

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114412.D
 Acq On : 19 May 2019 1:52
 Operator : JU/SJ
 Sample : K2869-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-ISLANDS

Quant Time: May 20 08:15:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

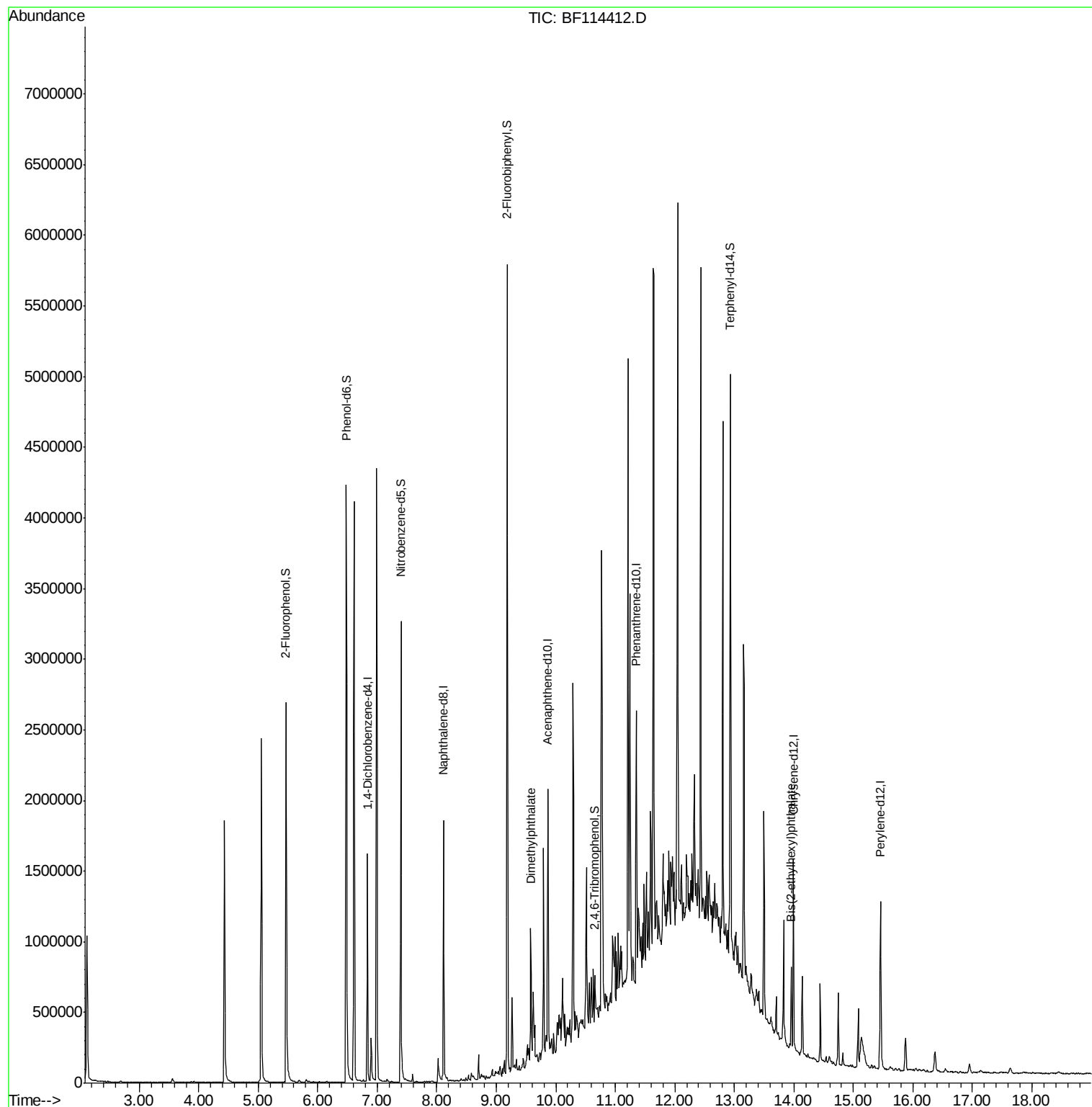
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	230517	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	846930	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	374883	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	621860	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	436674	20.00	ng	-0.03
87) Perylene-d12	15.46	264	481321	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	800027	55.85	ng	-0.01
7) Phenol-d6	6.48	99	1562629	92.23	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1054791	69.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	43701	11.28	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1833130	73.97	ng	-0.02
79) Terphenyl-d14	12.93	244	1429548	67.49	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	270301	9.822	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	150388	7.777	ng	99

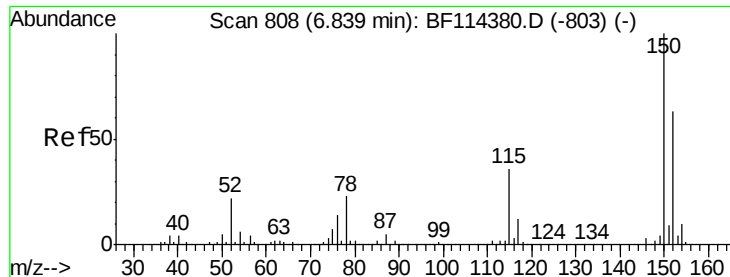
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 08:15:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
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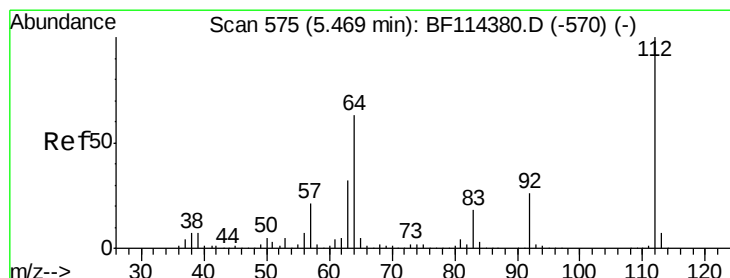
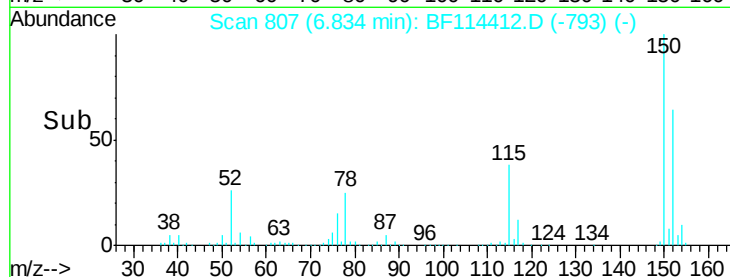
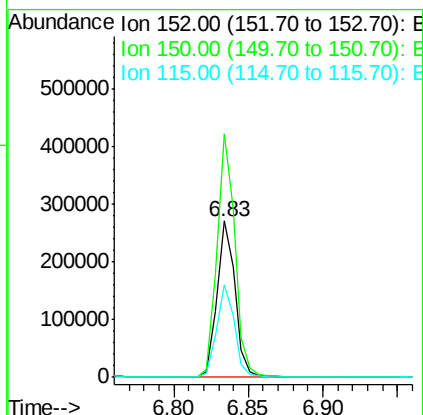
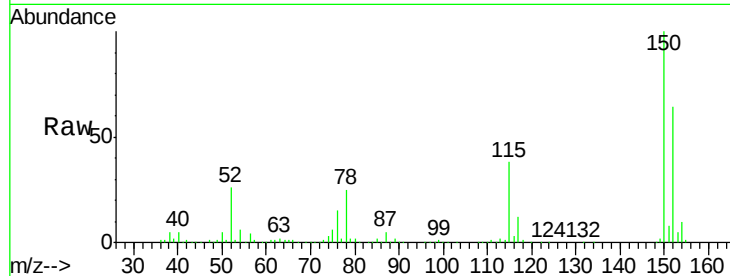


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114412.D
Acq: 19 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
CONCRETE-ISLANDS

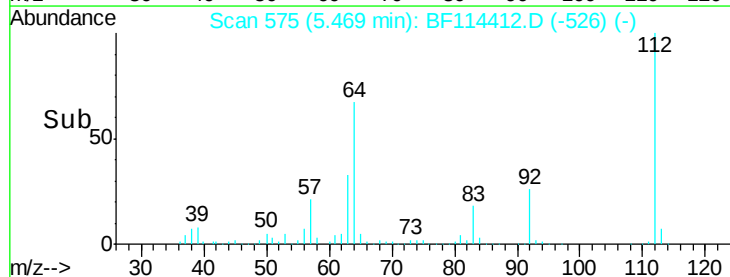
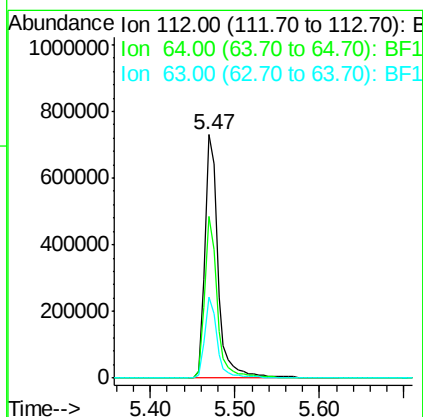
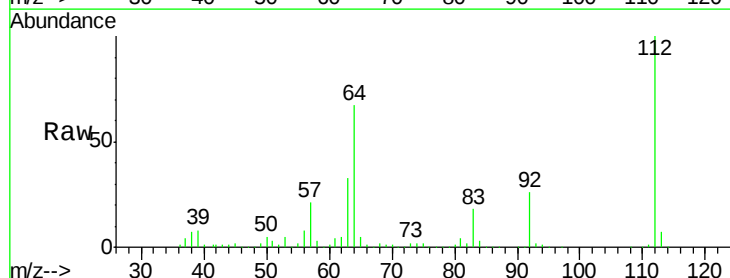
Tgt Ion:152 Resp: 230517
Ion Ratio Lower Upper
152 100
150 155.8 124.3 186.5
115 59.6 49.1 73.7



#5

2-Fluorophenol
Concen: 55.851 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF114412.D
Acq: 19 May 2019 1:52

Tgt Ion:112 Resp: 800027
Ion Ratio Lower Upper
112 100
64 66.6 49.0 73.6
63 33.1 24.6 37.0





#7

Phenol-d6

Concen: 92.234 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

Instrument :

BNA_F

ClientSampleId :

CONCRETE-ISLANDS

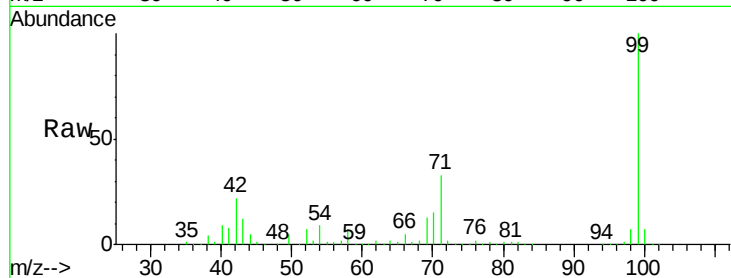
Tgt Ion: 99 Resp: 1562629

Ion Ratio Lower Upper

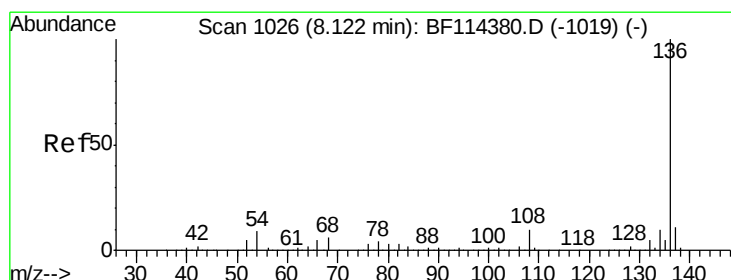
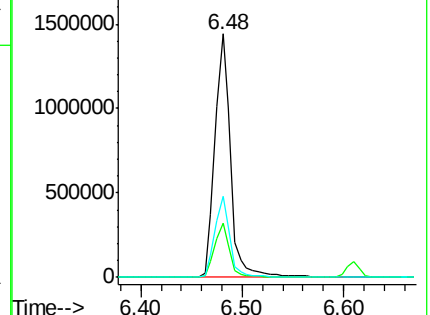
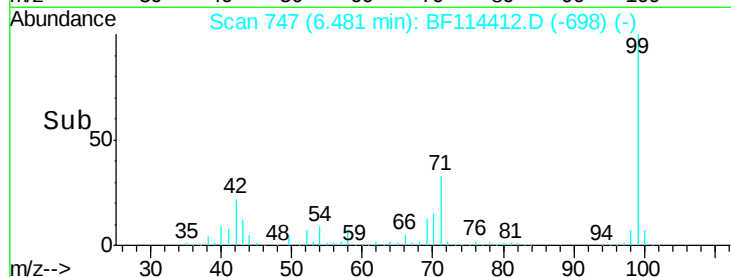
99 100

42 22.4 17.9 26.9

71 33.2 26.2 39.2



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

Tgt Ion: 136 Resp: 846930

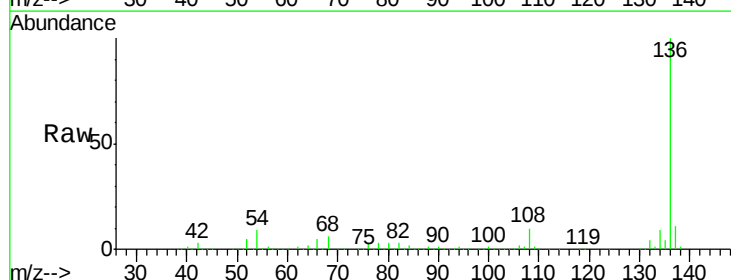
Ion Ratio Lower Upper

136 100

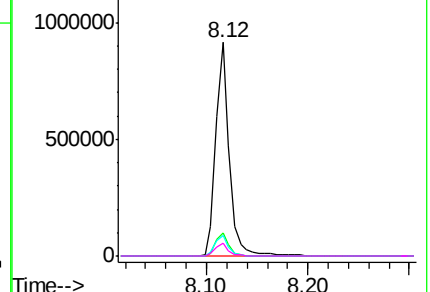
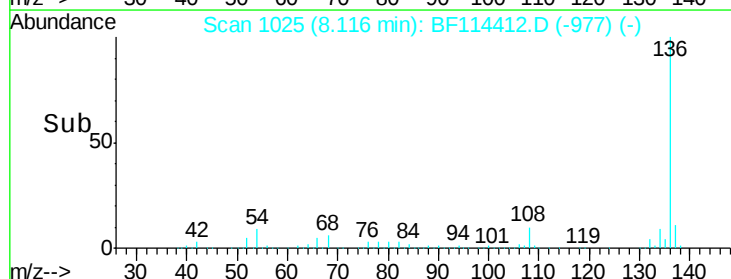
137 11.0 8.8 13.2

54 9.4 7.8 11.8

68 6.1 5.1 7.7



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

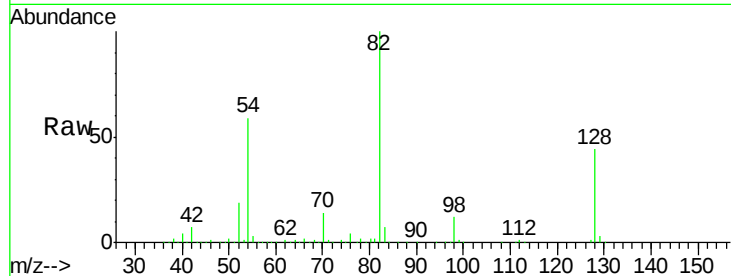




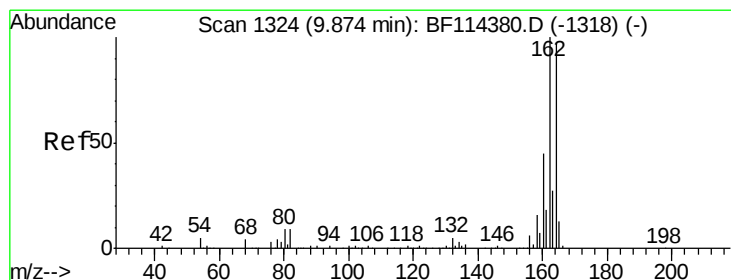
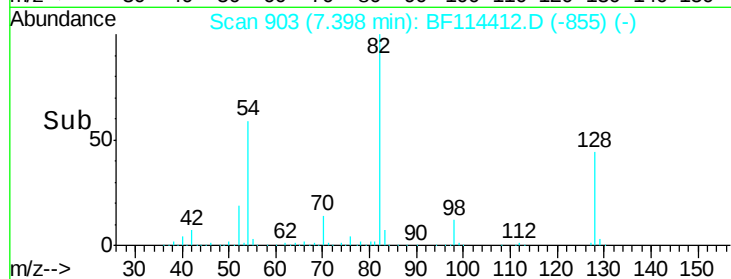
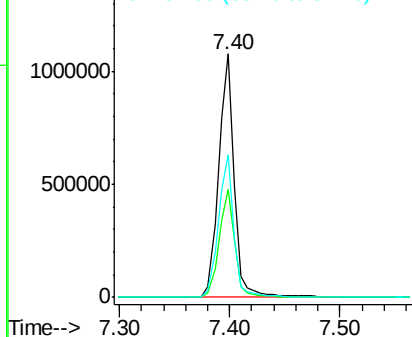
#23
Nitrobenzene-d5
Concen: 69.894 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114412.D
Acq: 19 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :
CONCRETE-ISLANDS

Tgt Ion: 82 Resp: 1054791
Ion Ratio Lower Upper
82 100
128 44.5 35.5 53.3
54 58.7 48.5 72.7

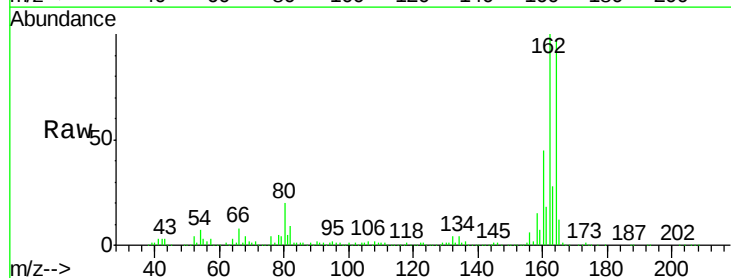


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

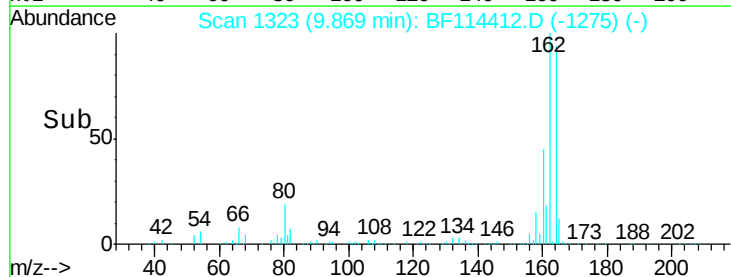
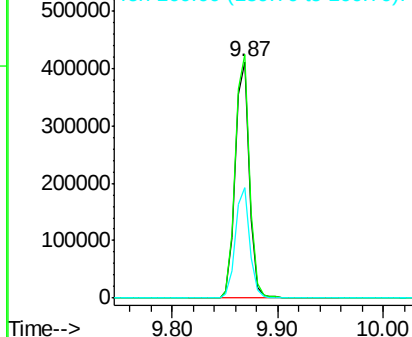


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114412.D
Acq: 19 May 2019 1:52

Tgt Ion: 164 Resp: 374883
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 46.8 36.5 54.7



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

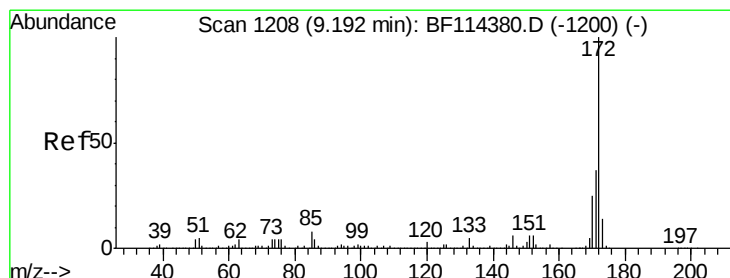
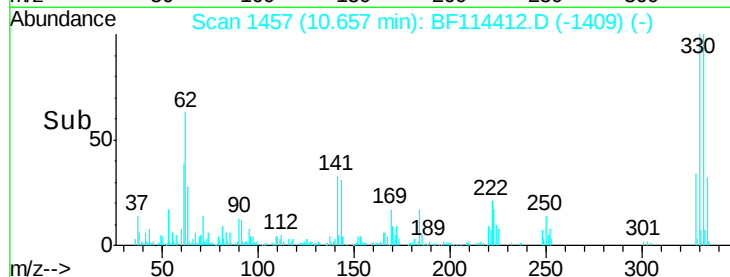
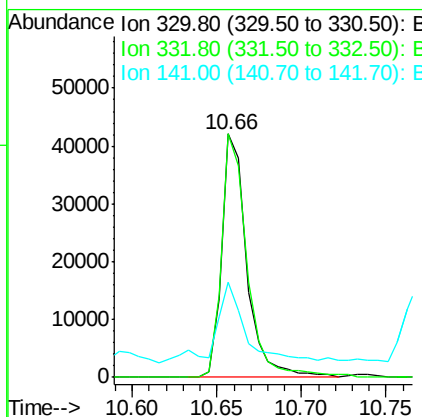
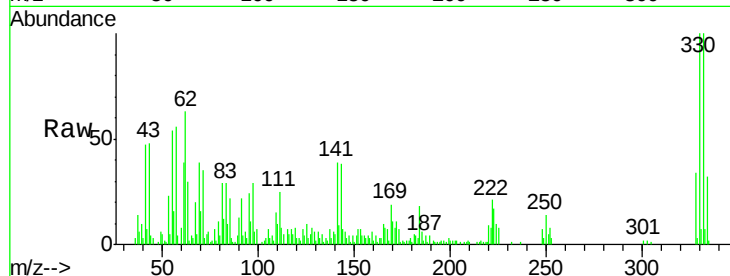




#42
 2,4,6-Tribromophenol
 Concen: 11.276 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114412.D
 Acq: 19 May 2019 1:52

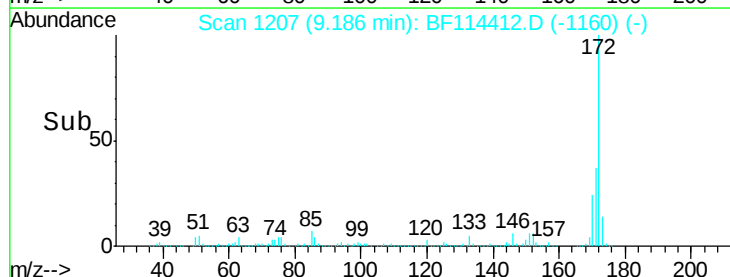
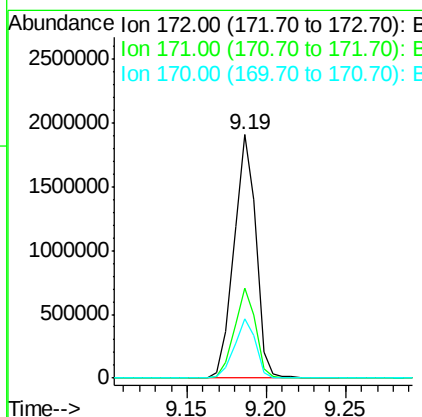
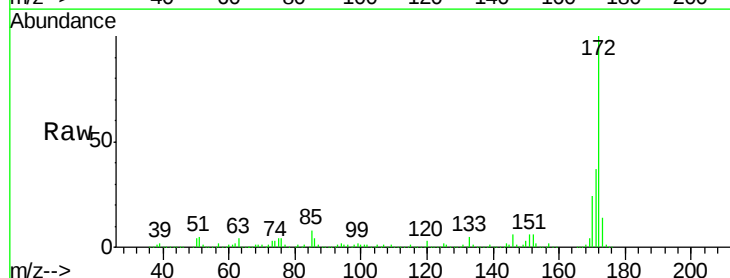
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-ISLANDS

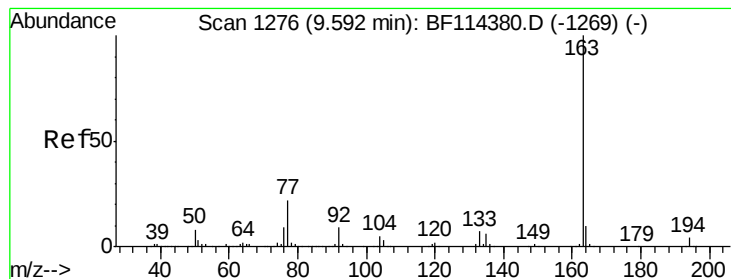
Tgt Ion:330 Resp: 43701
 Ion Ratio Lower Upper
 330 100
 332 101.9 81.4 122.2
 141 40.9 26.6 40.0#



#45
 2-Fluorobiphenyl
 Concen: 73.967 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114412.D
 Acq: 19 May 2019 1:52

Tgt Ion:172 Resp: 1833130
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.7 46.1
 170 24.2 20.5 30.7





#50

Dimethylphthalate

Concen: 9.822 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

Instrument :

BNA_F

ClientSampleId :

CONCRETE-ISLANDS

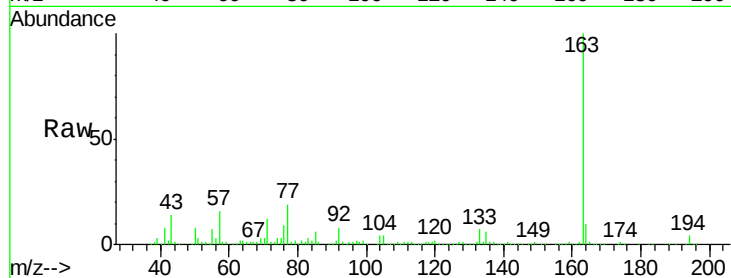
Tgt Ion:163 Resp: 270301

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

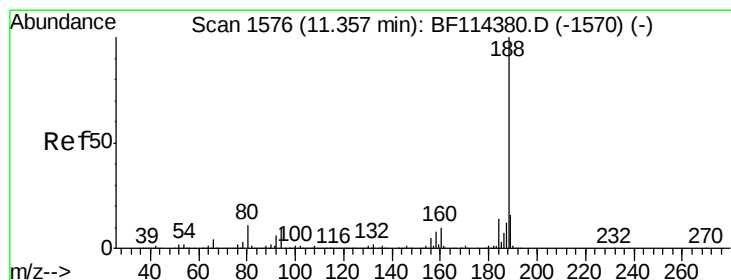
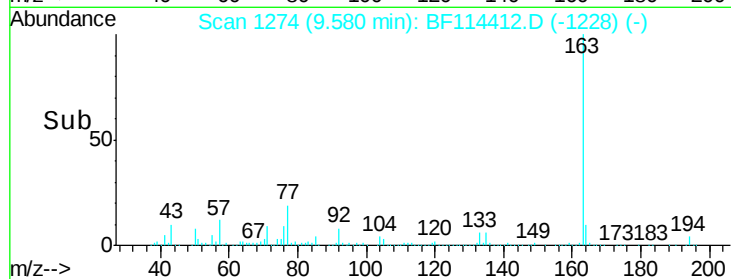
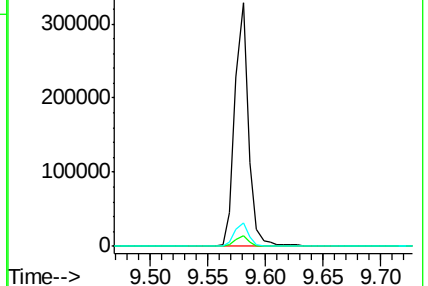
164 9.7 8.2 12.2



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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

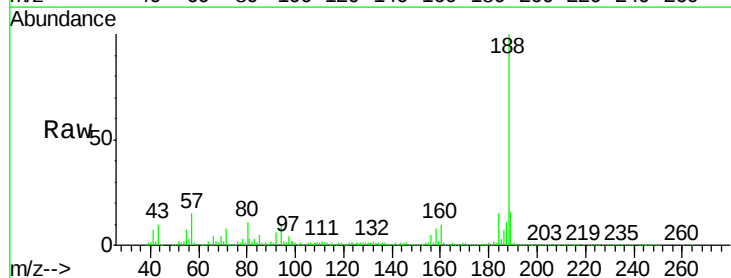
Tgt Ion:188 Resp: 621860

Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

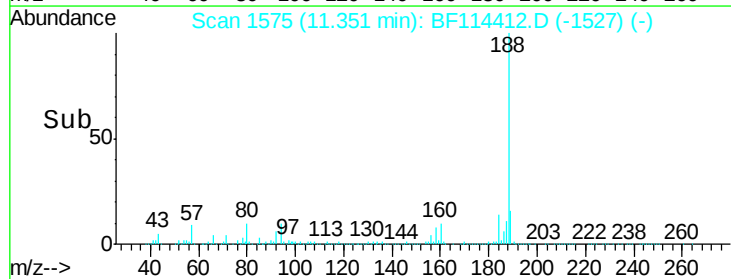
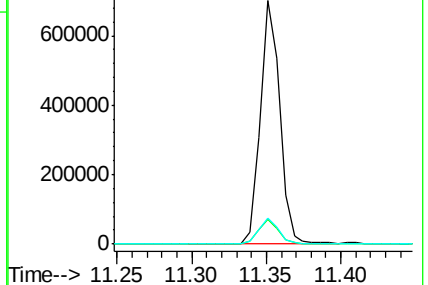
80 10.5 9.2 13.8

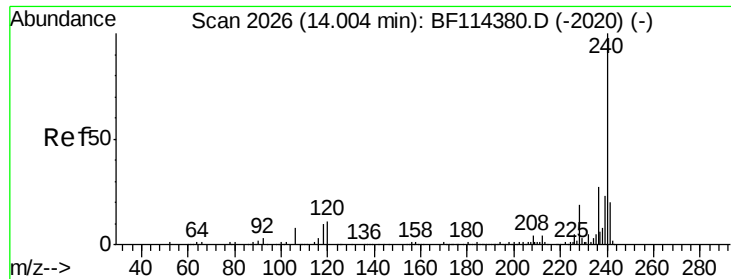


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

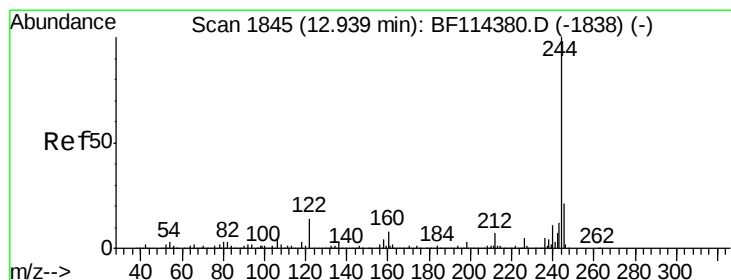
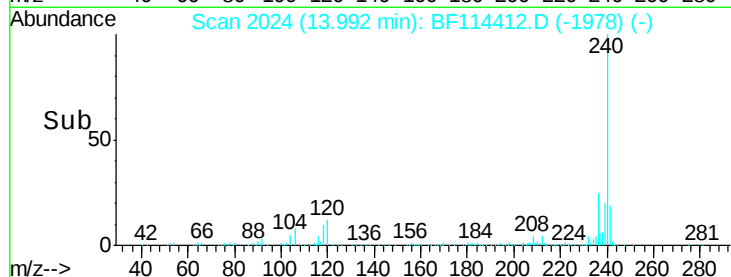
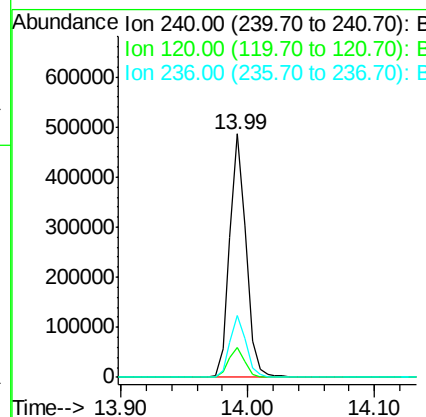
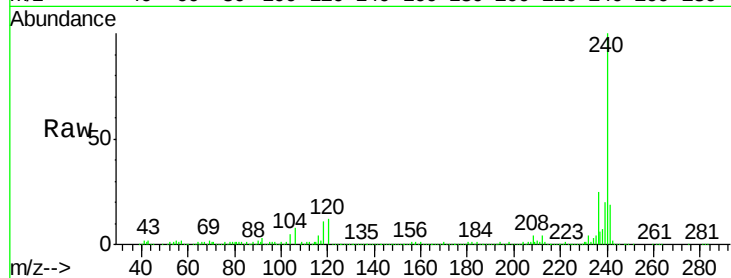




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114412.D
Acq: 19 May 2019 1:52

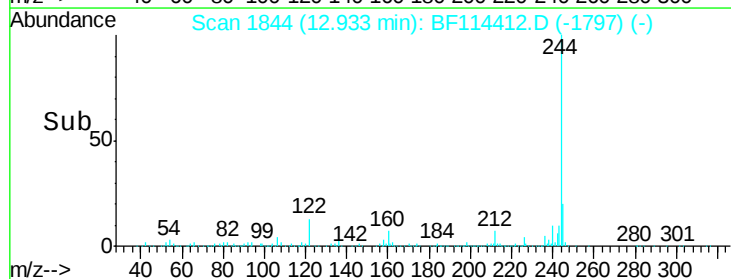
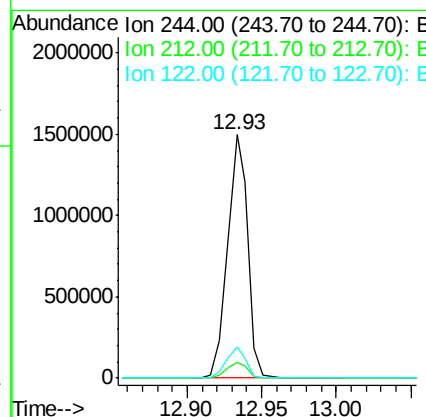
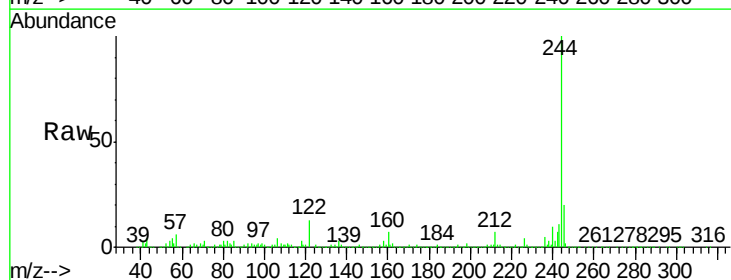
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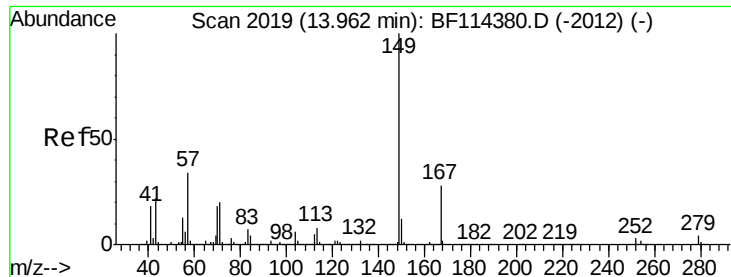
Tgt Ion:240 Resp: 436674
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 67.485 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF114412.D
Acq: 19 May 2019 1:52

Tgt Ion:244 Resp: 1429548
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 12.8 9.4 14.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.777 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.04 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

Instrument :

BNA_F

ClientSampleId :

CONCRETE-ISLANDS

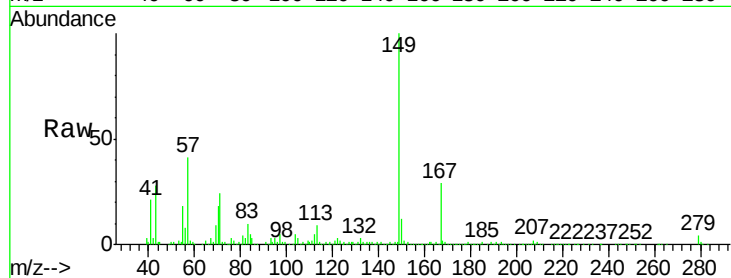
Tgt Ion:149 Resp: 150388

Ion Ratio Lower Upper

149 100

167 28.7 22.6 33.8

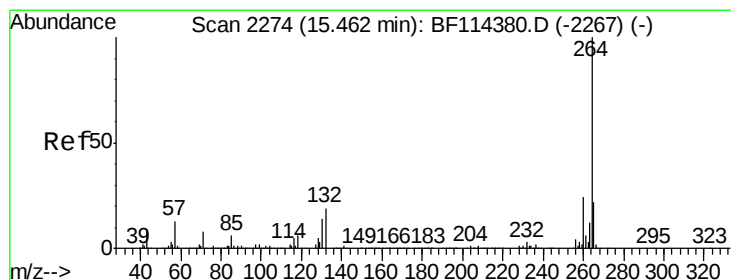
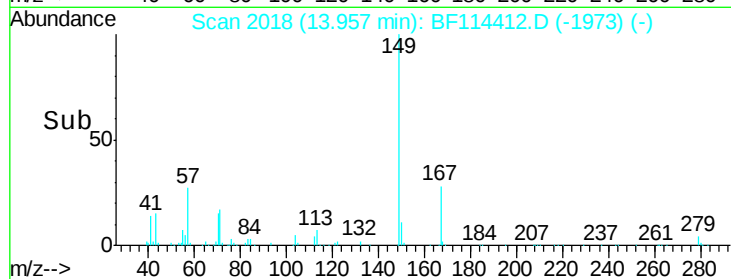
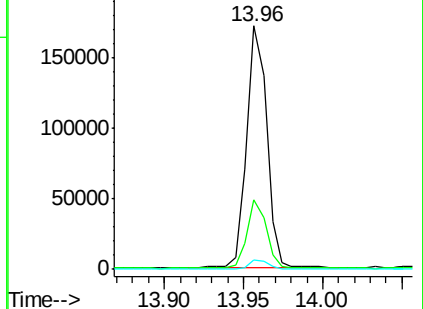
279 3.8 3.0 4.6



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: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

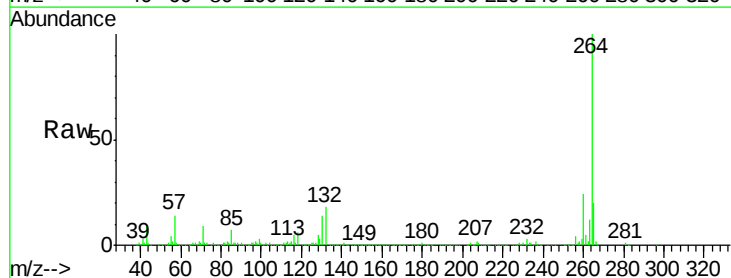
Tgt Ion:264 Resp: 481321

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 20.2 16.9 25.3



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

