

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114544.D
 Acq On : 24 May 2019 00:40
 Operator : JU/SJ
 Sample : K2753-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Quant Time: May 24 07:21:30 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

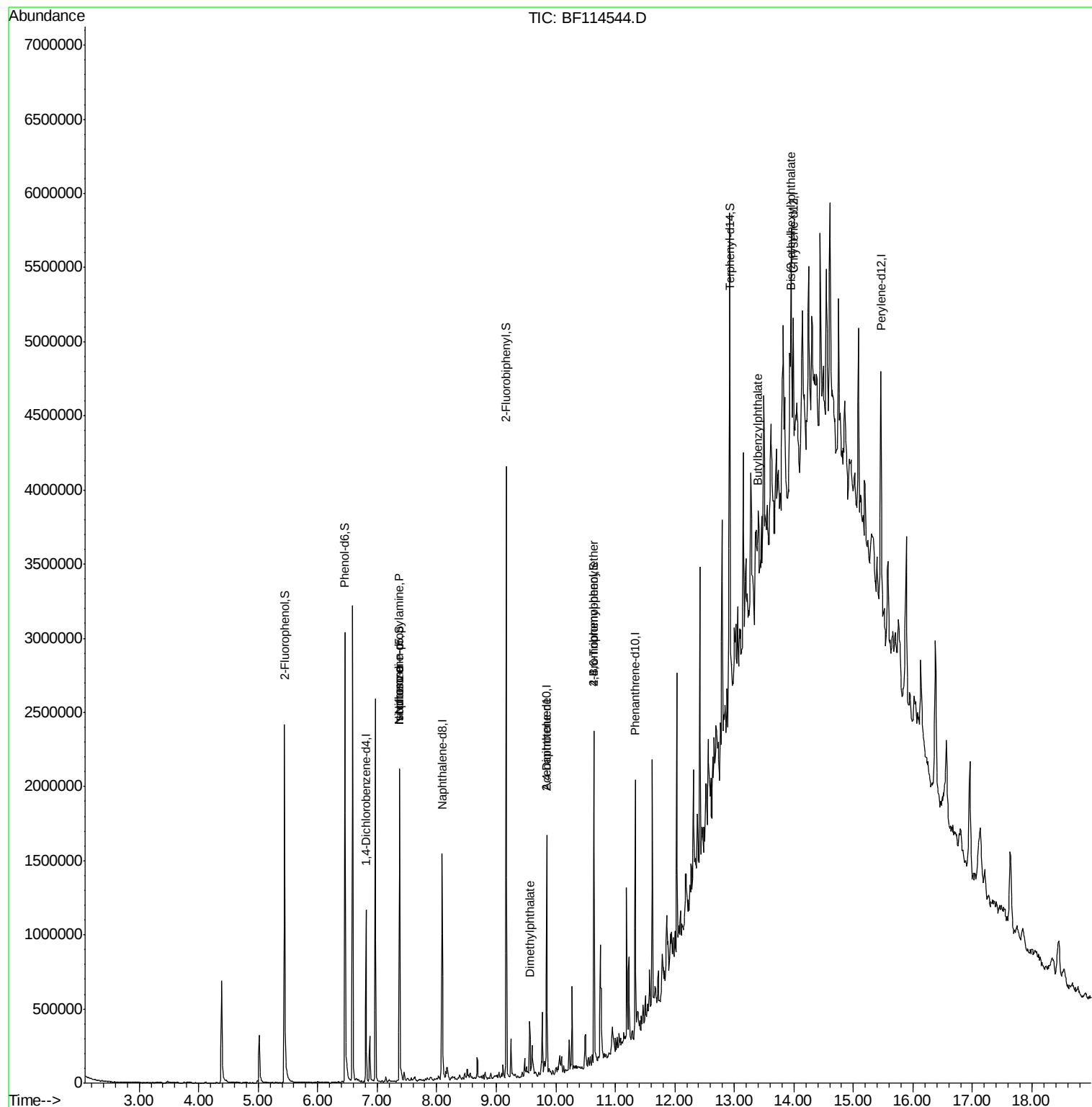
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	164516	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	649213	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	318971	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	634024	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	340734	20.00	ng	-0.01
87) Perylene-d12	15.47	264	378807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	744352	72.81	ng	-0.03
7) Phenol-d6	6.46	99	1022758	84.59	ng	-0.03
23) Nitrobenzene-d5	7.37	82	616152	53.26	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	254207	77.09	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1174201	55.68	ng	-0.02
79) Terphenyl-d14	12.92	244	1036618	62.72	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	84659	11.046	ng	# 75
25) Isophorone	7.37	82	616145	28.719	ng	# 64
50) Dimethylphthalate	9.56	163	98079	4.189	ng	99
57) 2,4-Dinitrotoluene	9.85	165	42170	5.982	ng	# 26
67) 4-Bromophenyl-phenylether	10.64	248	16164	2.315	ng	# 1
80) Butylbenzylphthalate	13.39	149	50009	4.335	ng	90
84) Bis(2-ethylhexyl)phthalate	13.96	149	488773	32.392	ng	99

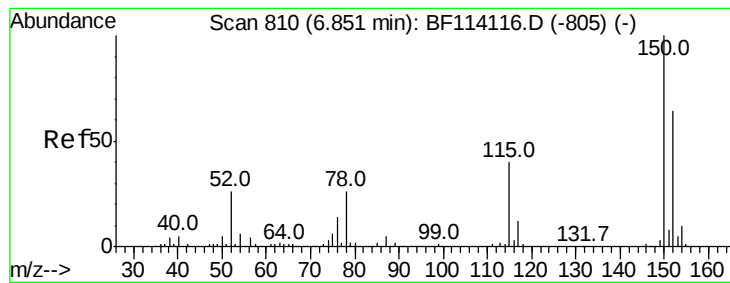
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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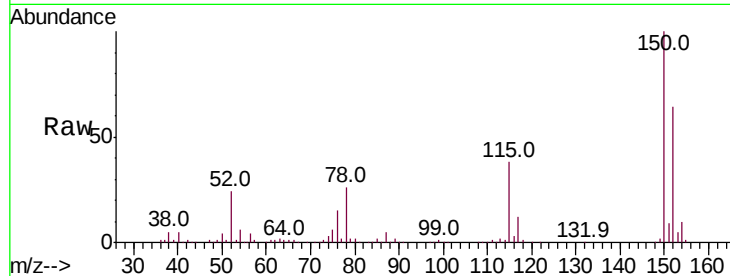


#1

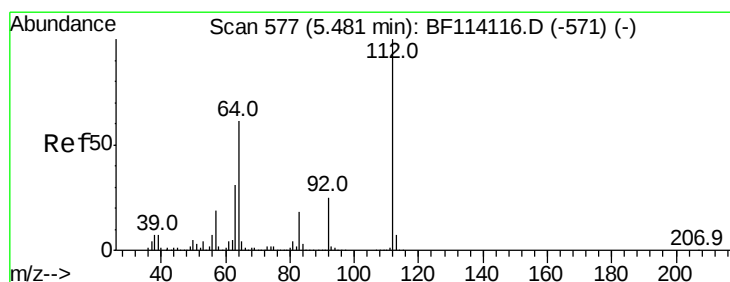
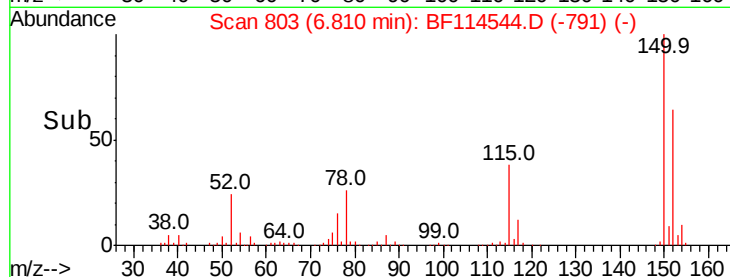
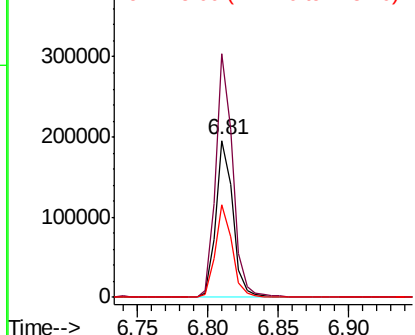
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114544.D
Acq: 24 May 2019 00:40

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

Tot Ion:152 Resp: 164516
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 59.2 49.1 73.7



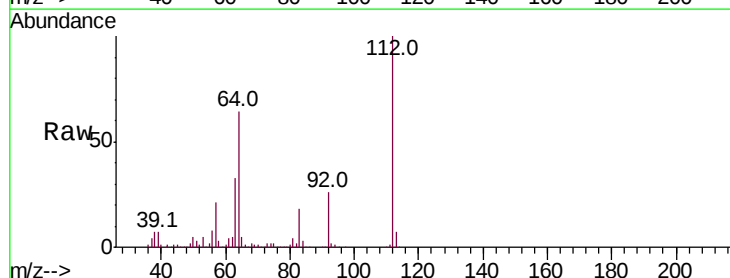
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



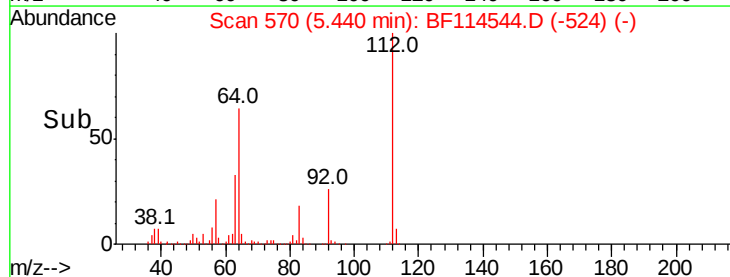
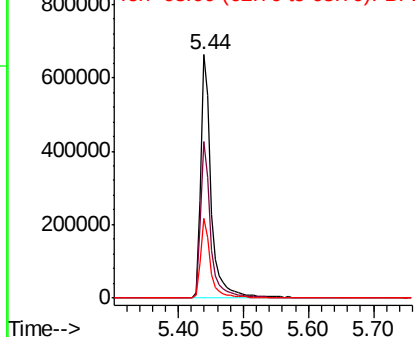
#5

2-Fluorophenol
Concen: 72.811 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF114544.D
Acq: 24 May 2019 00:40

Tgt Ion:112 Resp: 744352
Ion Ratio Lower Upper
112 100
64 64.1 49.0 73.6
63 32.7 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: 84.587 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

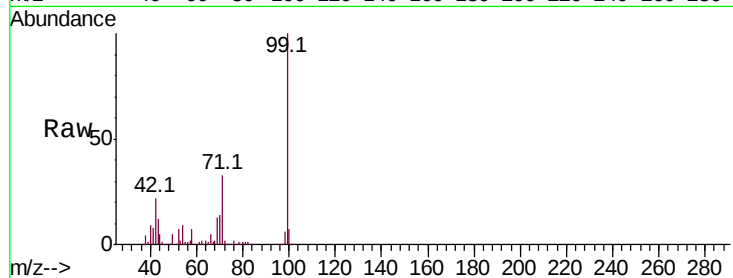
Tot Ion: 99 Resp: 1022758

Ion Ratio Lower Upper

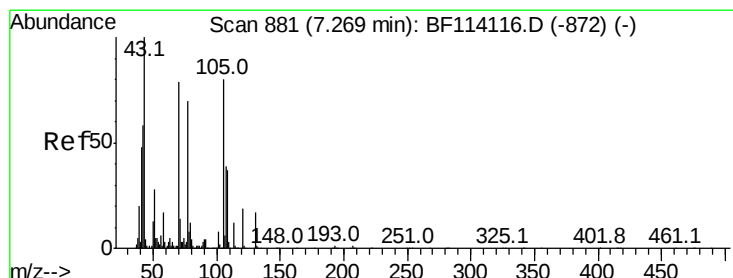
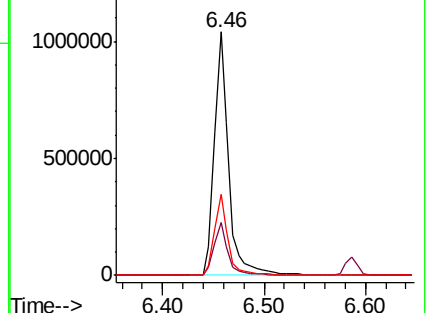
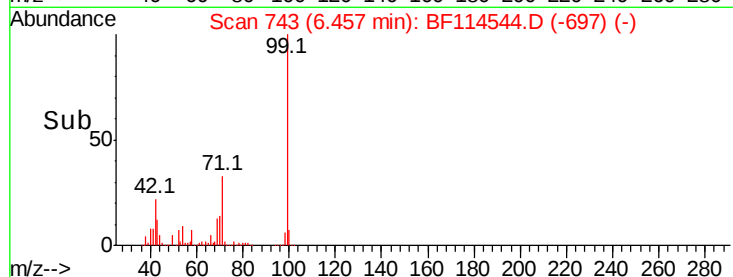
99 100

42 21.9 17.9 26.9

71 33.1 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: 11.046 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

Tgt Ion: 70 Resp: 84659

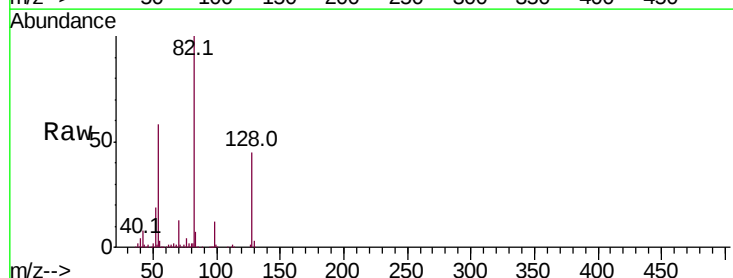
Ion Ratio Lower Upper

70 100

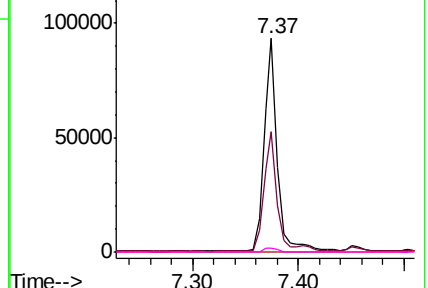
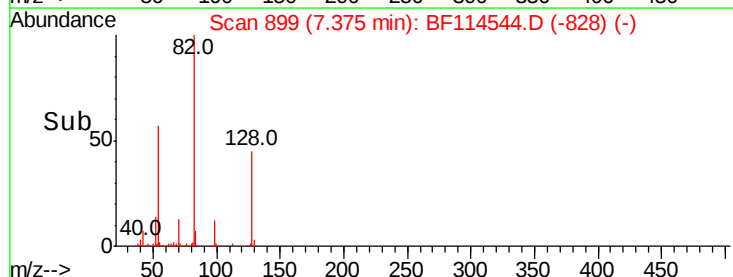
42 56.2 58.6 87.8#

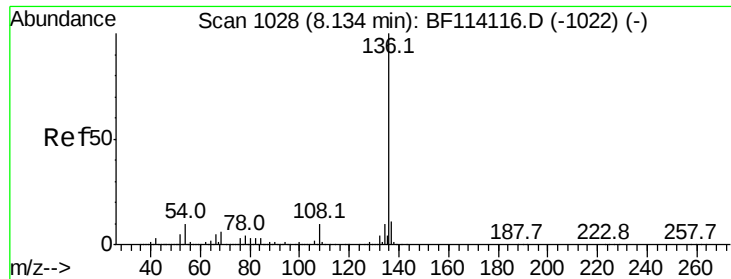
101 0.0 7.8 11.8#

130 2.1 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: BF114544.D

Acq: 24 May 2019 00:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

Tot Ion:136 Resp: 649213

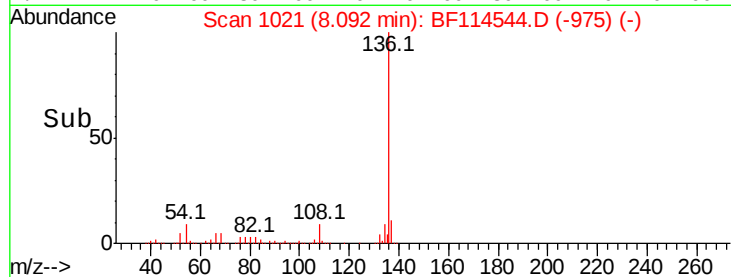
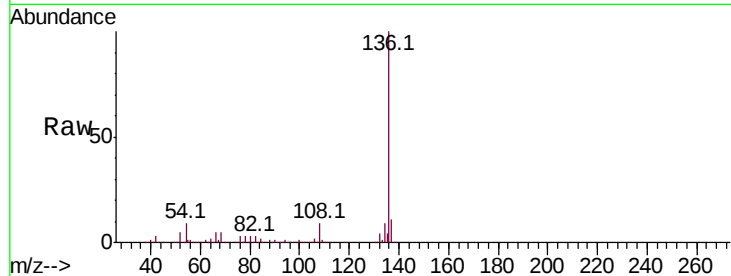
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.9 7.8 11.8

68 5.2 5.1 7.7

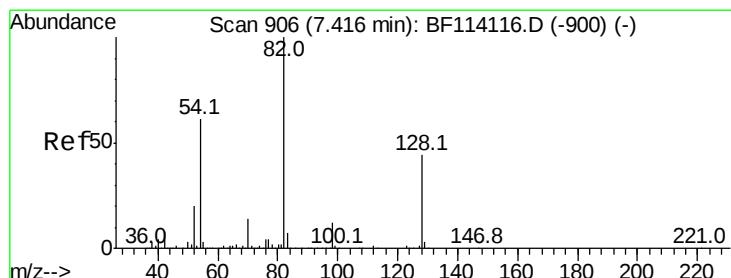
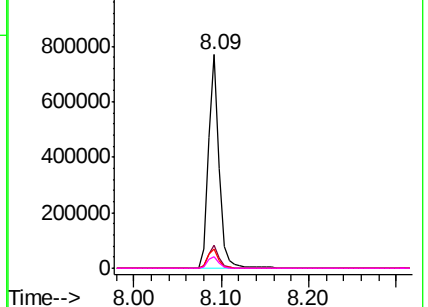


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.262 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

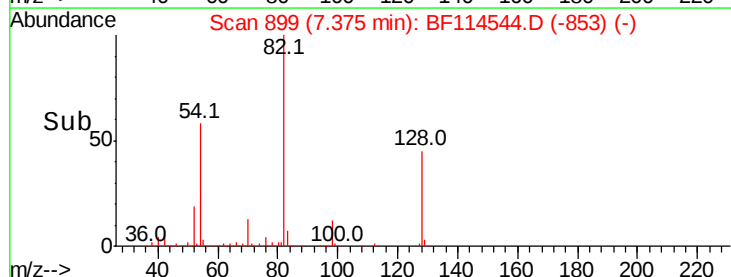
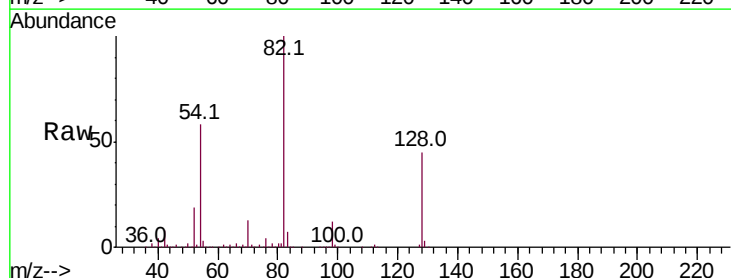
Tgt Ion: 82 Resp: 616152

Ion Ratio Lower Upper

82 100

128 44.8 35.5 53.3

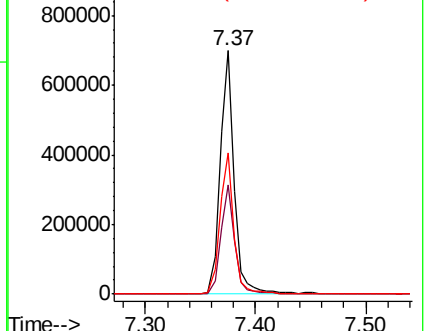
54 58.1 48.5 72.7



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: 28.719 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

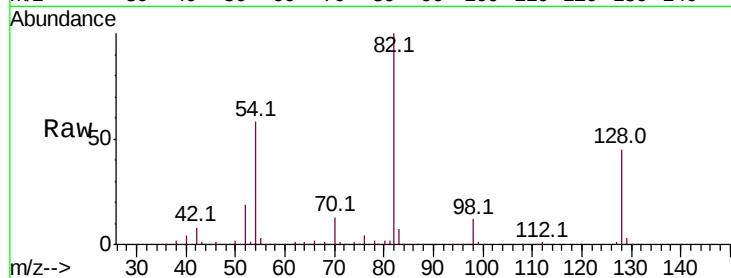
Tot Ion: 82 Resp: 616145

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

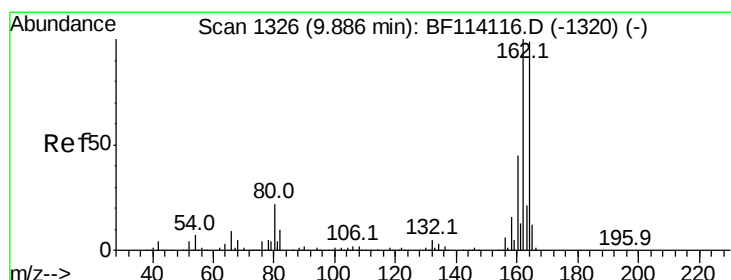
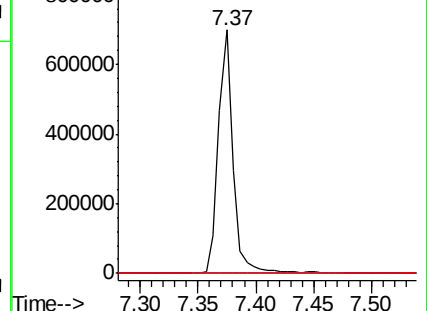
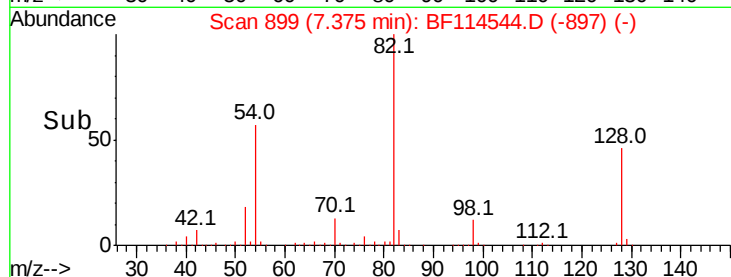
138 0.0 14.8 22.2#



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: 9.85 min Scan# 1319

Delta R.T. -0.03 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

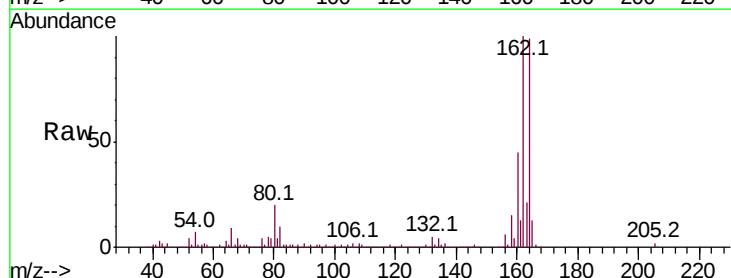
Tgt Ion:164 Resp: 318971

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

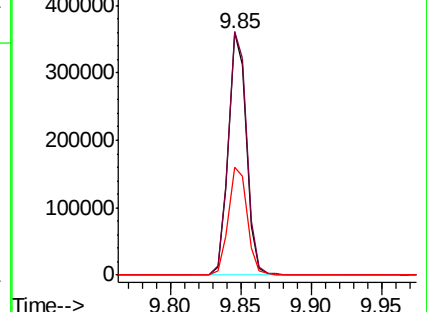
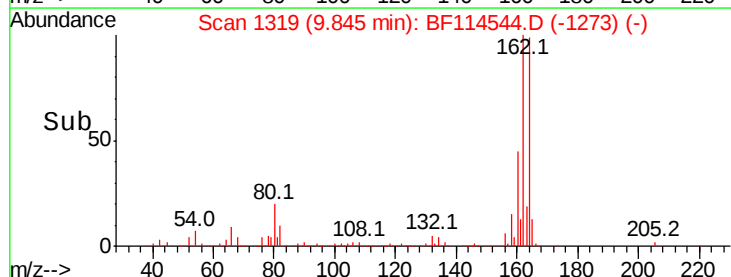
160 44.9 36.5 54.7

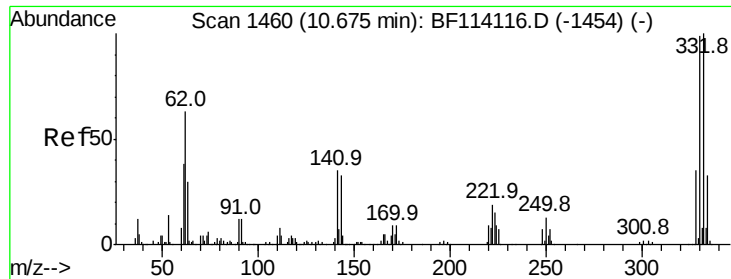


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

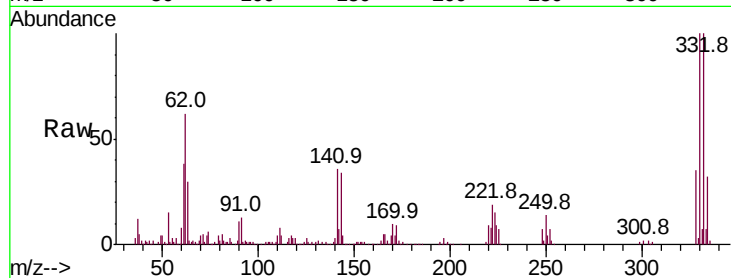




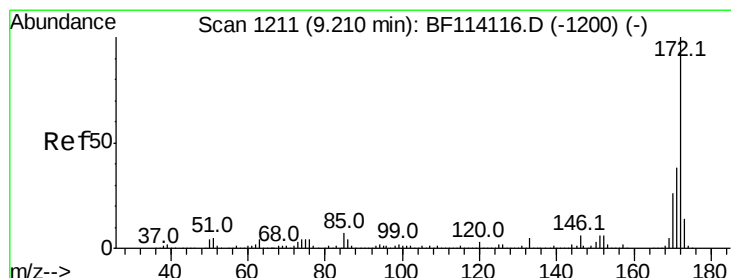
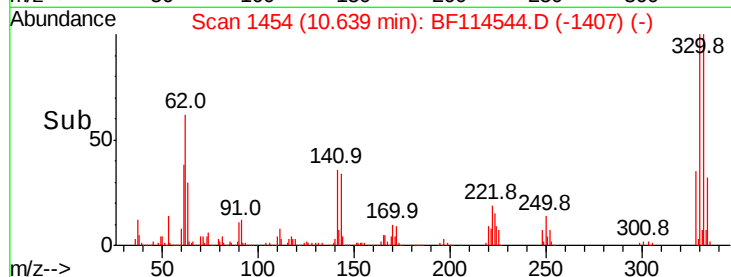
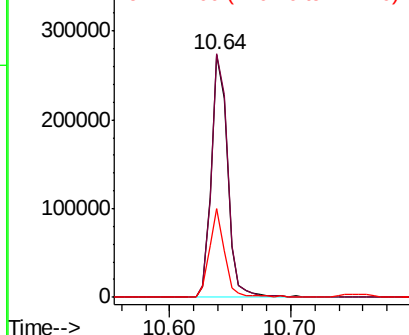
#42
 2,4,6-Tribromophenol
 Concen: 77.088 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF114544.D
 Acq: 24 May 2019 00:40

Instrument :
 BNA_F
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 CONCRETE-3

Tot Ion:330 Resp: 254207
 Ion Ratio Lower Upper
 330 100
 332 100.8 81.4 122.2
 141 33.5 26.6 40.0

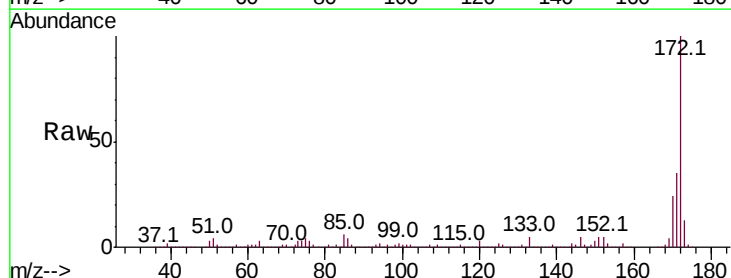


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

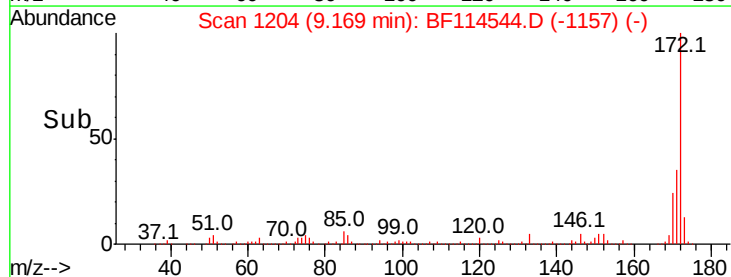
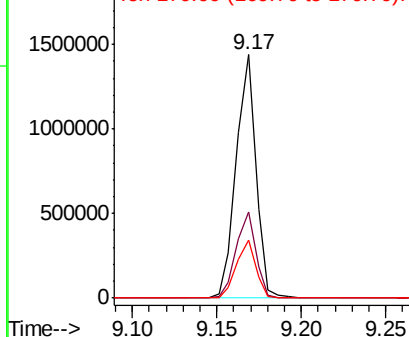


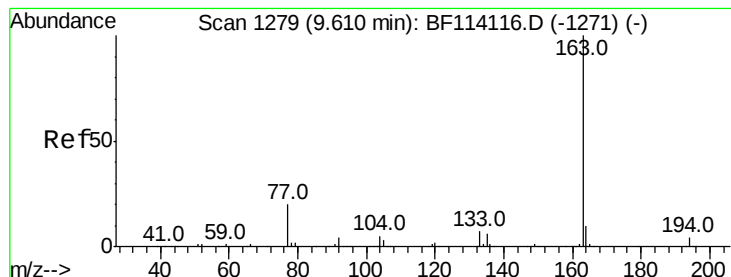
#45
 2-Fluorobiphenyl
 Concen: 55.684 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114544.D
 Acq: 24 May 2019 00:40

Tgt Ion:172 Resp: 1174201
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.7 46.1
 170 23.7 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: 4.189 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.03 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

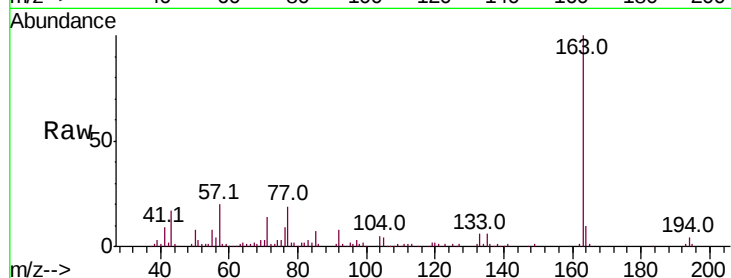
Tot Ion:163 Resp: 98079

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

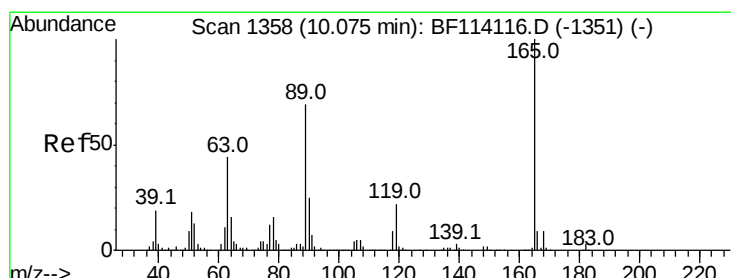
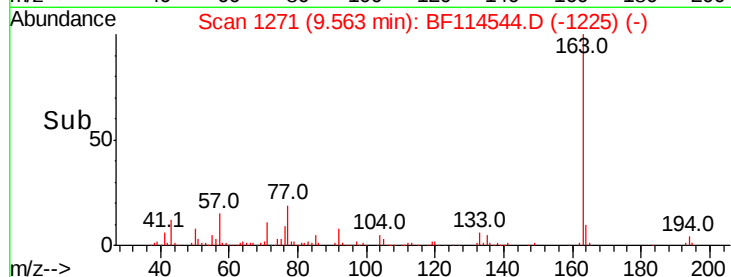
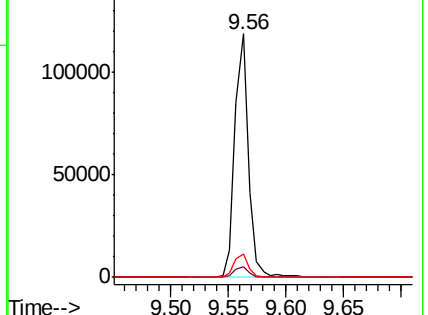
164 9.6 8.2 12.2



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: 5.982 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.22 min

Lab File: BF114544.D

Acq: 24 May 2019 00:40

Tgt Ion:165 Resp: 42170

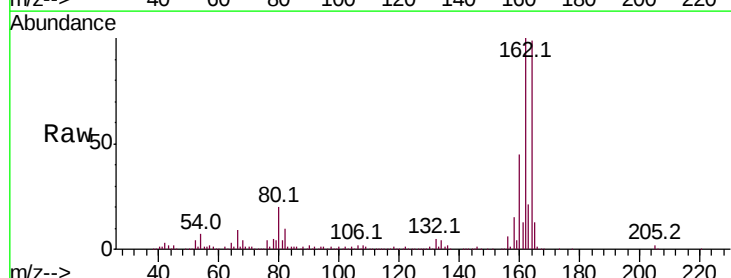
Ion Ratio Lower Upper

165 100

63 1.4 35.5 53.3#

89 2.7 55.2 82.8#

182 0.0 2.2 3.2#

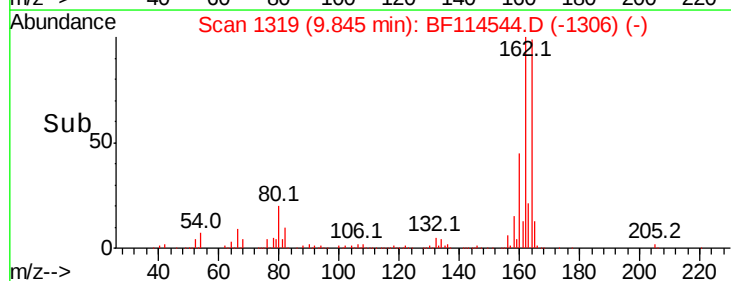
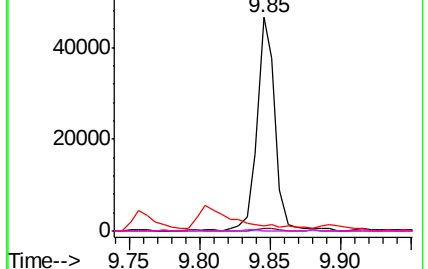


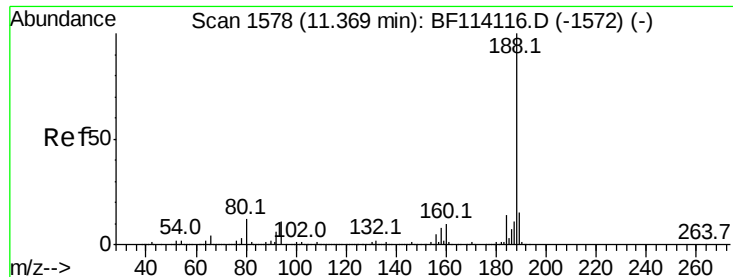
Abundance Ion 165.00 (164.70 to 165.70): E

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

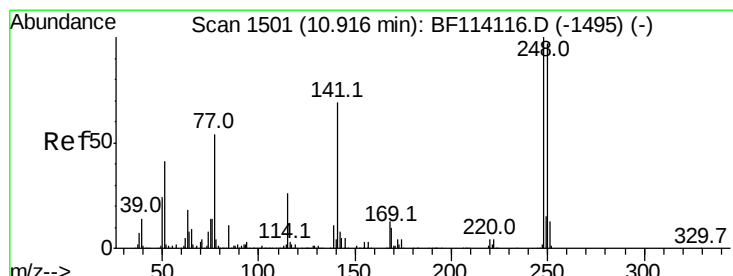
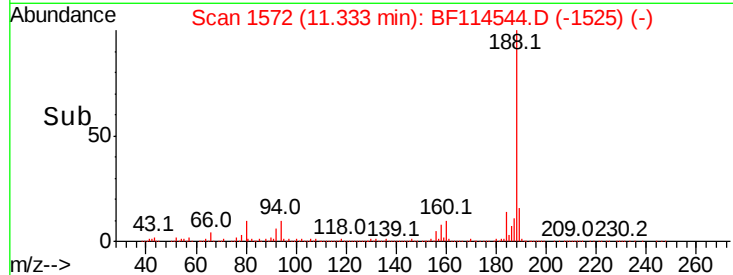
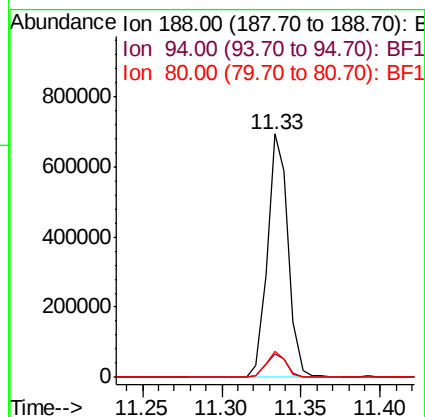
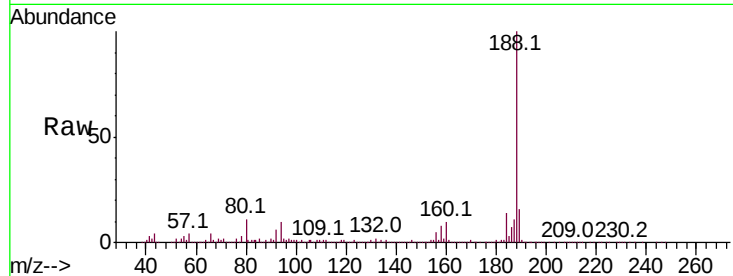




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF114544.D
Acq: 24 May 2019 00:40

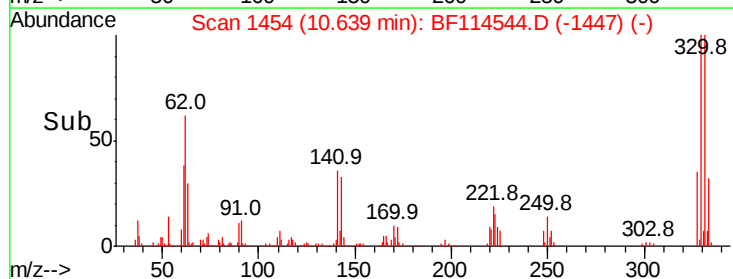
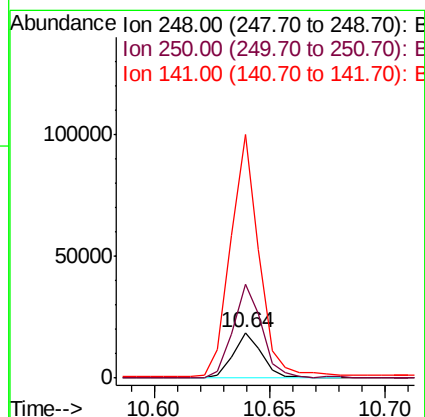
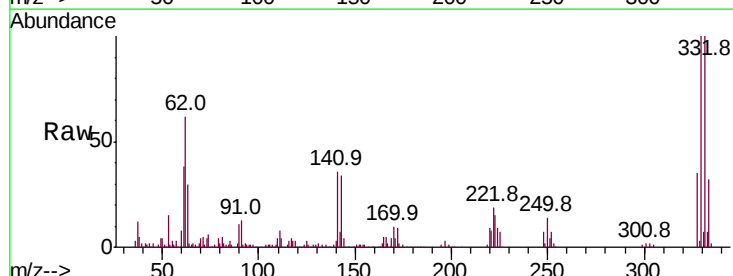
Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

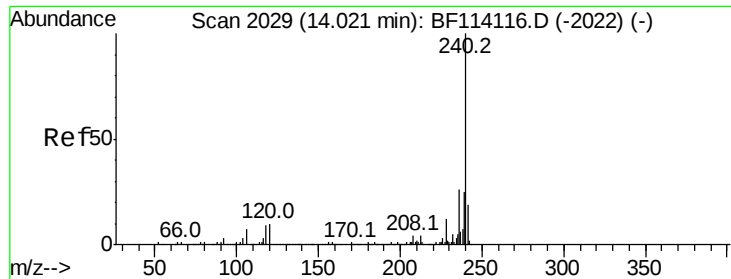
Tot Ion:188 Resp: 634024
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 10.6 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 2.315 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.26 min
Lab File: BF114544.D
Acq: 24 May 2019 00:40

Tgt Ion:248 Resp: 16164
Ion Ratio Lower Upper
248 100
250 205.8 77.4 116.2#
141 535.9 55.6 83.4#

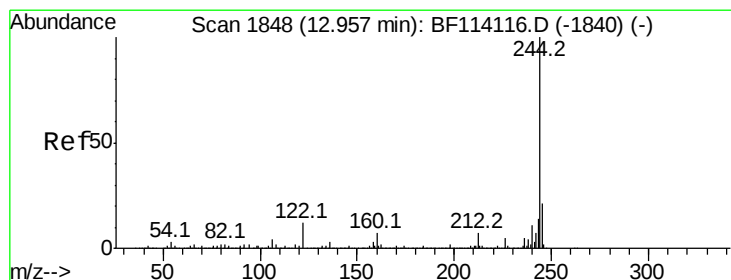
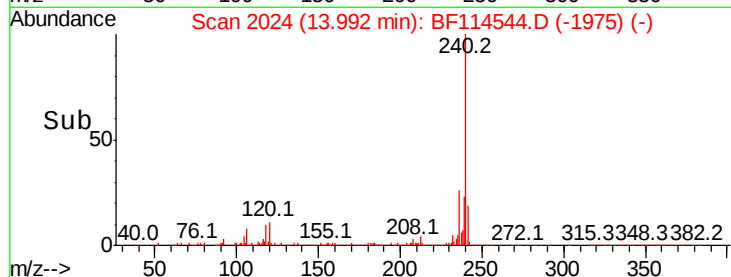
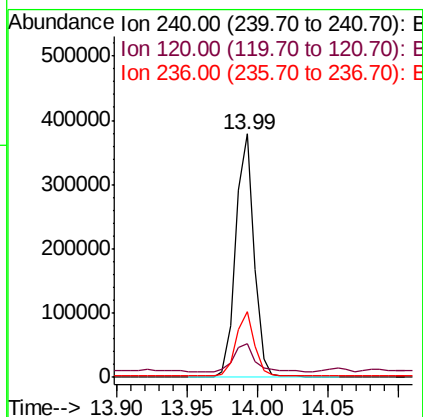
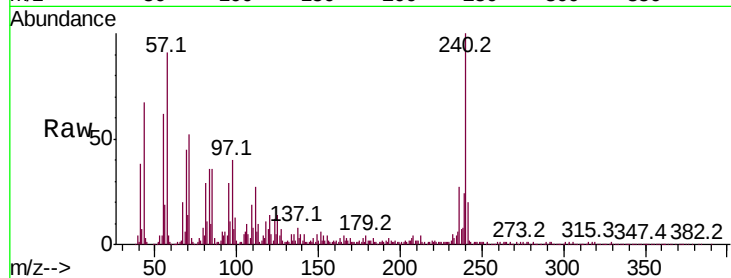




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF114544.D
 Acq: 24 May 2019 00:40

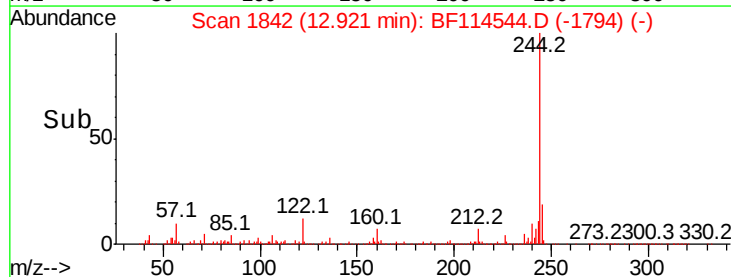
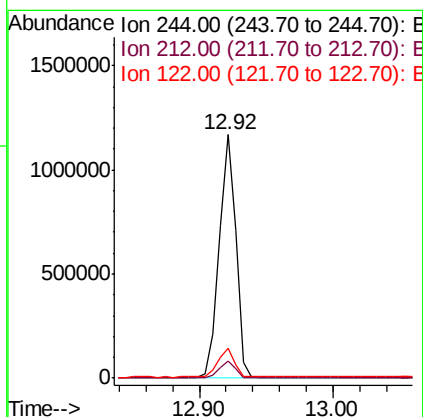
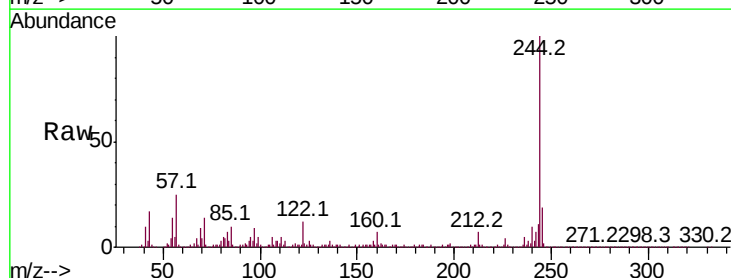
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

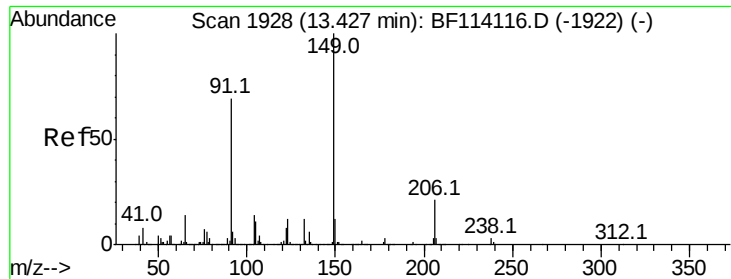
Tot Ion:240 Resp: 340734
 Ion Ratio Lower Upper
 240 100
 120 13.6 8.3 12.5#
 236 27.0 20.8 31.2



#79
 Terphenyl-d14
 Concen: 62.715 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF114544.D
 Acq: 24 May 2019 00:40

Tgt Ion:244 Resp: 1036618
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 12.4 9.4 14.2

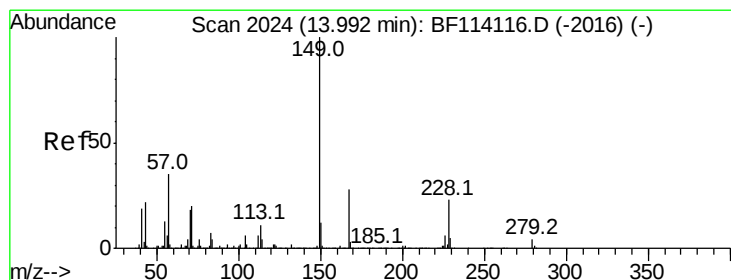
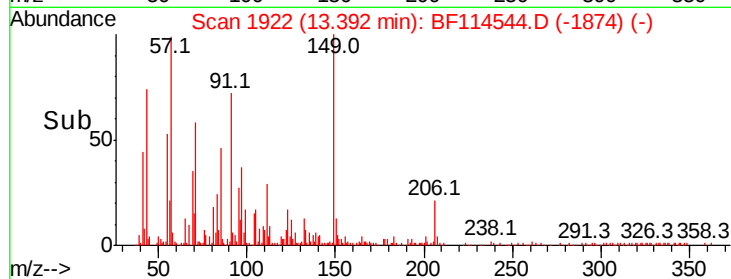
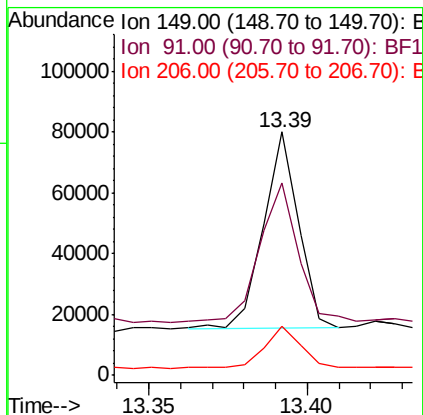
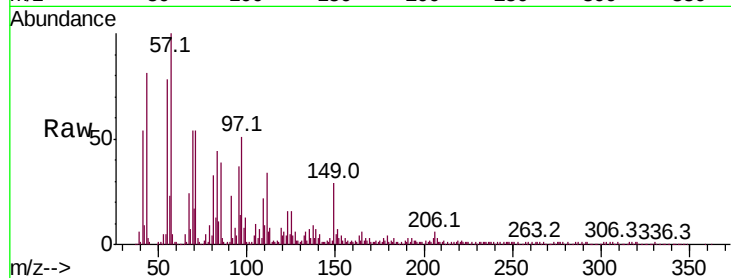




#80
 Butylbenzylphthalate
 Concen: 4.335 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BF114544.D
 Acq: 24 May 2019 00:40

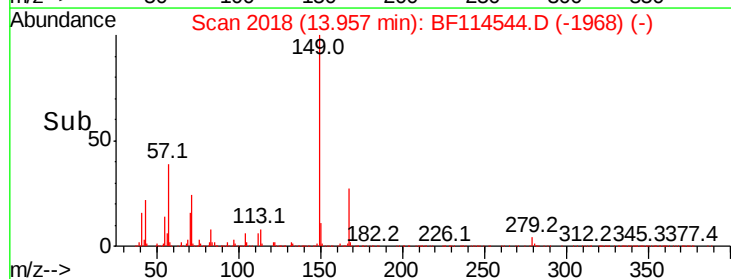
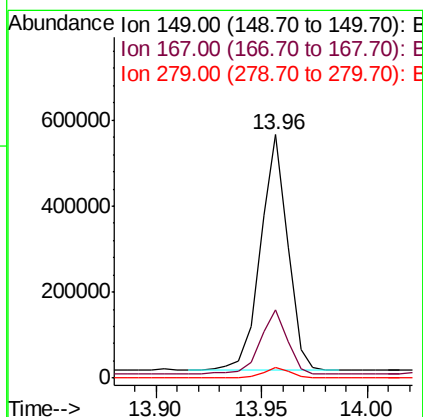
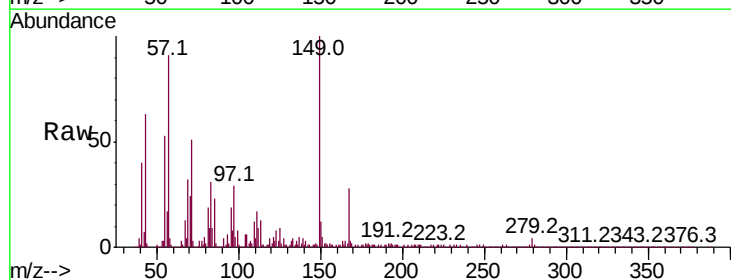
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

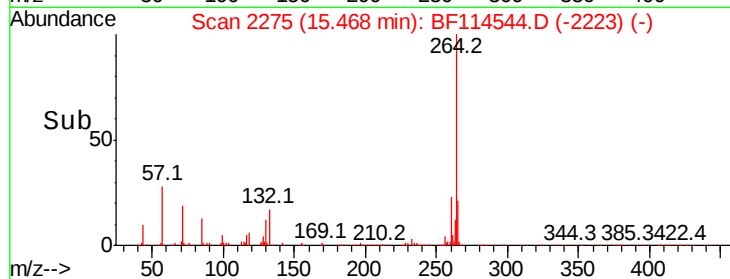
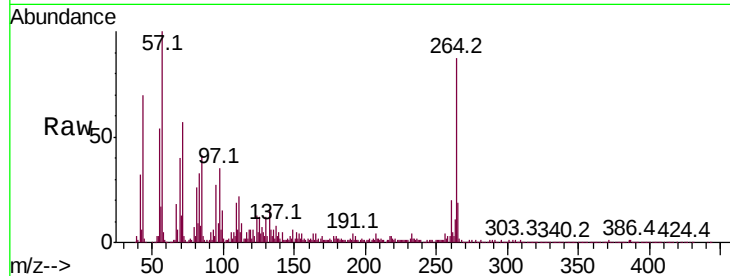
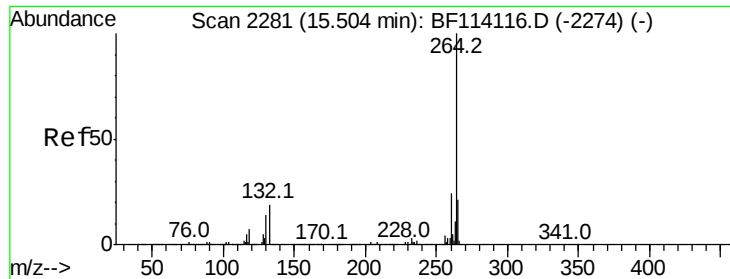
Tot Ion:149 Resp: 50009
 Ion Ratio Lower Upper
 149 100
 91 78.9 55.0 82.4
 206 20.3 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 32.392 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF114544.D
 Acq: 24 May 2019 00:40

Tgt Ion:149 Resp: 488773
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.6 33.8
 279 4.2 3.0 4.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF114544.D
Acq: 24 May 2019 00:40

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.9	16.9	25.3

