

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114331.D
 Acq On : 17 May 2019 1:56
 Operator : JU/SJ
 Sample : K2867-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-G

Quant Time: May 17 08:00:55 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

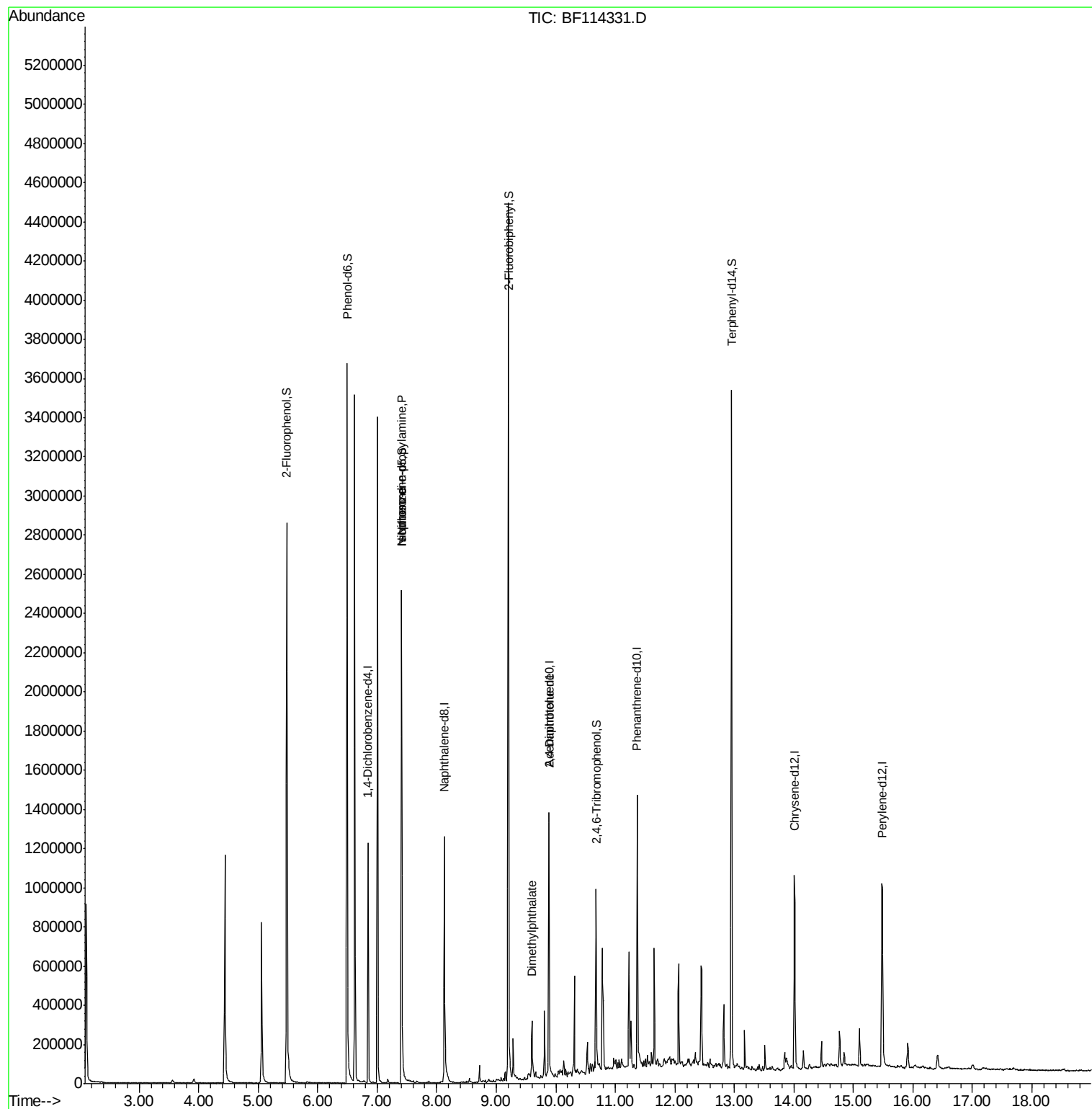
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	180640	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	689515	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	301076	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	540484	20.00	ng	0.00
76) Chrysene-d12	14.01	240	369086	20.00	ng	-0.01
87) Perylene-d12	15.49	264	435677	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	830788	74.01	ng	0.00
7) Phenol-d6	6.49	99	1247023	93.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	814796	66.32	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	126162	40.53	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1433931	72.04	ng	0.00
79) Terphenyl-d14	12.95	244	1155781	64.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	102988	12.238	ng	# 75
25) Isophorone	7.41	82	814791	35.758	ng	# 64
50) Dimethylphthalate	9.60	163	112806	5.104	ng	99
57) 2,4-Dinitrotoluene	9.89	165	40629	6.106	ng	# 25

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

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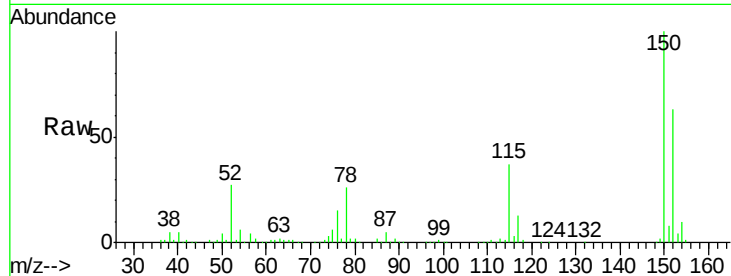


#1

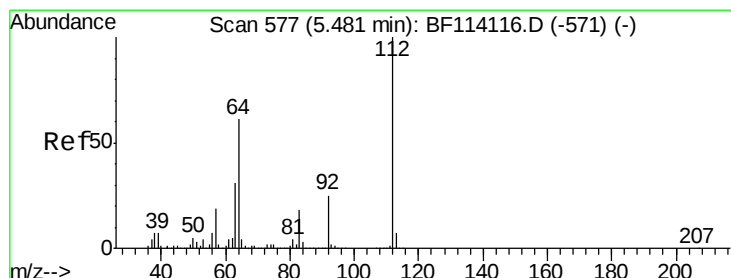
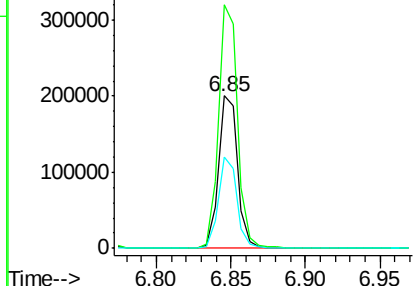
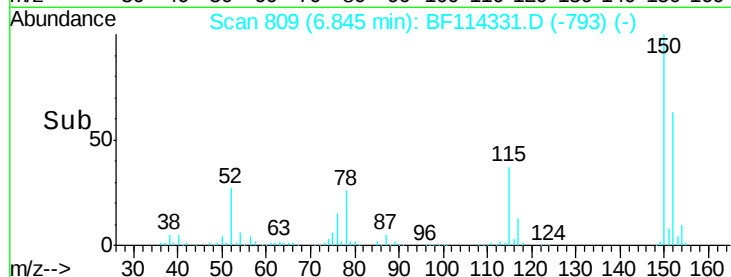
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

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Tot Ion:152 Resp: 180640
Ion Ratio Lower Upper
152 100
150 159.5 124.3 186.5
115 59.6 49.1 73.7



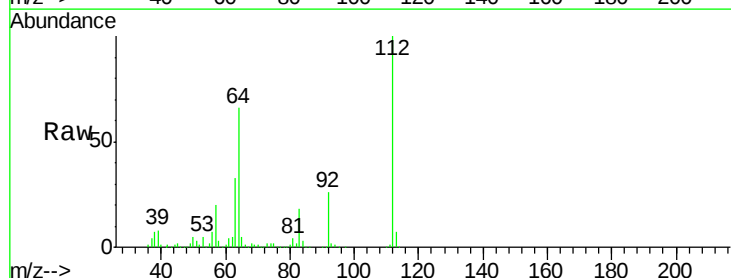
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



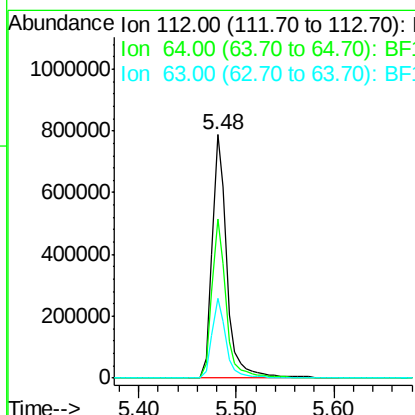
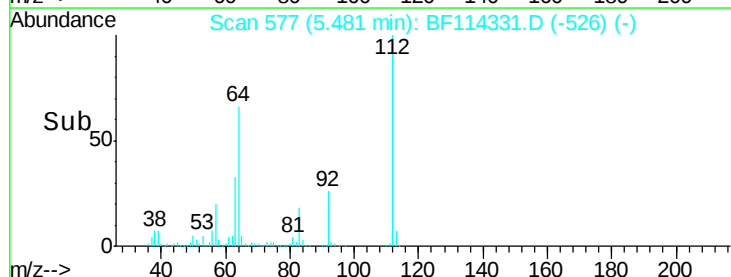
#5

2-Fluorophenol
Concen: 74.012 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

Tgt Ion:112 Resp: 830788
Ion Ratio Lower Upper
112 100
64 65.5 49.0 73.6
63 32.6 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: 93.929 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-G

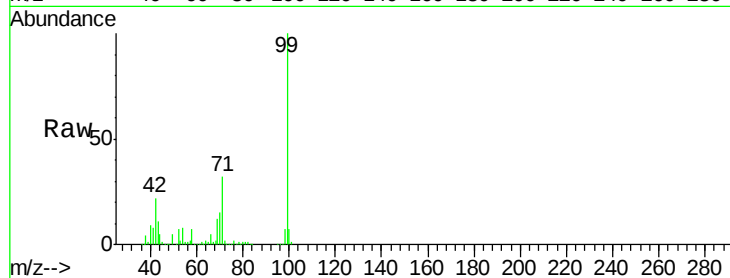
Tot Ion: 99 Resp: 1247023

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

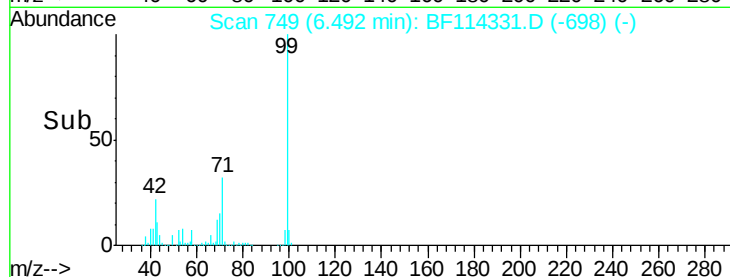
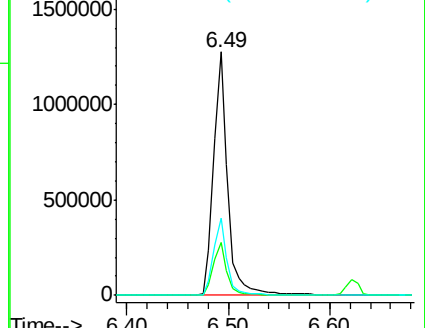
71 31.9 26.2 39.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.238 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

Tgt Ion: 70 Resp: 102988

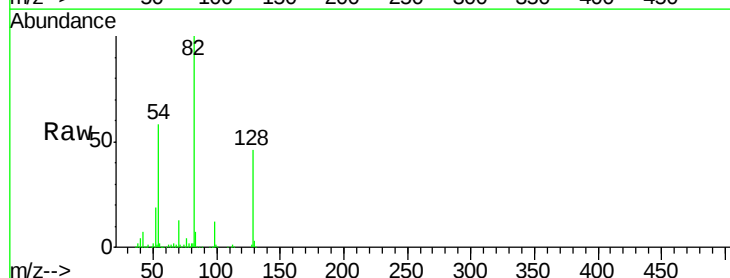
Ion Ratio Lower Upper

70 100

42 56.4 58.6 87.8#

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

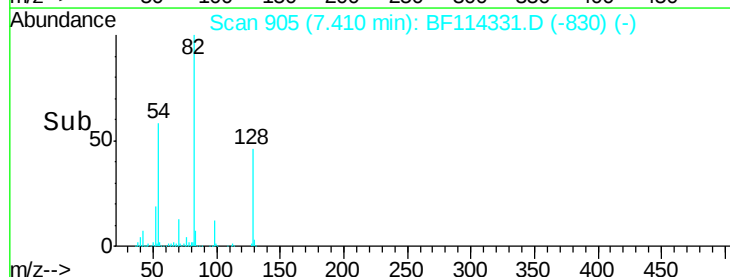
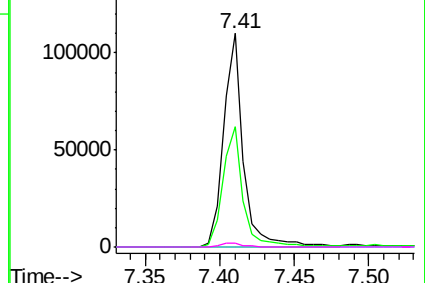


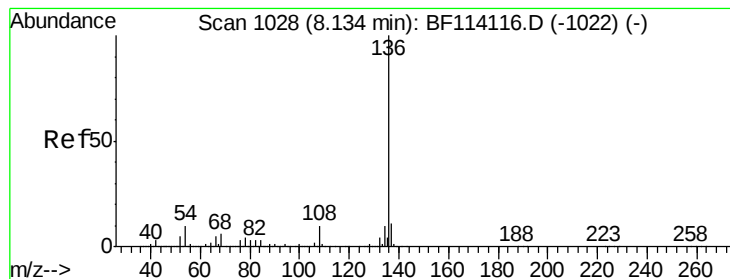
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

Instrument :

BNA_F

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Tot Ion:136 Resp: 689515

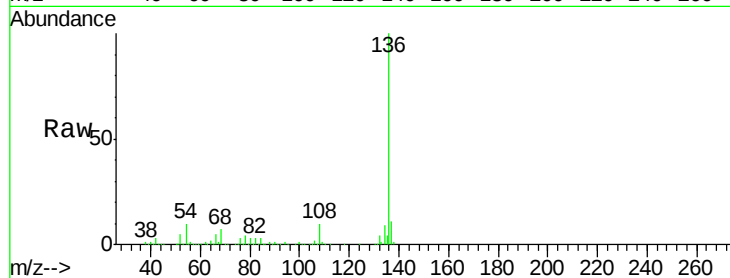
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 9.9 7.8 11.8

68 7.0 5.1 7.7

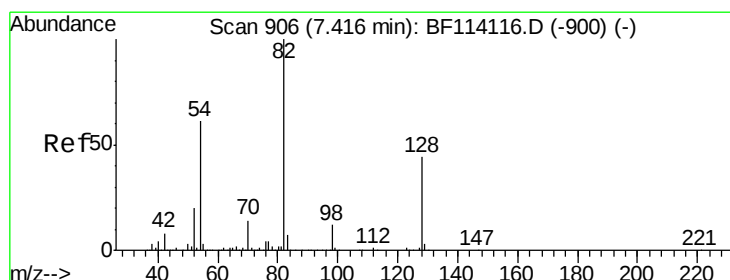
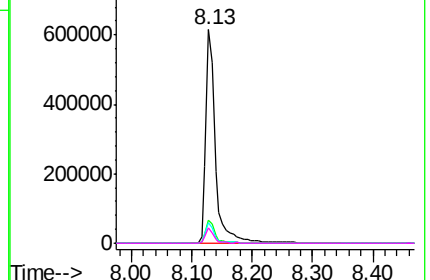
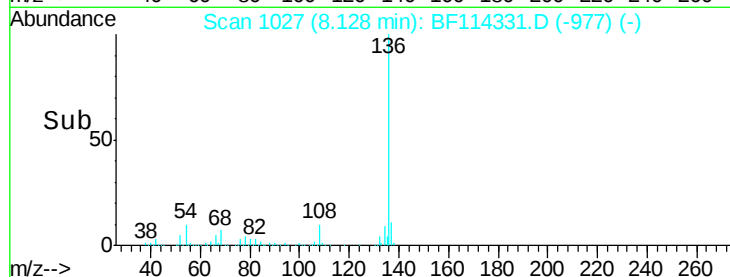


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.317 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

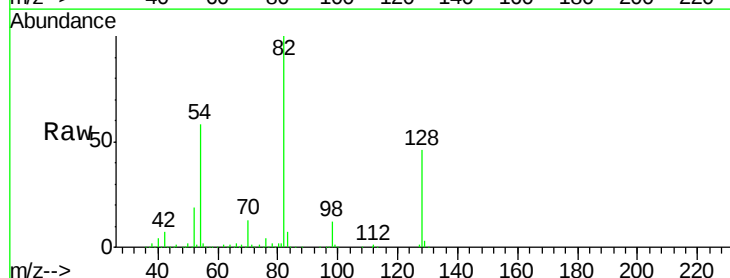
Tgt Ion: 82 Resp: 814796

Ion Ratio Lower Upper

82 100

128 45.6 35.5 53.3

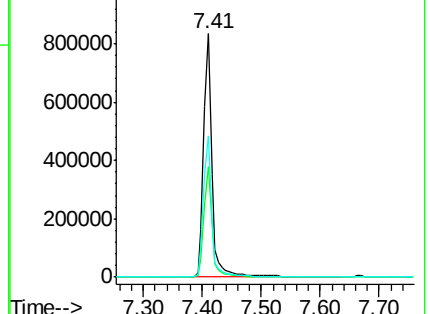
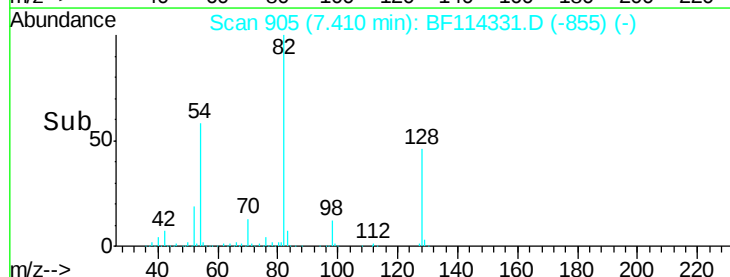
54 57.9 48.5 72.7



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





#25

Isophorone

Concen: 35.758 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

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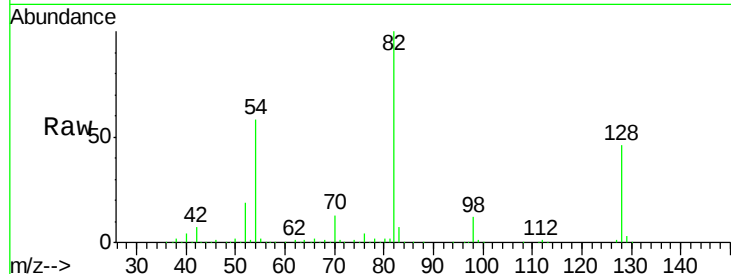
Tot Ion: 82 Resp: 814791

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

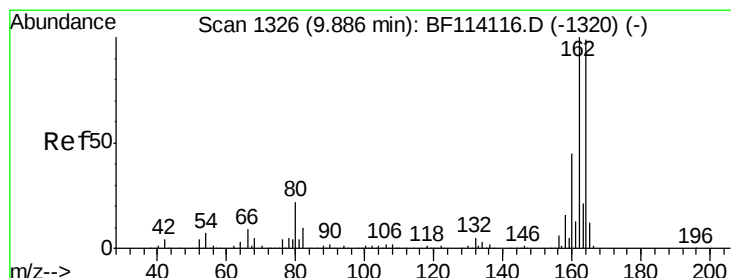
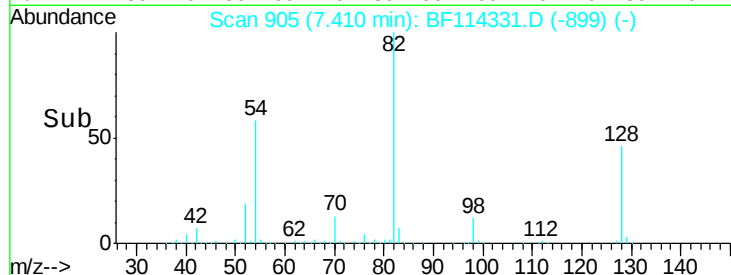
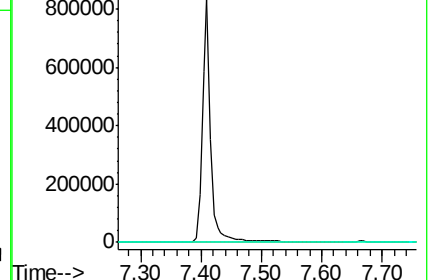
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

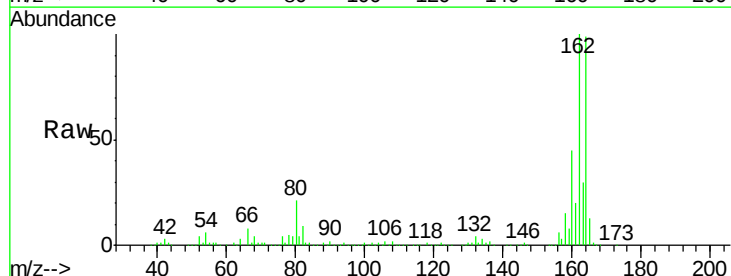
Tgt Ion: 164 Resp: 301076

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

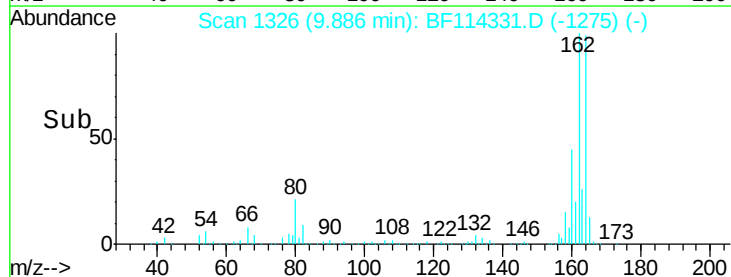
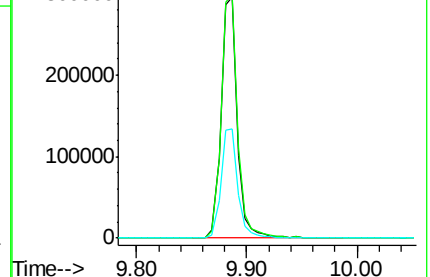
160 45.2 36.5 54.7

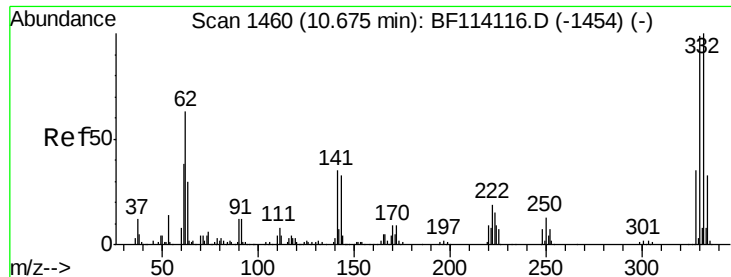


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 40.532 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

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CONCRETE-G

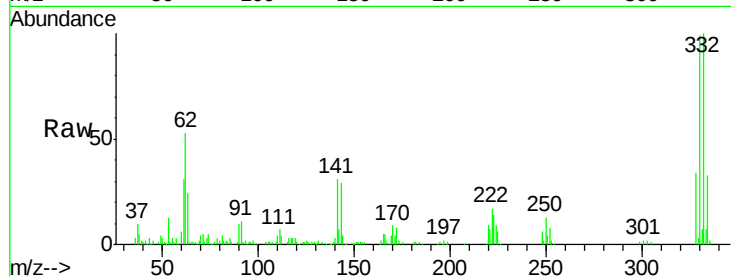
Tot Ion:330 Resp: 126162

Ion Ratio Lower Upper

330 100

332 102.7 81.4 122.2

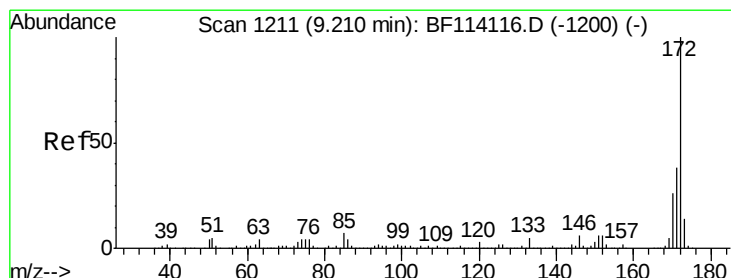
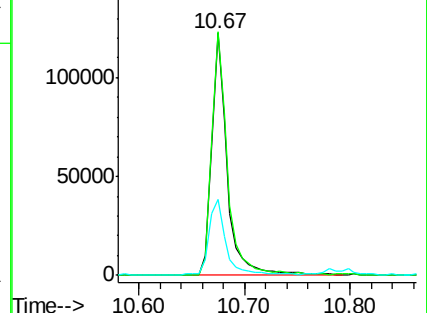
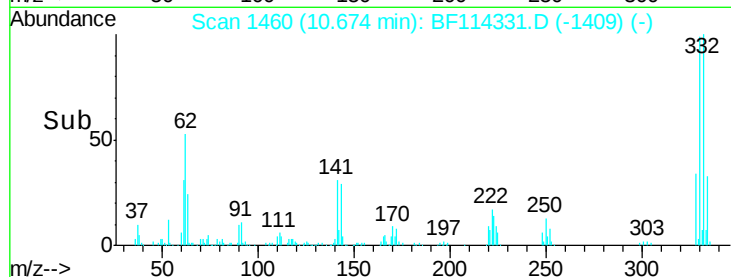
141 33.2 26.6 40.0



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: 72.044 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

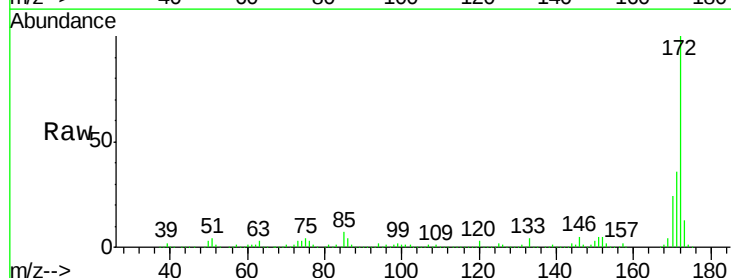
Tgt Ion:172 Resp: 1433931

Ion Ratio Lower Upper

172 100

171 35.6 30.7 46.1

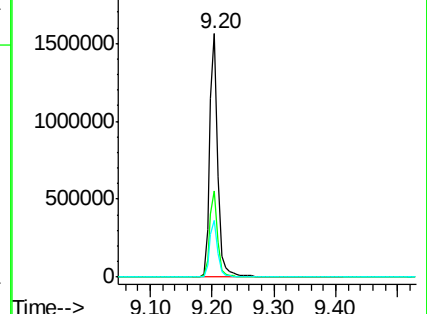
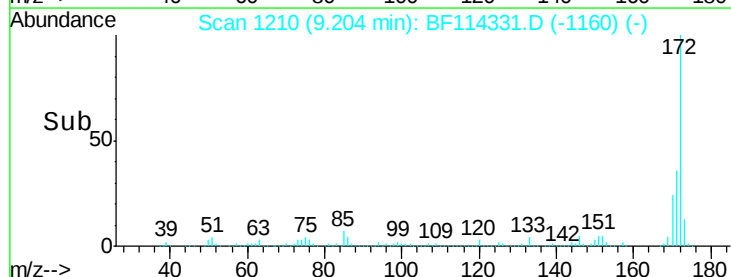
170 23.5 20.5 30.7

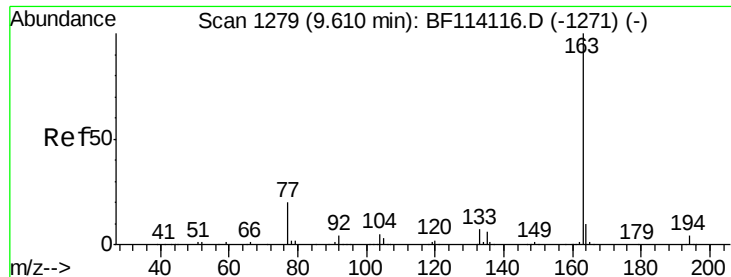


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

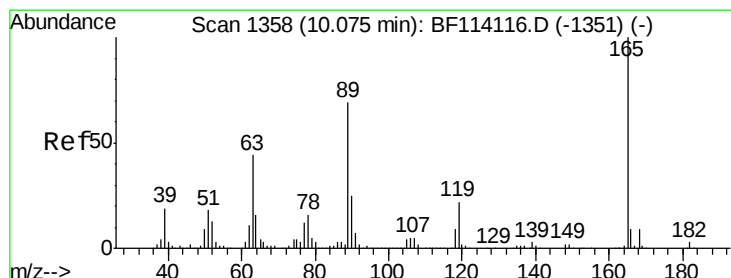
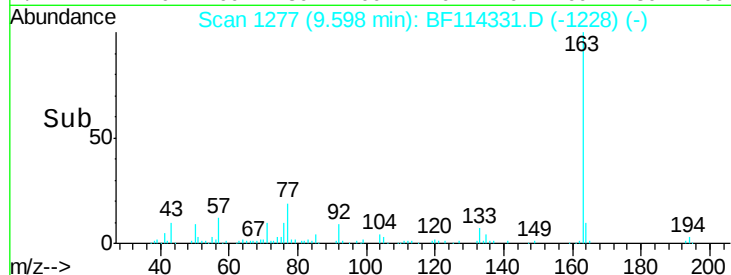
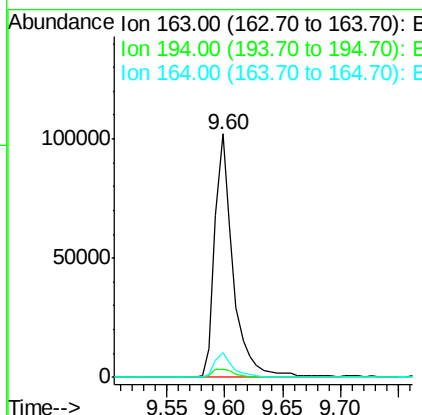
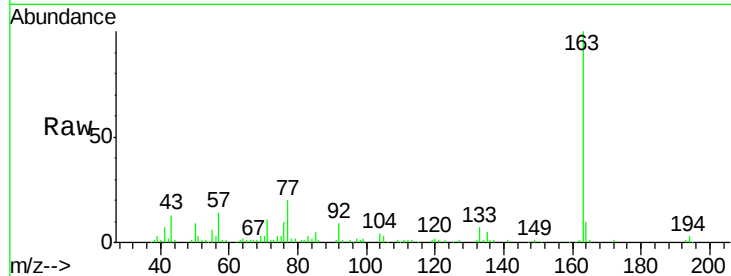




#50
Dimethylphthalate
Concen: 5.104 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

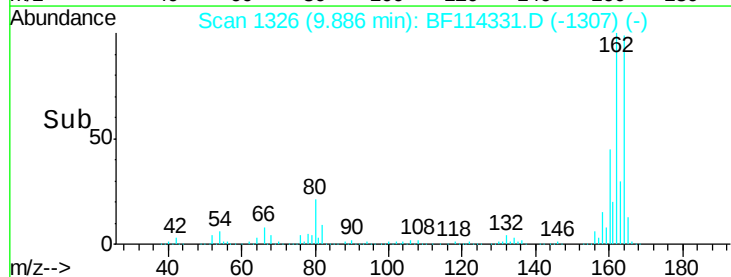
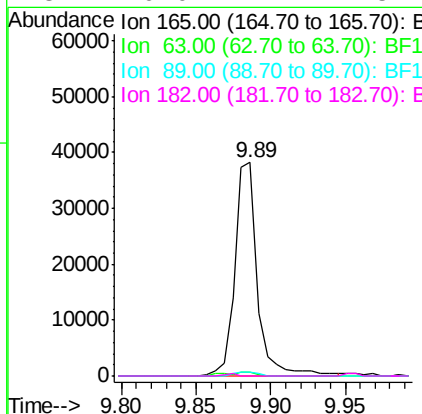
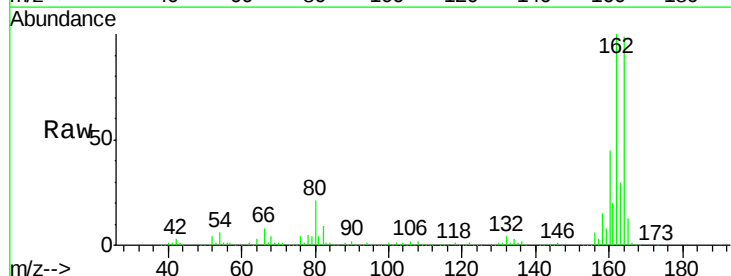
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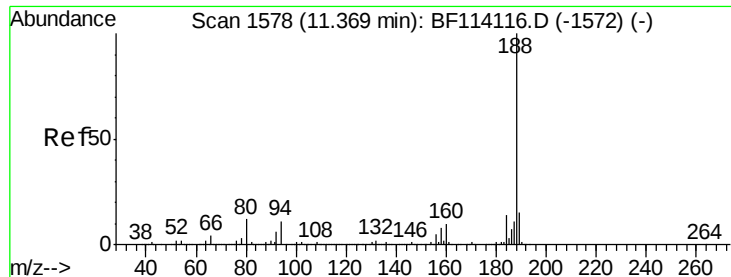
Tot Ion:163 Resp: 112806
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.0
164 10.0 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.106 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

Tgt Ion:165 Resp: 40629
Ion Ratio Lower Upper
165 100
63 1.5 35.5 53.3#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

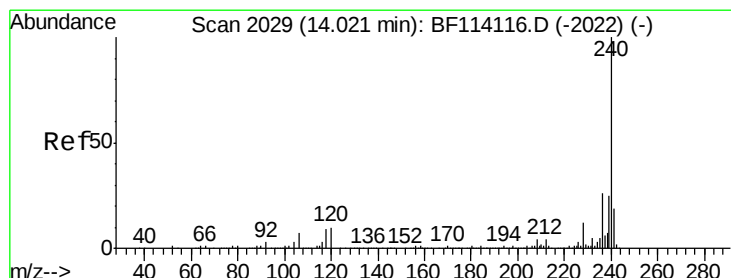
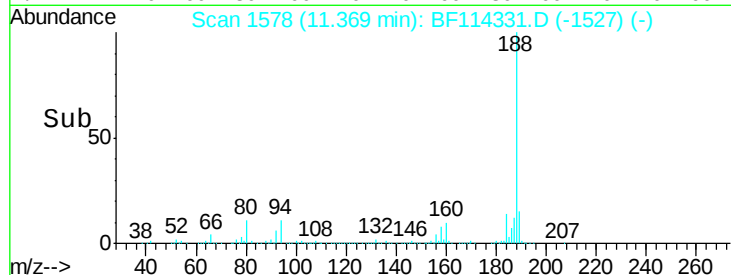
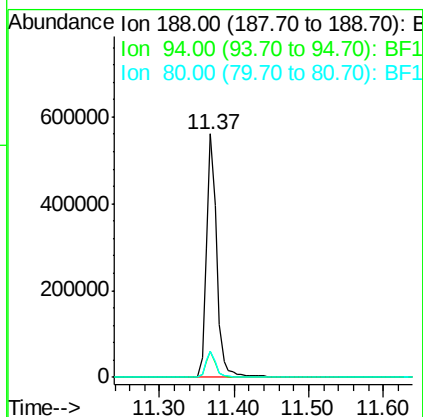
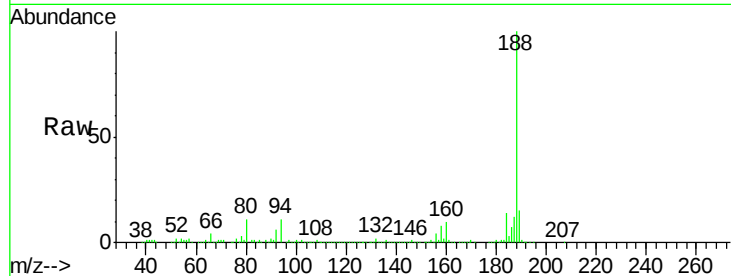




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

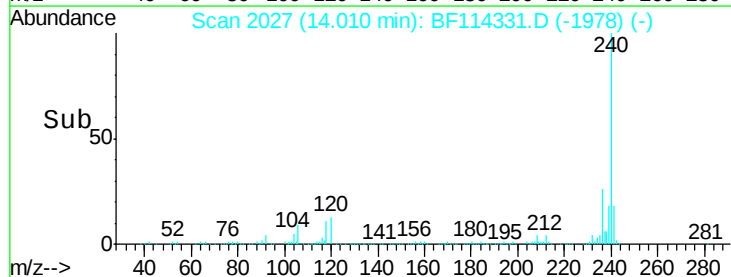
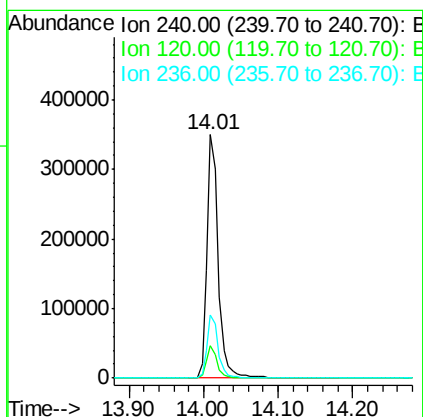
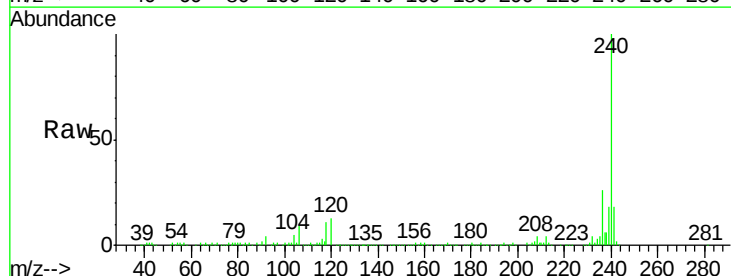
Instrument :
BNA_F
ClientSampleId :
CONCRETE-G

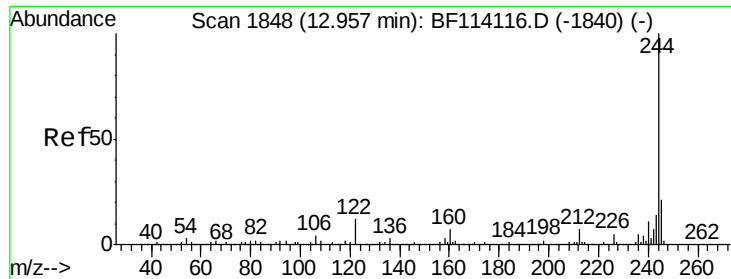
Tot Ion:188 Resp: 540484
Ion Ratio Lower Upper
188 100
94 10.7 8.4 12.6
80 11.0 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114331.D
Acq: 17 May 2019 1:56

Tgt Ion:240 Resp: 369086
Ion Ratio Lower Upper
240 100
120 13.3 8.3 12.5#
236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 64.553 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-G

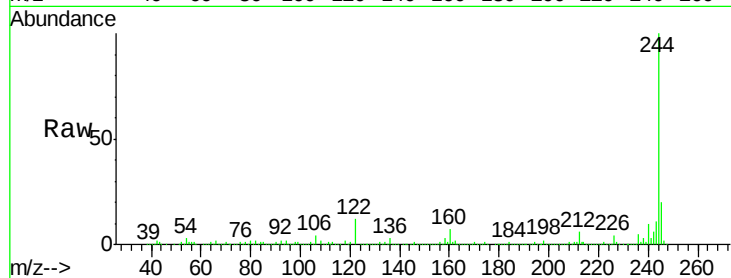
Tot Ion:244 Resp: 1155781

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

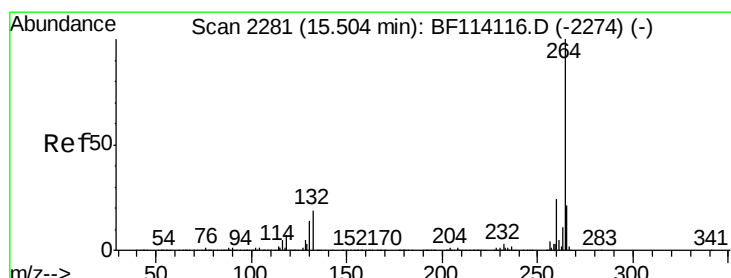
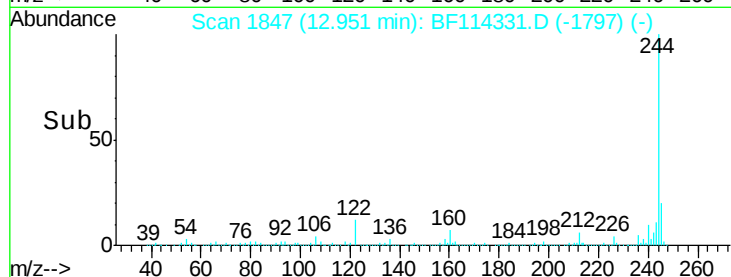
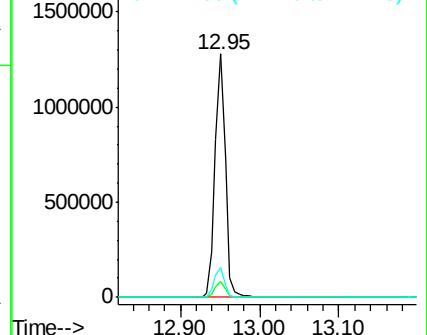
122 12.3 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114331.D

Acq: 17 May 2019 1:56

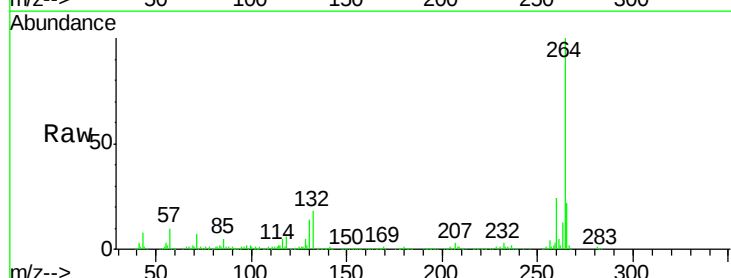
Tgt Ion:264 Resp: 435677

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.7 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

