

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115003.D
 Acq On : 13 Jun 2019 15:11
 Operator : HP/JU
 Sample : K3346-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-15

Quant Time: Jun 14 03:46:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

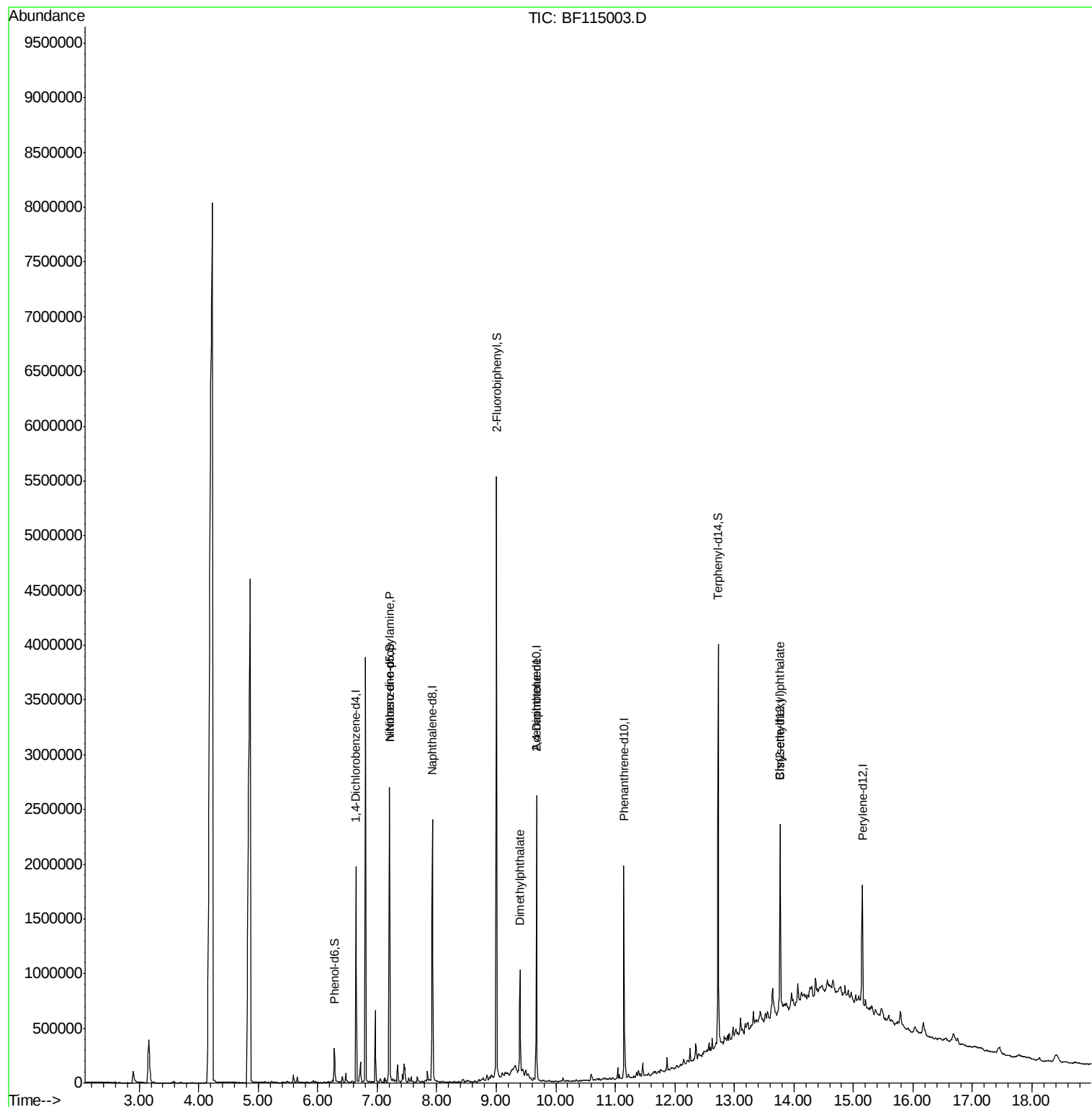
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	273831	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1046381	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	471984	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	756518	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	484863	20.00	ng	-0.01
87) Perylene-d12	15.15	264	503391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	3416	0.21	ng	0.00
7) Phenol-d6	6.28	99	111685	5.65	ng	-0.02
23) Nitrobenzene-d5	7.21	82	905112	52.07	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.00	172	1695939	60.90	ng	0.00
79) Terphenyl-d14	12.73	244	1254069	48.65	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.17	77	669	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	120265	10.006 ng	#	76
50) Dimethylphthalate	9.40	163	343894	9.688 ng		98
57) 2,4-Dinitrotoluene	9.67	165	61605	6.011 ng	#	29
58) Fluorene	10.22	166	2922	Below Cal		92
84) Bis(2-ethylhexyl)phthalate	13.77	149	51951	2.131 ng		99

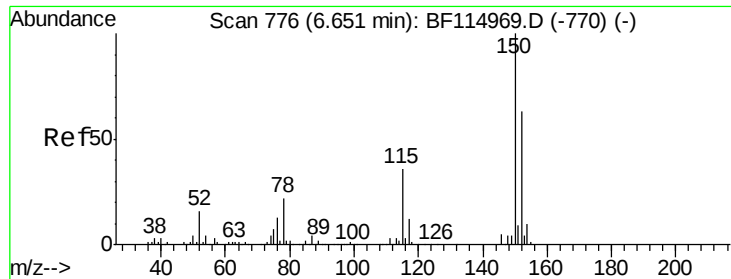
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-15

Quant Time: Jun 14 03:46:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration



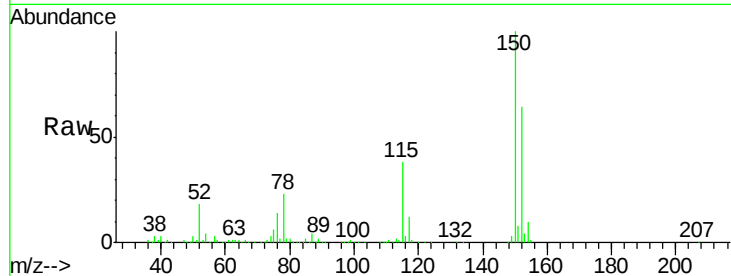


#1

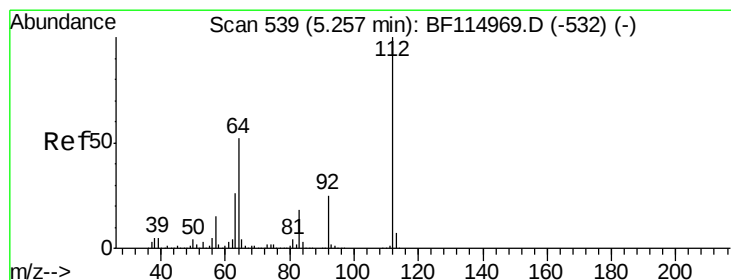
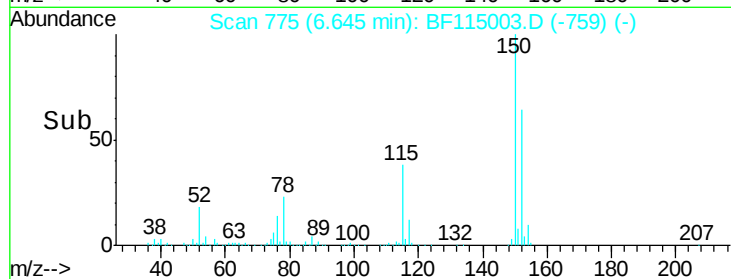
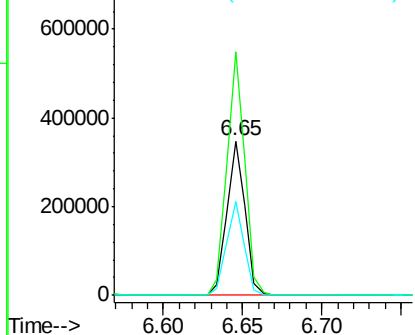
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115003.D
Acq: 13 Jun 2019 15:11

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-15

Tgt Ion:152 Resp: 273831
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 60.3 46.0 69.0



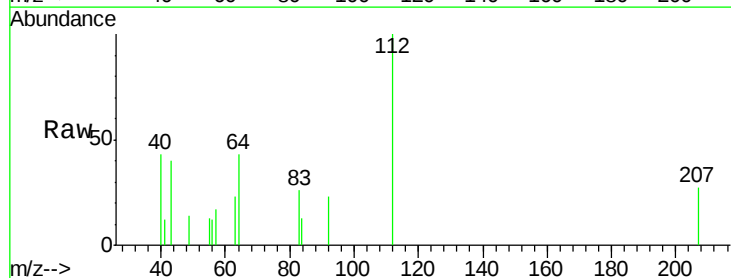
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



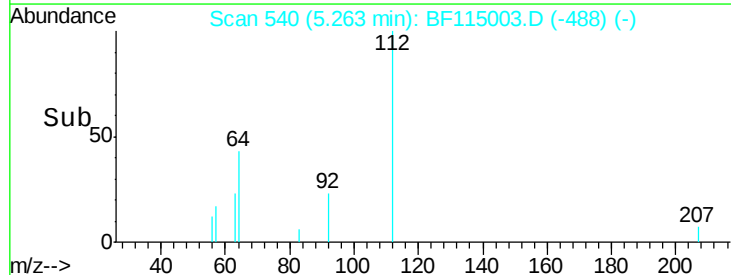
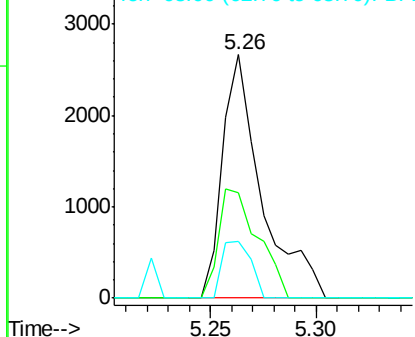
#5

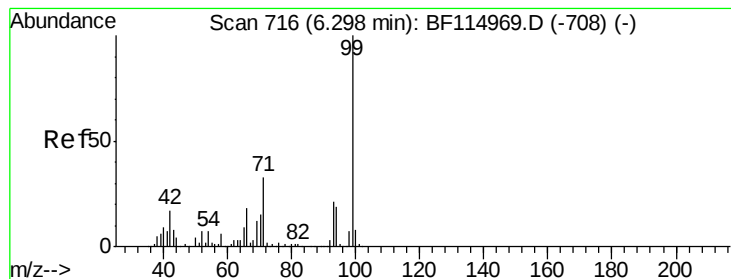
2-Fluorophenol
Concen: 0.208 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115003.D
Acq: 13 Jun 2019 15:11

Tgt Ion:112 Resp: 3416
Ion Ratio Lower Upper
112 100
64 43.5 41.6 62.4
63 23.4 20.9 31.3



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: 5.646 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115003.D

Acq: 13 Jun 2019 15:11

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-15

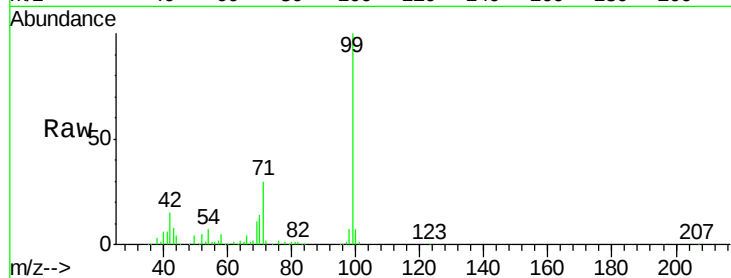
Tgt Ion: 99 Resp: 111685

Ion Ratio Lower Upper

99 100

42 15.0 13.4 20.2

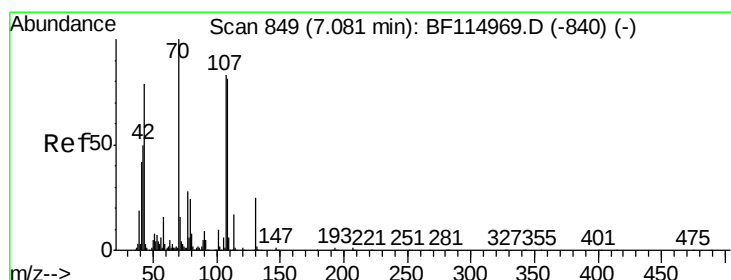
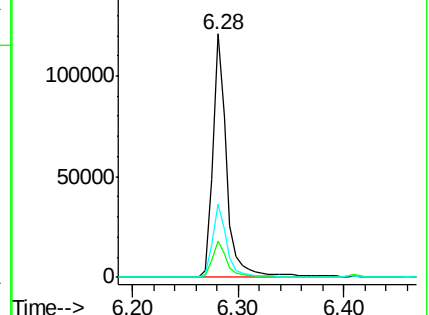
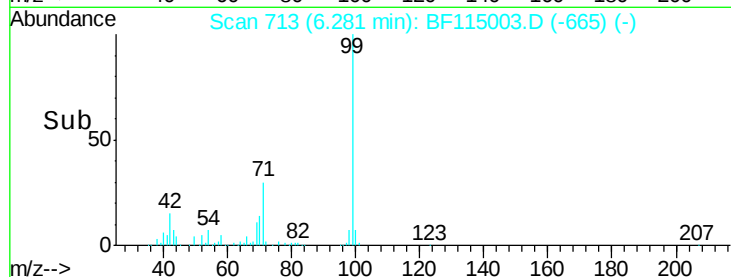
71 30.3 26.4 39.6



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: 10.006 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115003.D

Acq: 13 Jun 2019 15:11

Tgt Ion: 70 Resp: 120265

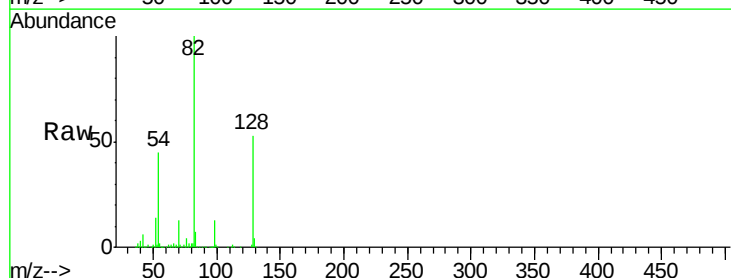
Ion Ratio Lower Upper

70 100

42 42.5 40.3 60.5

101 0.0 8.2 12.4#

130 2.1 20.3 30.5#

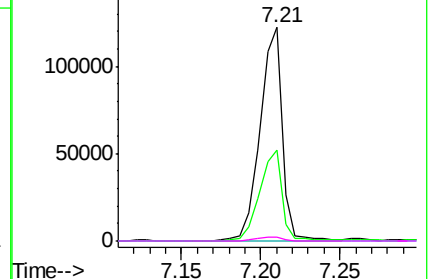
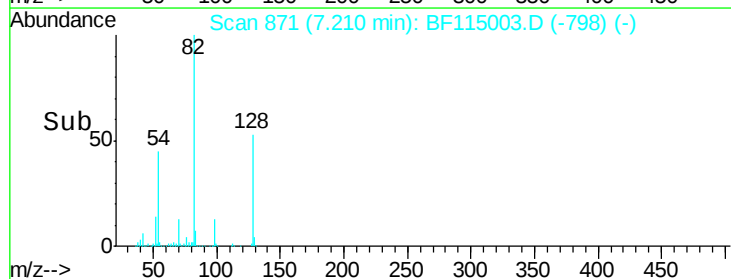


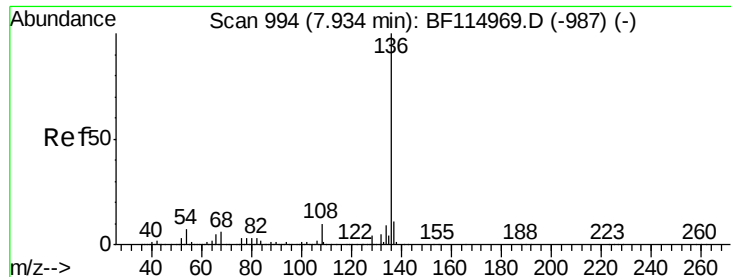
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

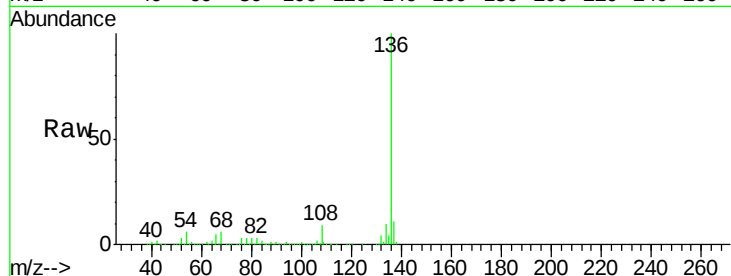




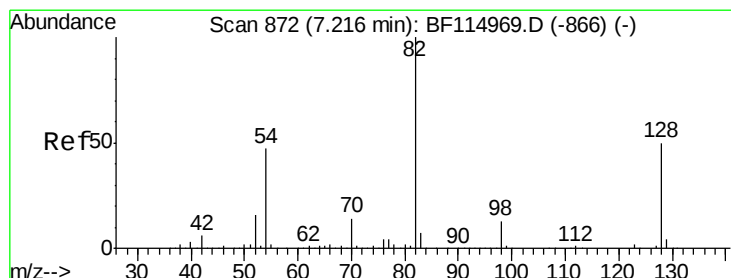
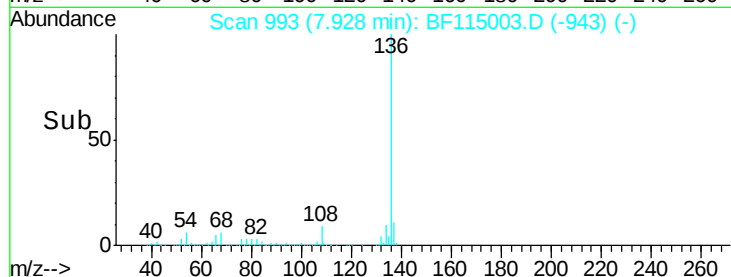
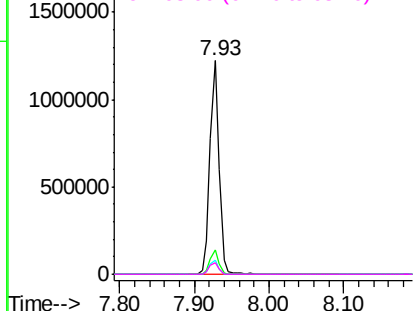
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115003.D
Acq: 13 Jun 2019 15:11

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-15

Tgt Ion:	136	Resp:	1046381
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	6.5	5.4	8.0
68	5.7	4.6	7.0

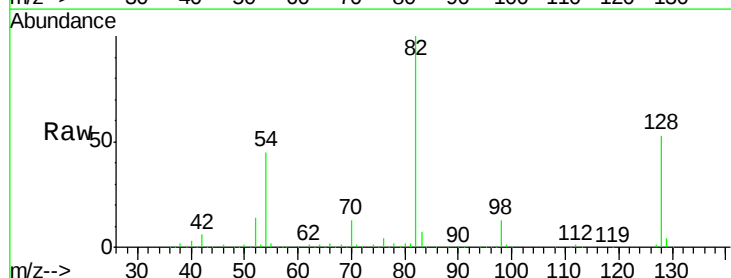


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

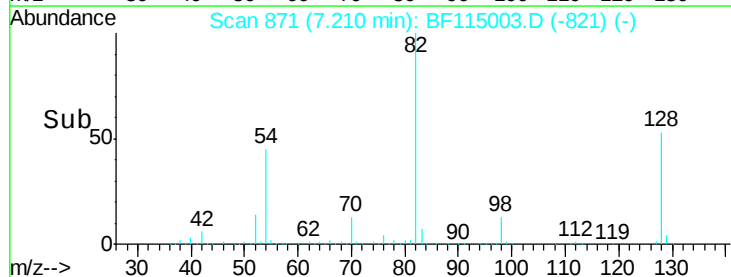
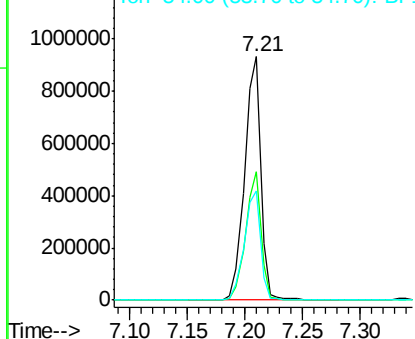


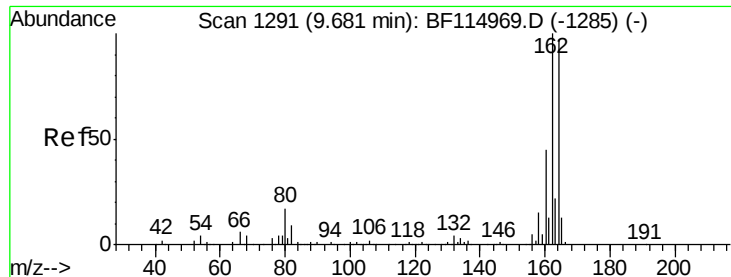
#23
Nitrobenzene-d5
Concen: 52.066 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115003.D
Acq: 13 Jun 2019 15:11

Tgt Ion:	82	Resp:	905112
Ion	Ratio	Lower	Upper
82	100		
128	52.7	39.9	59.9
54	44.7	37.3	55.9



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: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115003.D

Acq: 13 Jun 2019 15:11

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-15

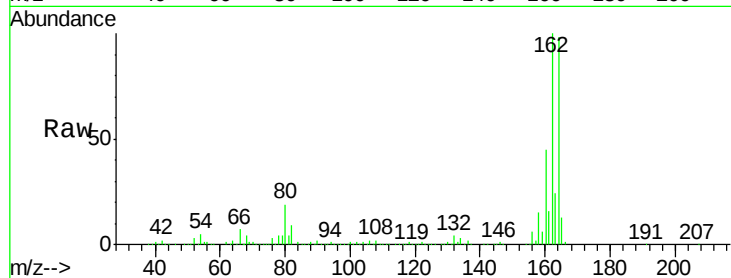
Tgt Ion:164 Resp: 471984

Ion Ratio Lower Upper

164 100

162 102.1 82.6 124.0

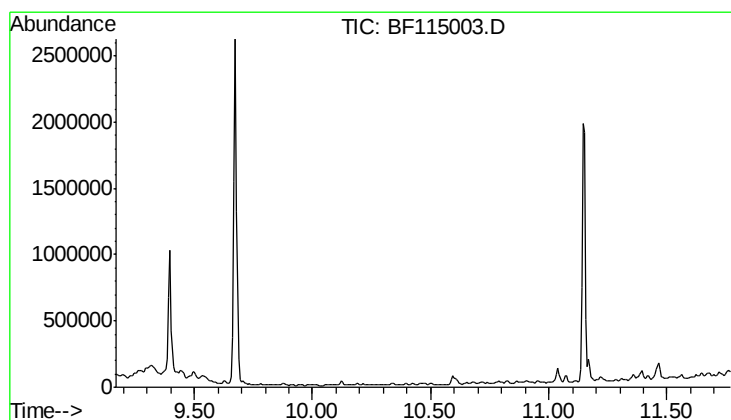
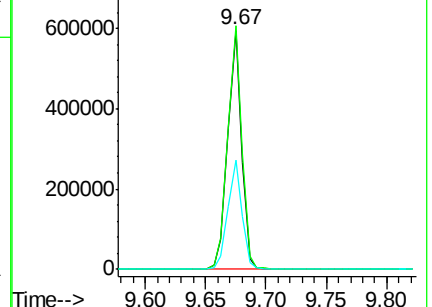
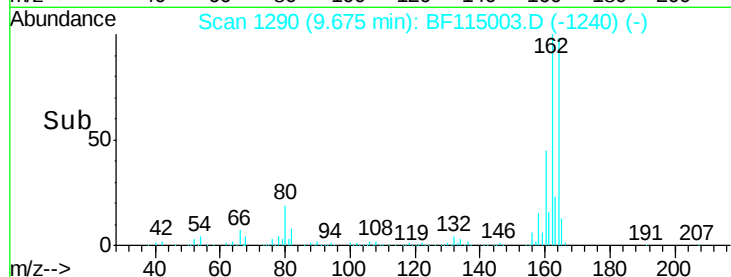
160 45.9 36.9 55.3



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: 0.000 ng

Expected RT: 10.47 min

Lab File: BF115003.D

Acq: 13 Jun 2019 15:11

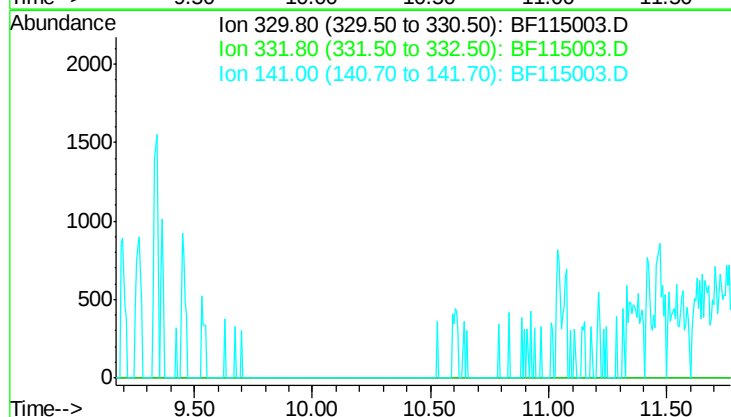
Tgt Ion: 330

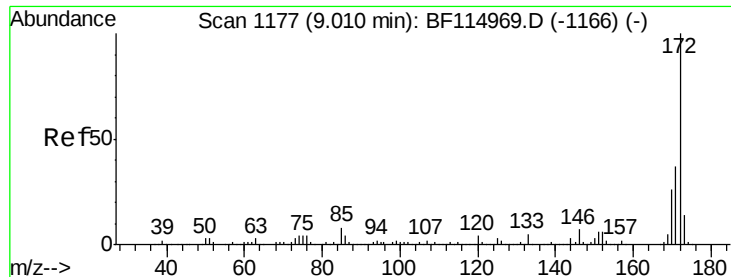
Sig Exp Ratio

330 100

332 97.0

141 34.0

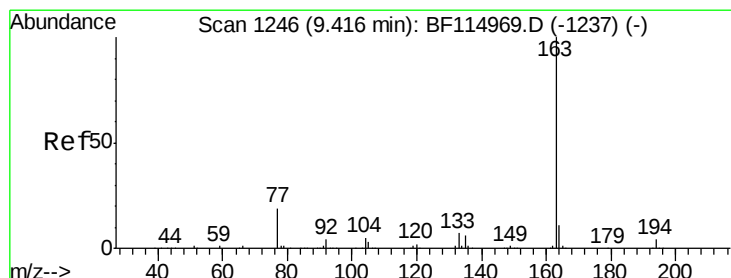
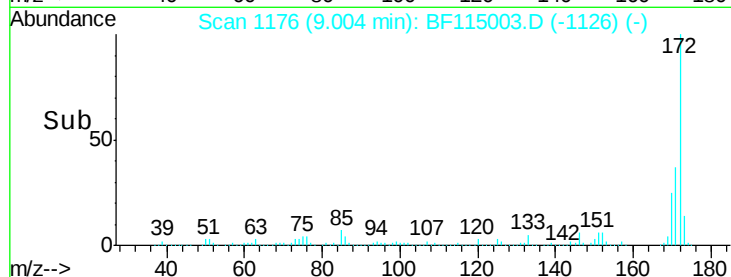
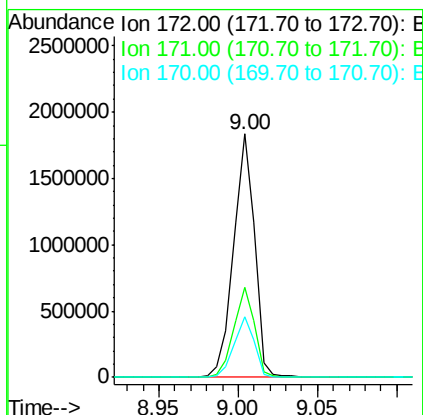
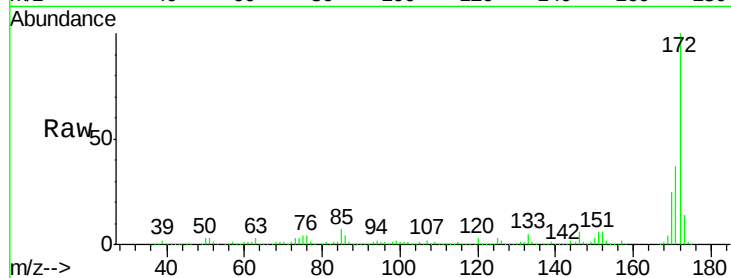




#45
 2-Fluorobiphenyl
 Concen: 60.899 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115003.D
 Acq: 13 Jun 2019 15:11

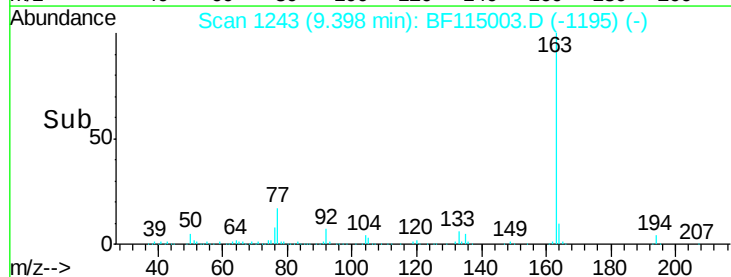
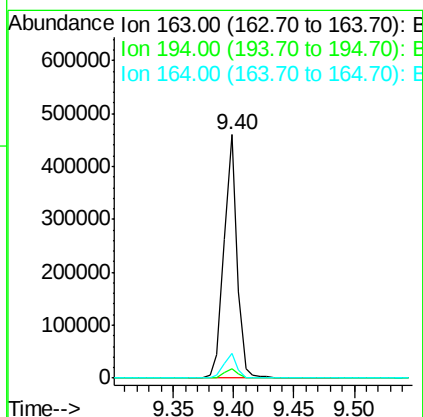
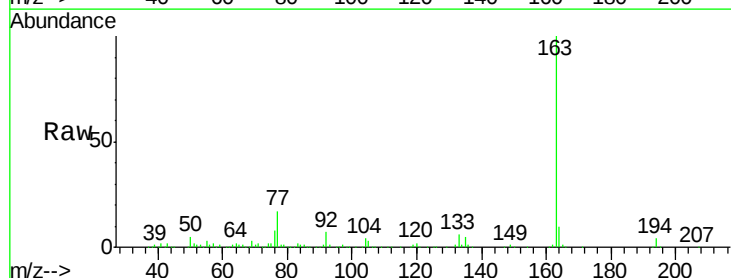
Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-15

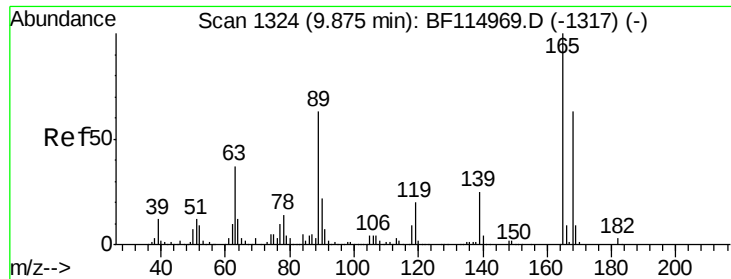
Tgt Ion:172 Resp: 1695939
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 24.8 20.6 31.0



#50
 Dimethylphthalate
 Concen: 9.688 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BF115003.D
 Acq: 13 Jun 2019 15:11

Tgt Ion:163 Resp: 343894
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.3 4.9
 164 10.0 8.6 12.8

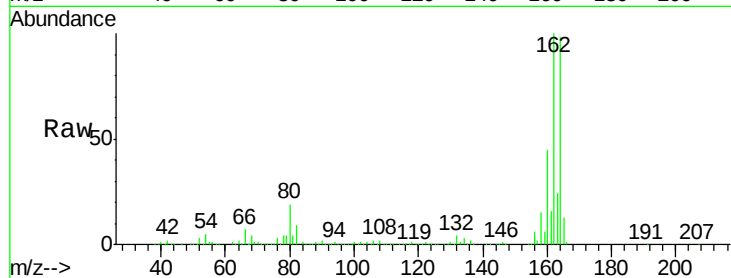




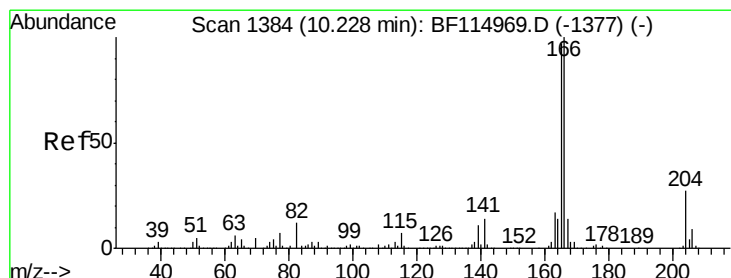
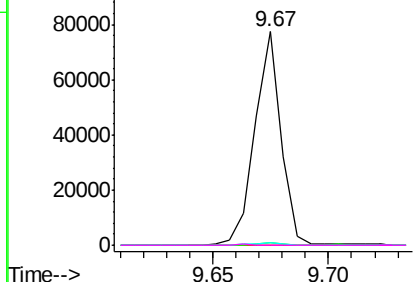
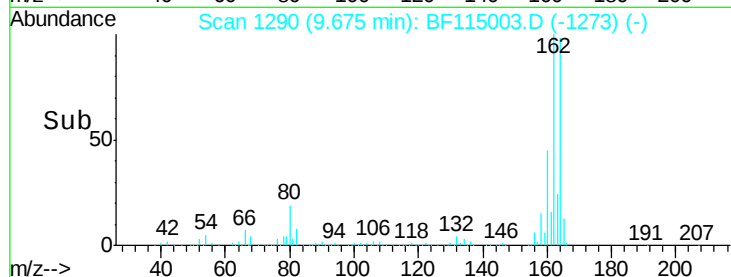
#57
 2,4-Dinitrotoluene
 Concen: 6.011 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115003.D
 Acq: 13 Jun 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-15

Tgt Ion:165 Resp: 61605
 Ion Ratio Lower Upper
 165 100
 63 1.0 29.4 44.2#
 89 1.4 50.6 75.8#
 182 0.0 2.2 3.2#

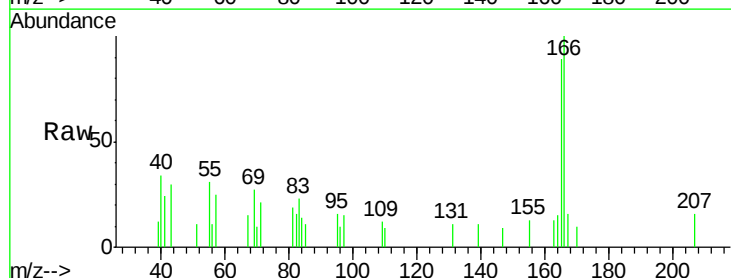


Abundance Ion 165.00 (164.70 to 165.70): E
 120000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

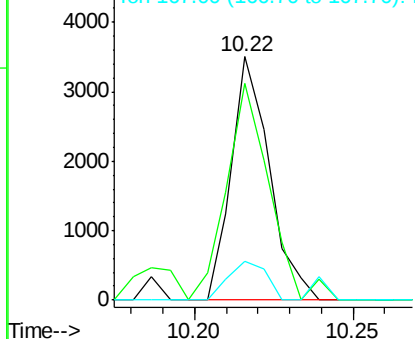
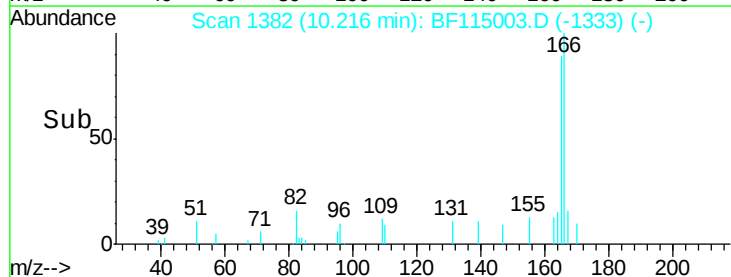


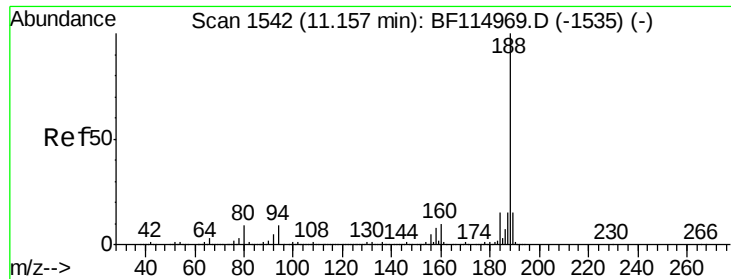
#58
 Fluorene
 Concen: Below Cal
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF115003.D
 Acq: 13 Jun 2019 15:11

Tgt Ion:166 Resp: 2922
 Ion Ratio Lower Upper
 166 100
 165 89.2 77.6 116.4
 167 16.0 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 4000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

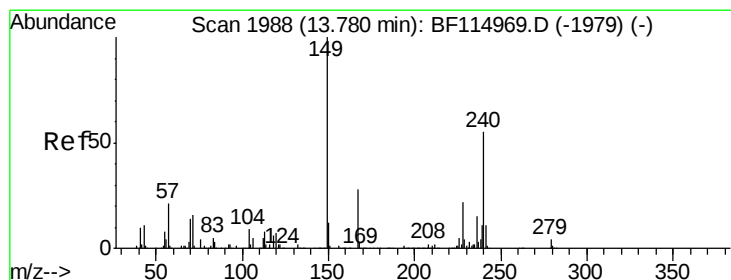
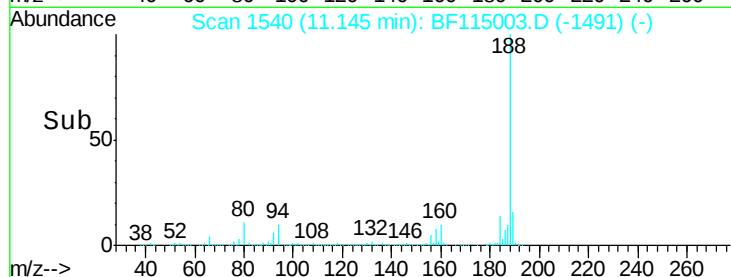
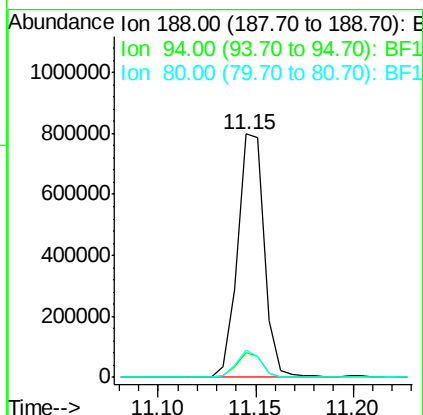
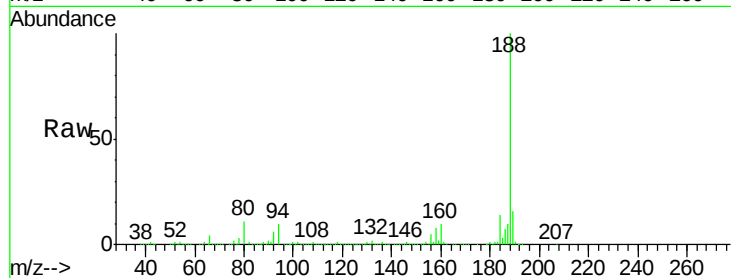




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115003.D
Acq: 13 Jun 2019 15:11

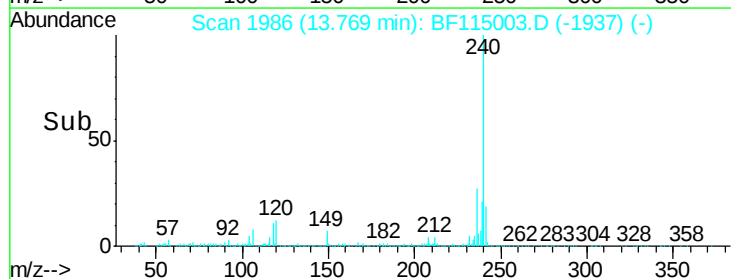
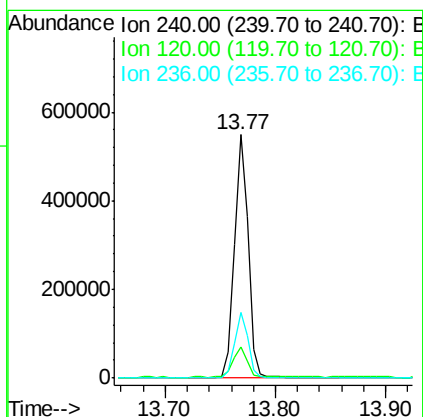
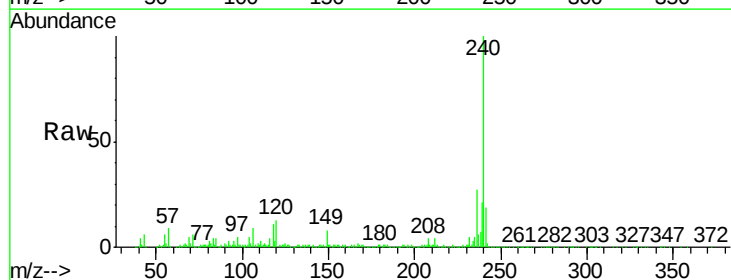
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-15

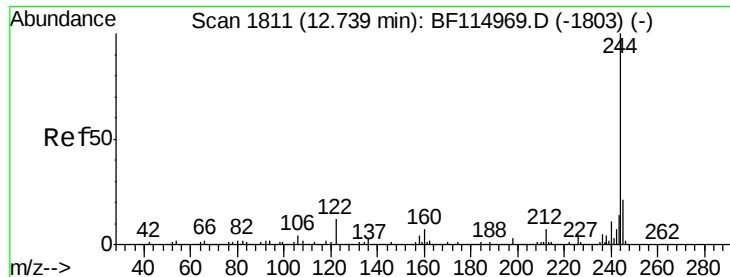
Tgt Ion:188 Resp: 756518
Ion Ratio Lower Upper
188 100
94 10.4 7.2 10.8
80 11.1 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115003.D
Acq: 13 Jun 2019 15:11

Tgt Ion:240 Resp: 484863
Ion Ratio Lower Upper
240 100
120 12.8 10.0 15.0
236 27.2 21.6 32.4





#79

Terphenyl-d14

Concen: 48.648 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115003.D

Acq: 13 Jun 2019 15:11

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-15

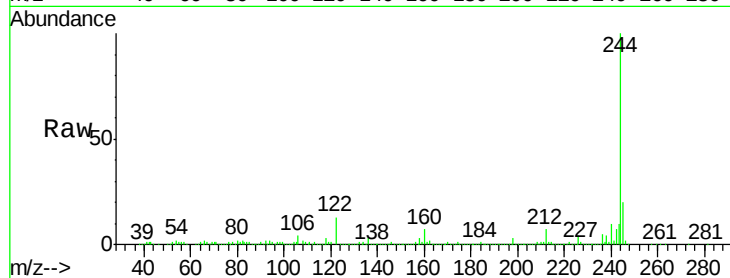
Tgt Ion:244 Resp: 1254069

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

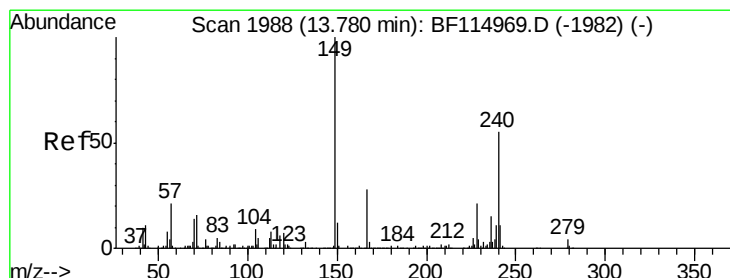
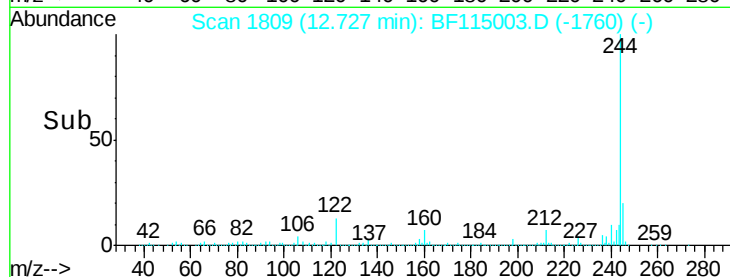
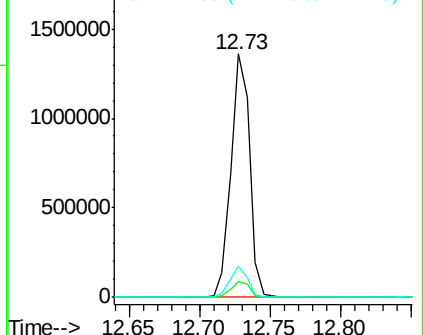
122 12.9 9.4 14.0



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: 2.131 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115003.D

Acq: 13 Jun 2019 15:11

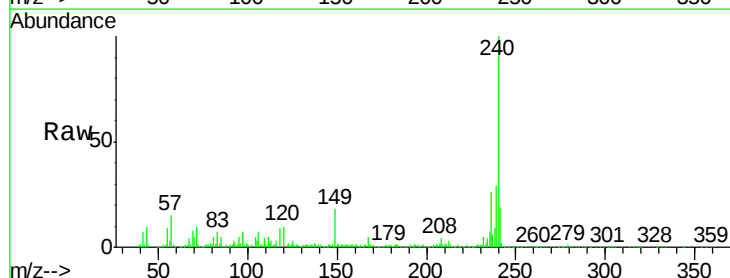
Tgt Ion:149 Resp: 51951

Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

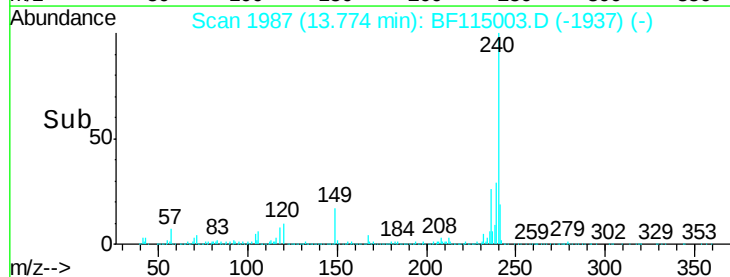
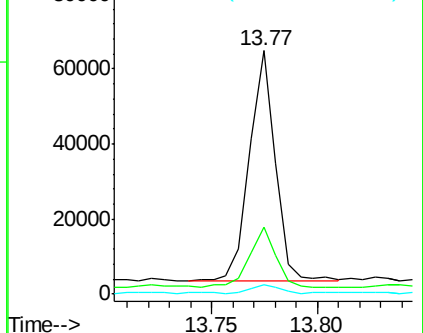
279 3.8 3.4 5.0

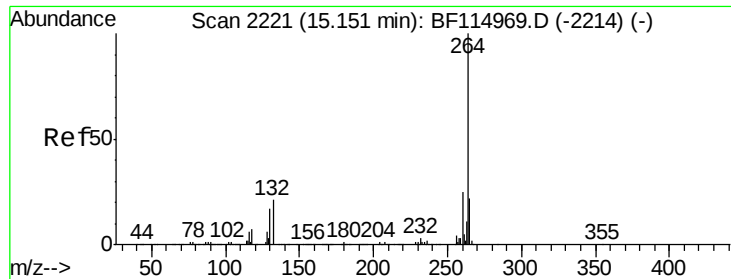


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

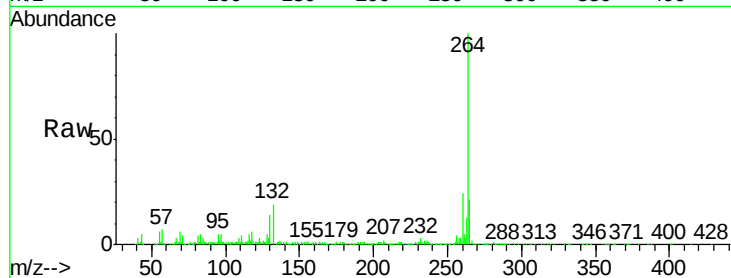




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF115003.D
Acq: 13 Jun 2019 15:11

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	21.2	17.6	26.4



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

