

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113576.D
 Acq On : 4 Apr 2019 7:44
 Operator : JU/SJ
 Sample : K2232-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-12

Quant Time: Apr 04 09:11:24 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

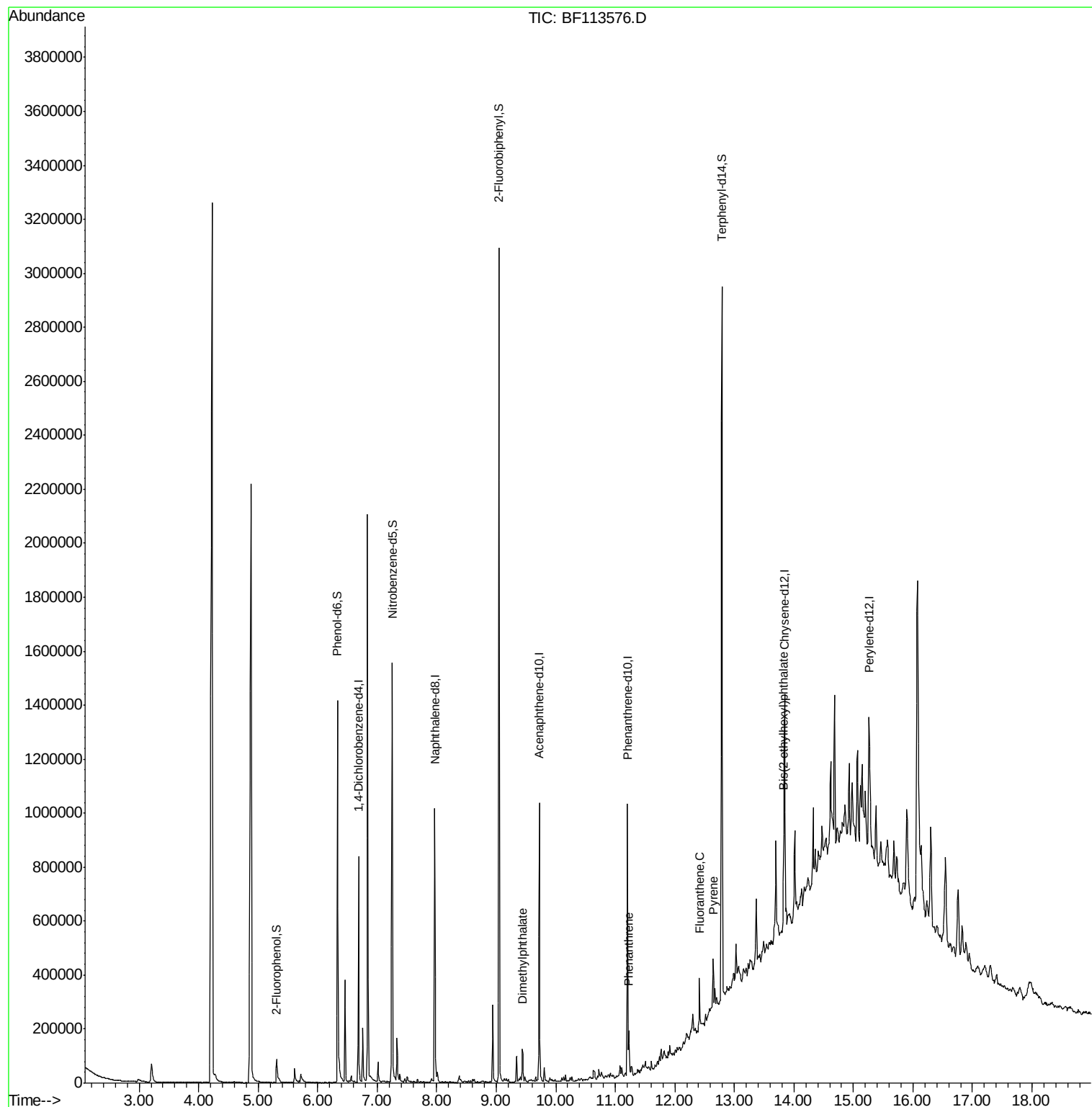
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	130909	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	461697	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	195017	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	365725	20.00	ng	0.00
76) Chrysene-d12	13.84	240	298458	20.00	ng	0.00
87) Perylene-d12	15.26	264	219622	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	42816	5.58	ng	0.01
7) Phenol-d6	6.33	99	540768	57.15	ng	0.00
23) Nitrobenzene-d5	7.25	82	499771	63.41	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	112	0.05	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	955214	78.85	ng	0.00
79) Terphenyl-d14	12.79	244	956350	65.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	54399	3.784	ng	Qvalue 100
71) Phenanthrene	11.23	178	55425	3.050	ng	99
75) Fluoranthene	12.42	202	76684	3.938	ng	99
78) Pyrene	12.64	202	65781	2.897	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	82234	7.358	ng	# 97

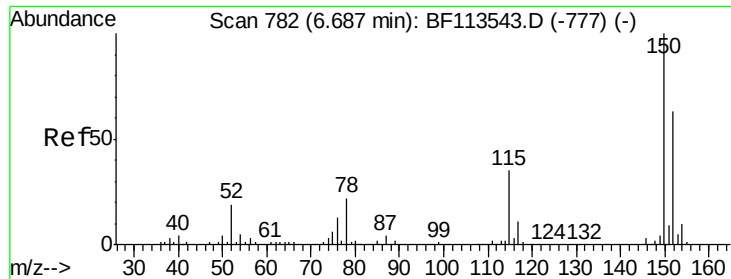
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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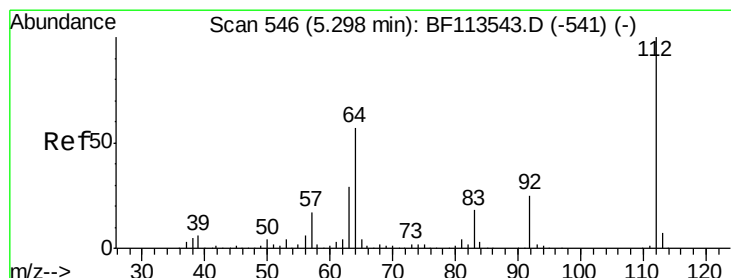
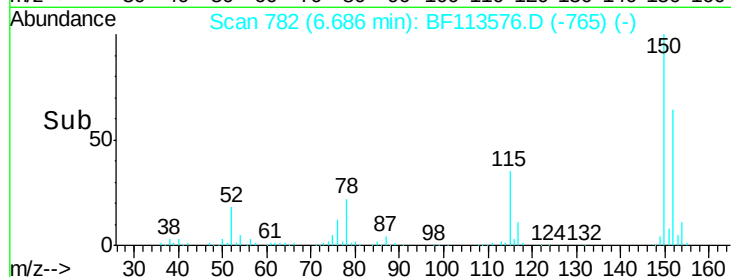
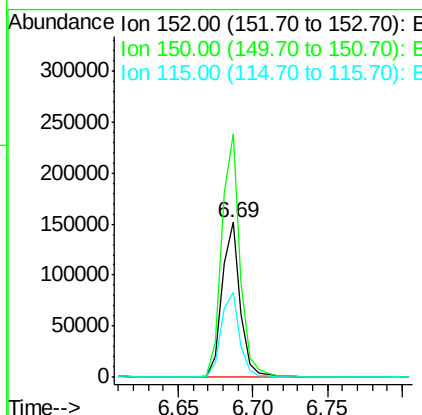
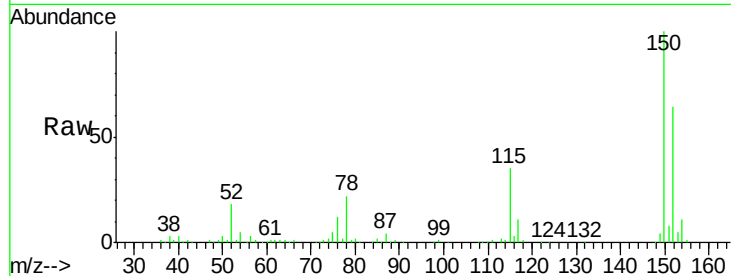




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF113576.D
 Acq: 4 Apr 2019 7:44

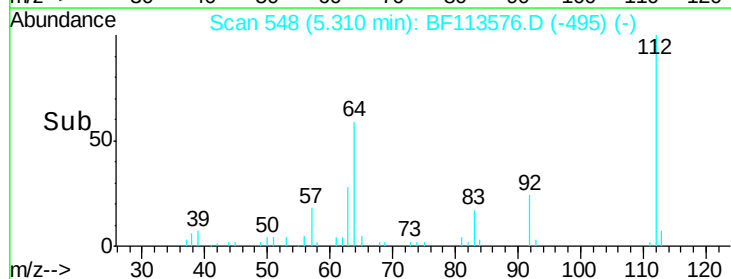
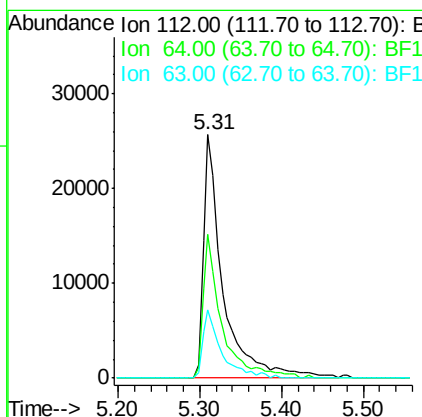
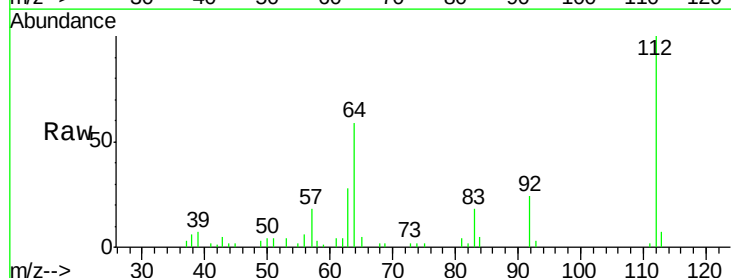
Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-12

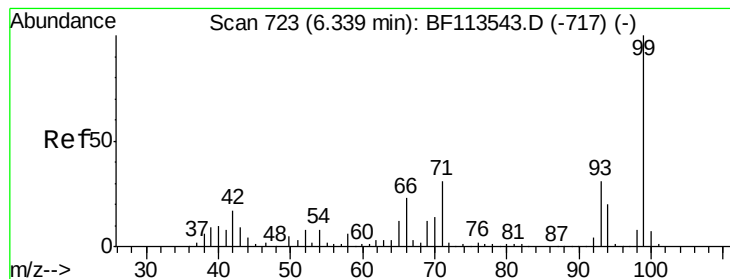
Tgt Ion:152 Resp: 130909
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.7 187.1
 115 54.6 46.0 69.0



#5
 2-Fluorophenol
 Concen: 5.577 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF113576.D
 Acq: 4 Apr 2019 7:44

Tgt Ion:112 Resp: 42816
 Ion Ratio Lower Upper
 112 100
 64 59.3 49.2 73.8
 63 28.2 24.9 37.3





#7

Phenol-d6

Concen: 57.153 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113576.D

Acq: 4 Apr 2019 7:44

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-12

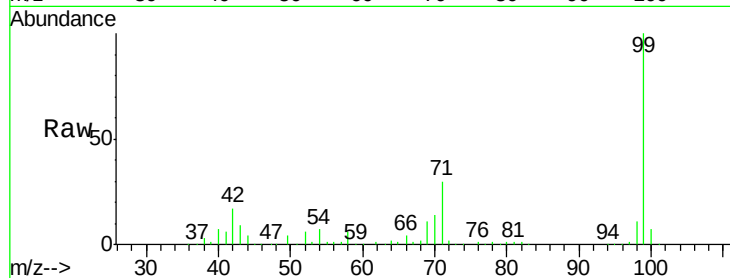
Tgt Ion: 99 Resp: 540768

Ion Ratio Lower Upper

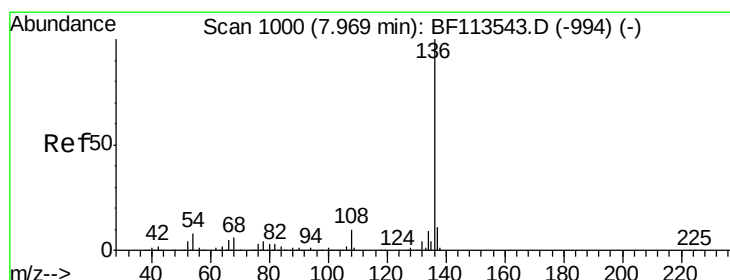
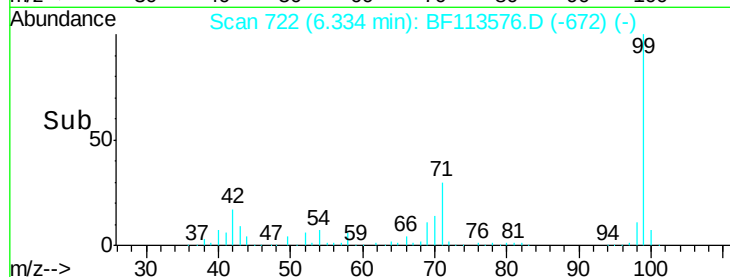
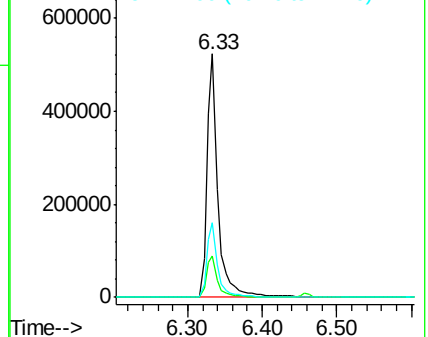
99 100

42 17.1 14.8 22.2

71 30.4 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: BF113576.D

Acq: 4 Apr 2019 7:44

Tgt Ion: 136 Resp: 461697

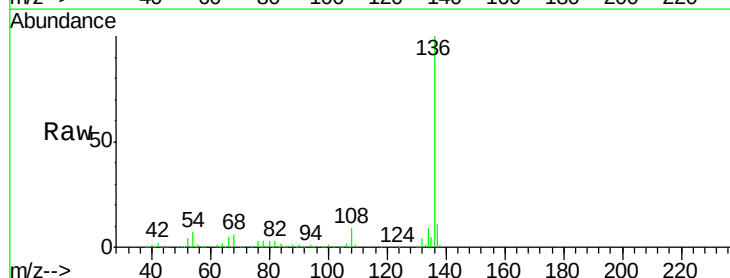
Ion Ratio Lower Upper

136 100

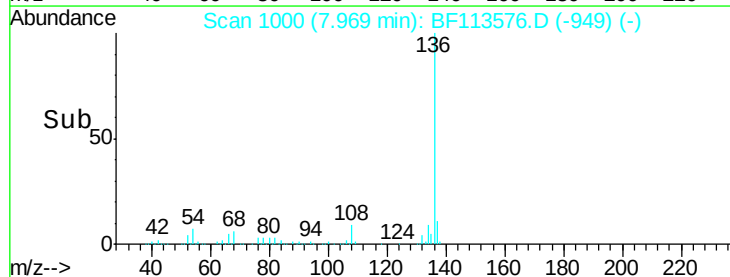
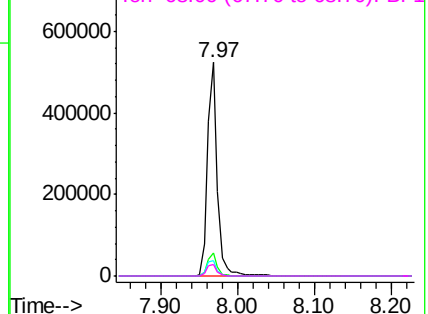
137 11.0 8.9 13.3

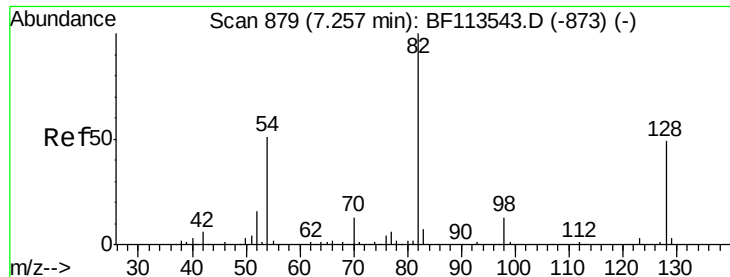
54 7.5 7.0 10.6

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

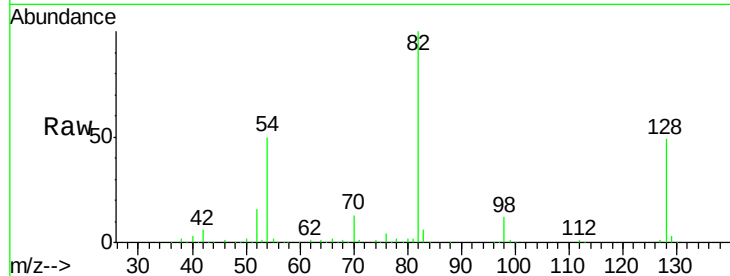




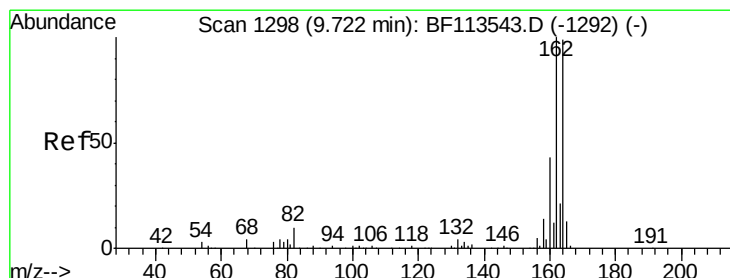
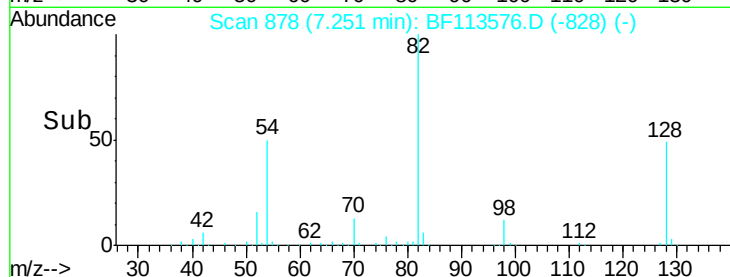
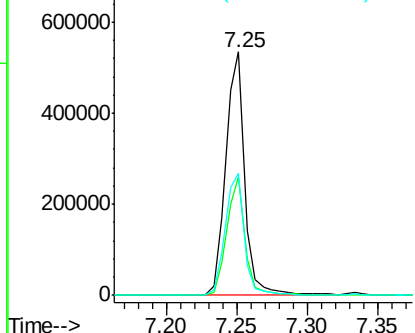
#23
 Nitrobenzene-d5
 Concen: 63.406 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113576.D
 Acq: 4 Apr 2019 7:44

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-12

Tgt Ion: 82 Resp: 499771
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.5 54.7
 54 50.4 42.2 63.2

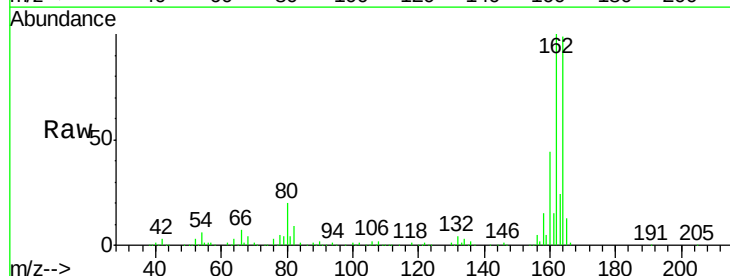


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

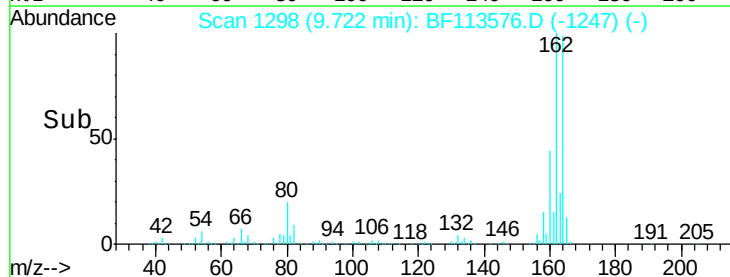
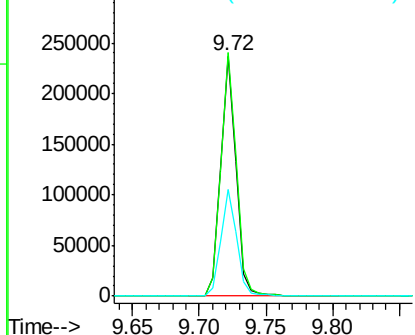


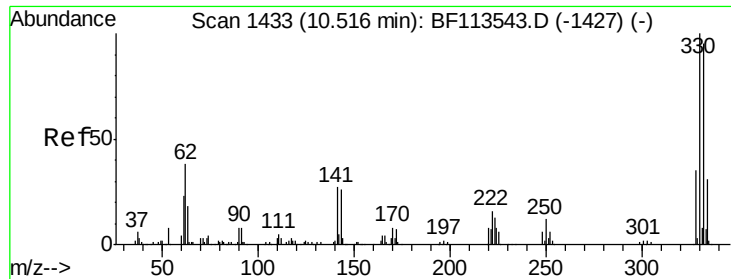
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF113576.D
 Acq: 4 Apr 2019 7:44

Tgt Ion: 164 Resp: 195017
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.8 122.6
 160 44.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 0.048 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF113576.D

Acq: 4 Apr 2019 7:44

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-12

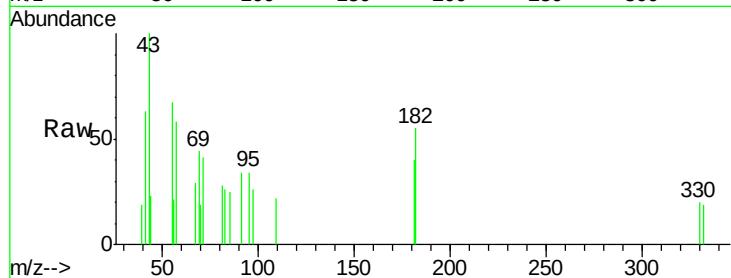
Tgt Ion:330 Resp: 112

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

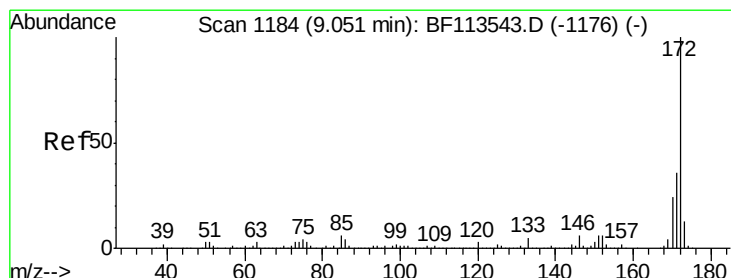
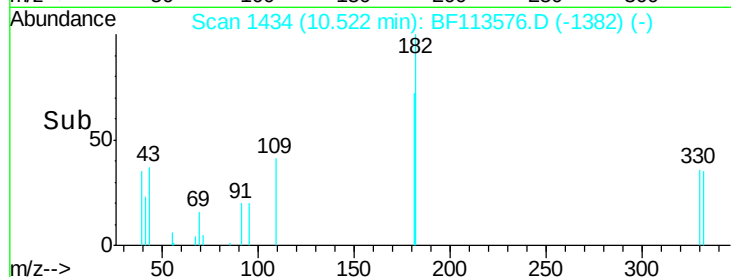
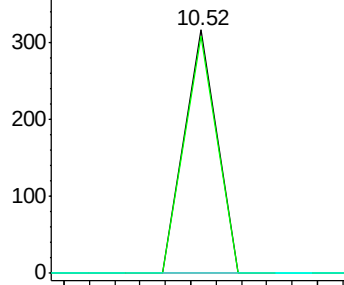
141 0.0 22.7 34.1#



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: 78.854 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF113576.D

Acq: 4 Apr 2019 7:44

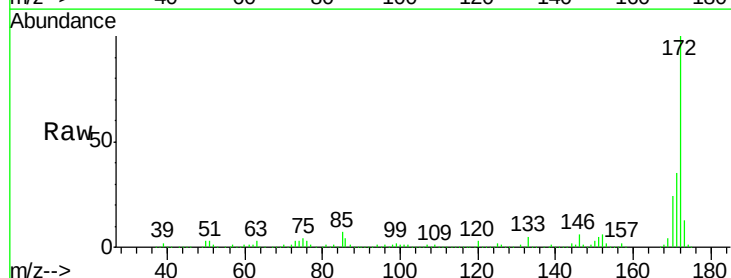
Tgt Ion:172 Resp: 955214

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

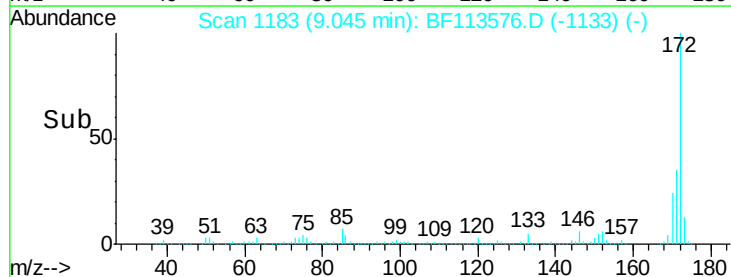
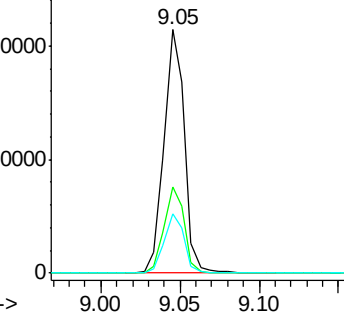
170 24.3 19.5 29.3

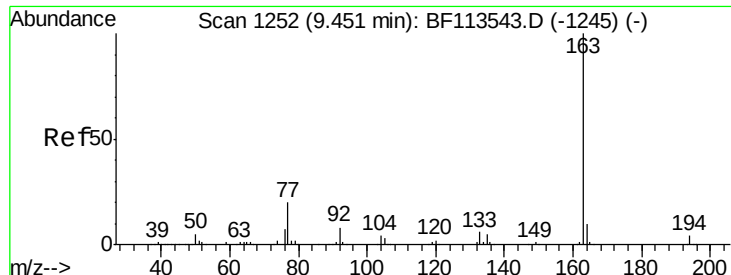


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

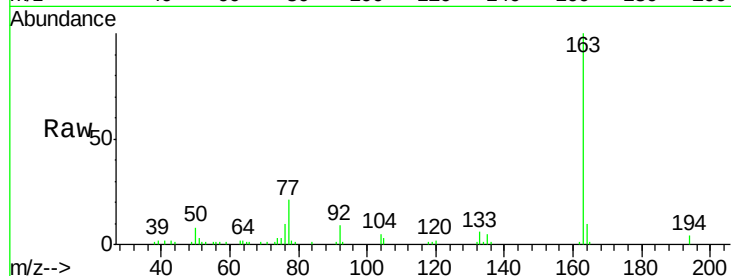




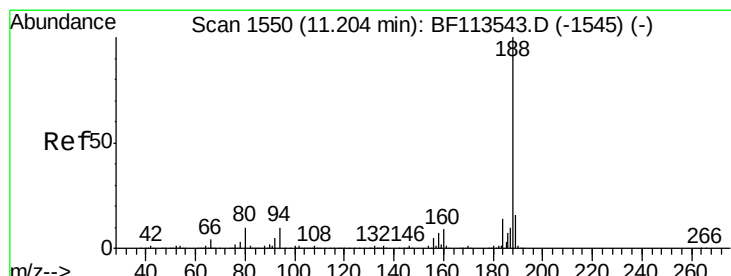
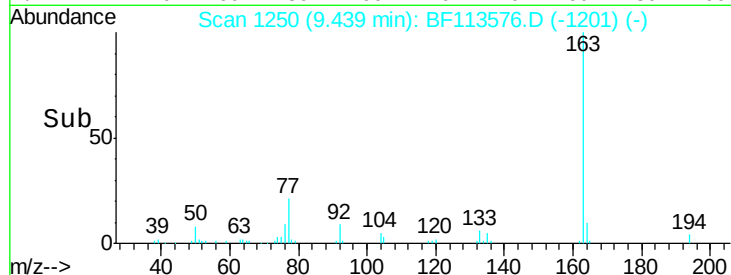
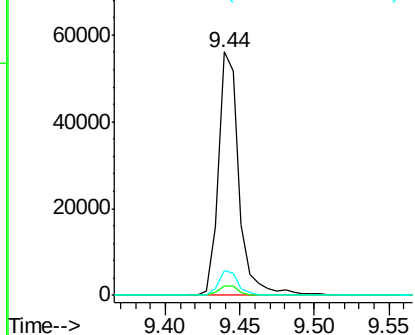
#50
Dimethylphthalate
Concen: 3.784 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF113576.D
Acq: 4 Apr 2019 7:44

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-12

Tgt Ion:163 Resp: 54399
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.1 12.1

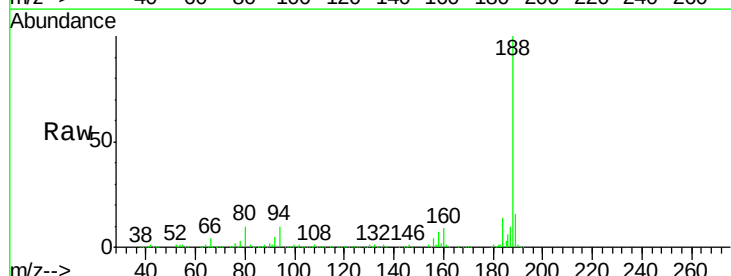


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

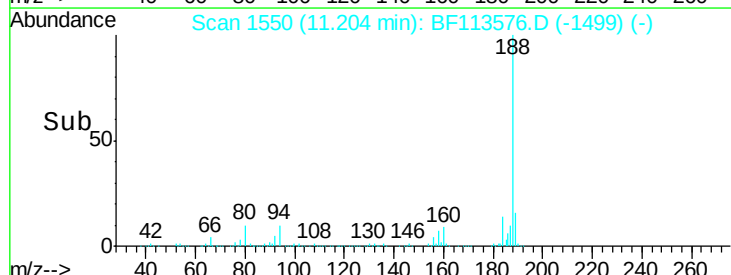
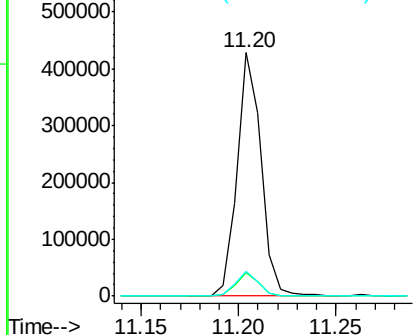


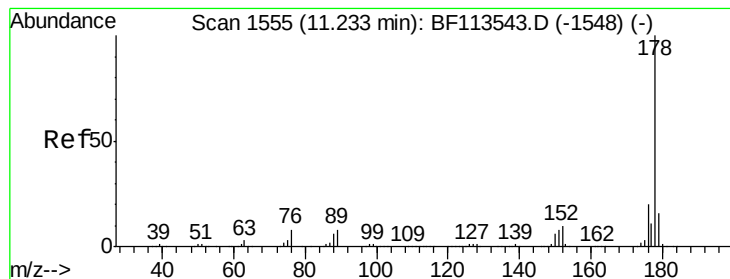
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF113576.D
Acq: 4 Apr 2019 7:44

Tgt Ion:188 Resp: 365725
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.2 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: 3.050 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF113576.D

Acq: 4 Apr 2019 7:44

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-12

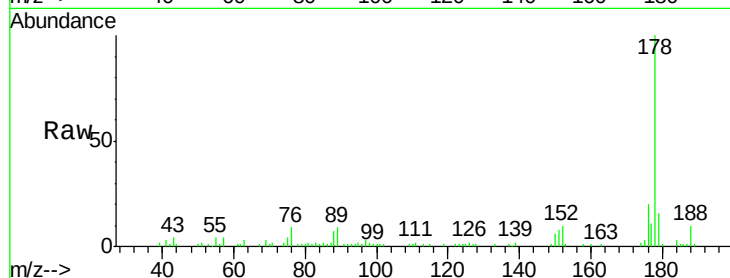
Tgt Ion:178 Resp: 55425

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.2

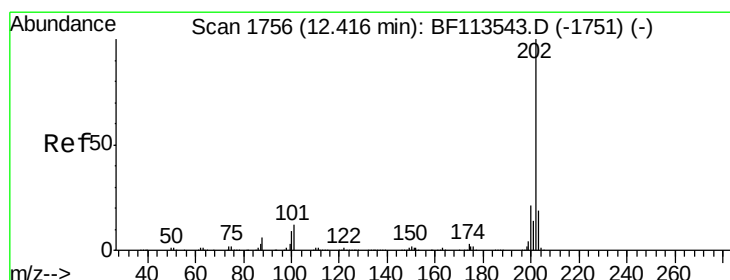
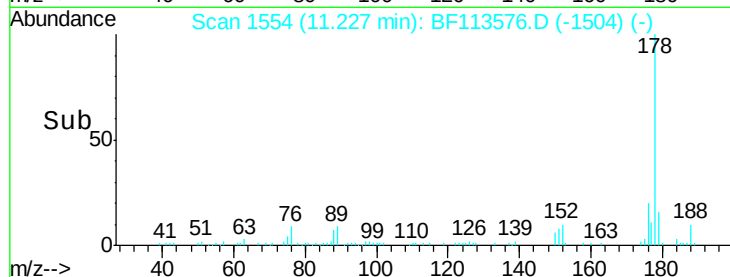
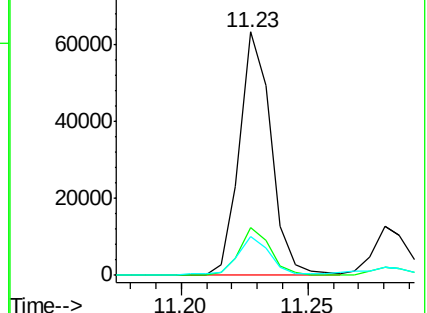
179 15.9 12.7 19.1



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: 3.938 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF113576.D

Acq: 4 Apr 2019 7:44

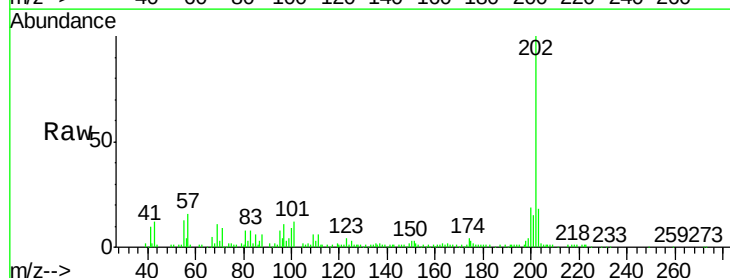
Tgt Ion:202 Resp: 76684

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.4

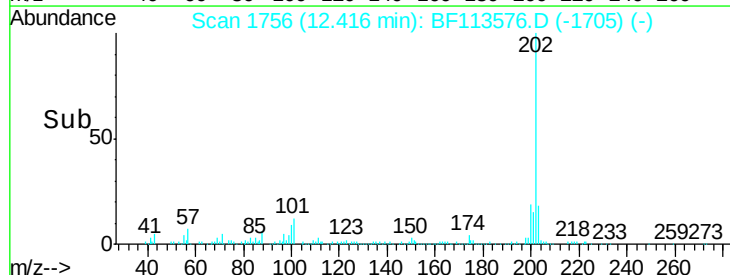
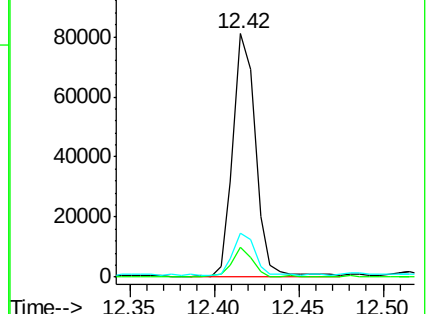
203 18.3 0.0 38.0

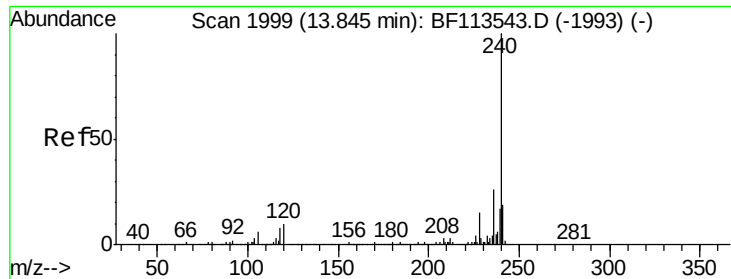


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

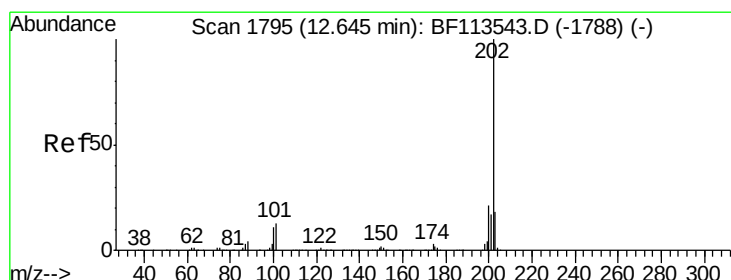
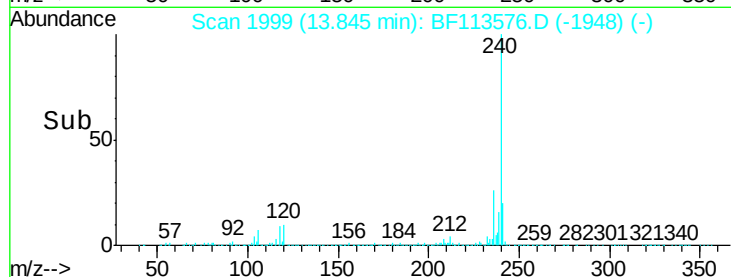
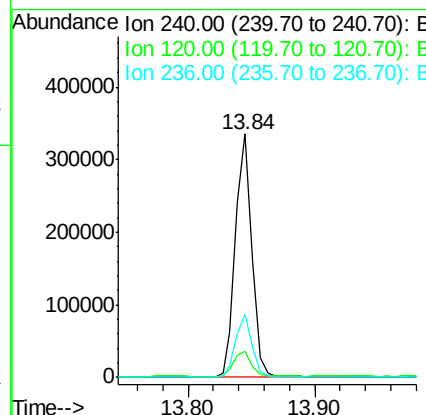
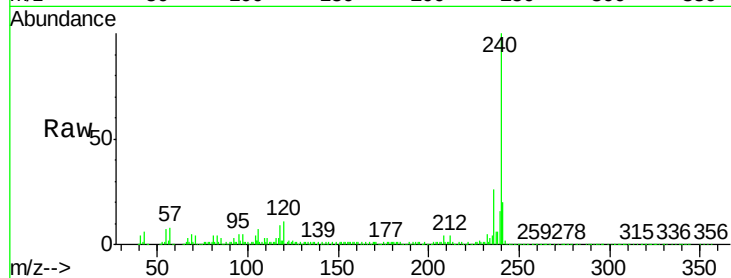




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF113576.D
Acq: 4 Apr 2019 7:44

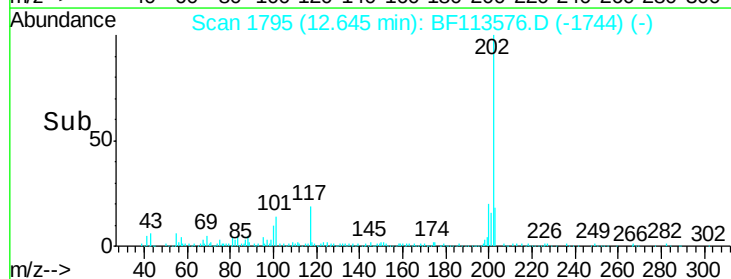
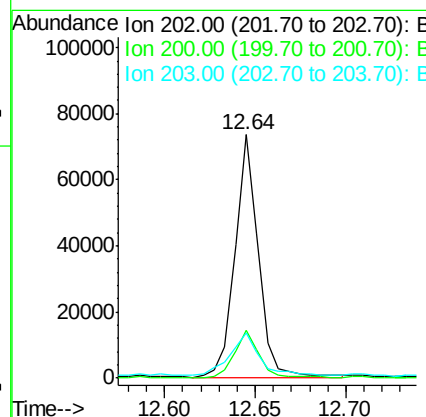
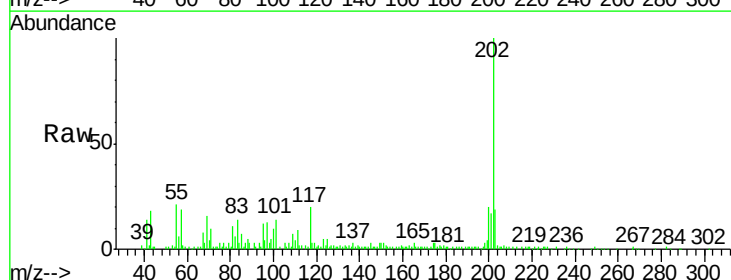
Instrument :
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ClientSampleId :
RICH-REC-ROAD-STONE-12

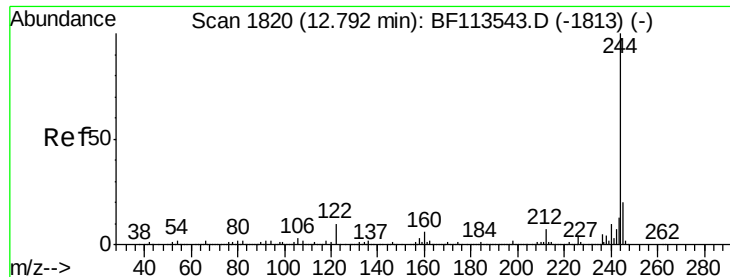
Tgt Ion:240 Resp: 298458
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.0 20.9 31.3



#78
Pyrene
Concen: 2.897 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BF113576.D
Acq: 4 Apr 2019 7:44

Tgt Ion:202 Resp: 65781
Ion Ratio Lower Upper
202 100
200 19.7 16.8 25.2
203 18.7 14.4 21.6





#79

Terphenyl-d14

Concen: 65.240 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113576.D

Acq: 4 Apr 2019 7:44

Instrument :

BNA_F

ClientSampleId :

RICH-REC-ROAD-STONE-12

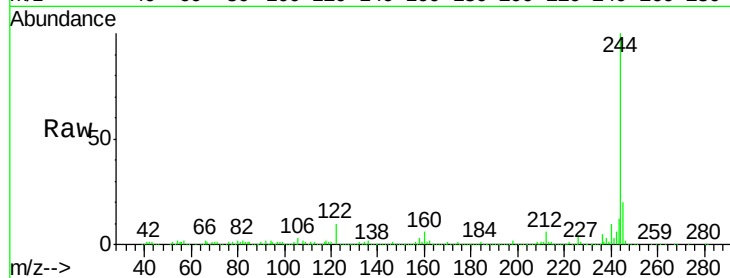
Tgt Ion:244 Resp: 956350

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

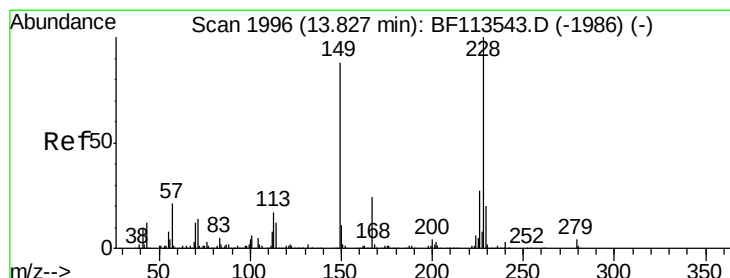
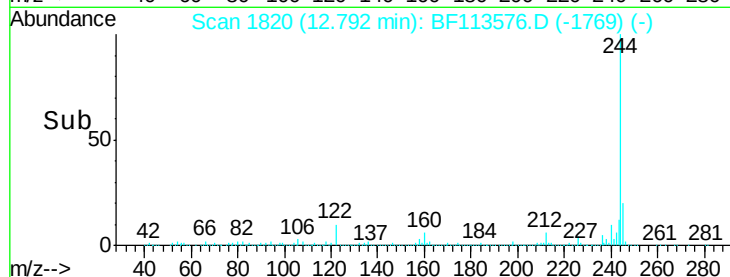
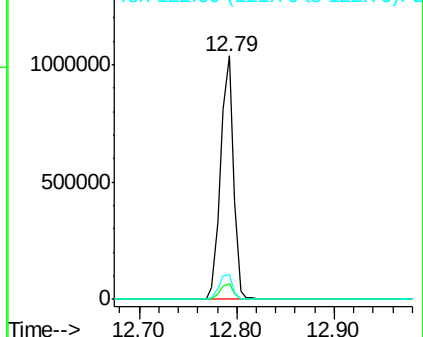
122 10.3 8.6 13.0



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: 7.358 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113576.D

Acq: 4 Apr 2019 7:44

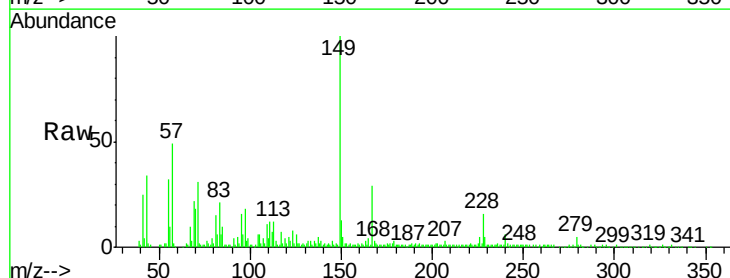
Tgt Ion:149 Resp: 82234

Ion Ratio Lower Upper

149 100

167 28.8 21.8 32.8

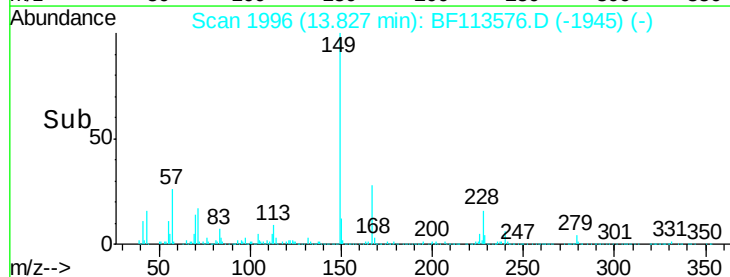
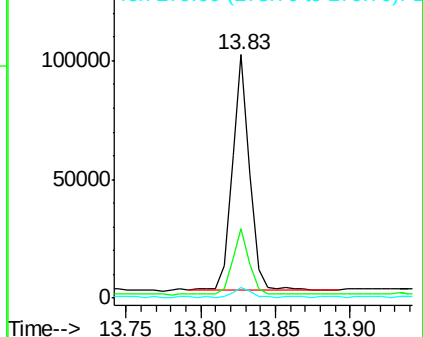
279 4.5 2.9 4.3#

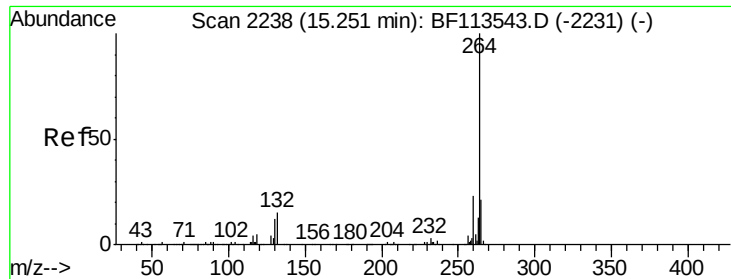


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

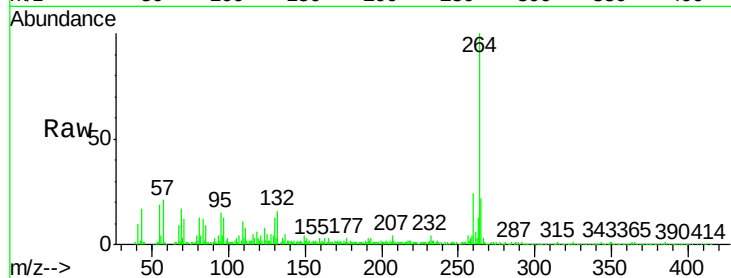




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF113576.D
Acq: 4 Apr 2019 7:44

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.6	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

