

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113578.D
 Acq On : 4 Apr 2019 8:41
 Operator : JU/SJ
 Sample : K2231-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-13

Quant Time: Apr 04 09:17:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

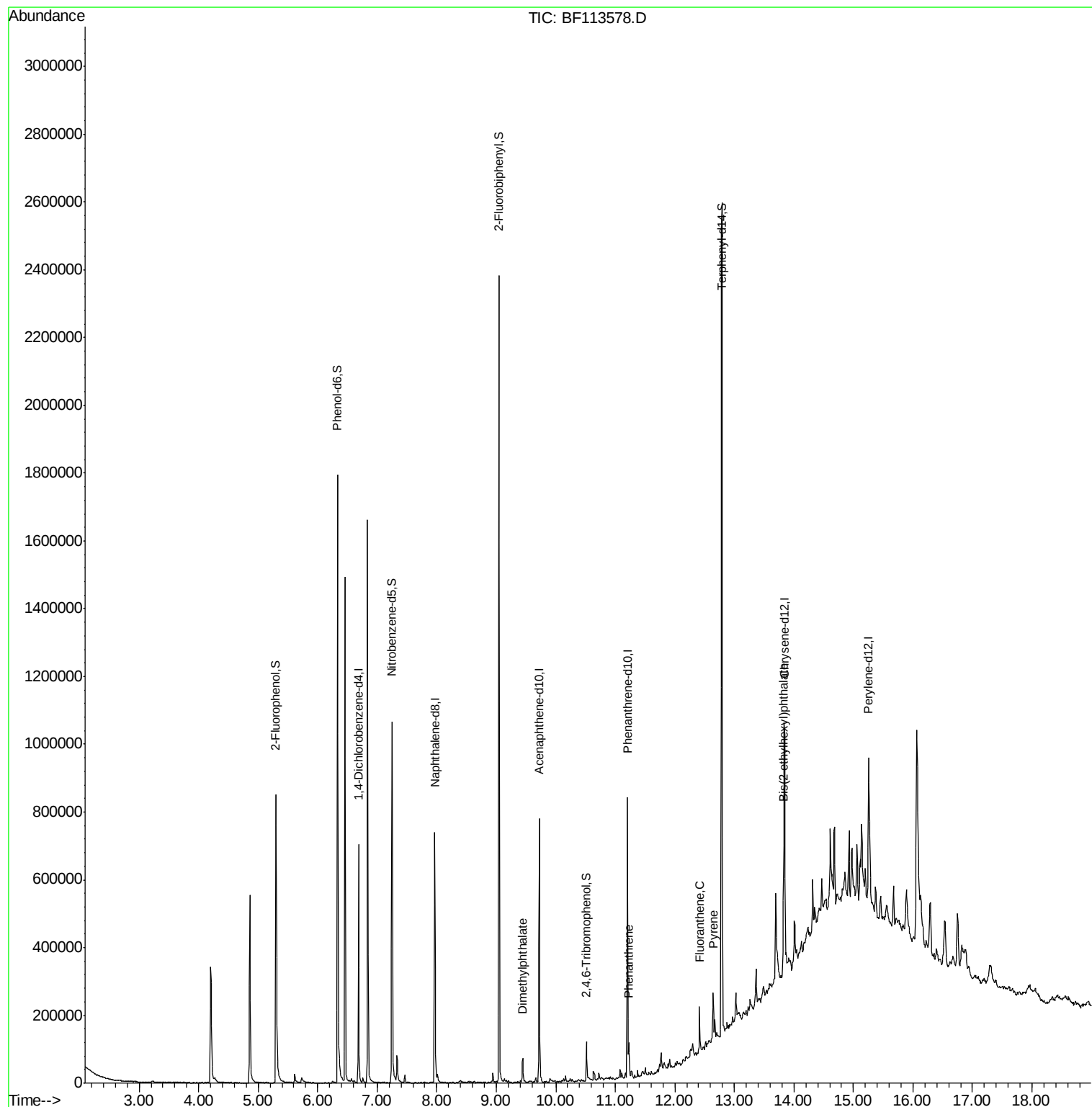
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	104842	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	345510	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	150971	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	314150	20.00	ng	0.00
76) Chrysene-d12	13.84	240	275094	20.00	ng	0.00
87) Perylene-d12	15.26	264	195777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	305446	49.68	ng	0.00
7) Phenol-d6	6.33	99	648531	85.58	ng	0.00
23) Nitrobenzene-d5	7.25	82	382679	64.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	18313	10.10	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	746248	79.58	ng	0.00
79) Terphenyl-d14	12.79	244	918254	67.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	32851	2.952	ng	Qvalue # 98
71) Phenanthrene	11.23	178	33981	2.177	ng	99
75) Fluoranthene	12.42	202	59158	3.537	ng	99
78) Pyrene	12.64	202	51812	2.475	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	72807	7.068	ng	# 96

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

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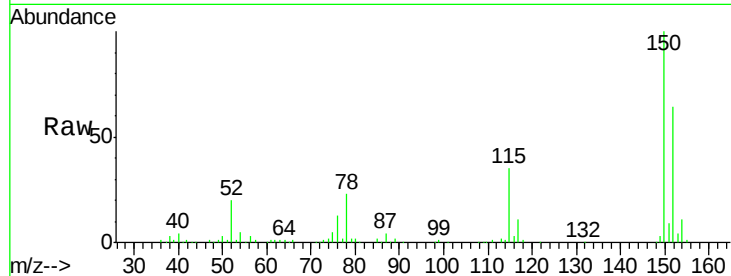


#1

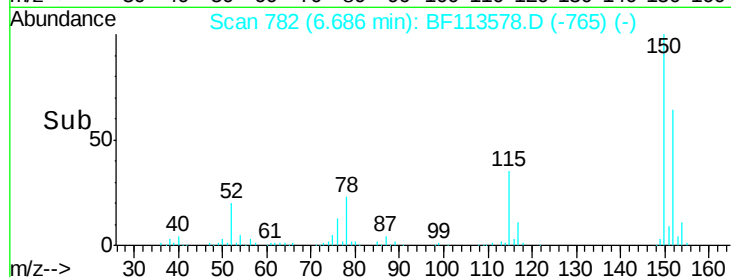
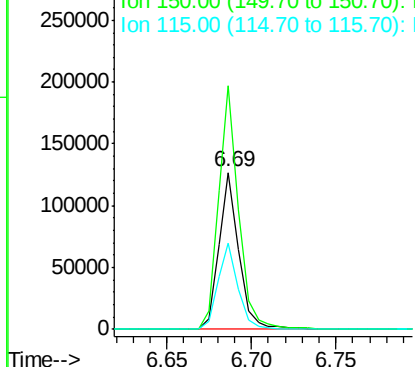
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF113578.D
 Acq: 4 Apr 2019 8:41

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-13

Tgt Ion:152 Resp: 104842
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.7 187.1
 115 54.6 46.0 69.0



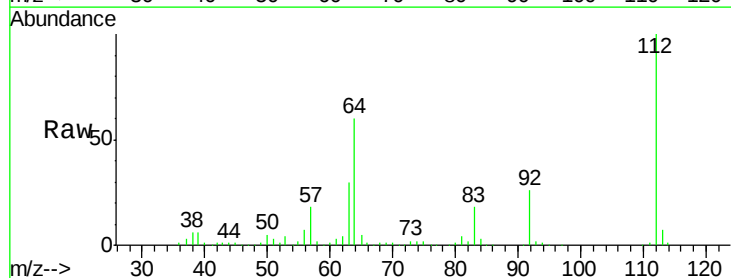
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



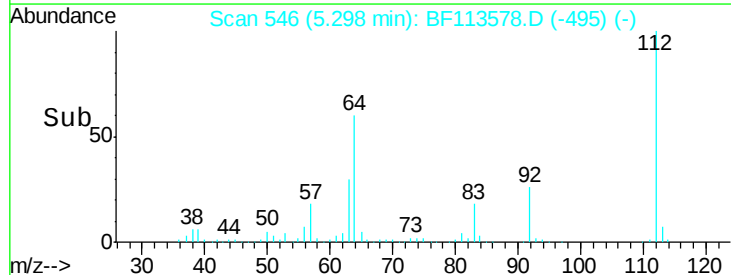
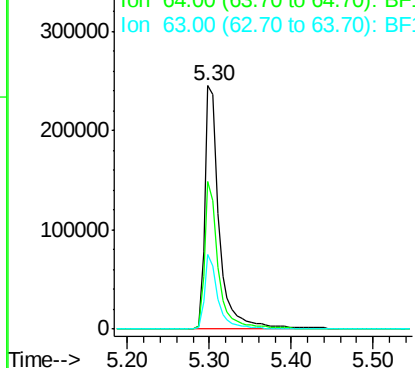
#5

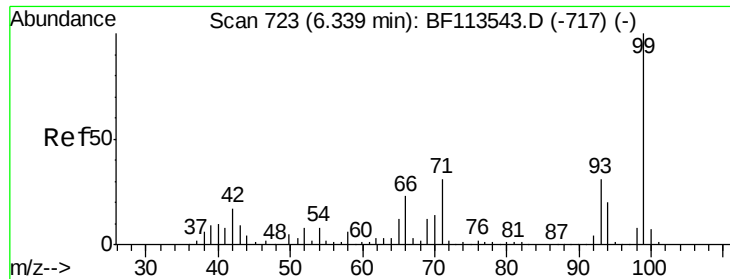
2-Fluorophenol
 Concen: 49.680 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF113578.D
 Acq: 4 Apr 2019 8:41

Tgt Ion:112 Resp: 305446
 Ion Ratio Lower Upper
 112 100
 64 60.4 49.2 73.8
 63 30.4 24.9 37.3



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: 85.583 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113578.D

Acq: 4 Apr 2019 8:41

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-13

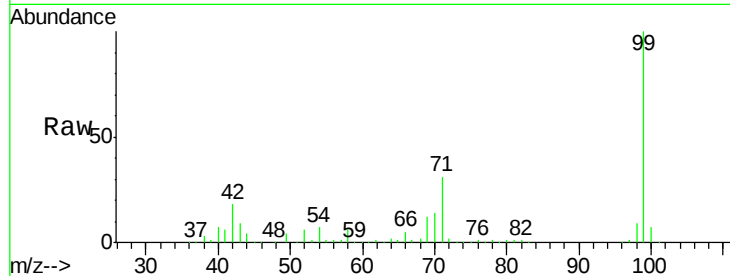
Tgt Ion: 99 Resp: 648531

Ion Ratio Lower Upper

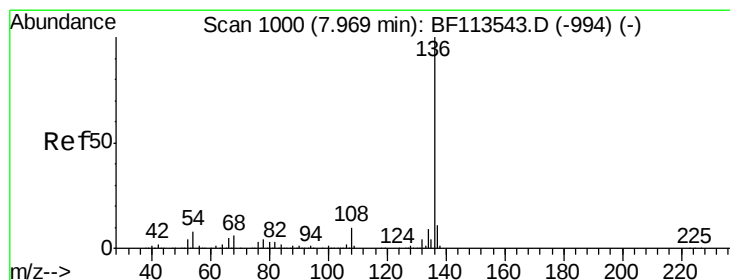
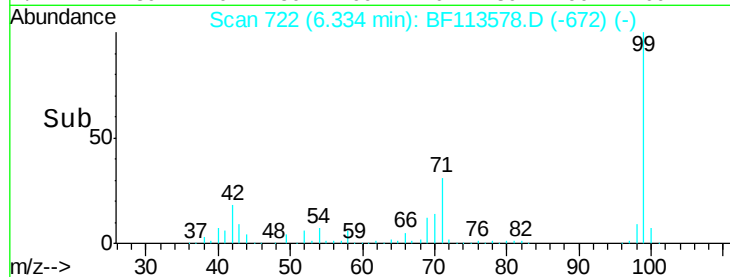
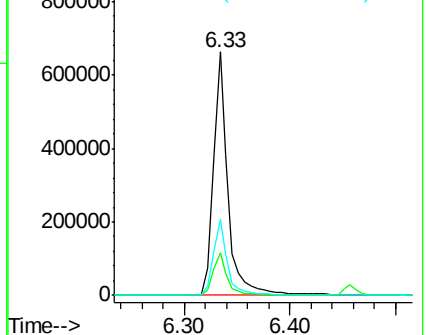
99 100

42 17.7 14.8 22.2

71 31.1 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113578.D

Acq: 4 Apr 2019 8:41

Tgt Ion: 136 Resp: 345510

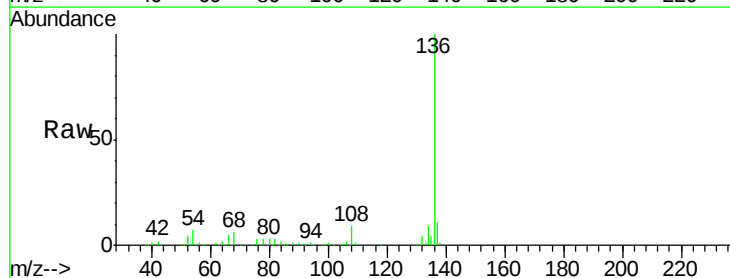
Ion Ratio Lower Upper

136 100

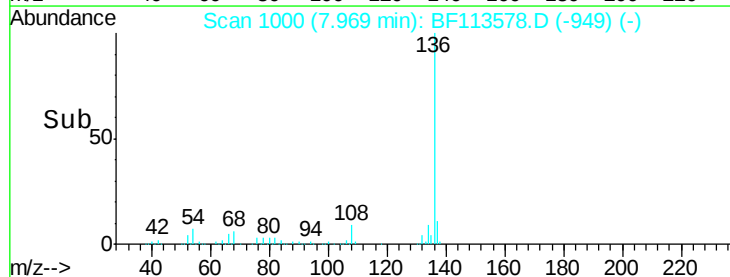
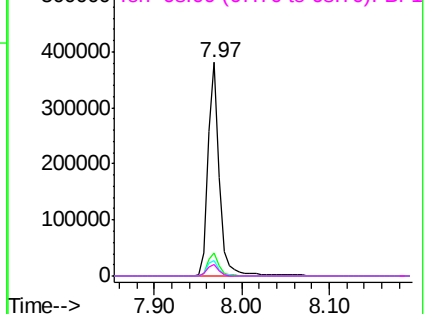
137 10.7 8.9 13.3

54 7.5 7.0 10.6

68 5.6 4.8 7.2



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

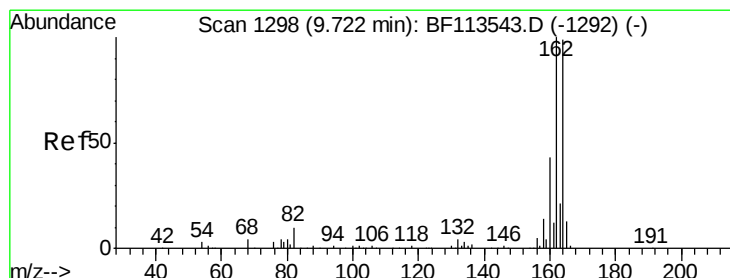
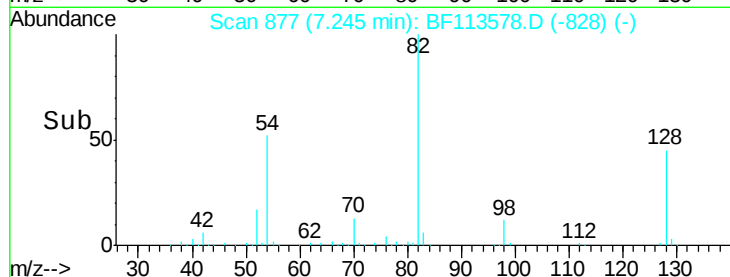
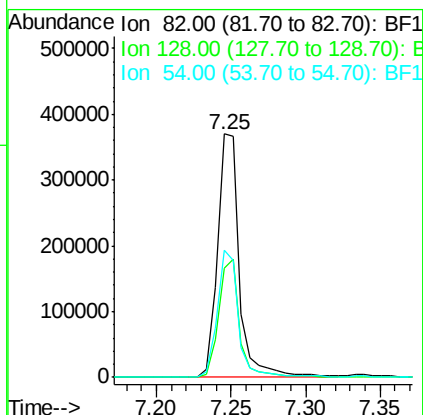
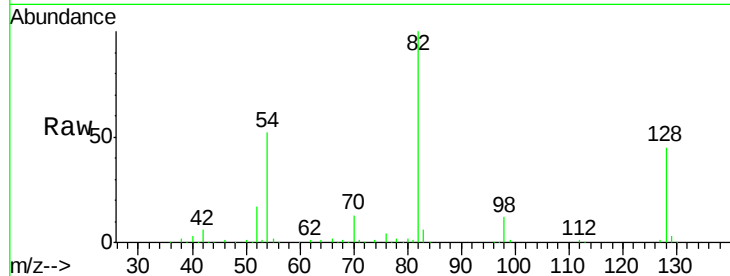




#23
 Nitrobenzene-d5
 Concen: 64.877 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113578.D
 Acq: 4 Apr 2019 8:41

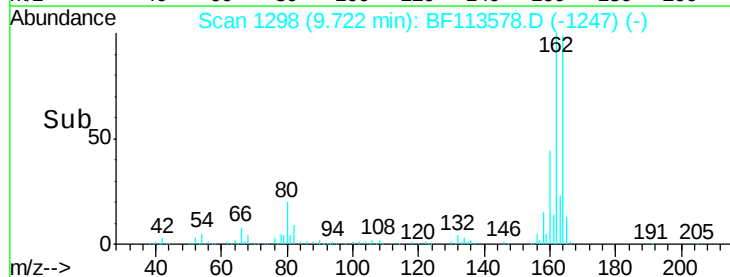
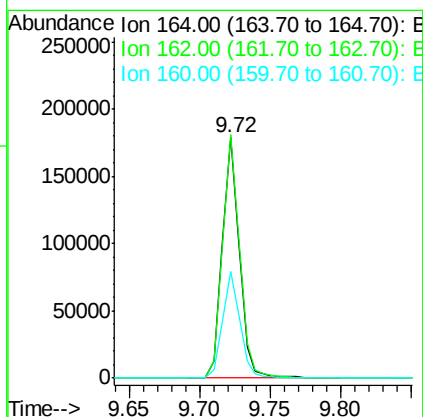
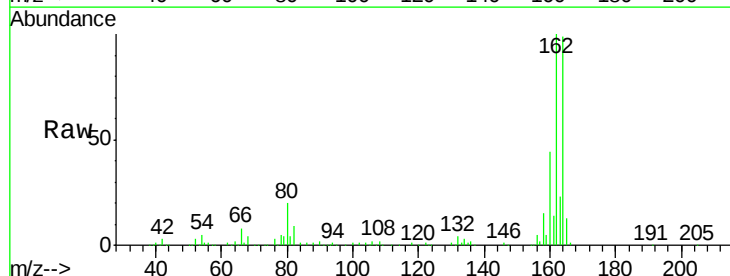
Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-13

Tgt Ion: 82 Resp: 382679
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.5 54.7
 54 52.0 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF113578.D
 Acq: 4 Apr 2019 8:41

Tgt Ion: 164 Resp: 150971
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.8 122.6
 160 44.6 36.4 54.6

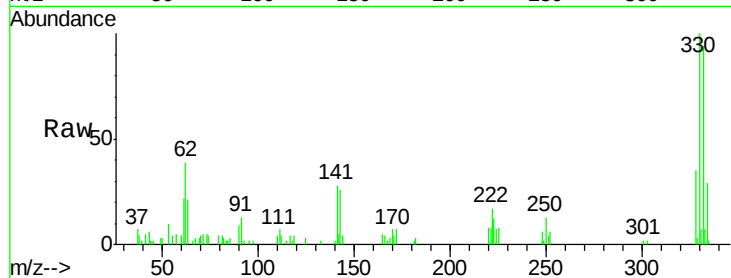




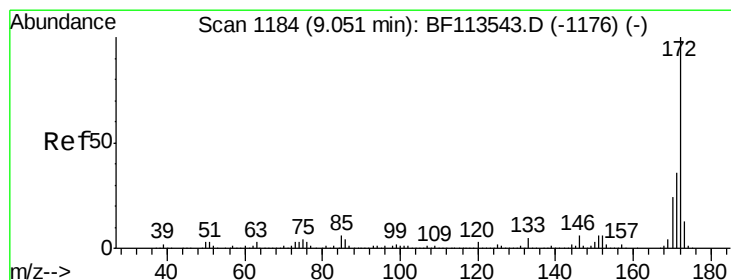
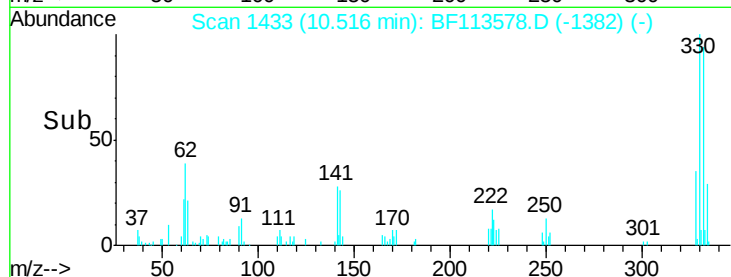
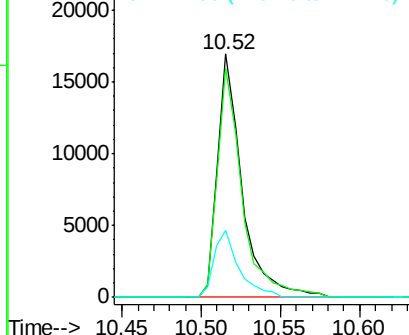
#42
 2,4,6-Tribromophenol
 Concen: 10.098 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF113578.D
 Acq: 4 Apr 2019 8:41

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-13

Tgt Ion:330 Resp: 18313
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.8 116.6
 141 27.9 22.7 34.1

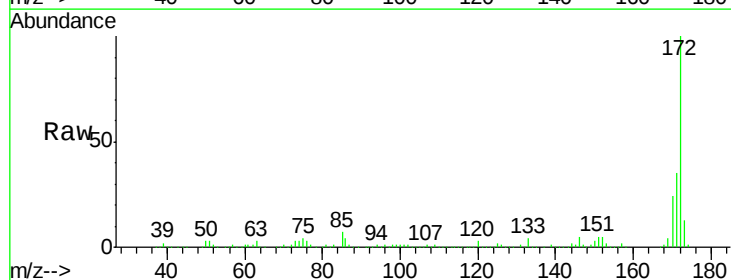


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

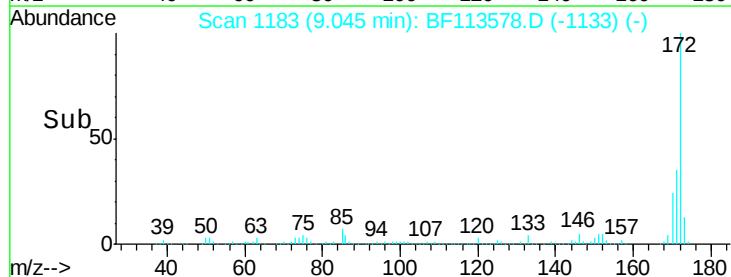
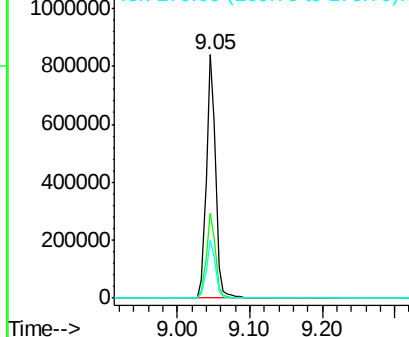


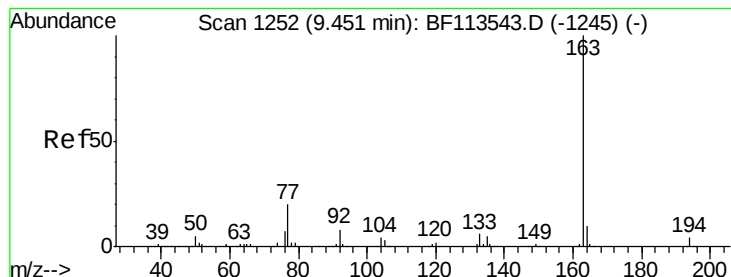
#45
 2-Fluorobiphenyl
 Concen: 79.577 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113578.D
 Acq: 4 Apr 2019 8:41

Tgt Ion:172 Resp: 746248
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.0 43.6
 170 24.0 19.5 29.3



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: 2.952 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113578.D

Acq: 4 Apr 2019 8:41

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-13

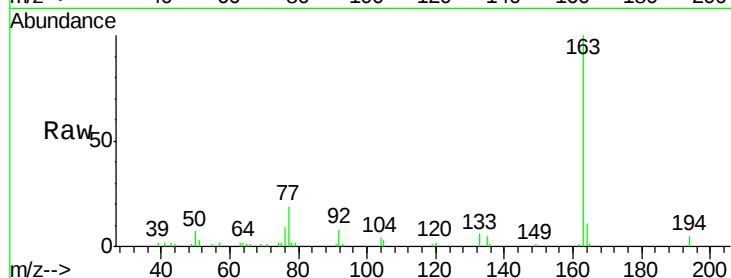
Tgt Ion:163 Resp: 32851

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.6#

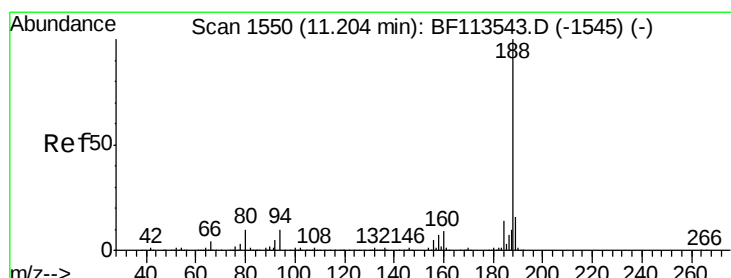
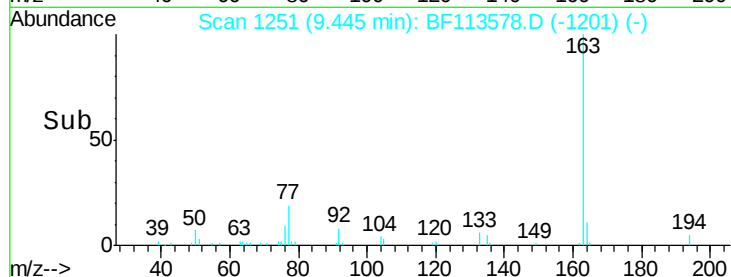
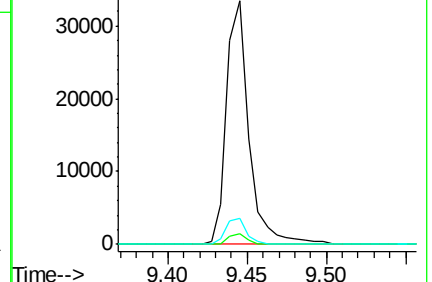
164 10.8 8.1 12.1



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: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF113578.D

Acq: 4 Apr 2019 8:41

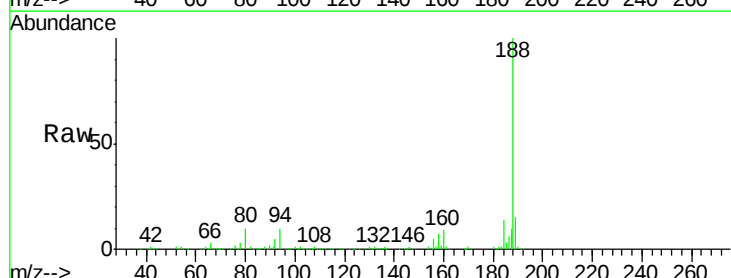
Tgt Ion:188 Resp: 314150

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

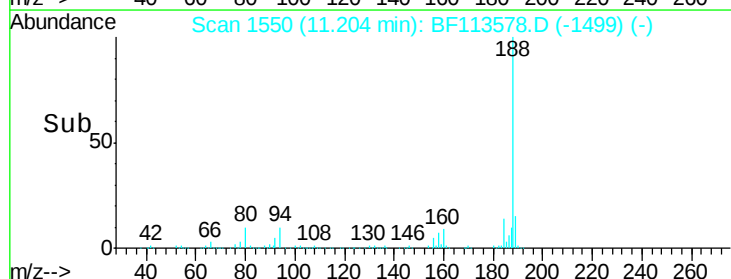
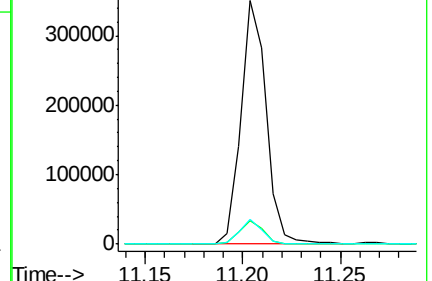
80 10.3 7.7 11.5

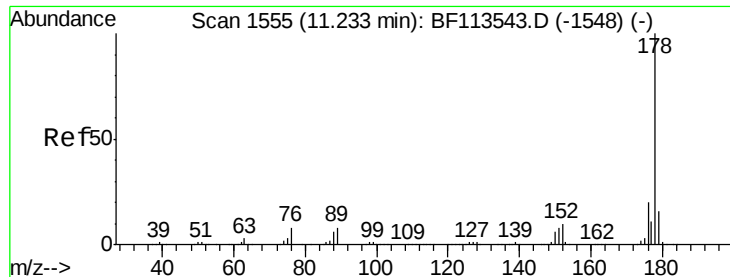


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.177 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF113578.D

Acq: 4 Apr 2019 8:41

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-13

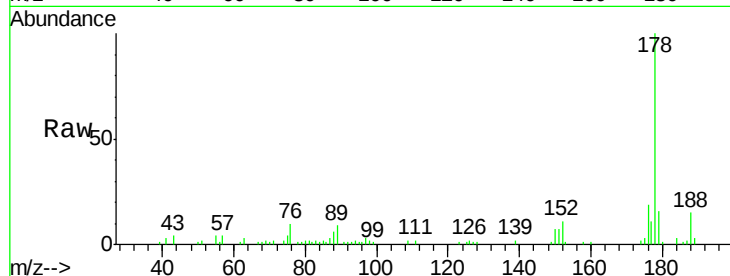
Tgt Ion:178 Resp: 33981

Ion Ratio Lower Upper

178 100

176 19.2 16.2 24.2

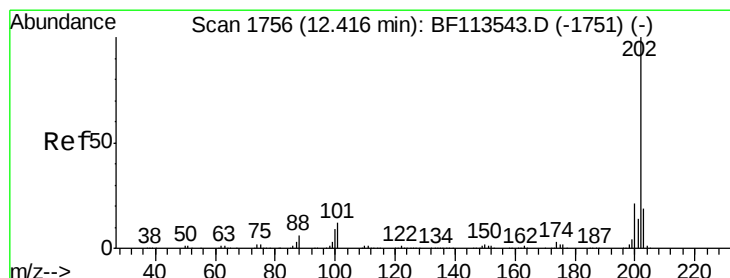
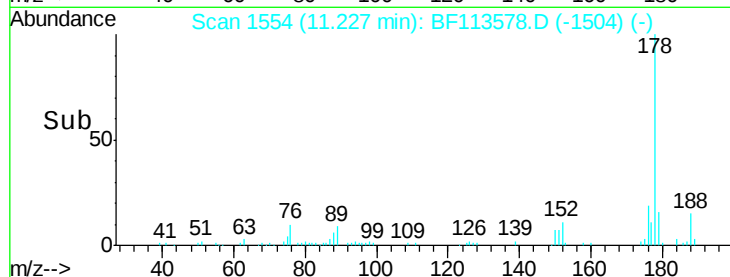
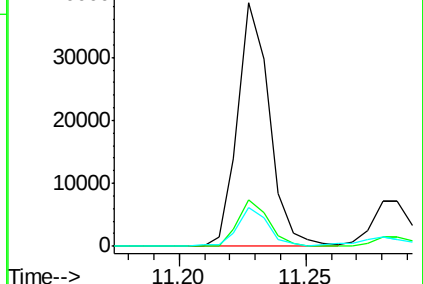
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.537 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF113578.D

Acq: 4 Apr 2019 8:41

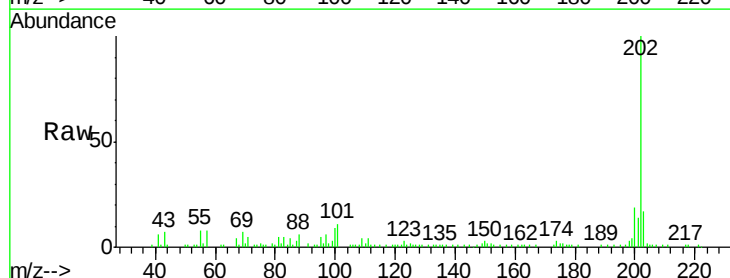
Tgt Ion:202 Resp: 59158

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.4

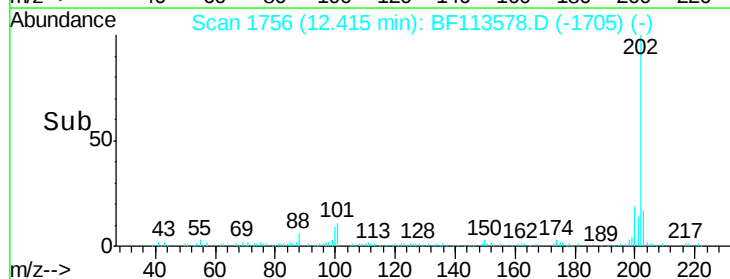
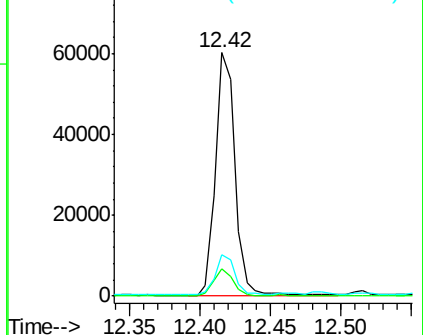
203 17.1 0.0 38.0

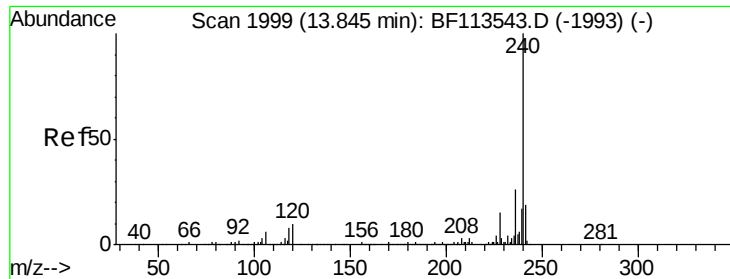


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

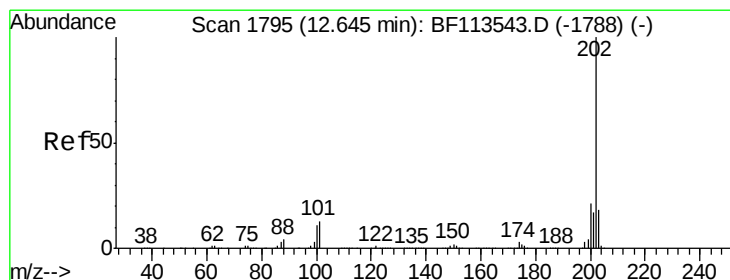
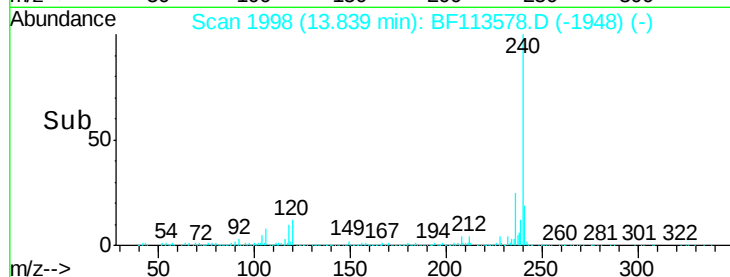
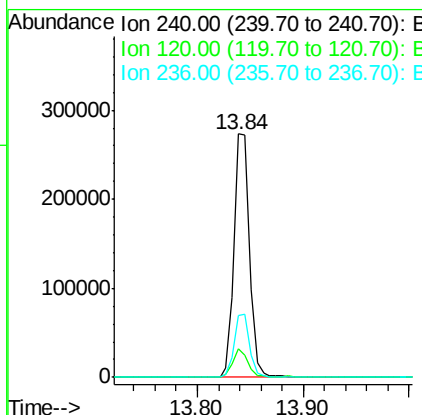
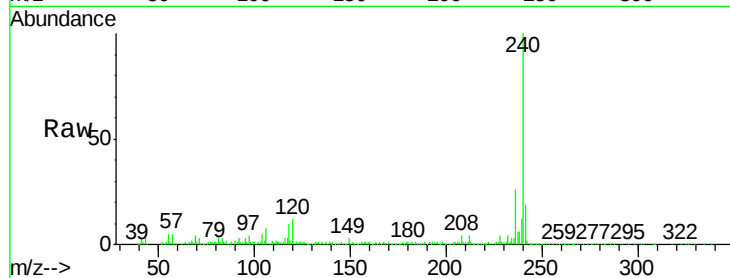




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113578.D
Acq: 4 Apr 2019 8:41

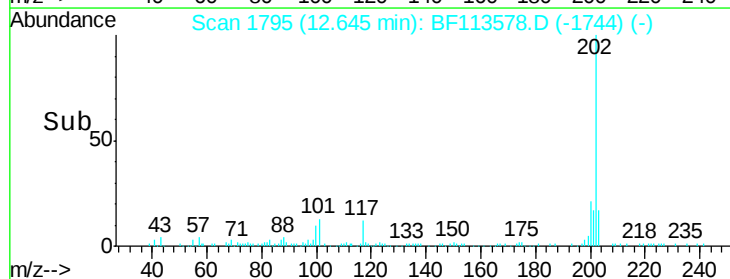
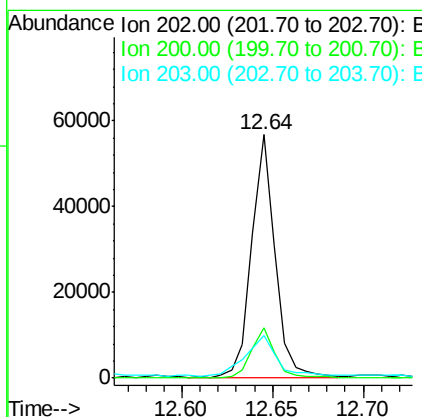
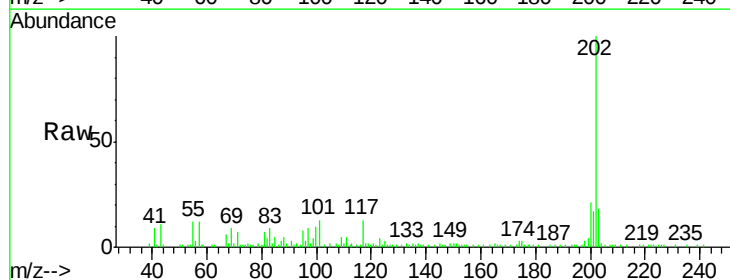
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-13

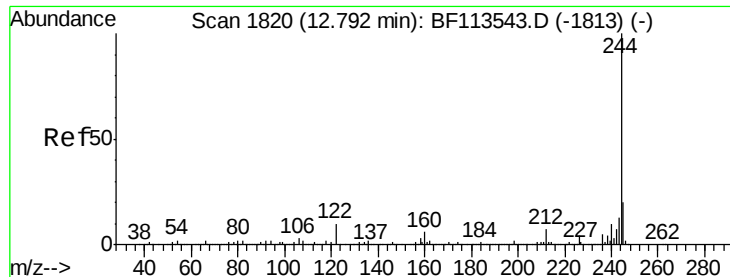
Tgt Ion:240 Resp: 275094
Ion Ratio Lower Upper
240 100
120 12.0 8.8 13.2
236 25.6 20.9 31.3



#78
Pyrene
Concen: 2.475 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BF113578.D
Acq: 4 Apr 2019 8:41

Tgt Ion:202 Resp: 51812
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 67.961 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113578.D

Acq: 4 Apr 2019 8:41

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-13

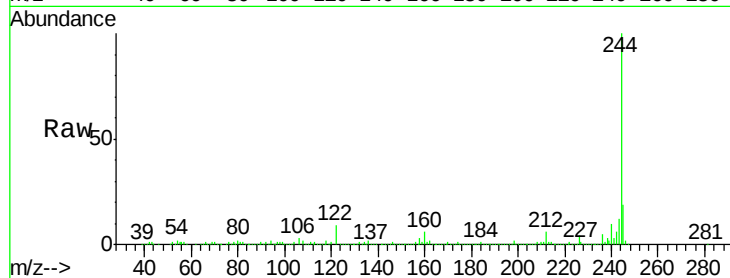
Tgt Ion:244 Resp: 918254

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

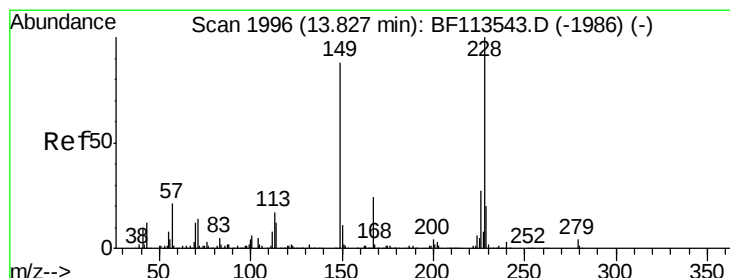
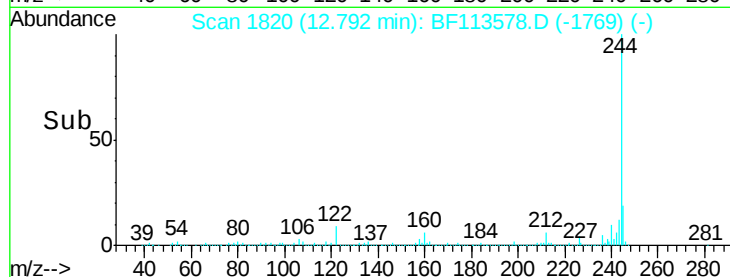
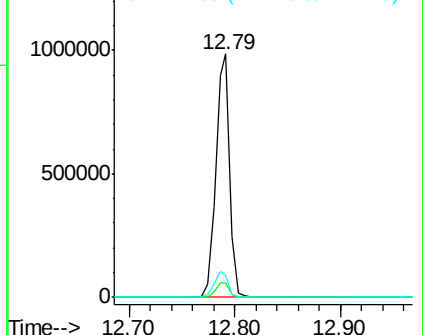
122 9.2 8.6 13.0



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: 7.068 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113578.D

Acq: 4 Apr 2019 8:41

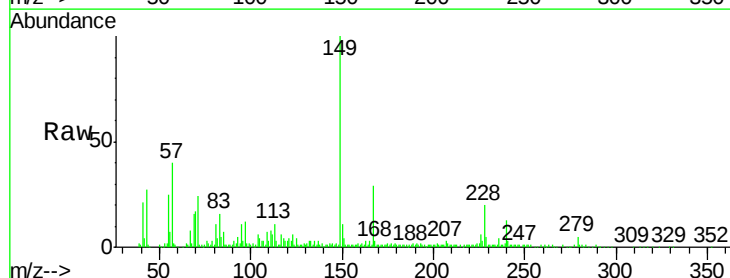
Tgt Ion:149 Resp: 72807

Ion Ratio Lower Upper

149 100

167 29.3 21.8 32.8

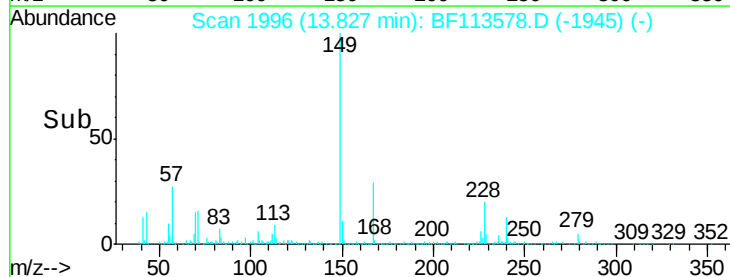
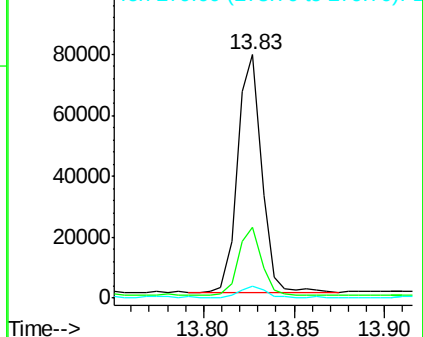
279 4.7 2.9 4.3#

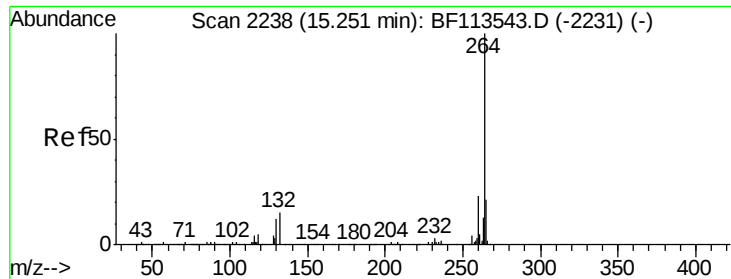


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

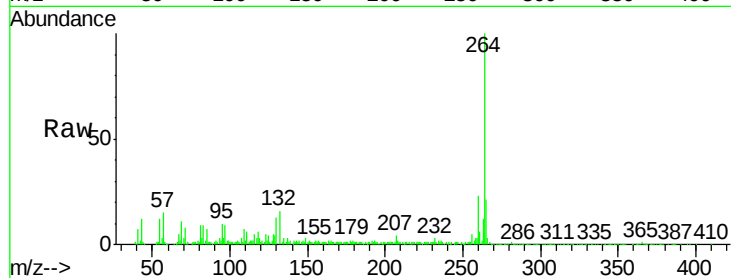




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113578.D
Acq: 4 Apr 2019 8:41

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.2	17.1	25.7



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

