

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114540.D
 Acq On : 23 May 2019 22:54
 Operator : JU/SJ
 Sample : K2753-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Quant Time: May 24 07:20:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

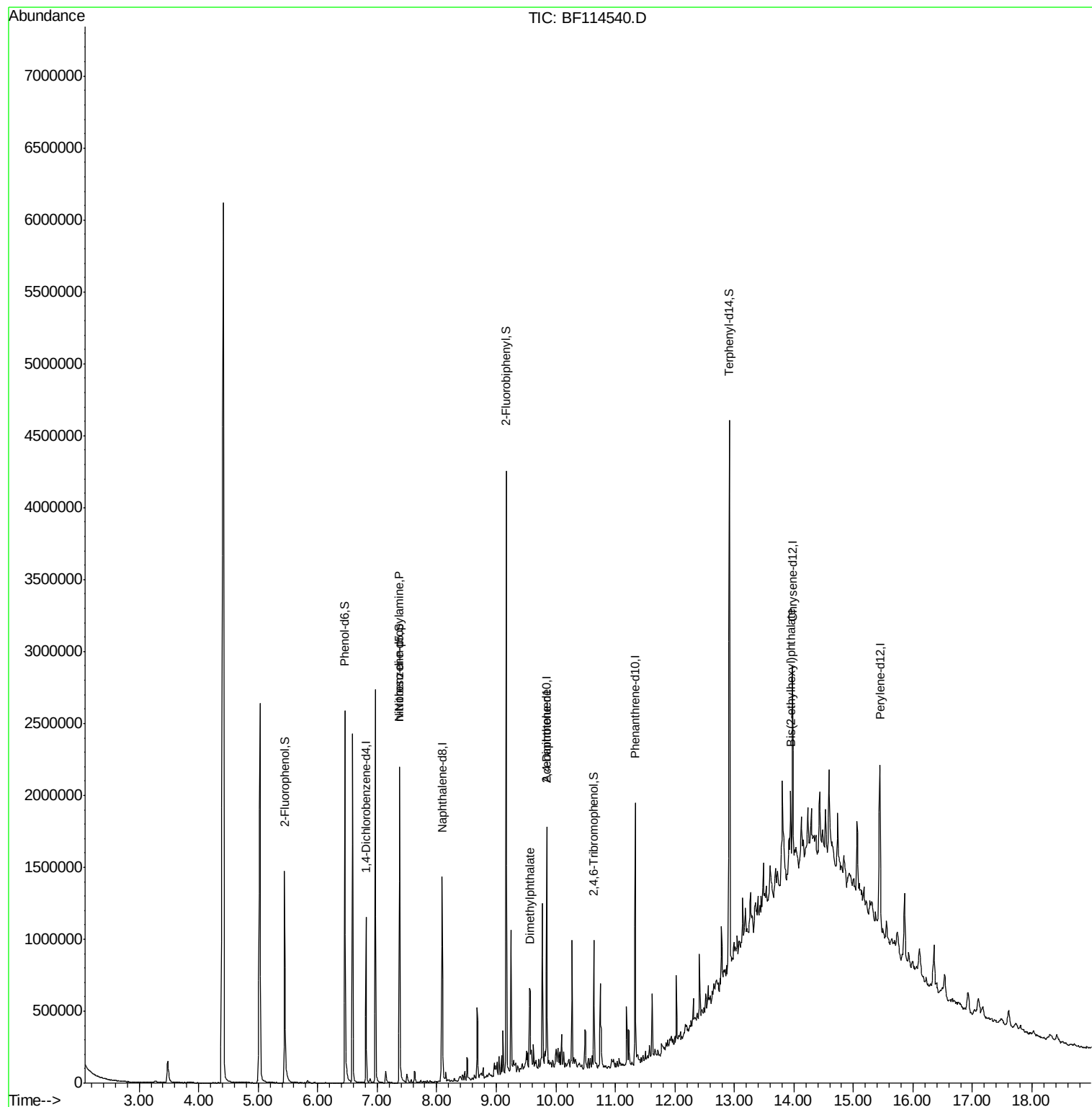
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	165465	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	636582	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	310439	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	648314	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	451247	20.00	ng	-0.02
87) Perylene-d12	15.44	264	444747	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	491751	47.83	ng	-0.02
7) Phenol-d6	6.46	99	907990	74.66	ng	-0.03
23) Nitrobenzene-d5	7.37	82	657855	58.00	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	104260	32.49	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1234148	60.14	ng	-0.02
79) Terphenyl-d14	12.92	244	1379675	63.03	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	86022	11.160	ng	Qvalue # 74
50) Dimethylphthalate	9.56	163	105725	4.639	ng	99
57) 2,4-Dinitrotoluene	9.85	165	40942	5.968	ng	# 25
84) Bis(2-ethylhexyl)phthalate	13.94	149	147015	7.357	ng	99

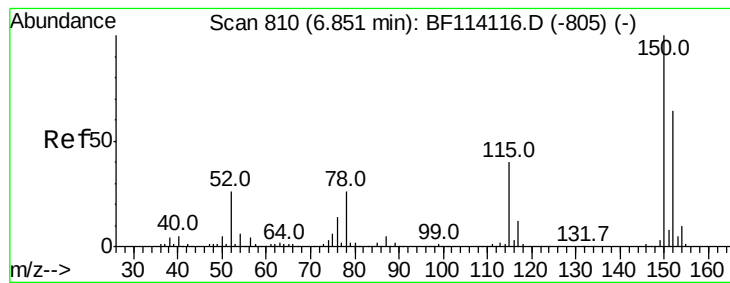
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration



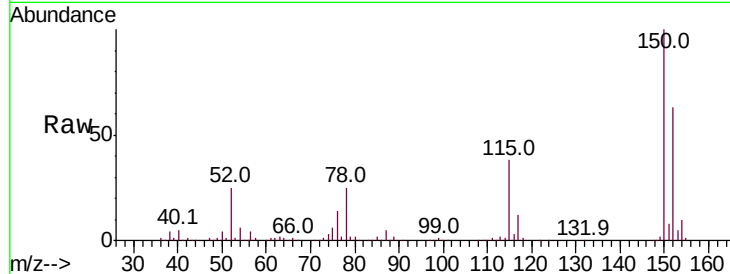


#1

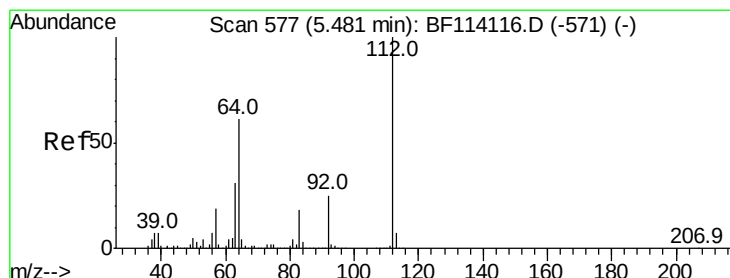
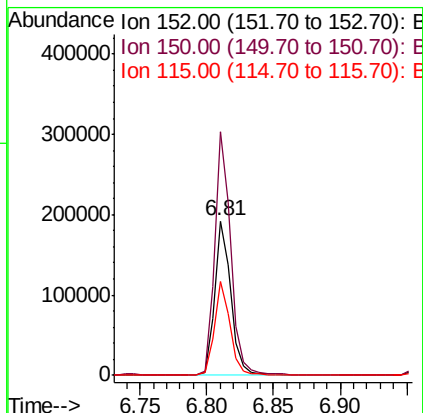
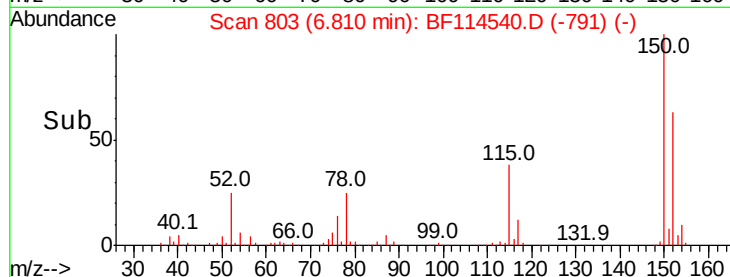
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114540.D
Acq: 23 May 2019 22:54

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Tot Ion:152 Resp: 165465
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 60.6 49.1 73.7



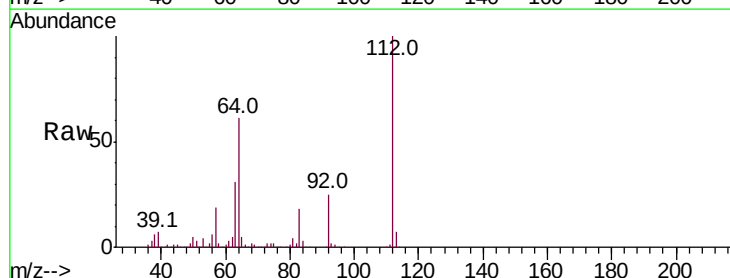
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



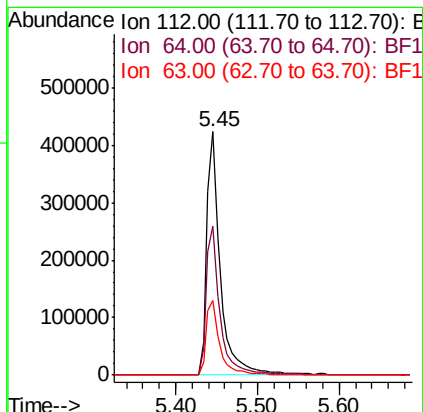
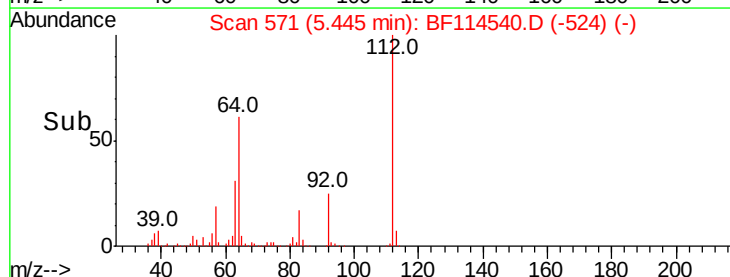
#5

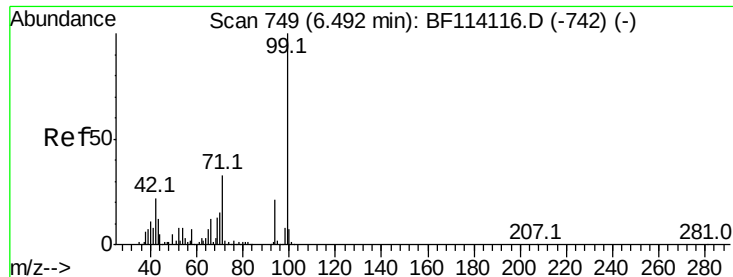
2-Fluorophenol
Concen: 47.826 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF114540.D
Acq: 23 May 2019 22:54

Tgt Ion:112 Resp: 491751
Ion Ratio Lower Upper
112 100
64 61.4 49.0 73.6
63 30.7 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: 74.665 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114540.D

Acq: 23 May 2019 22:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

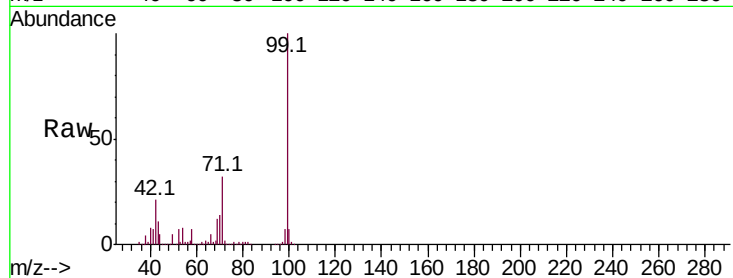
Tot Ion: 99 Resp: 907990

Ion Ratio Lower Upper

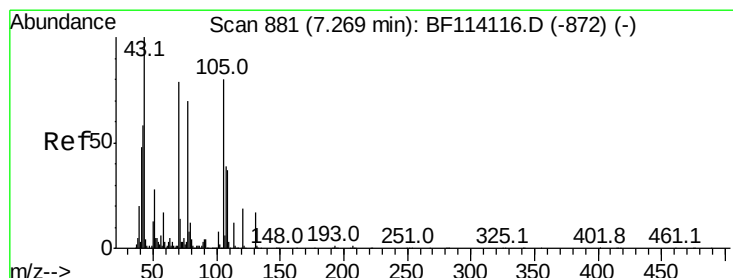
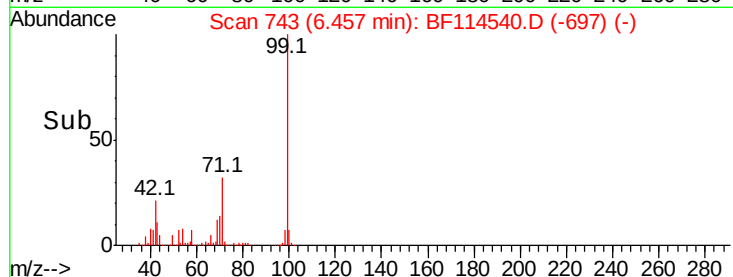
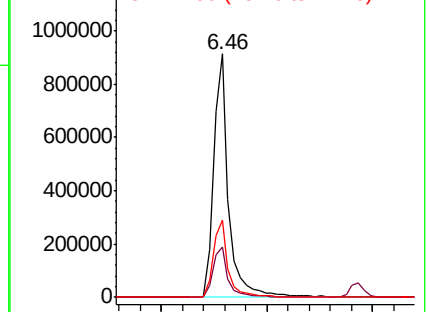
99 100

42 20.6 17.9 26.9

71 31.5 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: 11.160 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114540.D

Acq: 23 May 2019 22:54

Tgt Ion: 70 Resp: 86022

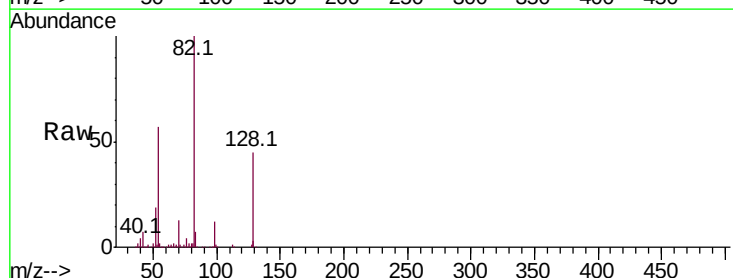
Ion Ratio Lower Upper

70 100

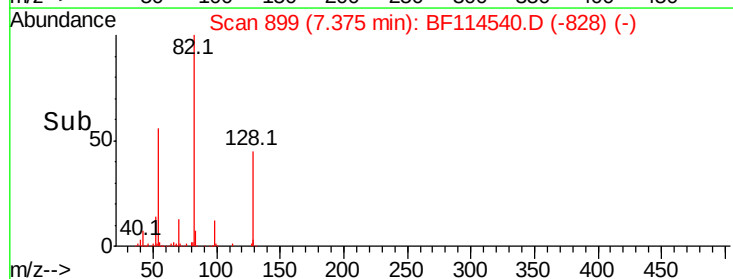
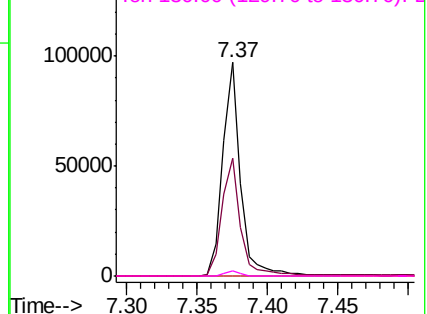
42 55.1 58.6 87.8#

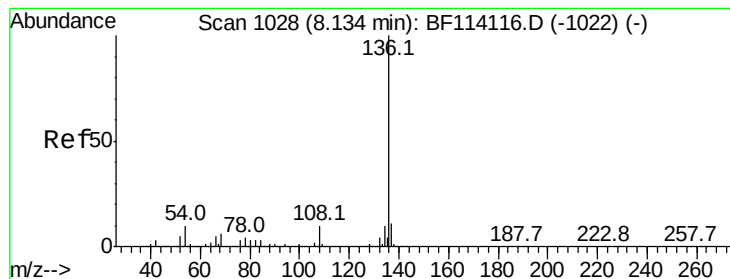
101 0.0 7.8 11.8#

130 2.3 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: 8.09 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BF114540.D

Acq: 23 May 2019 22:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

Tot Ion:136 Resp: 636582

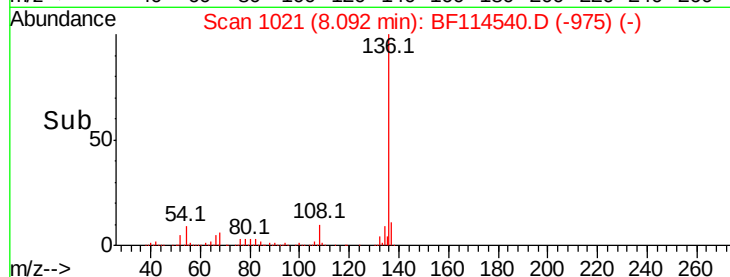
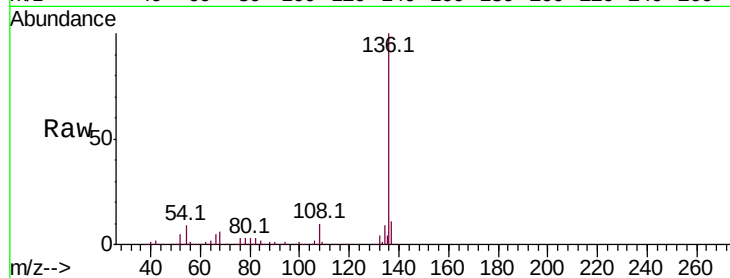
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.4 7.8 11.8

68 5.8 5.1 7.7

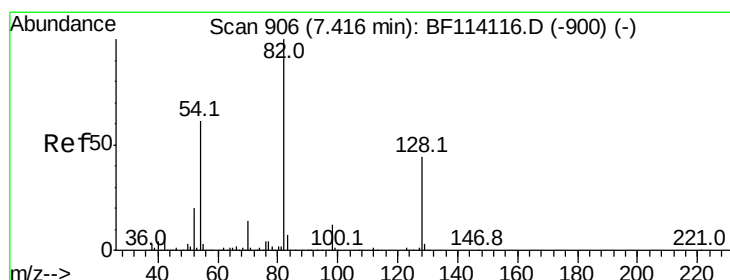
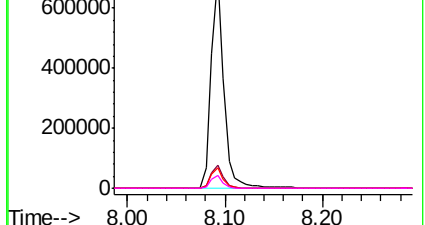


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.995 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF114540.D

Acq: 23 May 2019 22:54

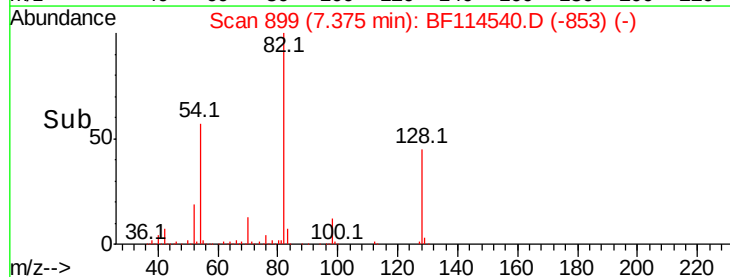
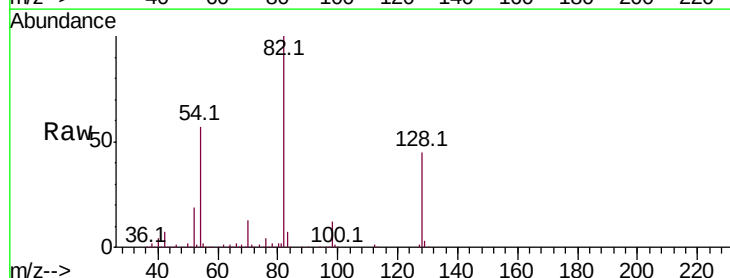
Tgt Ion: 82 Resp: 657855

Ion Ratio Lower Upper

82 100

128 45.0 35.5 53.3

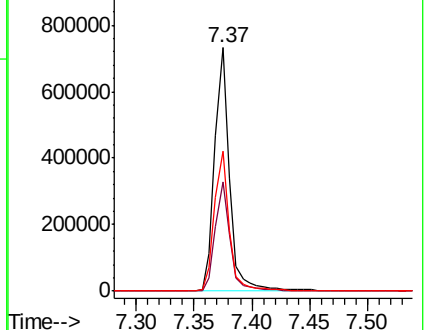
54 57.3 48.5 72.7

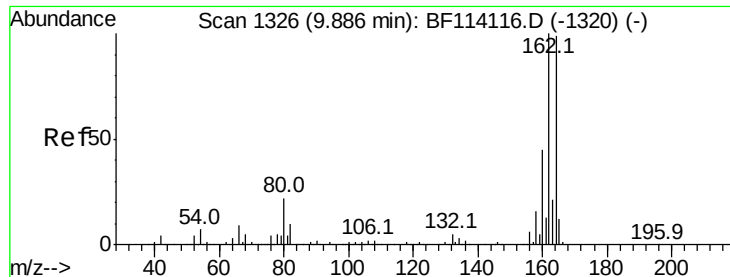


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

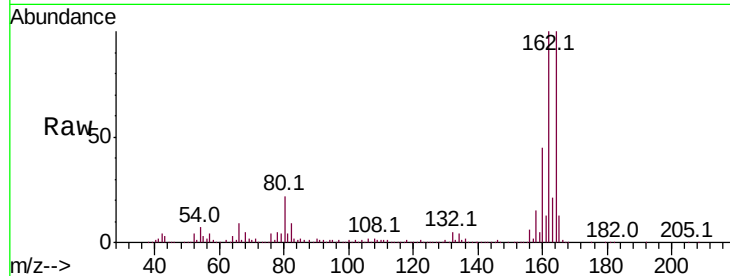




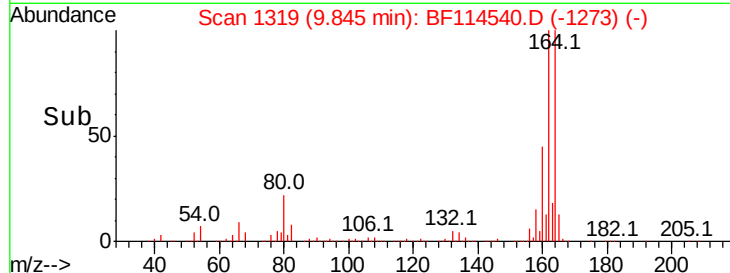
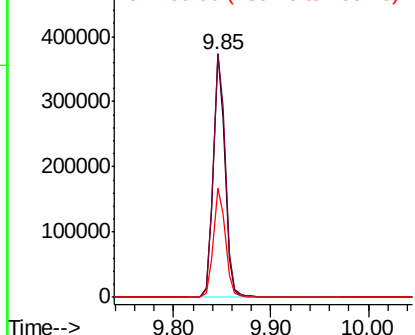
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.03 min
 Lab File: BF114540.D
 Acq: 23 May 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	45.1	36.5	54.7

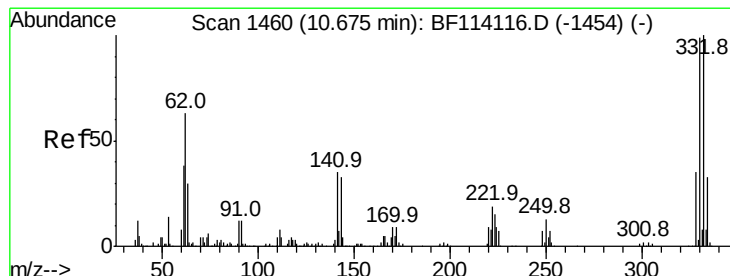


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

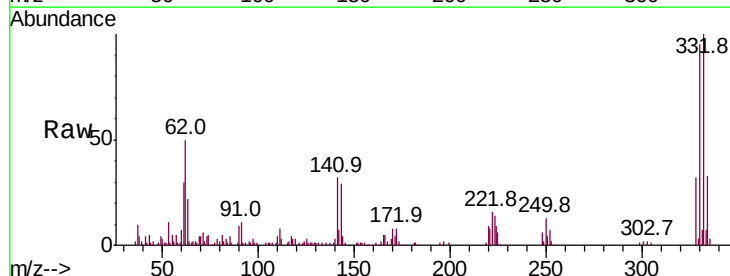
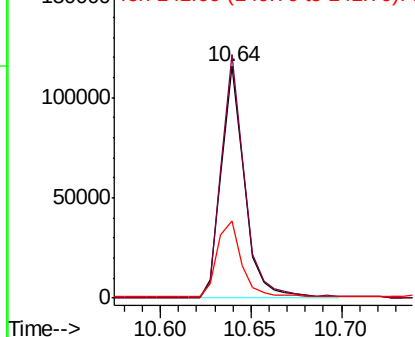


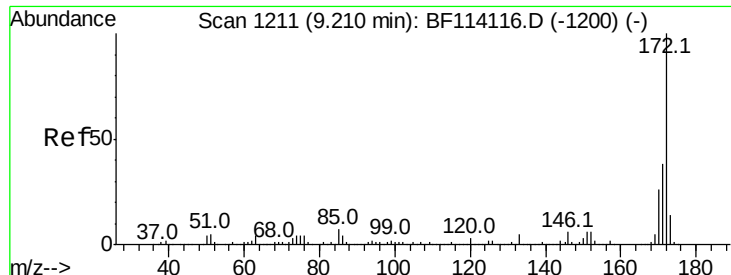
#42
 2,4,6-Tribromophenol
 Concen: 32.486 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF114540.D
 Acq: 23 May 2019 22:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	105.5	81.4	122.2
141	34.8	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

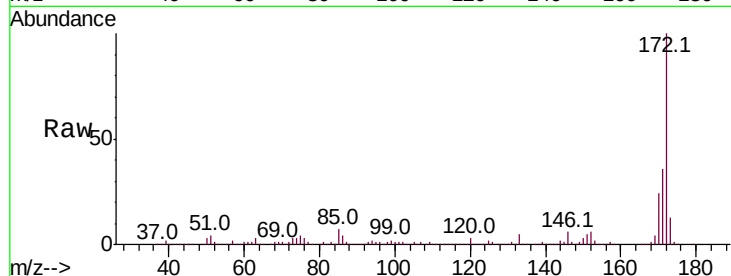




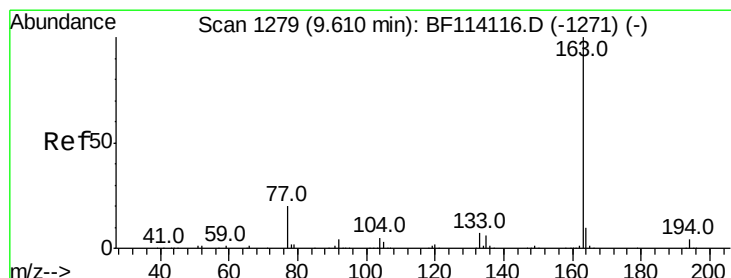
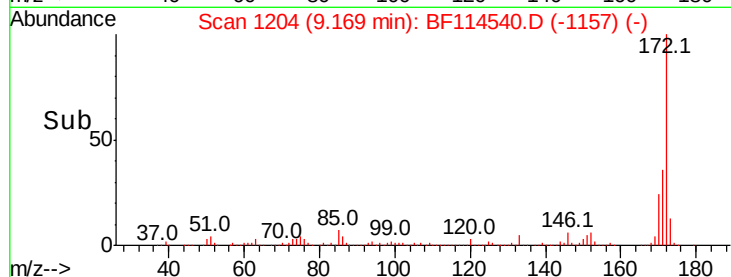
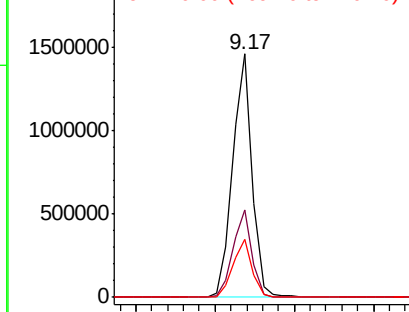
#45
2-Fluorobiphenyl
Concen: 60.136 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF114540.D
Acq: 23 May 2019 22:54

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Tot Ion:172 Resp: 1234148
Ion Ratio Lower Upper
172 100
171 35.9 30.7 46.1
170 24.0 20.5 30.7

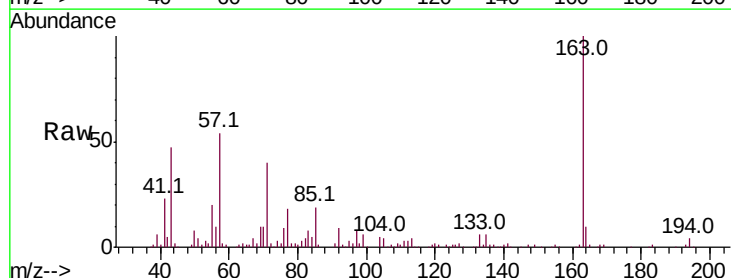


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

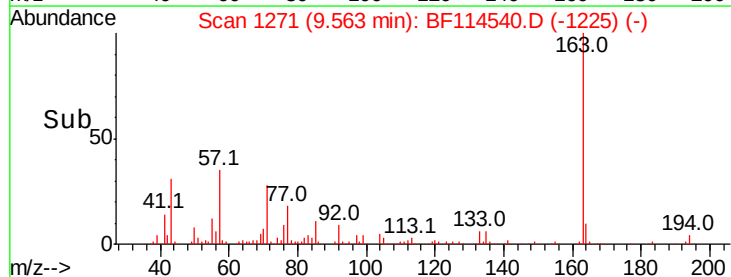
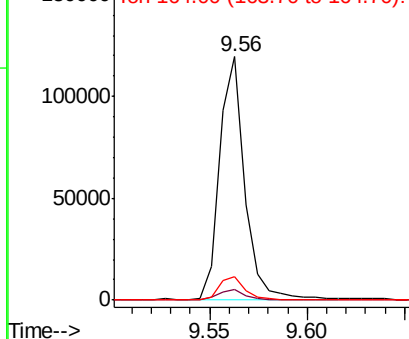


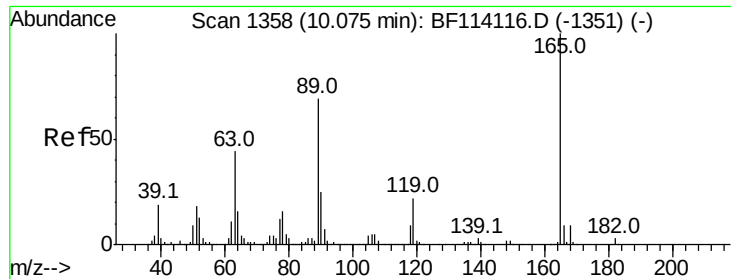
#50
Dimethylphthalate
Concen: 4.639 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF114540.D
Acq: 23 May 2019 22:54

Tgt Ion:163 Resp: 105725
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.8 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

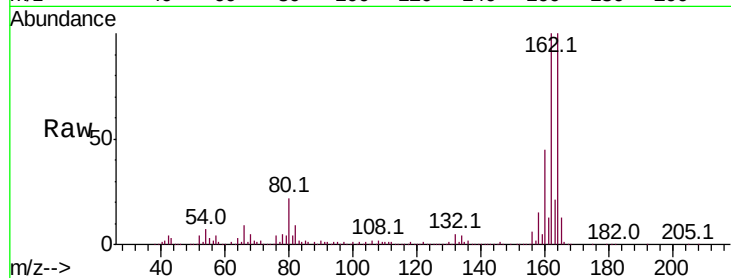




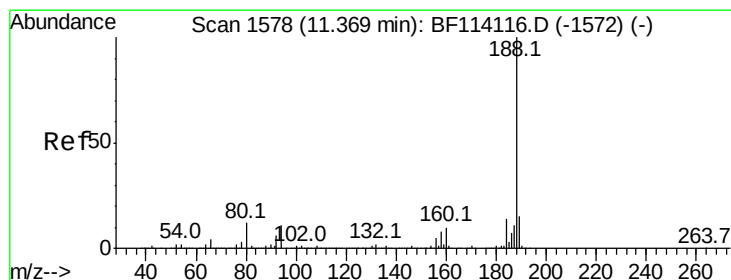
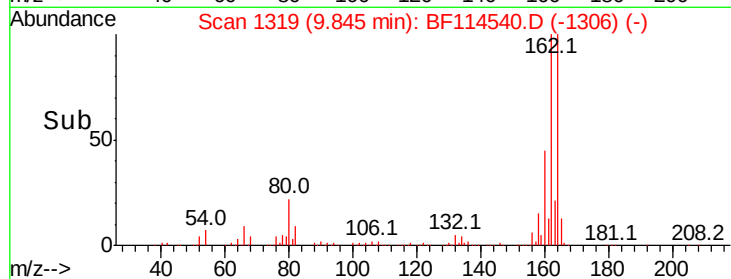
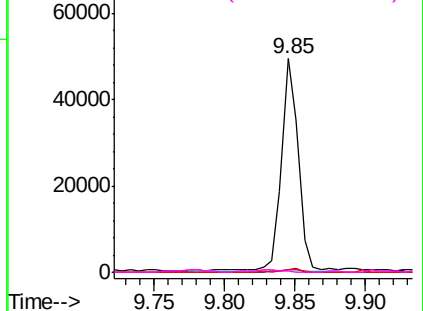
#57
 2,4-Dinitrotoluene
 Concen: 5.968 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.22 min
 Lab File: BF114540.D
 Acq: 23 May 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tot Ion:165	Resp: 40942
Ion Ratio	Lower Upper
165 100	
63 1.4	35.5 53.3#
89 1.4	55.2 82.8#
182 0.9	2.2 3.2#

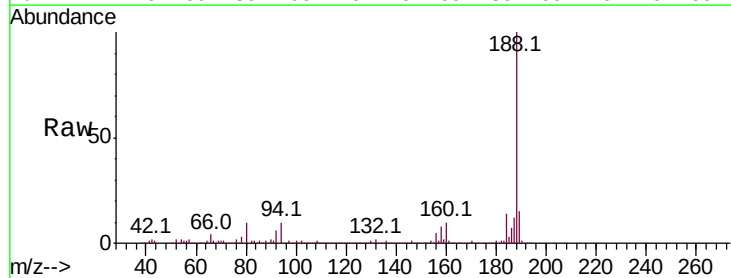


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

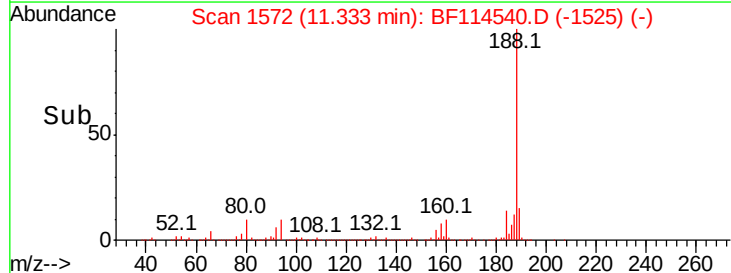
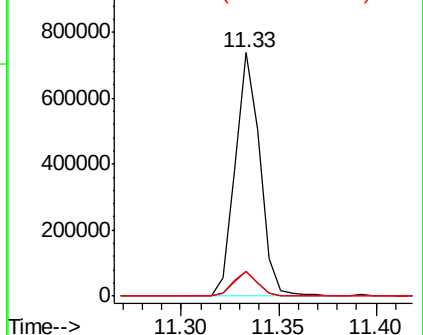


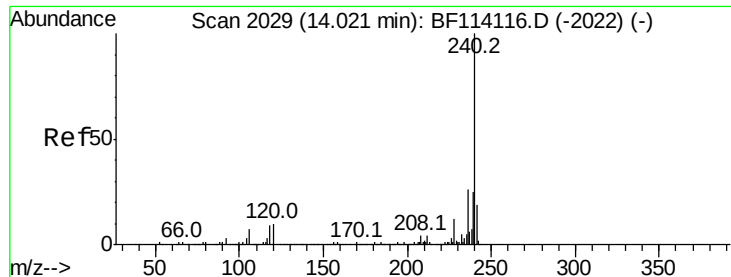
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF114540.D
 Acq: 23 May 2019 22:54

Tgt Ion	188	Resp: Lower	648314 Upper
	Ratio		
188	100		
94	9.9	8.4	12.6
80	10.2	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: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF114540.D

Acq: 23 May 2019 22:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

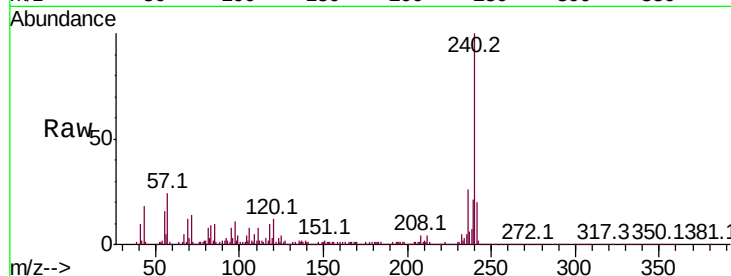
Tot Ion:240 Resp: 451247

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

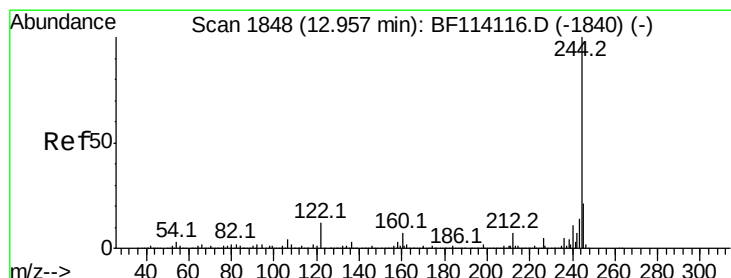
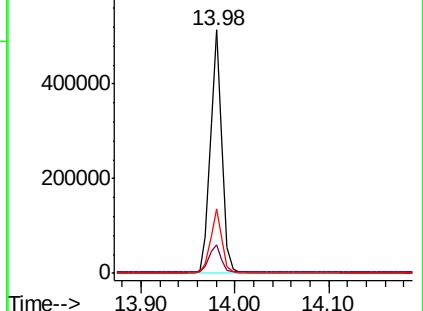
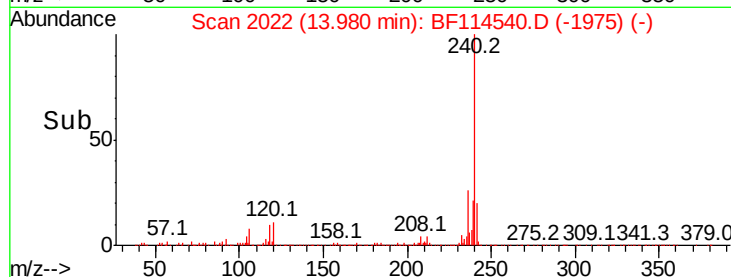
236 26.5 20.8 31.2



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: 63.028 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BF114540.D

Acq: 23 May 2019 22:54

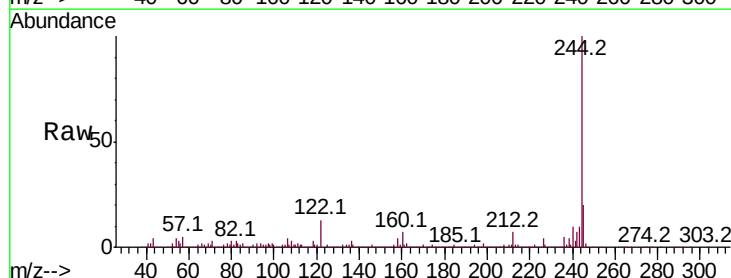
Tgt Ion:244 Resp: 1379675

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

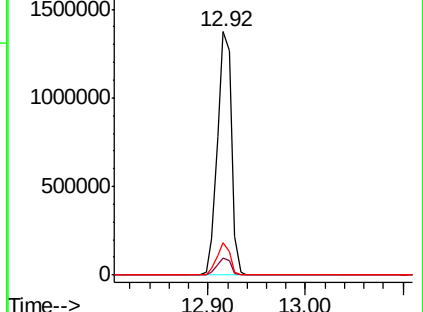
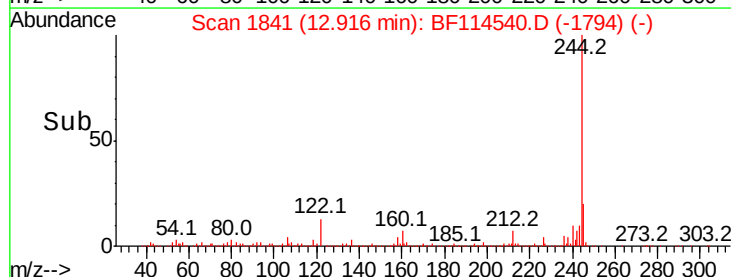
122 13.1 9.4 14.2

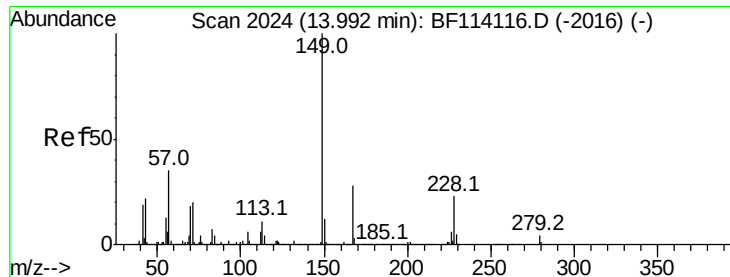


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.357 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF114540.D

Acq: 23 May 2019 22:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

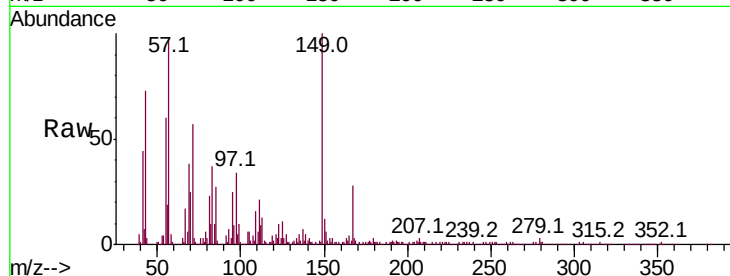
Tot Ion:149 Resp: 147015

Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

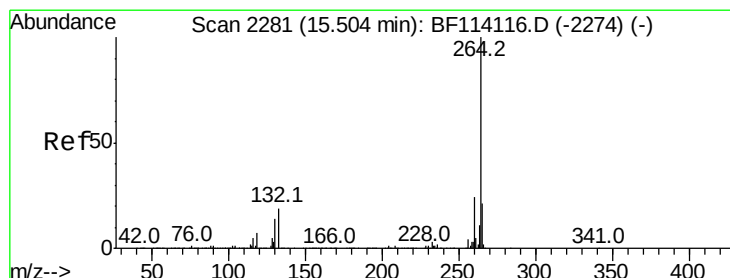
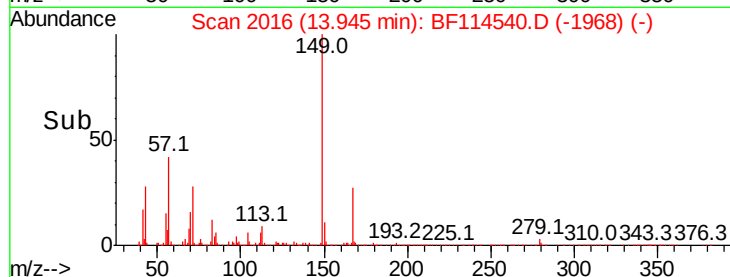
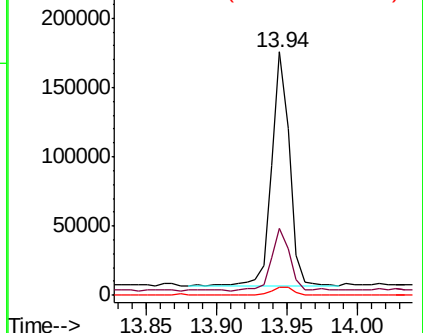
279 3.4 3.0 4.6



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: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF114540.D

Acq: 23 May 2019 22:54

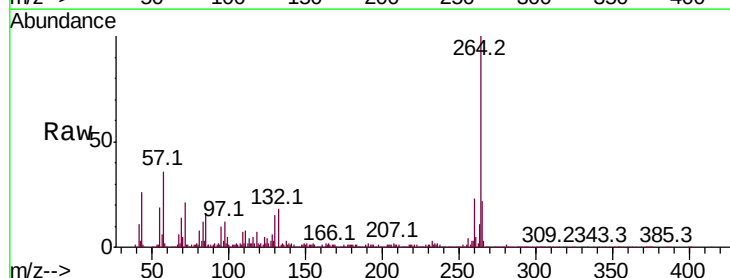
Tgt Ion:264 Resp: 444747

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 22.0 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

