

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114548.D
 Acq On : 24 May 2019 2:26
 Operator : JU/SJ
 Sample : K2753-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2RE

Quant Time: May 24 12:05:03 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 24 07:23:33 2019
 Response via : Initial Calibration

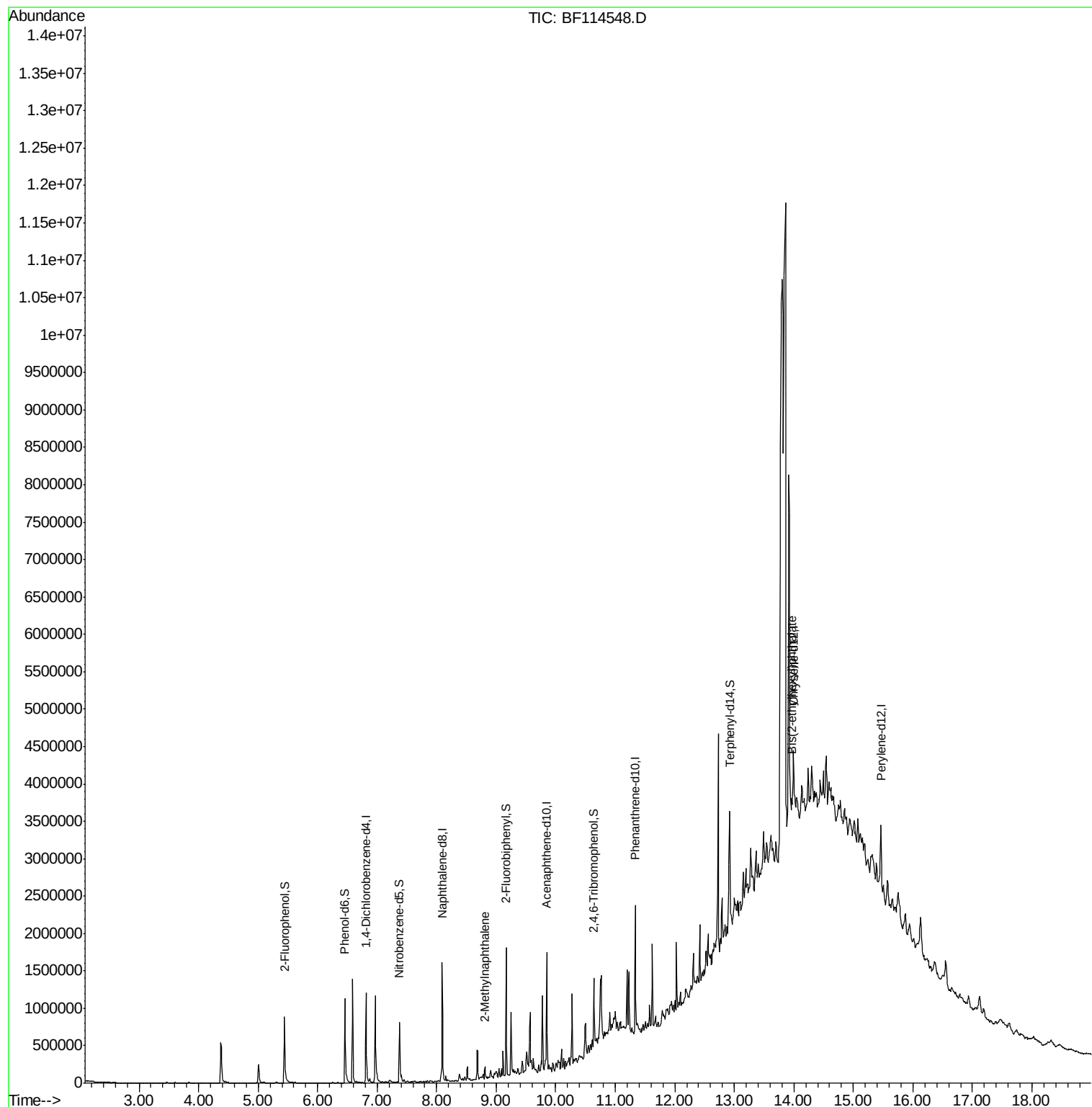
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	166754	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	663381	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	326955	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	626517	20.00	ng	0.00
76) Chrysene-d12	13.99	240	350024	20.00	ng	0.00
87) Perylene-d12	15.46	264	407464	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	319356	30.82	ng	0.00
7) Phenol-d6	6.46	99	456635	37.26	ng	0.00
23) Nitrobenzene-d5	7.37	82	269485	22.80	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	107490	31.80	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	554328	25.65	ng	0.00
79) Terphenyl-d14	12.92	244	486255	28.64	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.81	142	44167	2.209	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	77346	4.990	ng	# 90

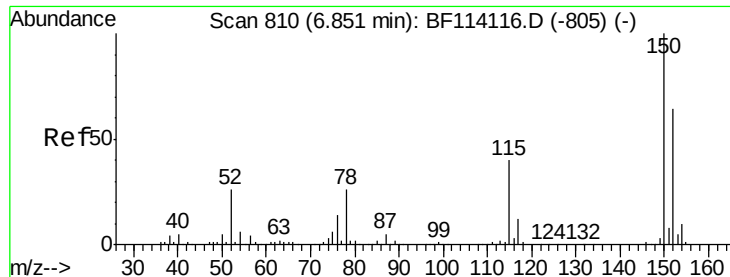
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 12:05:03 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 24 07:23:33 2019
Response via : Initial Calibration



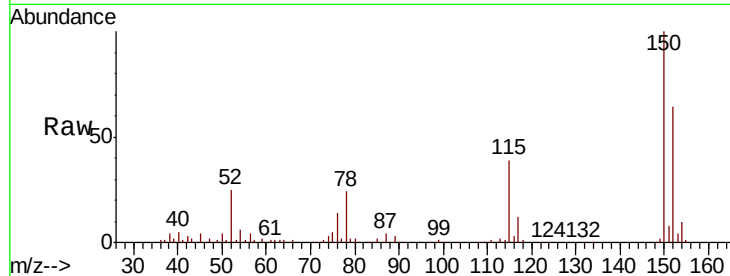


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.3	186.5
115	61.0	49.1	73.7

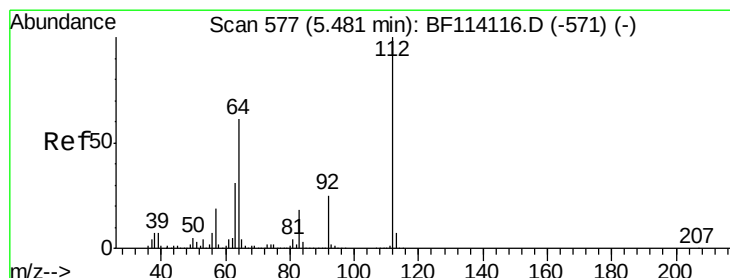
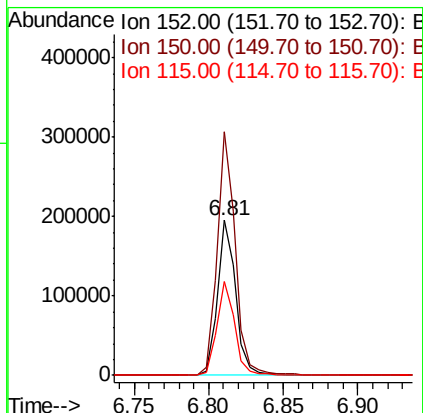
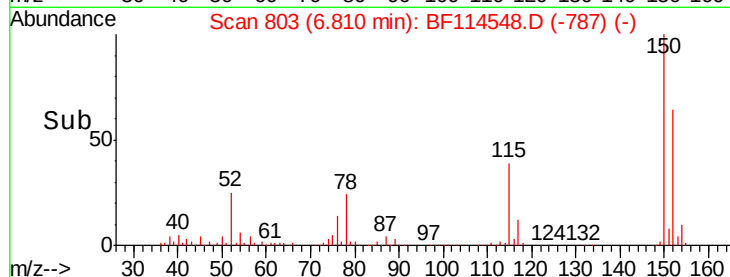


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

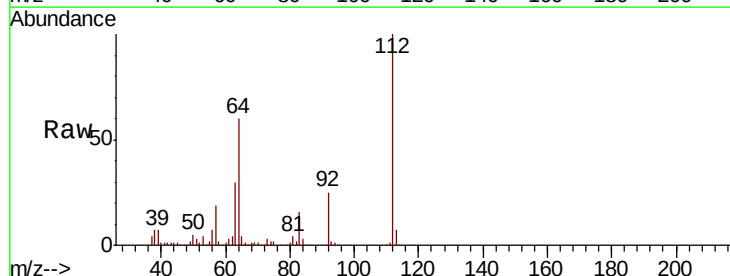
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 30.819 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	49.0	73.6
63	30.1	24.6	37.0

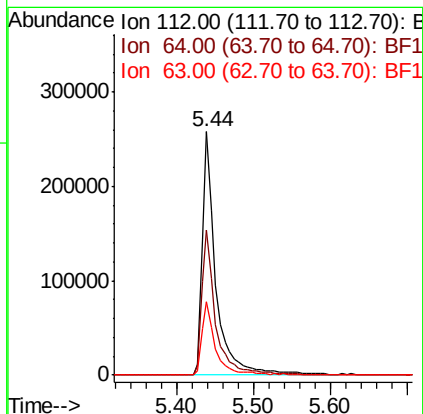
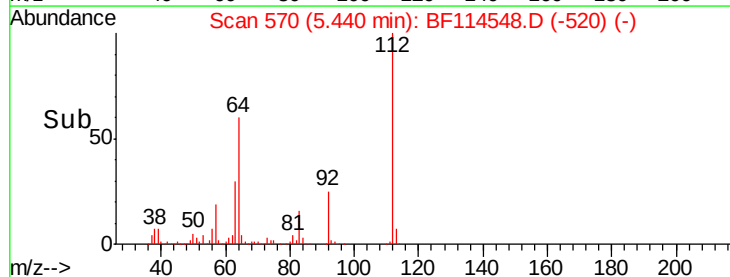


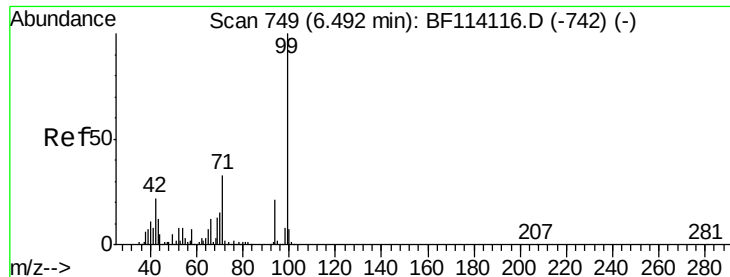
Abundance

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: 37.259 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2RE

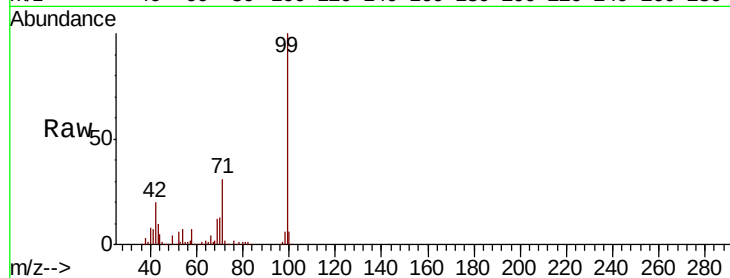
Tot Ion: 99 Resp: 456635

Ion Ratio Lower Upper

99 100

42 20.4 17.9 26.9

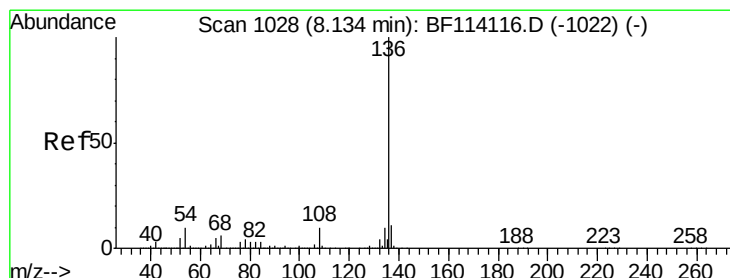
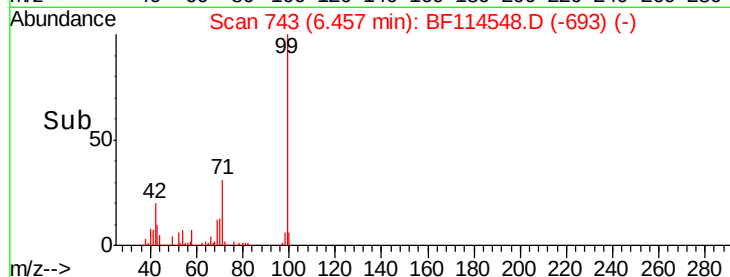
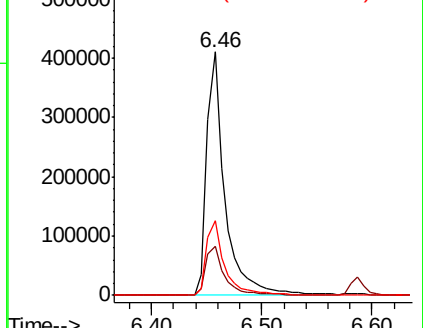
71 30.8 26.2 39.2



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Tgt Ion: 136 Resp: 663381

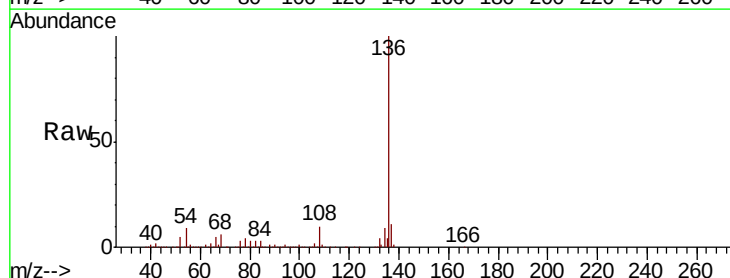
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.0 7.8 11.8

68 5.7 5.1 7.7

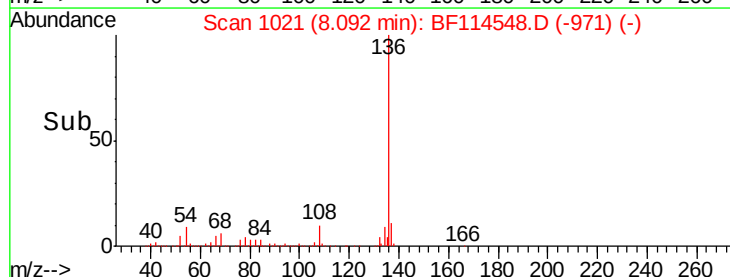
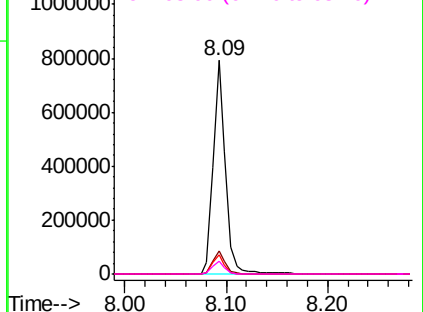


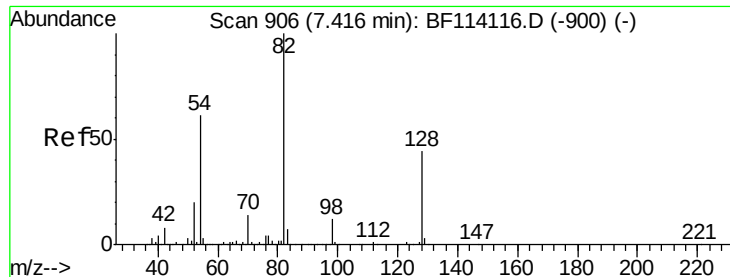
Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.798 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2RE

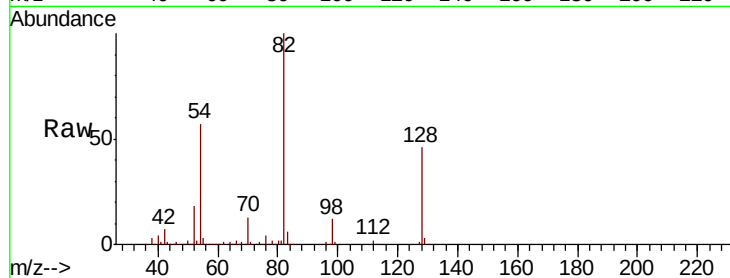
Tot Ion: 82 Resp: 269485

Ion Ratio Lower Upper

82 100

128 46.2 35.5 53.3

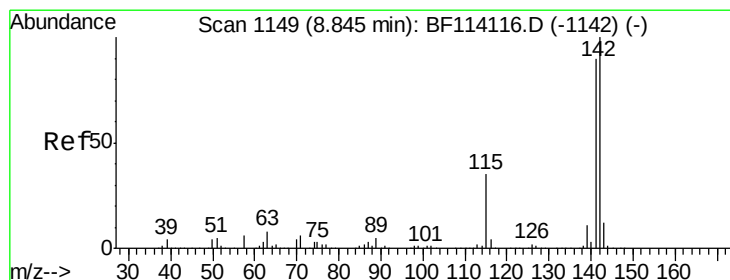
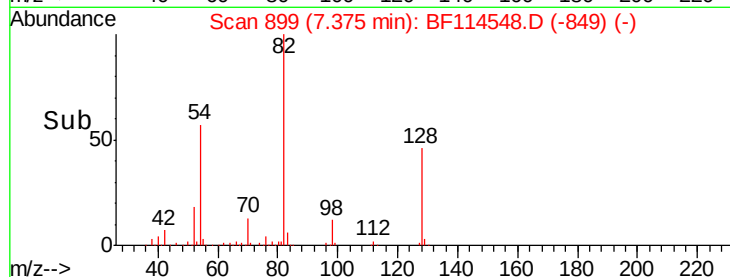
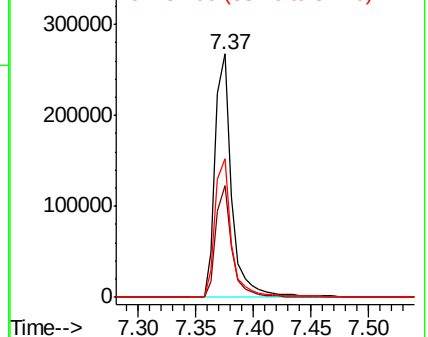
54 56.8 48.5 72.7



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



#37

2-Methylnaphthalene

Concen: 2.209 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

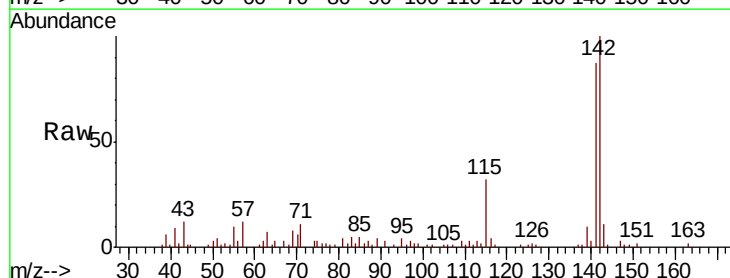
Tgt Ion: 142 Resp: 44167

Ion Ratio Lower Upper

142 100

141 87.4 72.1 108.1

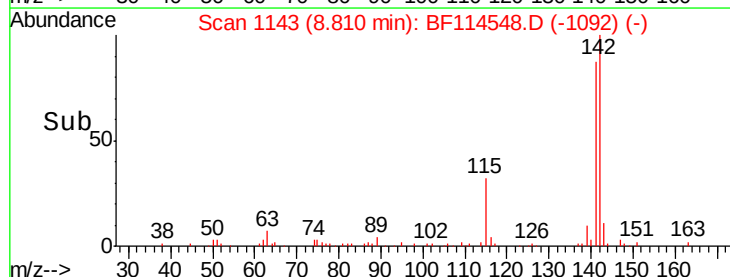
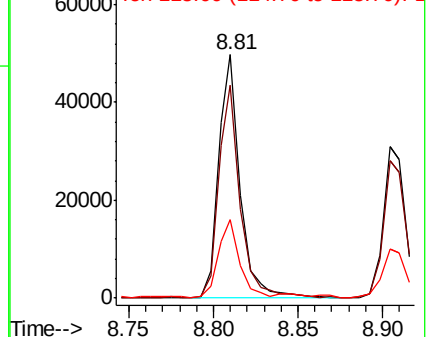
115 32.3 28.0 42.0

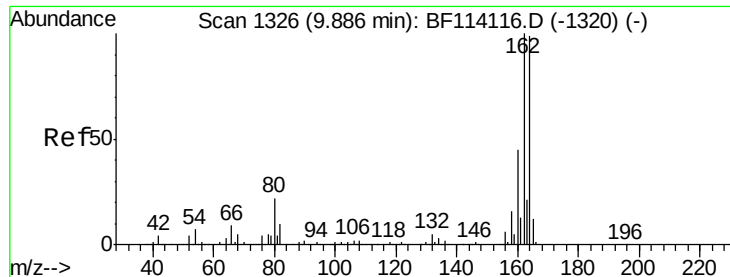


Abundance Ion 142.00 (141.70 to 142.70): BF1

Ion 141.00 (140.70 to 141.70): BF1

Ion 115.00 (114.70 to 115.70): BF1

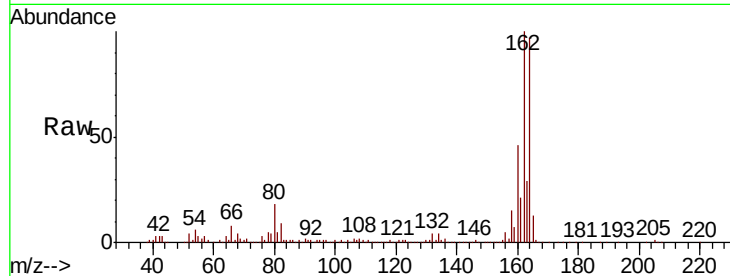




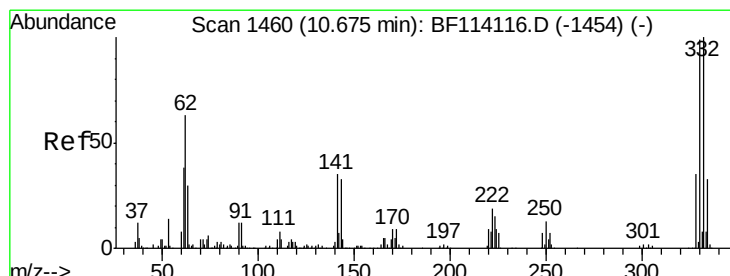
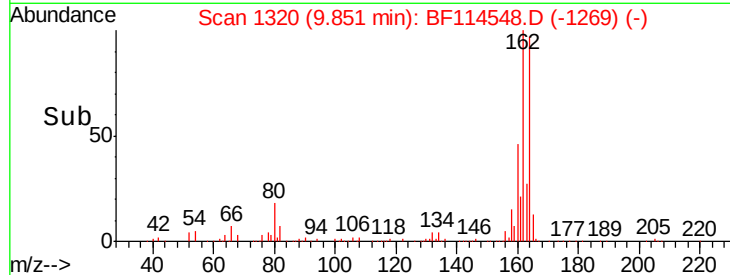
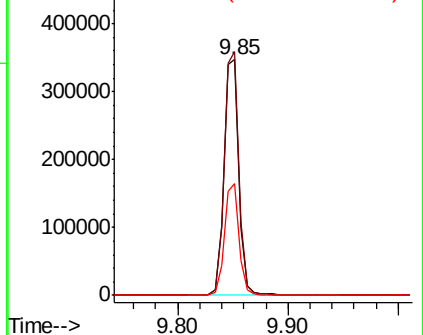
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2RE

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	120.8
160	47.3	36.5	54.7

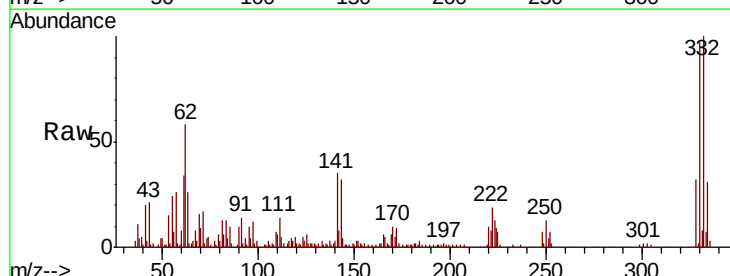


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

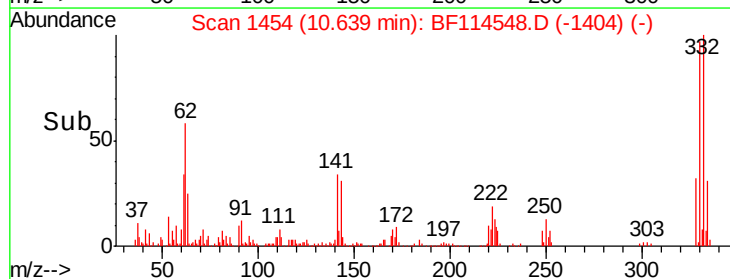
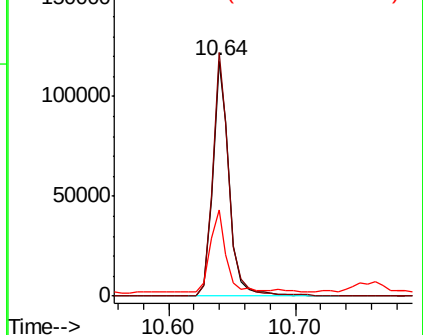


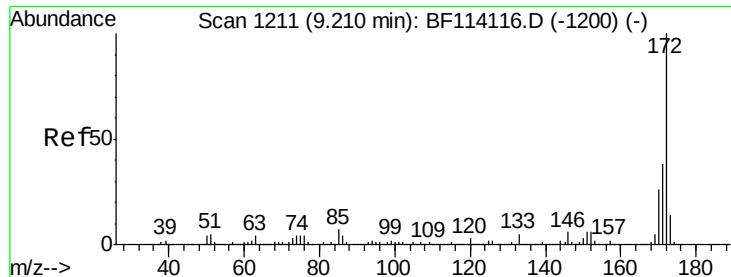
#42
2,4,6-Tribromophenol
Concen: 31.800 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.2	81.4	122.2
141	33.6	26.6	40.0



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

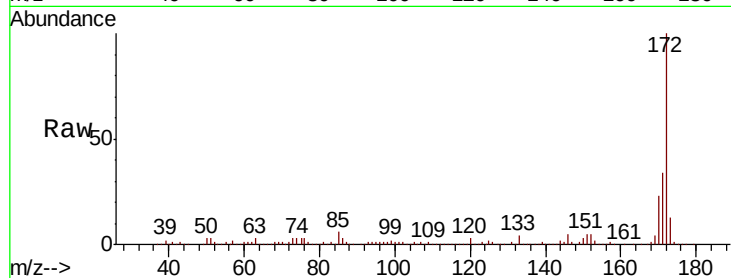




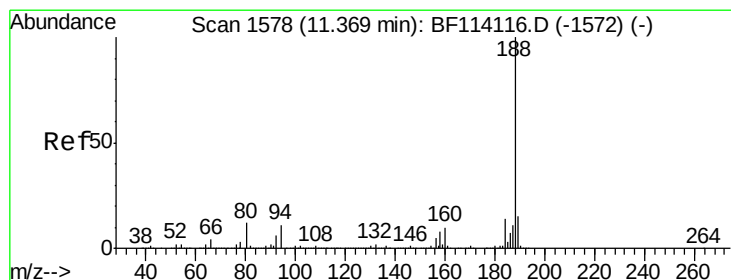
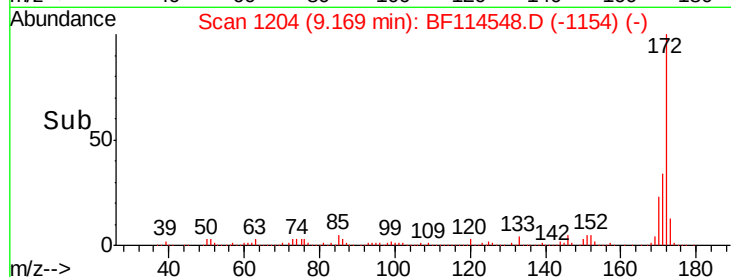
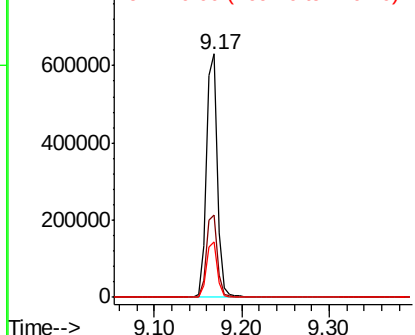
#45
2-Fluorobiphenyl
Concen: 25.646 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2RE

Tot Ion:172 Resp: 554328
Ion Ratio Lower Upper
172 100
171 34.0 30.7 46.1
170 22.9 20.5 30.7

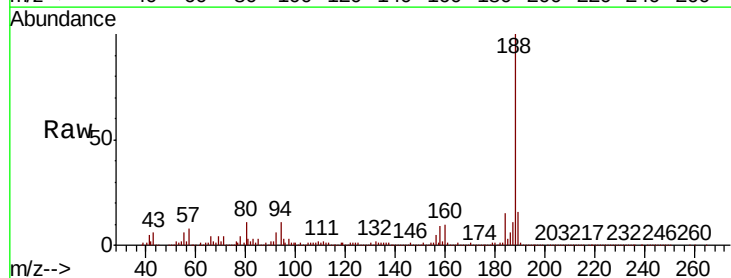


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

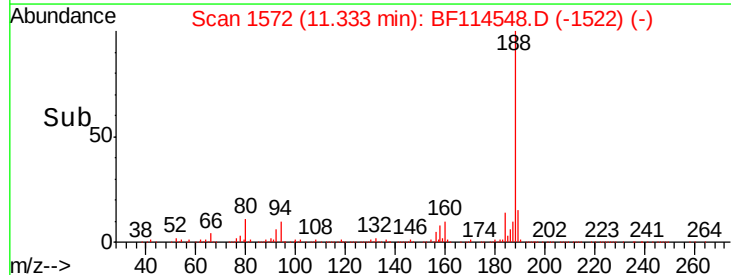
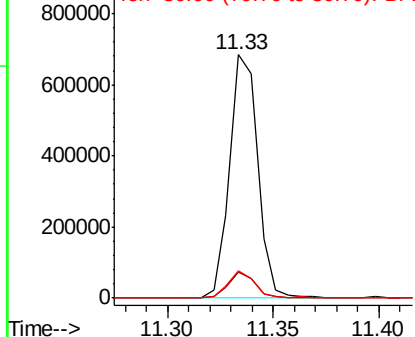


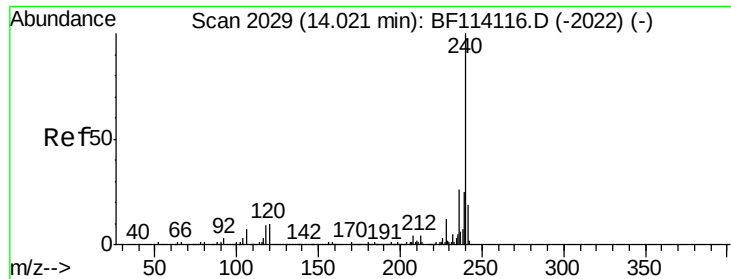
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

Tgt Ion:188 Resp: 626517
Ion Ratio Lower Upper
188 100
94 10.5 8.4 12.6
80 11.0 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. 0.01 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2RE

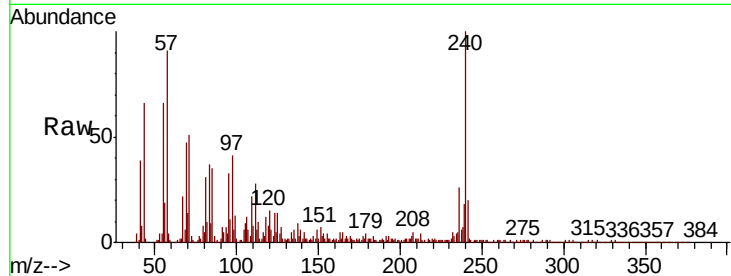
Tot Ion:240 Resp: 350024

Ion Ratio Lower Upper

240 100

120 15.3 8.3 12.5#

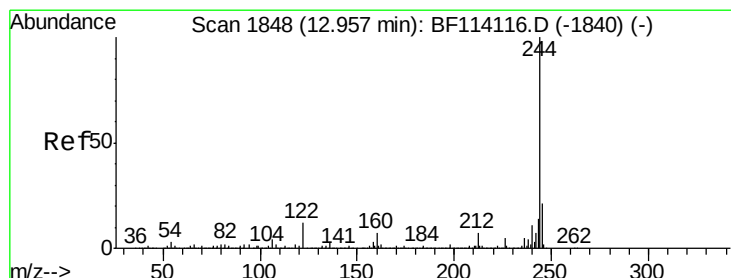
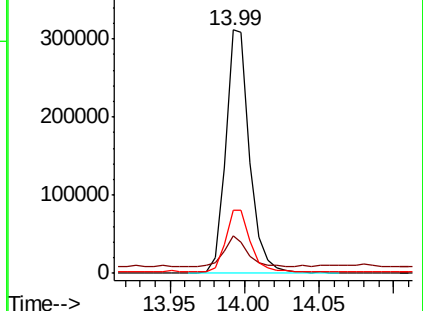
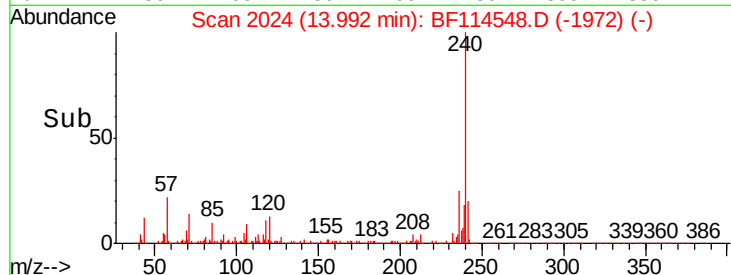
236 25.9 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 28.638 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

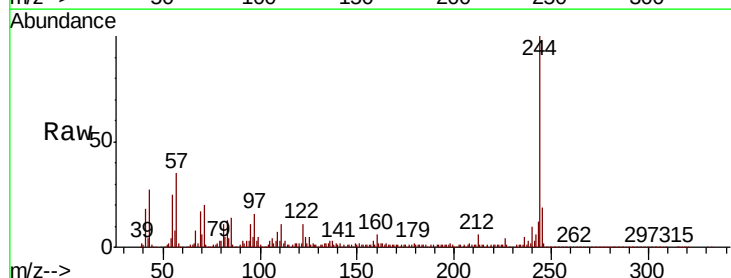
Tgt Ion:244 Resp: 486255

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.6

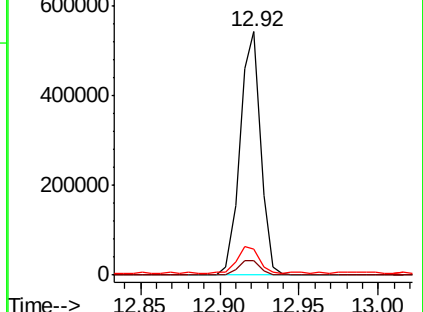
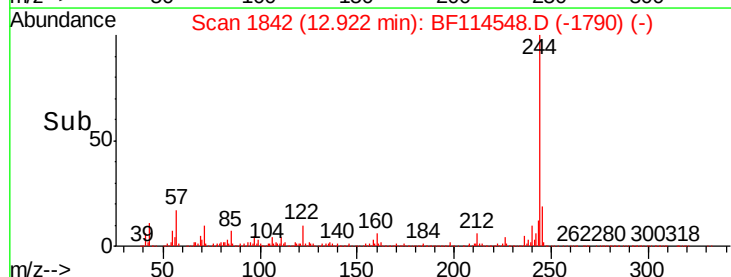
122 10.9 9.4 14.2

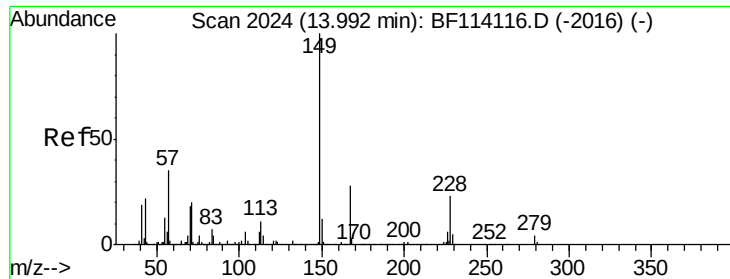


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

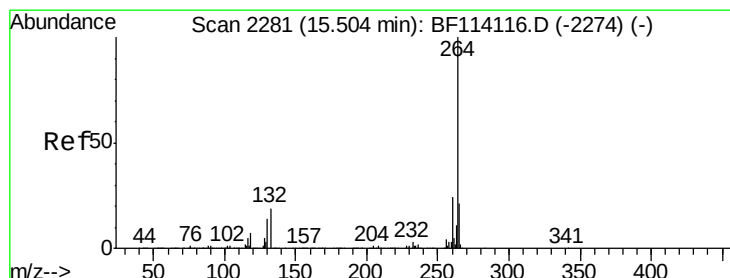
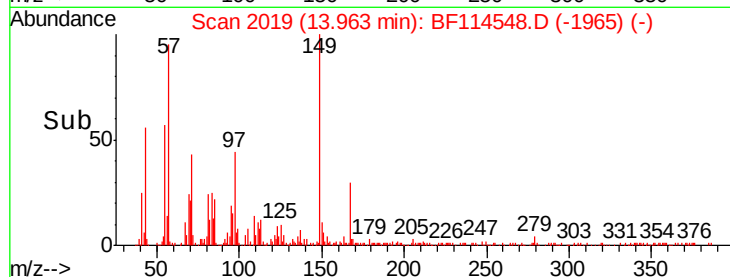
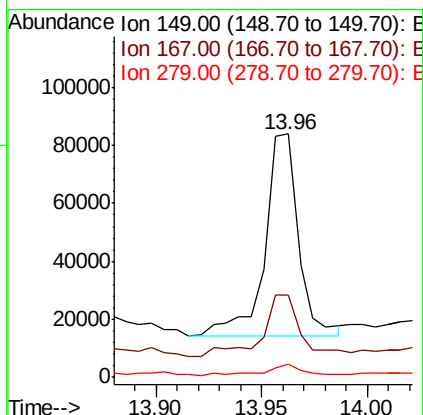
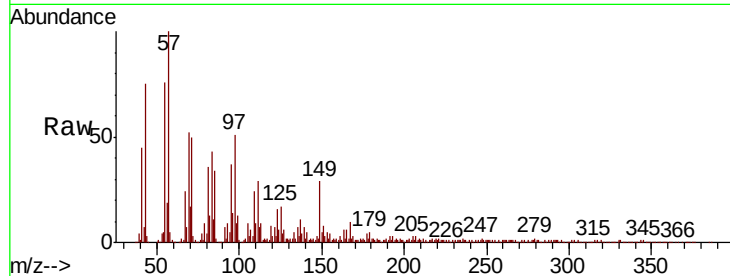




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.990 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.02 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2RE

Tot Ion:149 Resp: 77346
 Ion Ratio Lower Upper
 149 100
 167 33.9 22.6 33.8#
 279 5.2 3.0 4.6#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Tgt Ion:264 Resp: 407464
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 22.2 16.9 25.3

