

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 07:22:05 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

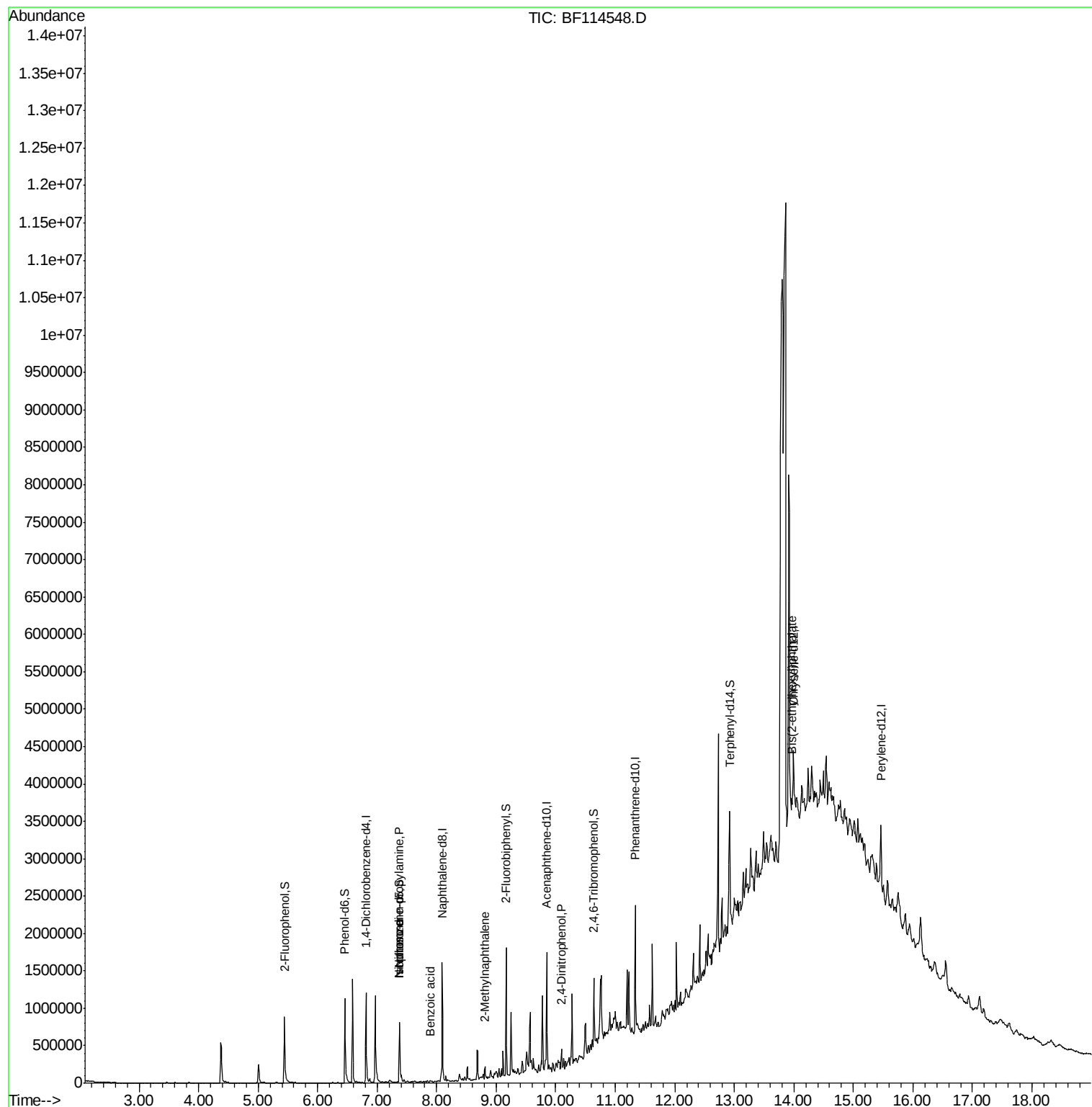
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	166878	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	663381	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	326955	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	626517	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	350024	20.00	ng	-0.01
87) Perylene-d12	15.46	264	407464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	319356	30.80	ng	-0.03
7) Phenol-d6	6.46	99	456635	37.23	ng	-0.03
23) Nitrobenzene-d5	7.37	82	269485	22.80	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	107490	31.80	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	554328	25.65	ng	-0.02
79) Terphenyl-d14	12.92	244	486255	28.64	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	36363	4.678	ng	# 75
25) Isophorone	7.37	82	269481	12.292	ng	# 64
32) Benzoic acid	7.90	122	4120	7.558	ng	87
37) 2-Methylnaphthalene	8.81	142	44167	2.209	ng	97
54) 2,4-Dinitrophenol	10.10	184	159	6.800	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.96	149	77346	4.990	ng	# 90

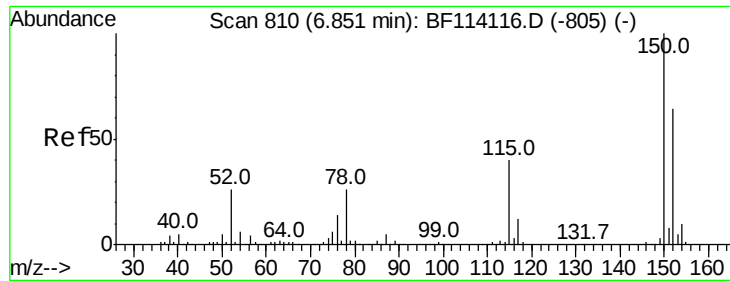
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 07:22:05 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



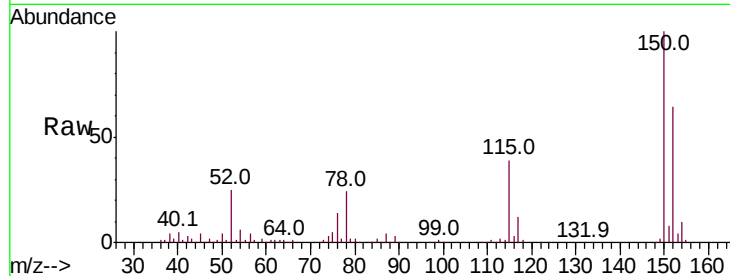


#1

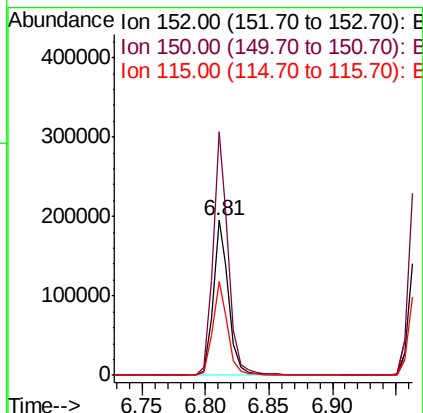
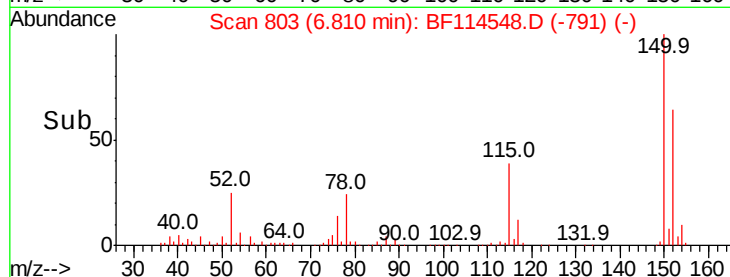
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.03 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2RE

Tot Ion:152 Resp: 166878
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.3 186.5
 115 61.0 49.1 73.7



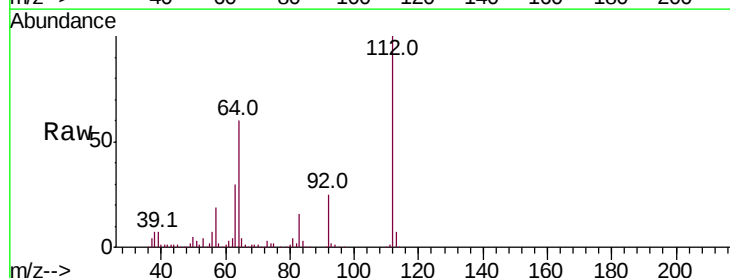
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



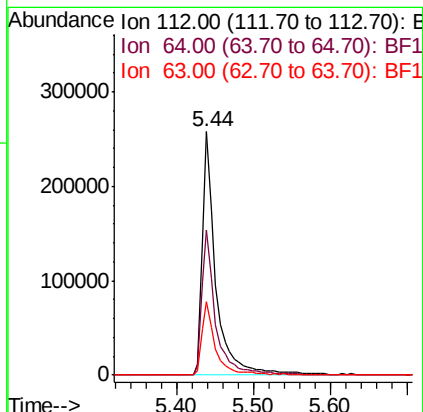
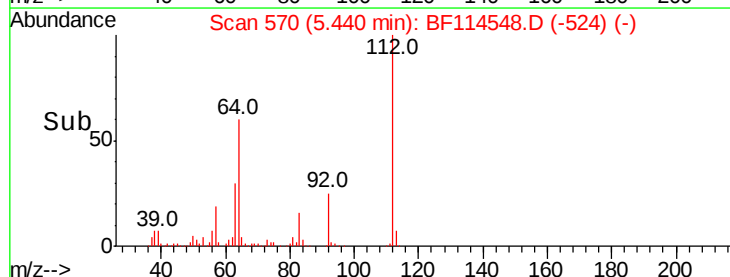
#5

2-Fluorophenol
 Concen: 30.797 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Tgt Ion:112 Resp: 319356
 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: 37.231 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2RE

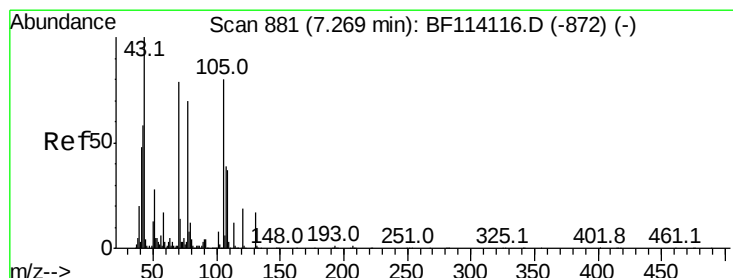
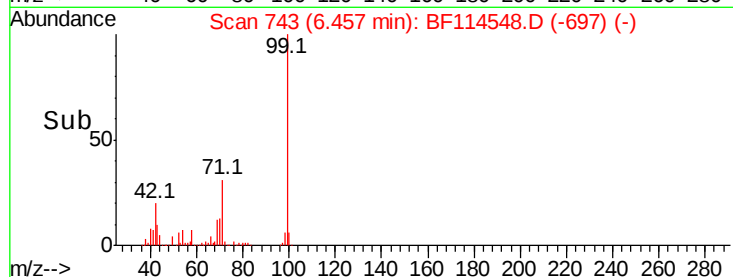
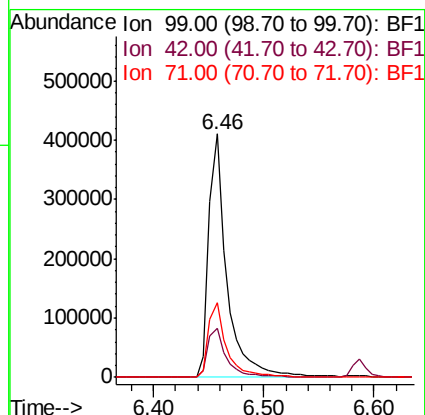
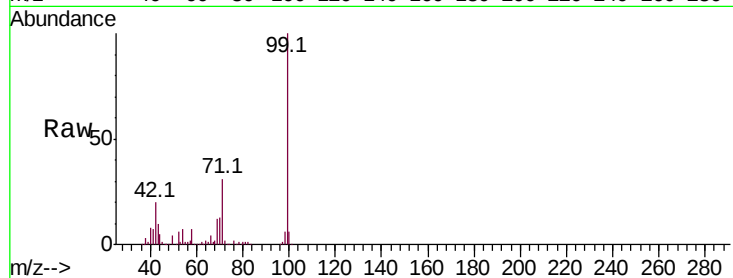
Tot Ion: 99 Resp: 456635

Ion Ratio Lower Upper

99 100

42 20.4 17.9 26.9

71 30.8 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 4.678 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Tgt Ion: 70 Resp: 36363

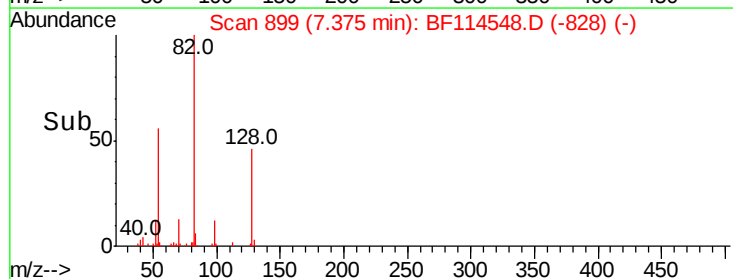
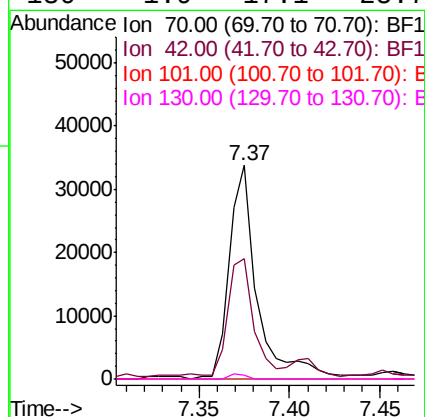
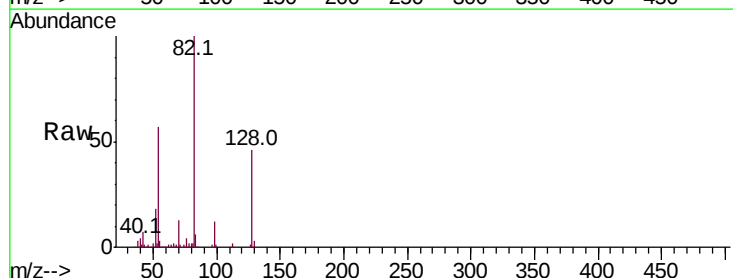
Ion Ratio Lower Upper

70 100

42 56.5 58.6 87.8#

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

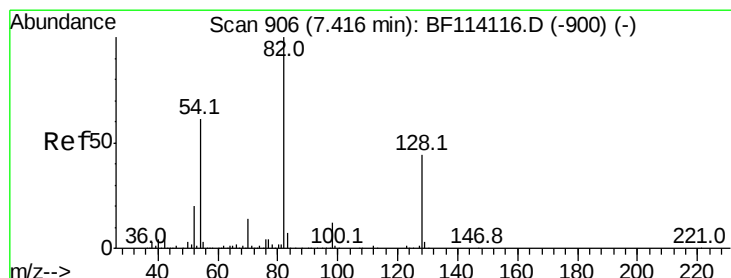
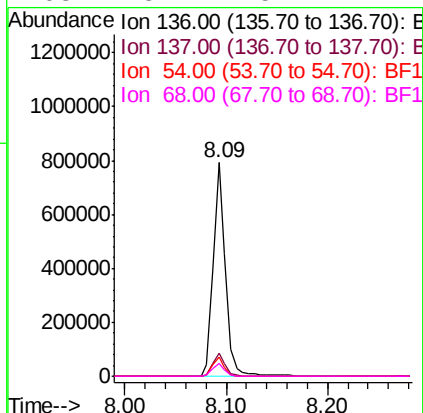
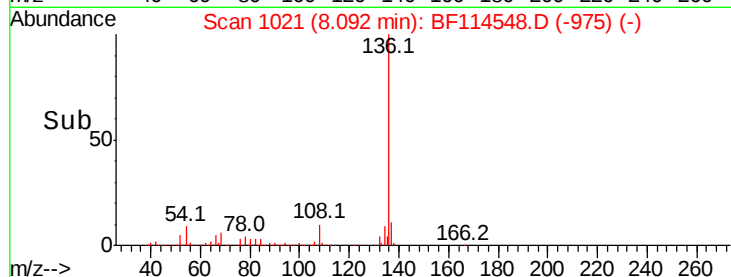
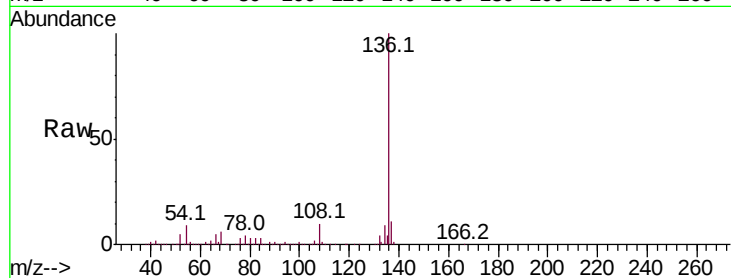




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

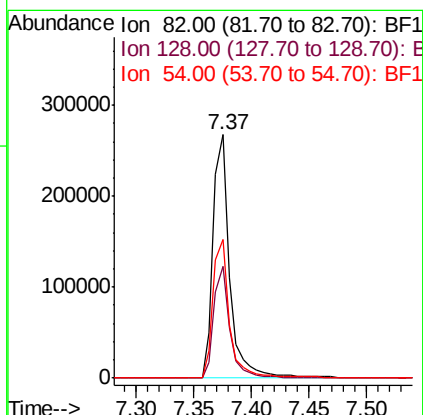
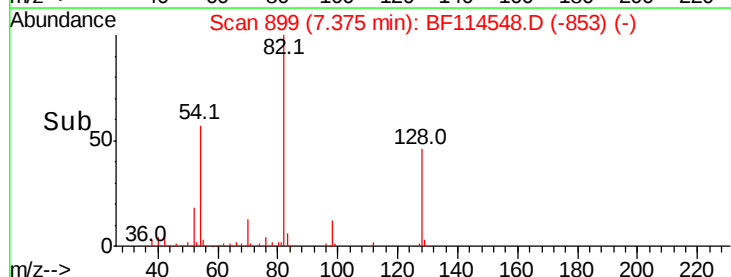
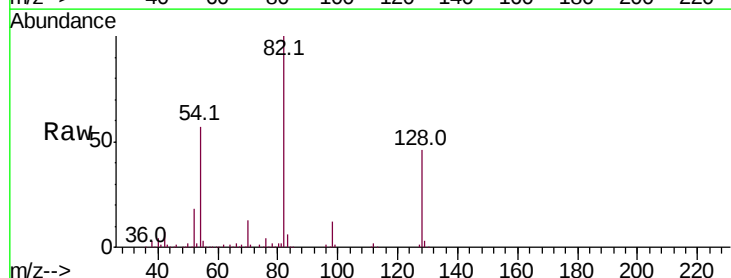
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2RE

Tot 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



#23
Nitrobenzene-d5
Concen: 22.798 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.03 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

Tgt Ion: 82	Resp: 269485
Ion Ratio	Lower Upper
82 100	
128 46.2	35.5 53.3
54 56.8	48.5 72.7





#25

Isophorone

Concen: 12.292 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2RE

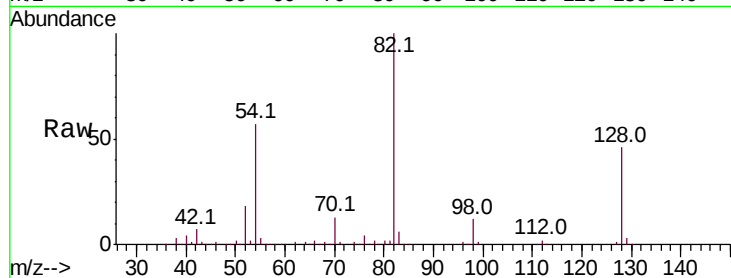
Tot Ion: 82 Resp: 269481

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

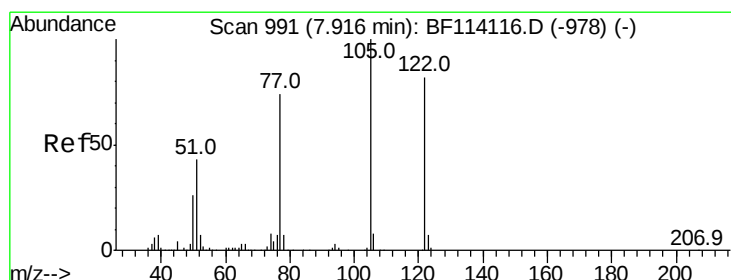
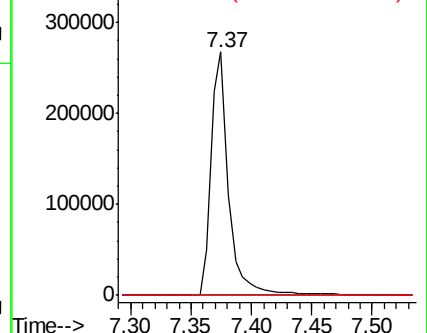
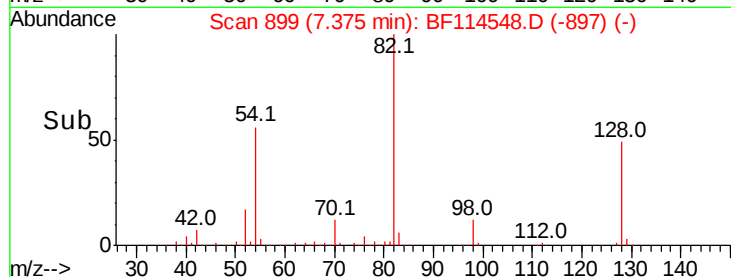
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.558 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

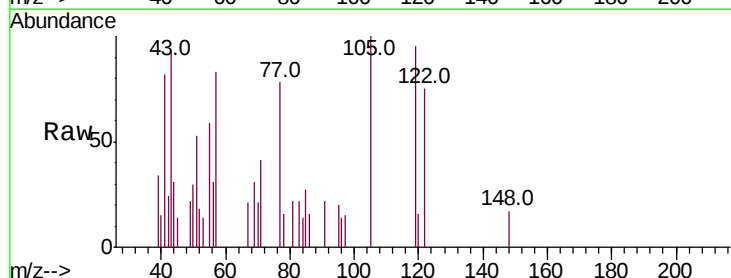
Tgt Ion:122 Resp: 4120

Ion Ratio Lower Upper

122 100

105 133.0 99.9 139.9

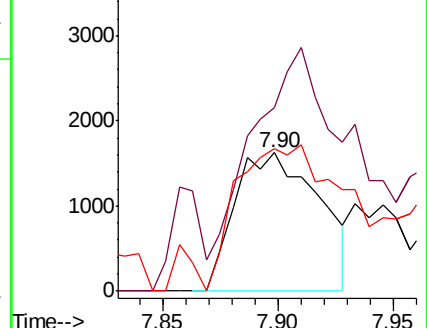
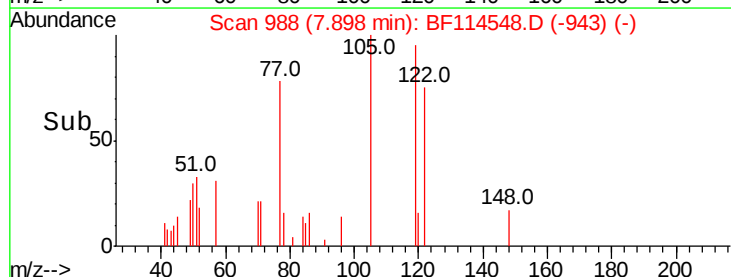
77 103.1 69.4 109.4

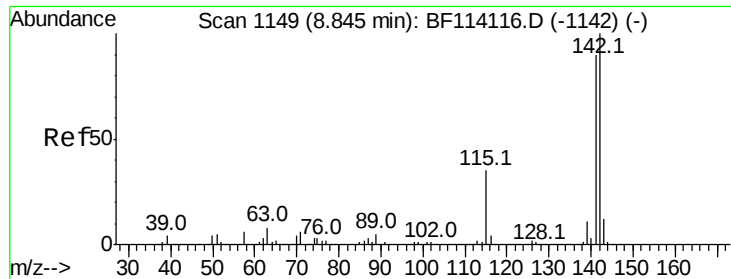


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

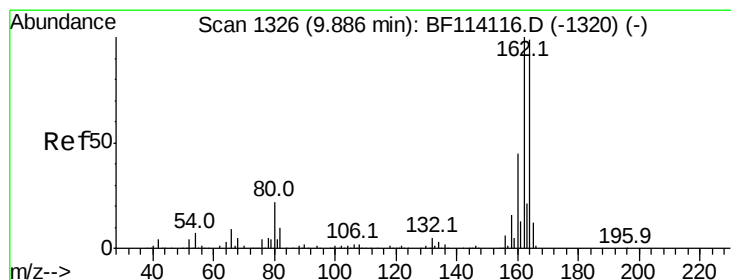
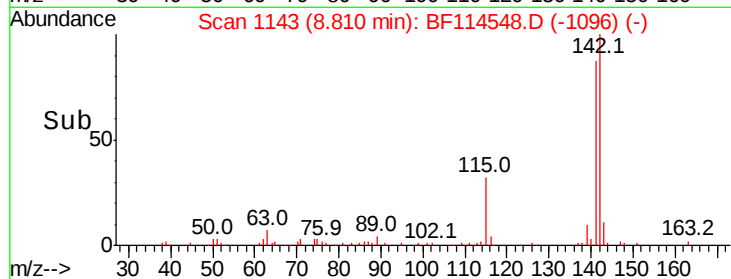
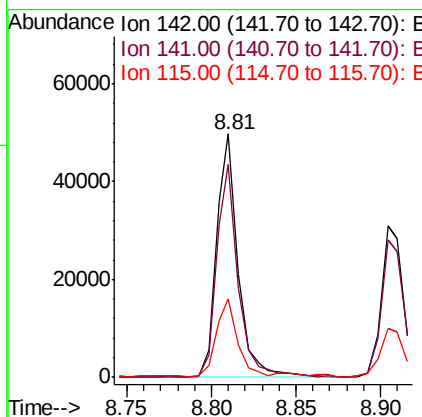
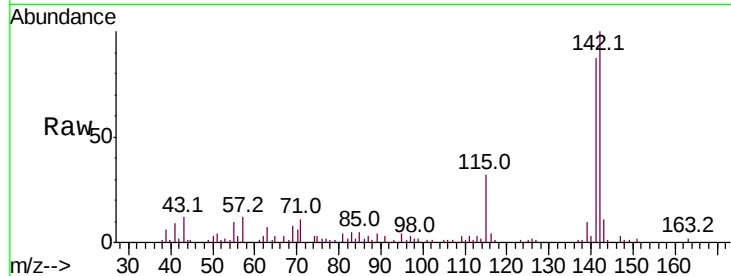




#37
 2-Methylnaphthalene
 Concen: 2.209 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

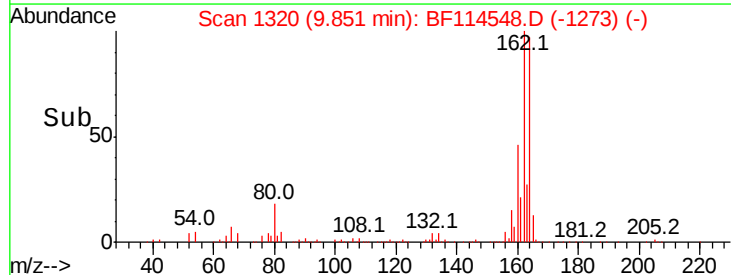
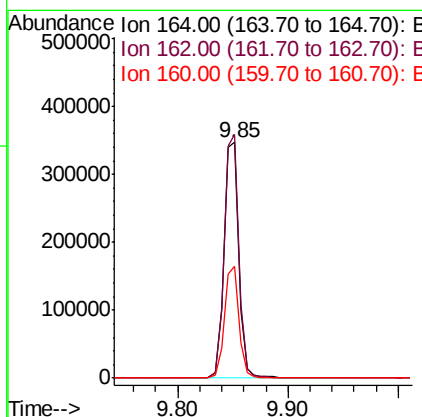
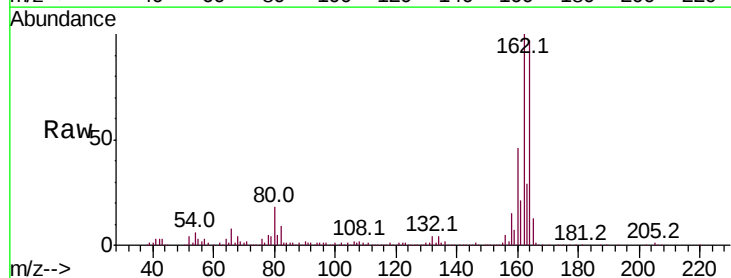
Instrument :
 BNA_F
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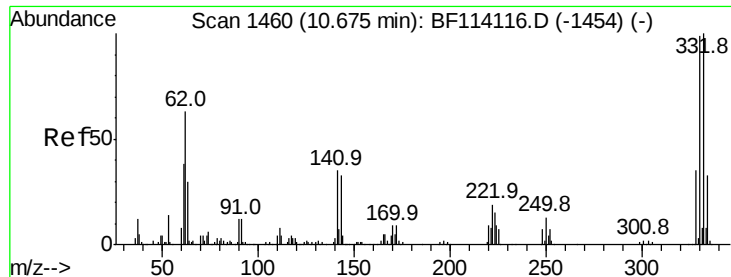
Tot Ion:142 Resp: 44167
 Ion Ratio Lower Upper
 142 100
 141 87.4 72.1 108.1
 115 32.3 28.0 42.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Tgt Ion:164 Resp: 326955
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.6 120.8
 160 47.3 36.5 54.7

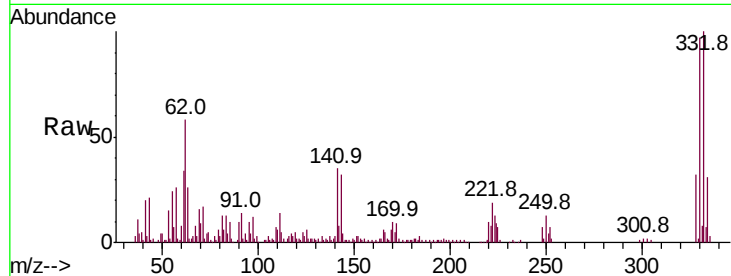




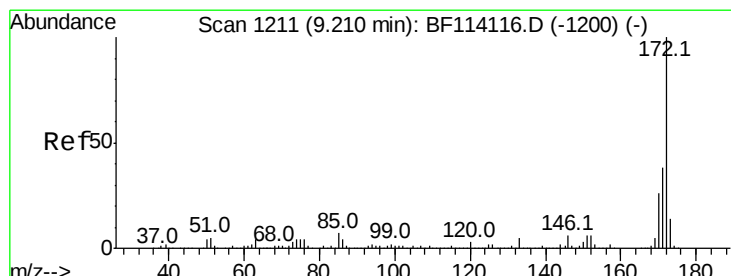
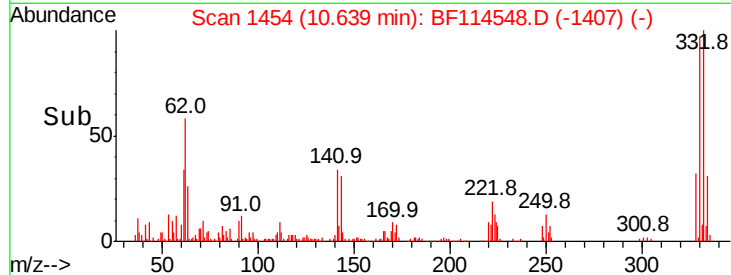
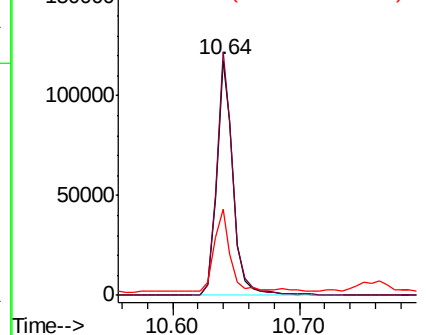
#42
 2,4,6-Tribromophenol
 Concen: 31.800 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2RE

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

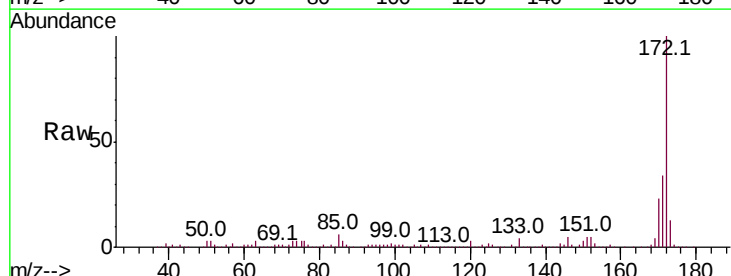


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

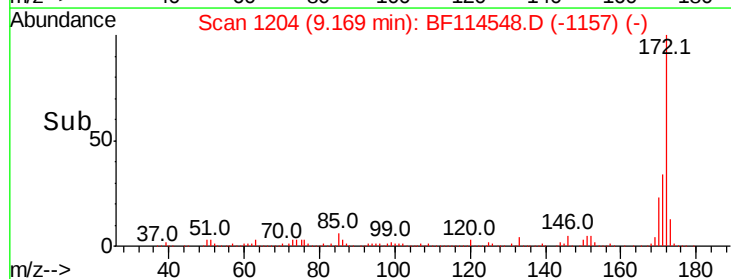
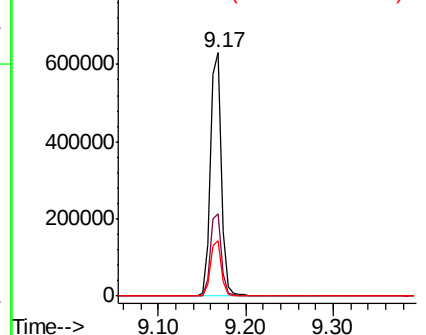


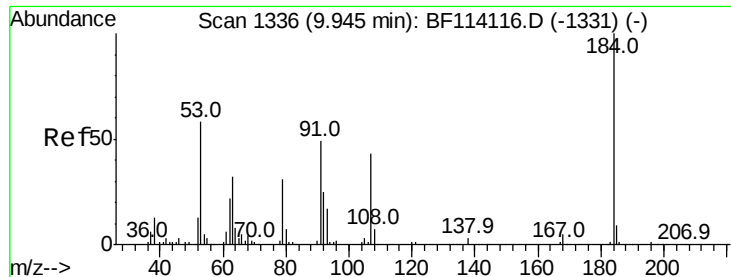
#45
 2-Fluorobiphenyl
 Concen: 25.646 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Tgt 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





#54

2,4-Dinitrophenol

Concen: 6.800 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.15 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2RE

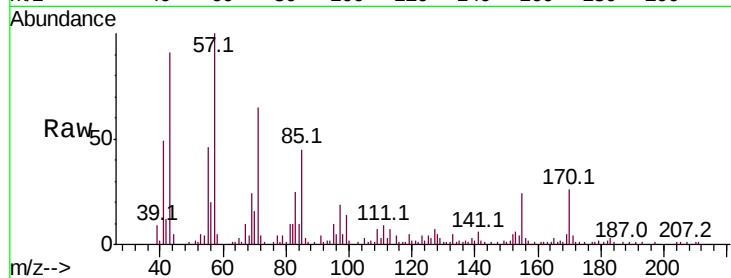
Tot Ion:184 Resp: 159

Ion Ratio Lower Upper

184 100

63 156.0 55.6 83.4#

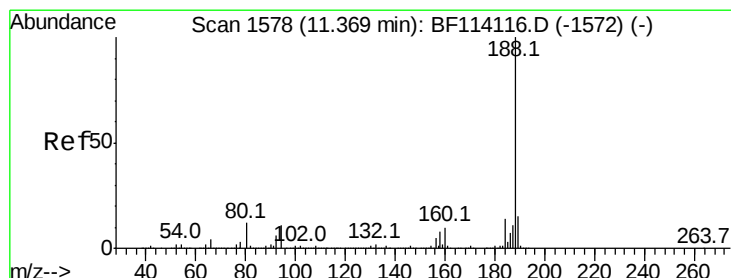
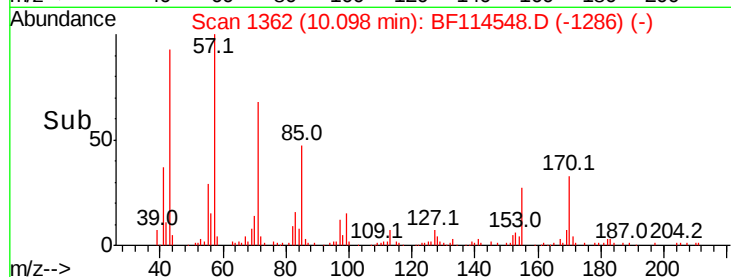
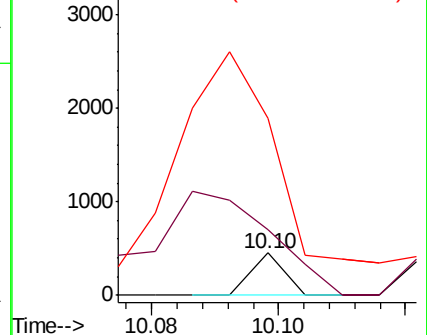
154 419.0 46.0 69.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

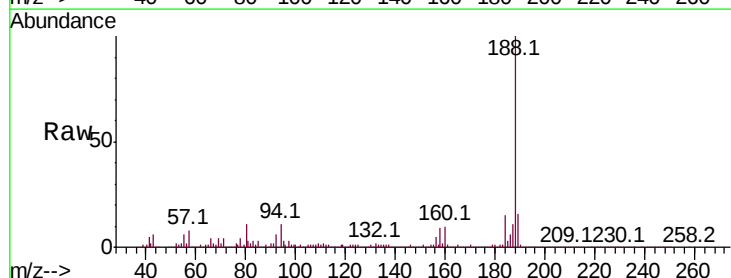
Tgt Ion:188 Resp: 626517

Ion Ratio Lower Upper

188 100

94 10.5 8.4 12.6

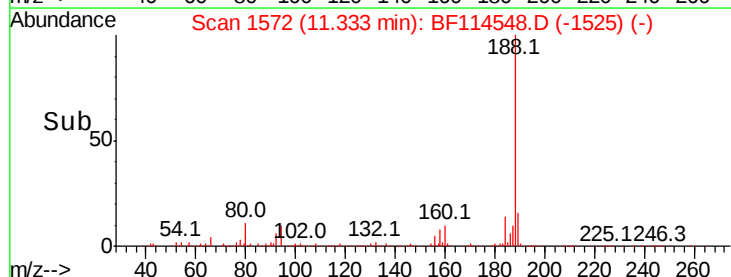
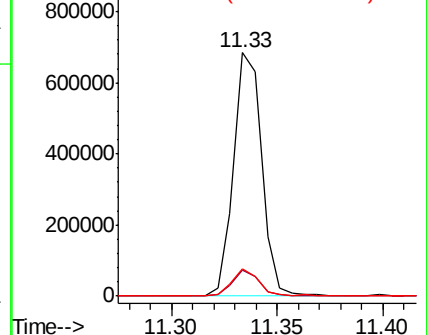
80 11.0 9.2 13.8

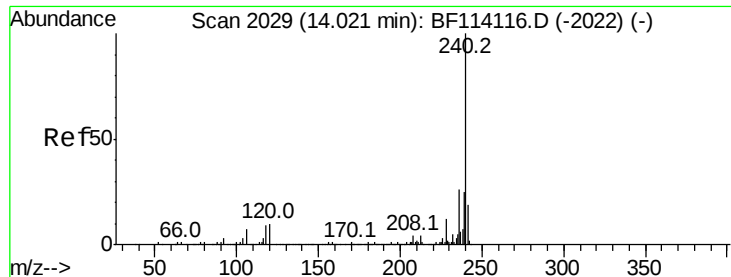


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

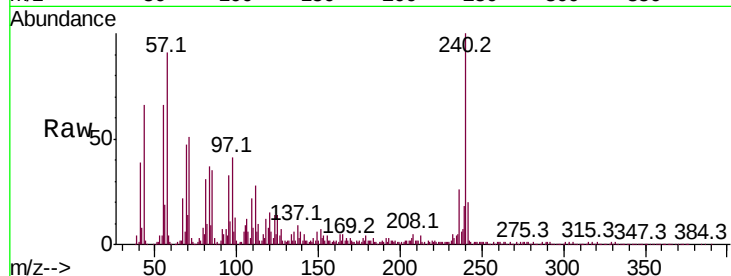




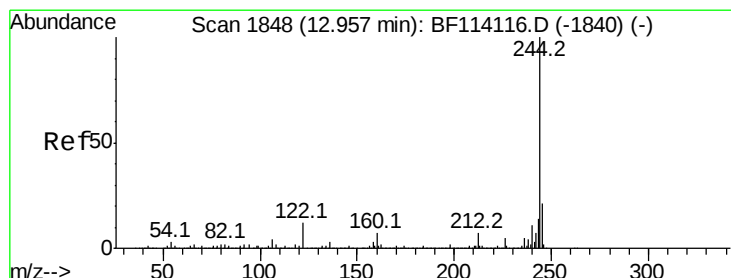
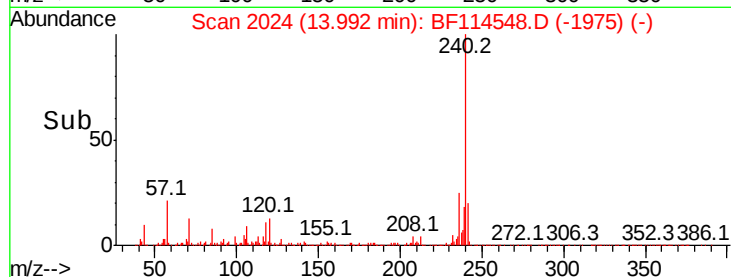
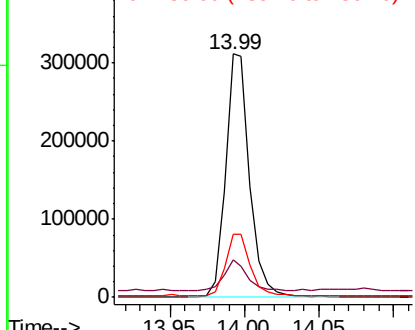
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

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

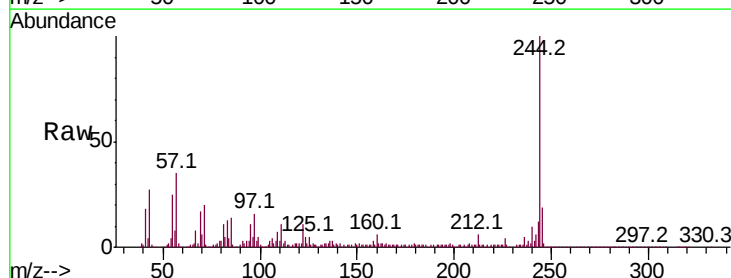


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

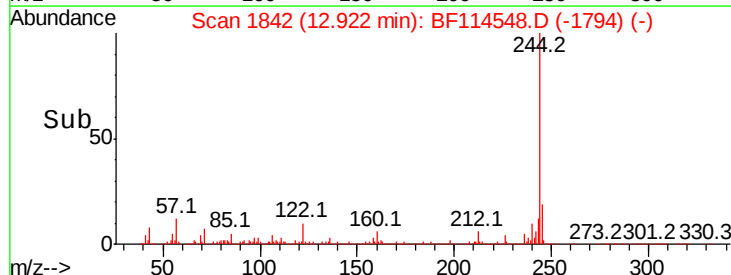
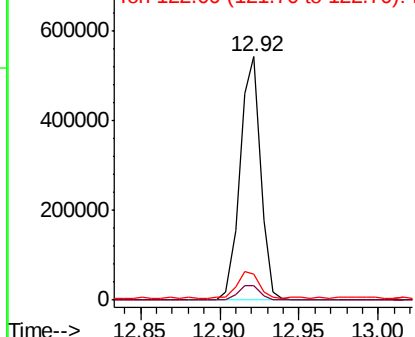


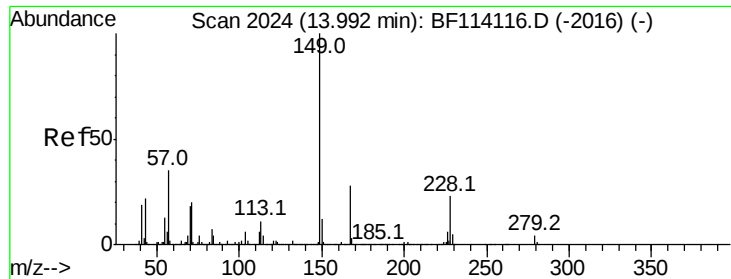
#79
 Terphenyl-d14
 Concen: 28.638 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

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

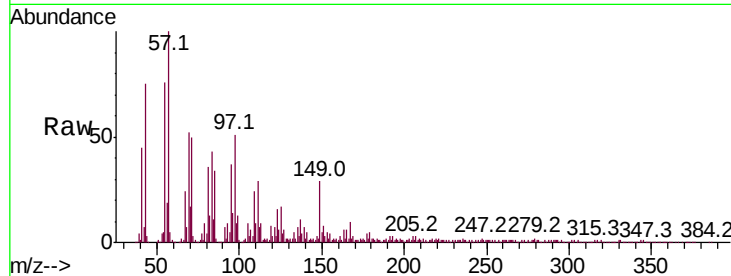




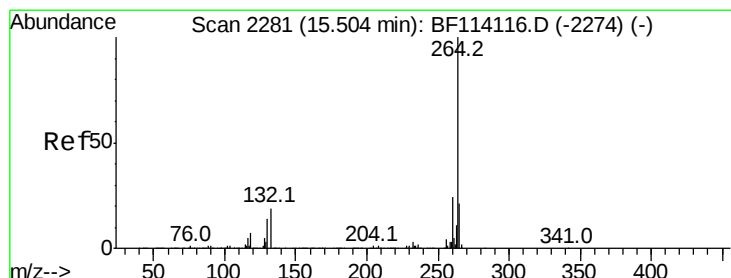
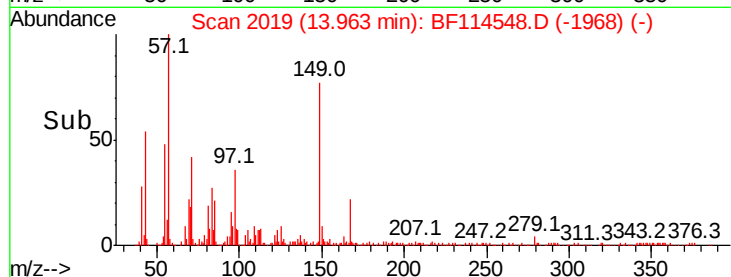
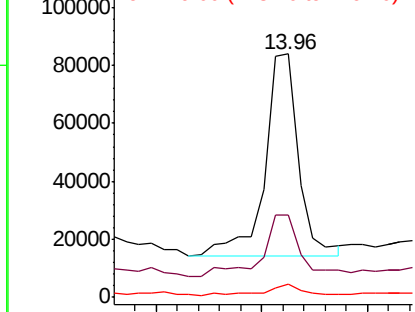
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.990 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

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#

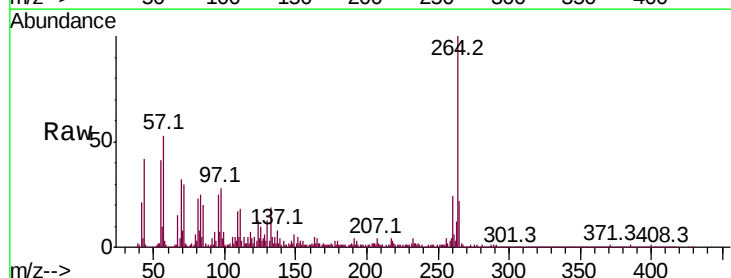


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 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



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

