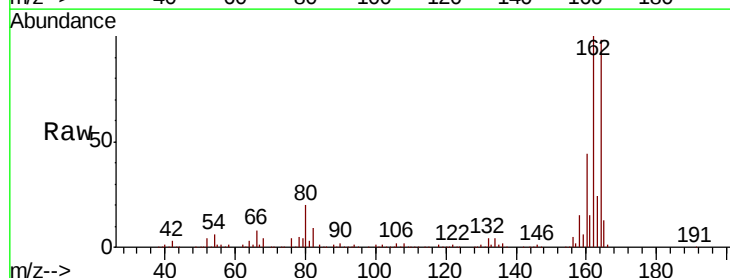


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

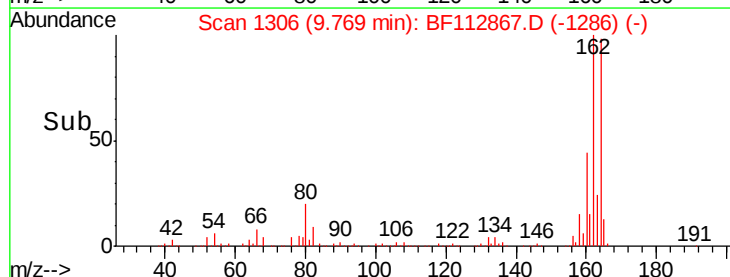
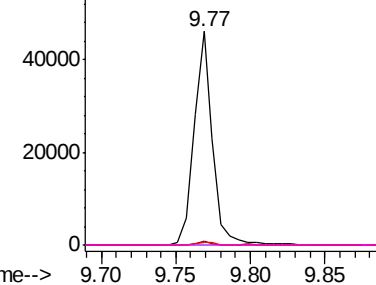


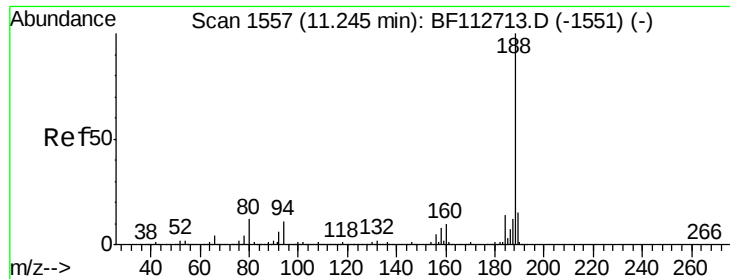
#57
2,4-Dinitrotoluene
Concen: 6.758 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112867.D
Acq: 5 Mar 2019 22:14

Tgt Ion:165 Resp: 40106
Ion Ratio Lower Upper
165 100
63 1.7 42.2 63.2#
89 1.1 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

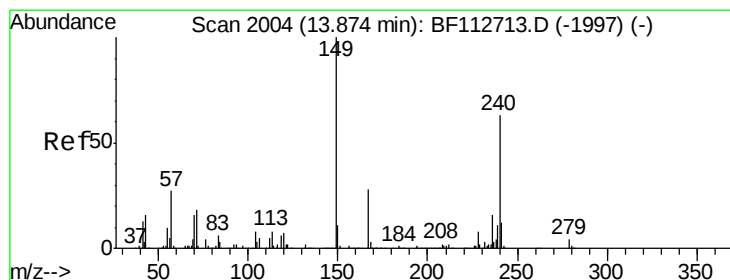
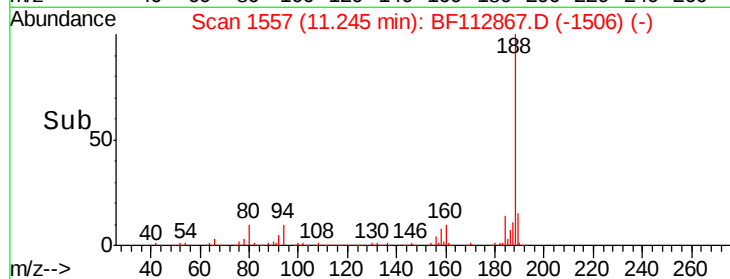
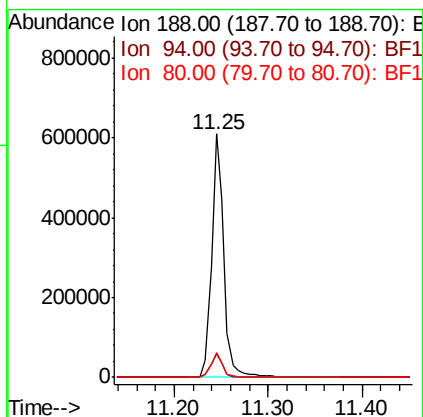
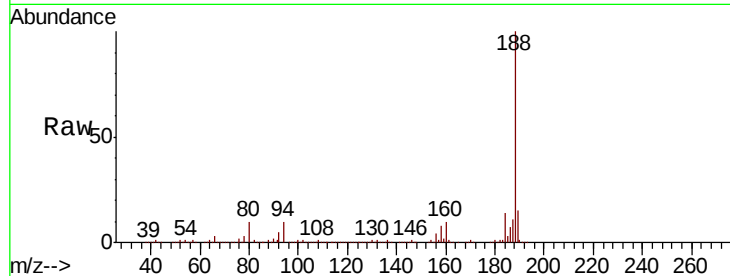




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112867.D
Acq: 5 Mar 2019 22:14

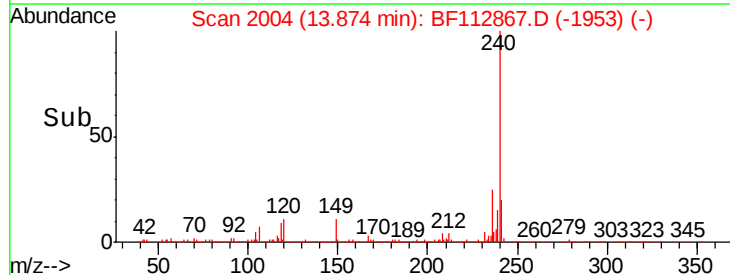
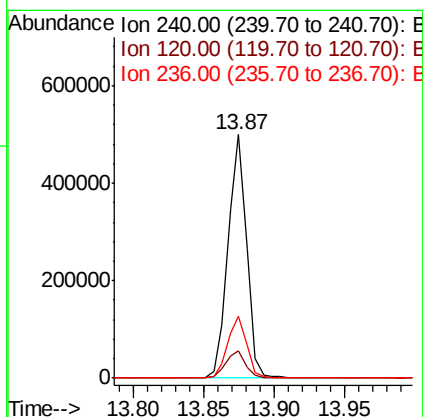
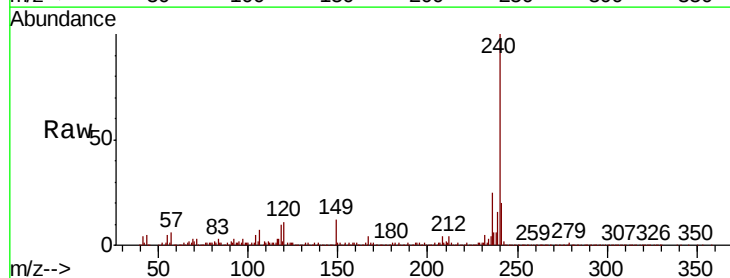
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-11

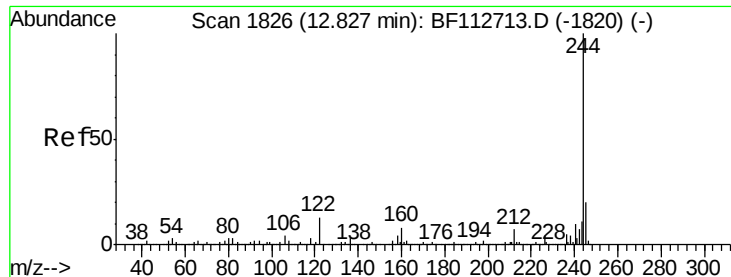
Tgt Ion:188 Resp: 559731
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 10.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112867.D
Acq: 5 Mar 2019 22:14

Tgt Ion:240 Resp: 453726
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.4 20.7 31.1

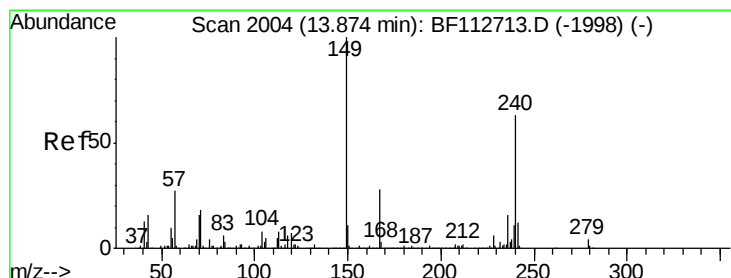
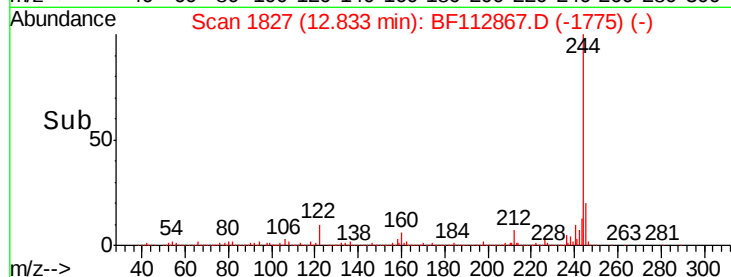
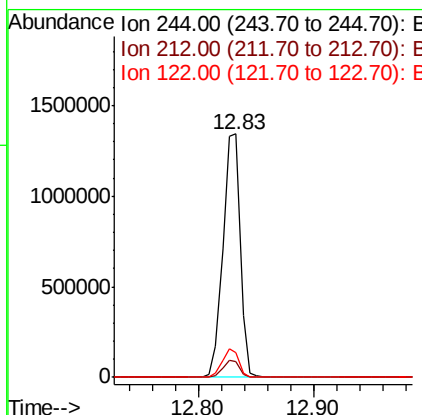
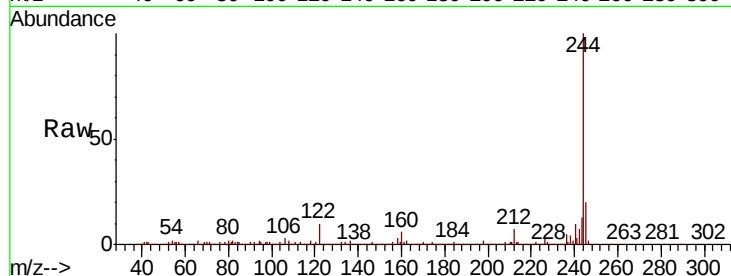




#79
 Terphenyl-d14
 Concen: 59.668 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112867.D
 Acq: 5 Mar 2019 22:14

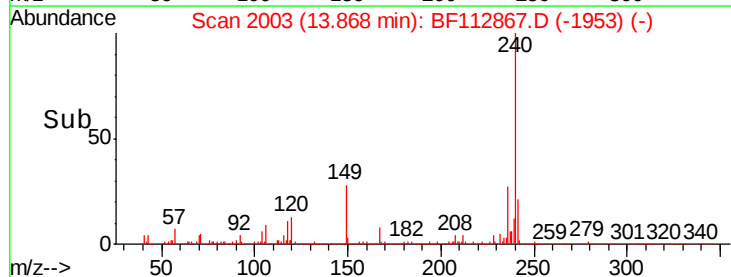
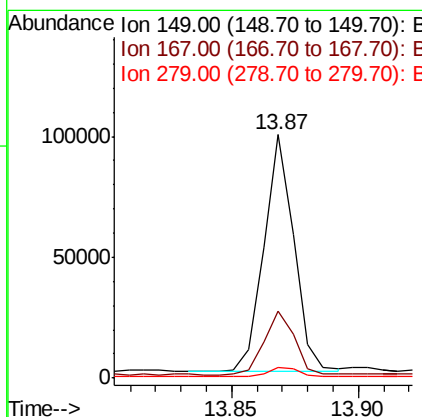
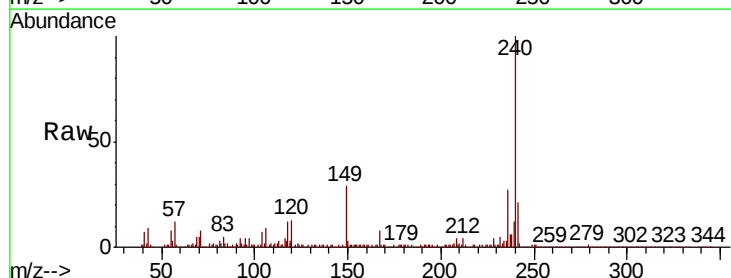
Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-11

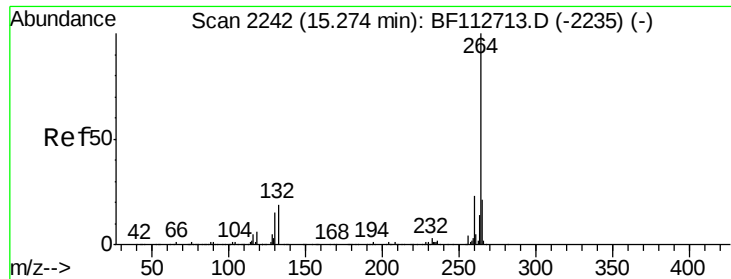
Tgt Ion:244 Resp: 1396585
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.9 10.5 15.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.110 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF112867.D
 Acq: 5 Mar 2019 22:14

Tgt Ion:149 Resp: 81391
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.4 33.6
 279 4.4 3.3 4.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112867.D
Acq: 5 Mar 2019 22:14

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-11

Tgt Ion: 264 Resp: 373483

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.7	17.2	25.8

