

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115026.D
 Acq On : 14 Jun 2019 2:16
 Operator : HP/JU
 Sample : K3333-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Quant Time: Jun 14 03:52:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

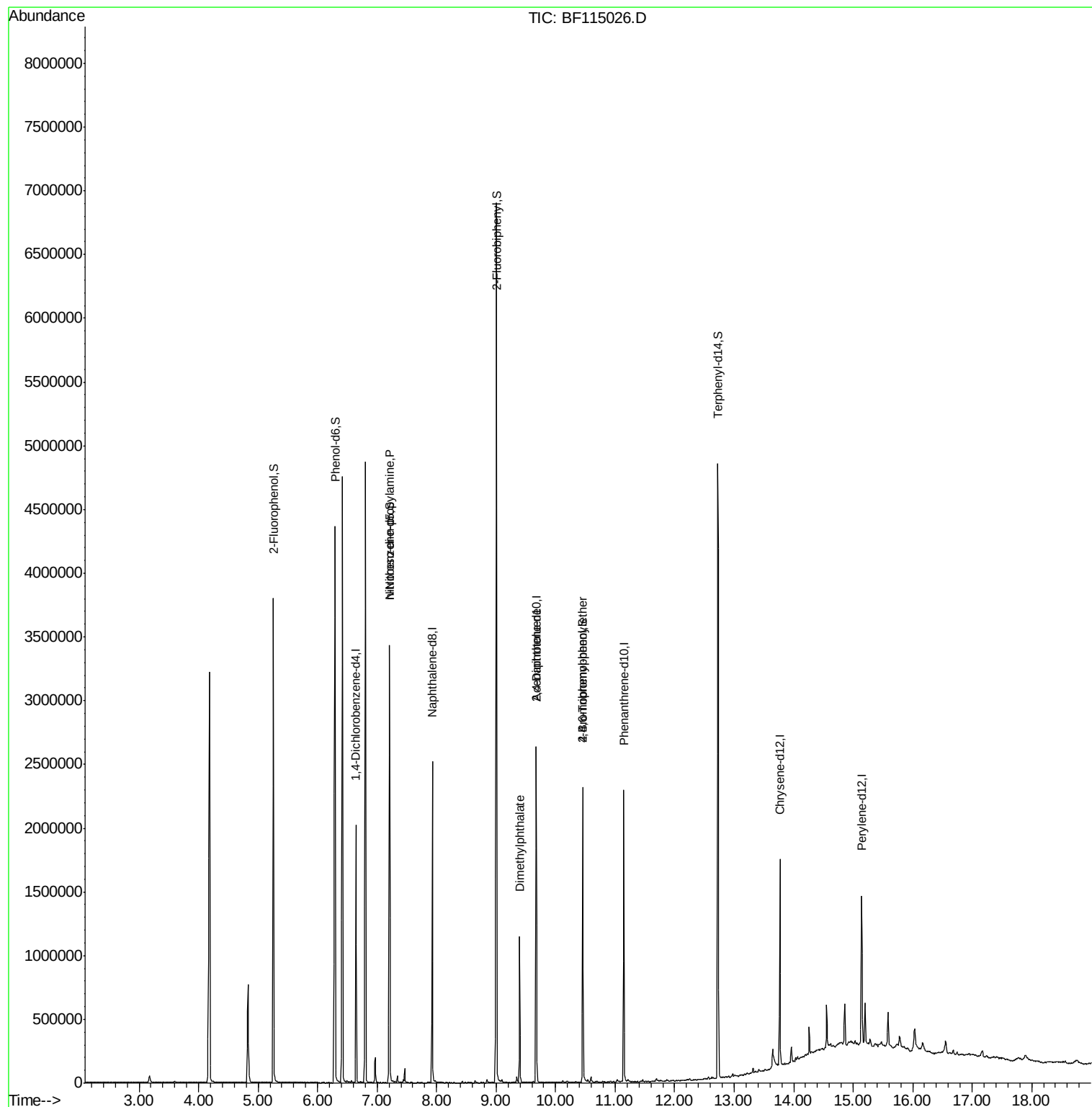
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	287098	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1088561	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	505019	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	833546	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	515418	20.00	ng	-0.01
87) Perylene-d12	15.14	264	492225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1190465	69.24	ng	0.00
7) Phenol-d6	6.29	99	1670425	80.54	ng	0.00
23) Nitrobenzene-d5	7.21	82	1147596	63.46	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	284682	52.64	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2137120	71.72	ng	0.00
79) Terphenyl-d14	12.73	244	1695206	61.86	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	2462	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	150701	11.959 ng	#	77
50) Dimethylphthalate	9.40	163	448548	11.810 ng	#	99
57) 2,4-Dinitrotoluene	9.67	165	64004	5.837 ng	#	29
58) Fluorene	10.46	166	14063	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.46	248	18363	2.052 ng	#	1

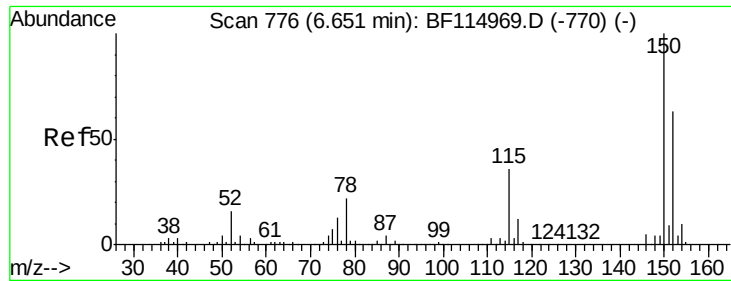
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration



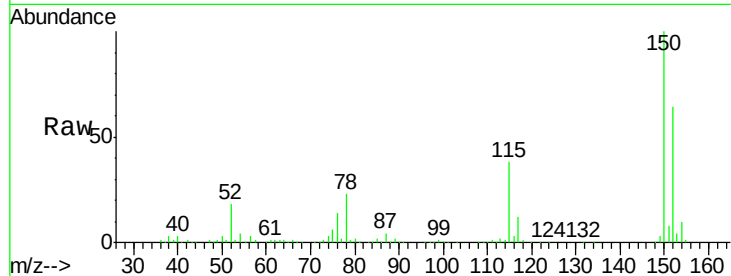


#1

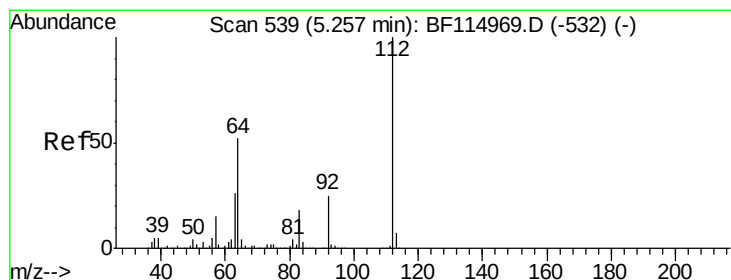
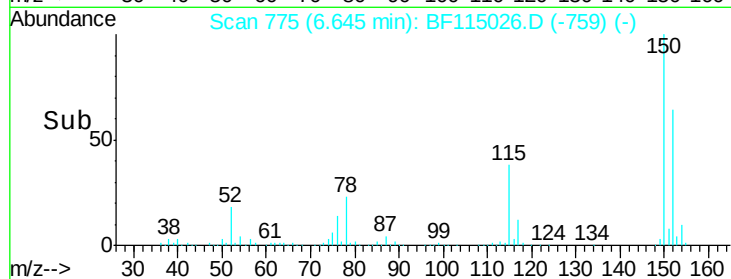
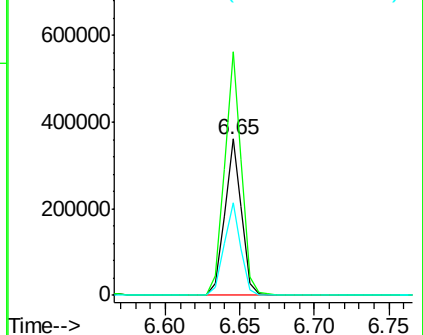
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115026.D
Acq: 14 Jun 2019 2:16

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

Tgt Ion:152 Resp: 287098
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 58.9 46.0 69.0



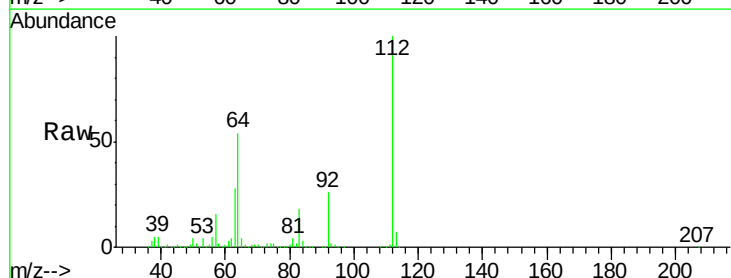
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



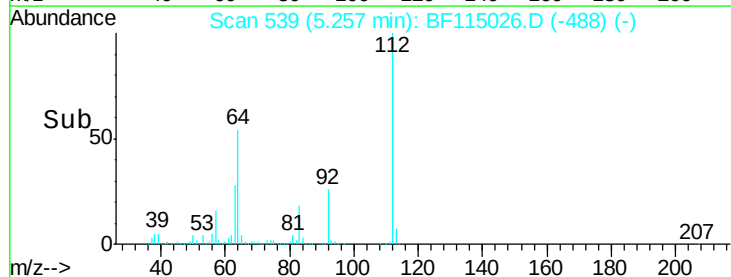
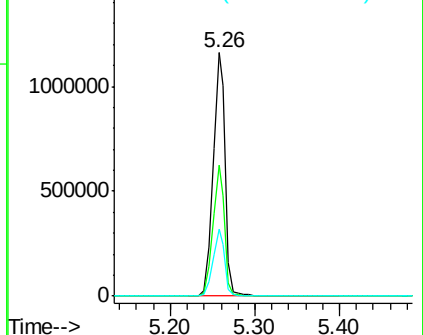
#5

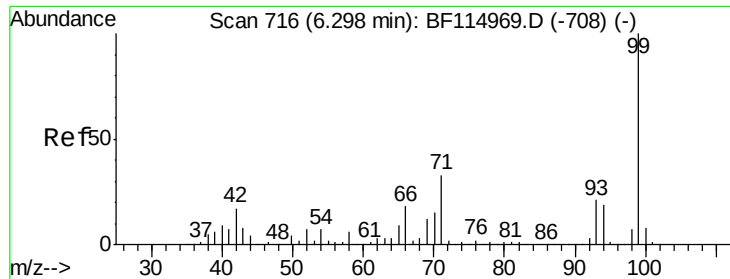
2-Fluorophenol
Concen: 69.238 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF115026.D
Acq: 14 Jun 2019 2:16

Tgt Ion:112 Resp: 1190465
Ion Ratio Lower Upper
112 100
64 54.0 41.6 62.4
63 27.7 20.9 31.3



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: 80.539 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115026.D

Acq: 14 Jun 2019 2:16

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

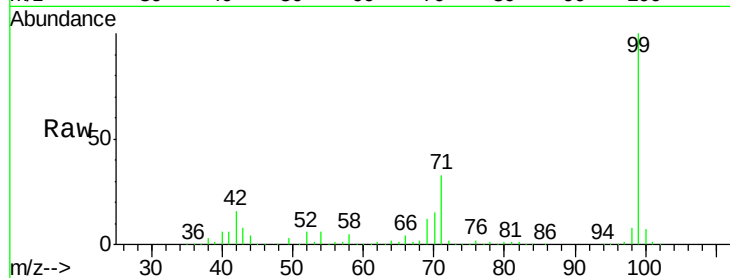
Tgt Ion: 99 Resp: 1670425

Ion Ratio Lower Upper

99 100

42 15.7 13.4 20.2

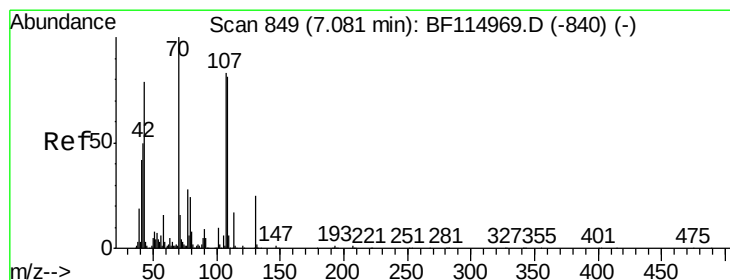
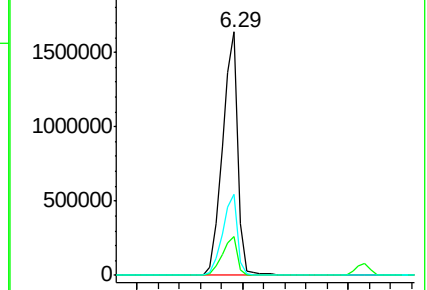
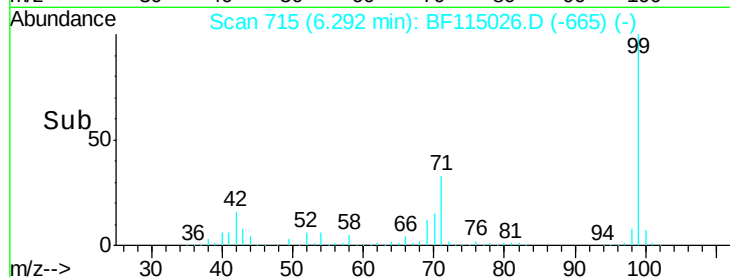
71 33.1 26.4 39.6



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: 11.959 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115026.D

Acq: 14 Jun 2019 2:16

Tgt Ion: 70 Resp: 150701

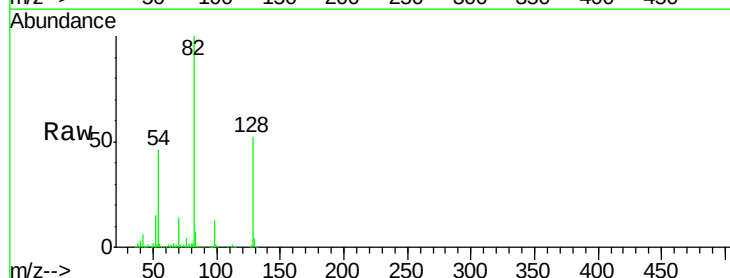
Ion Ratio Lower Upper

70 100

42 42.8 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

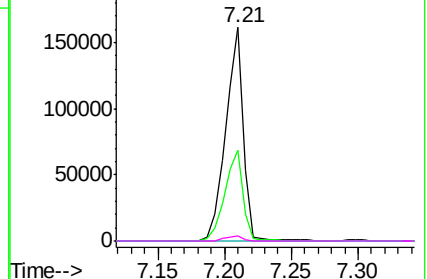
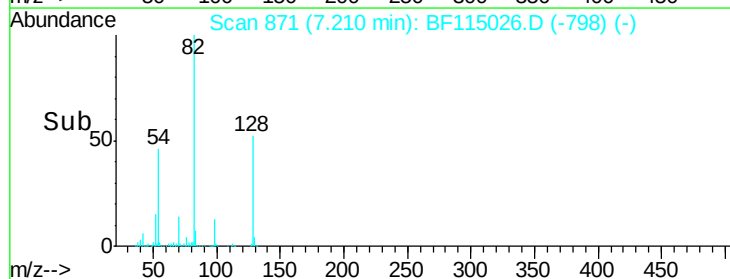


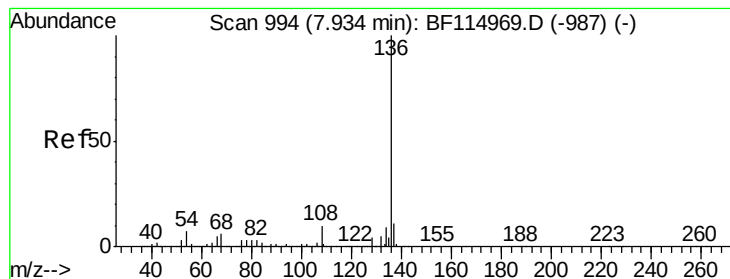
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115026.D

Acq: 14 Jun 2019 2:16

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

Tgt Ion:136 Resp: 1088561

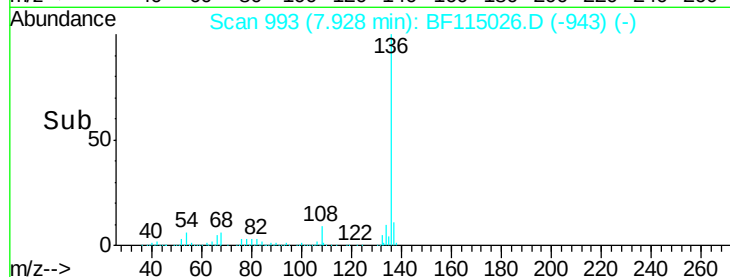
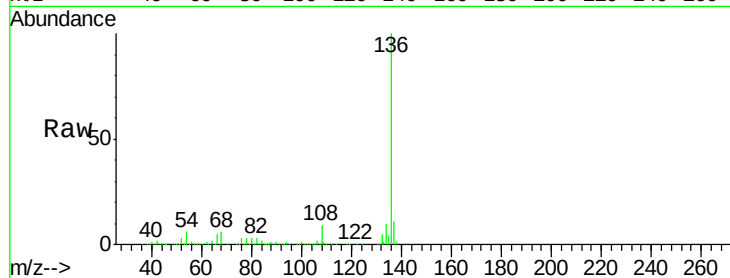
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.4 5.4 8.0

68 5.7 4.6 7.0

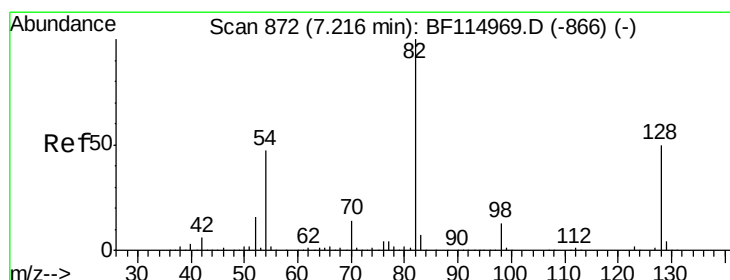
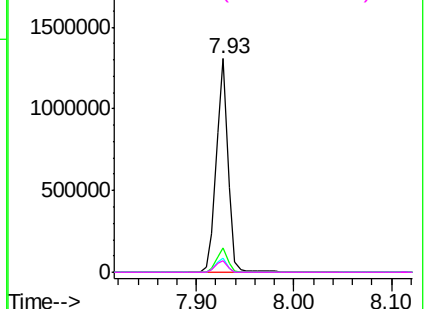


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.456 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115026.D

Acq: 14 Jun 2019 2:16

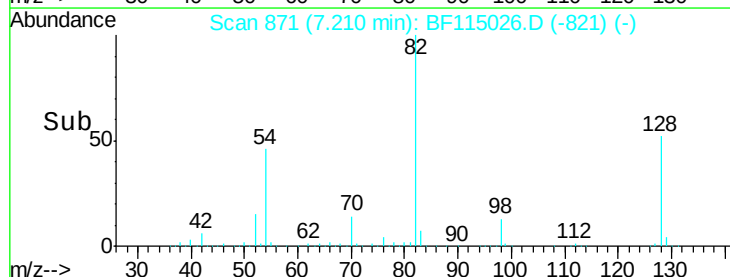
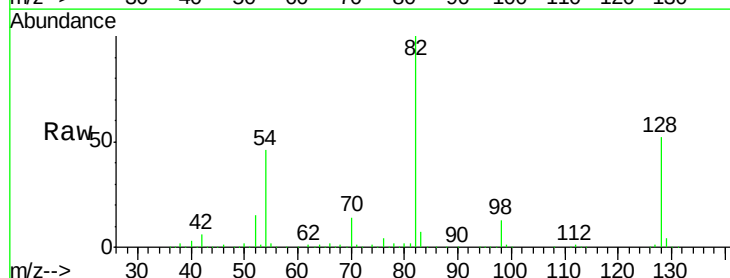
Tgt Ion: 82 Resp: 1147596

Ion Ratio Lower Upper

82 100

128 51.5 39.9 59.9

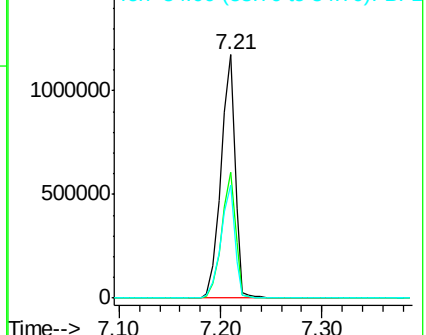
54 46.4 37.3 55.9

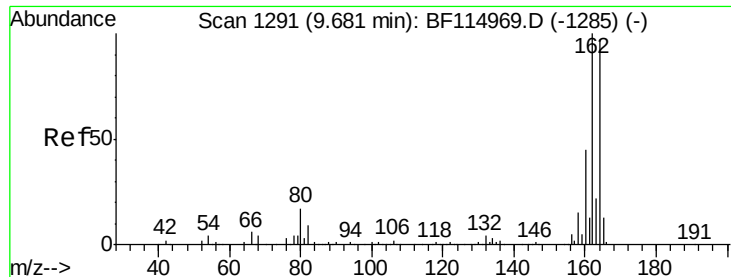


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

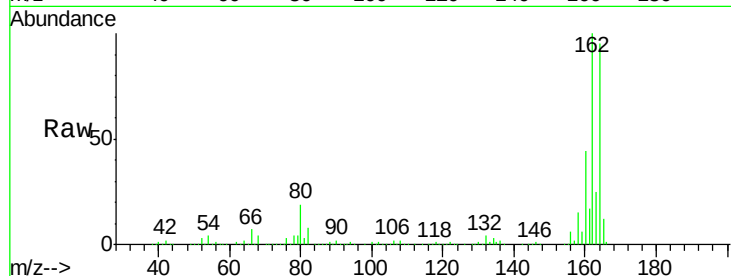




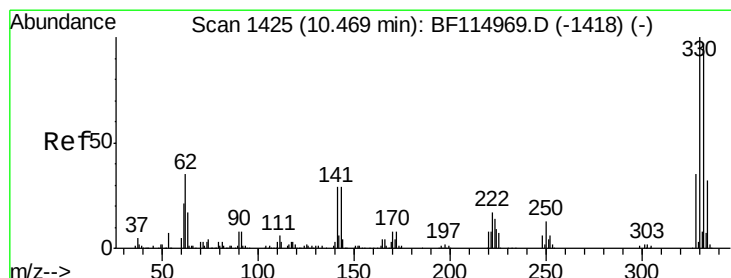
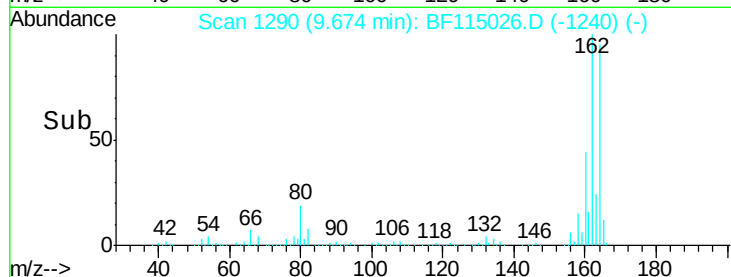
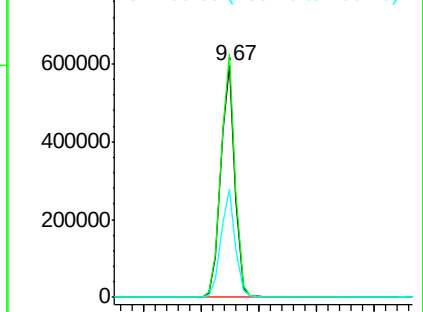
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115026.D
 Acq: 14 Jun 2019 2:16

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Tgt Ion:164 Resp: 505019
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.6 124.0
 160 46.6 36.9 55.3

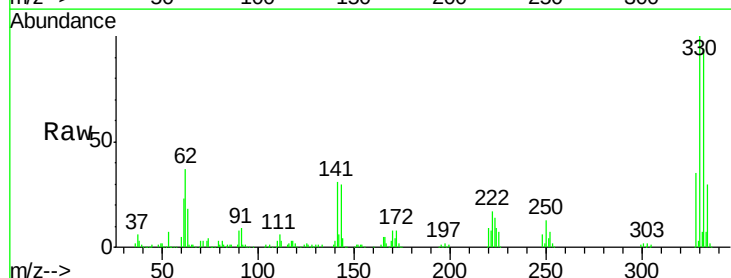


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

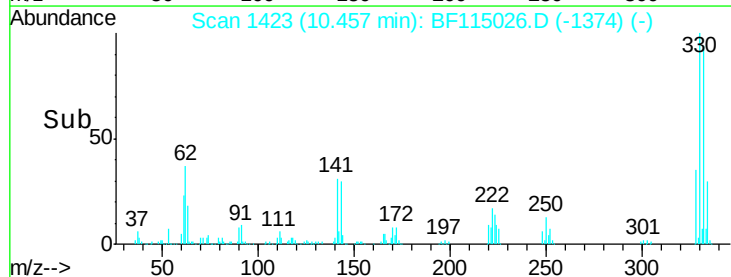
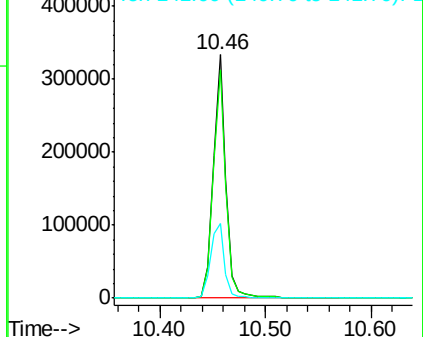


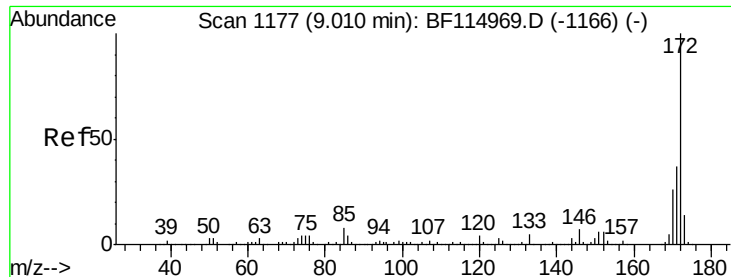
#42
 2,4,6-Tribromophenol
 Concen: 52.640 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115026.D
 Acq: 14 Jun 2019 2:16

Tgt Ion:330 Resp: 284682
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.6 116.4
 141 33.8 27.2 40.8



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

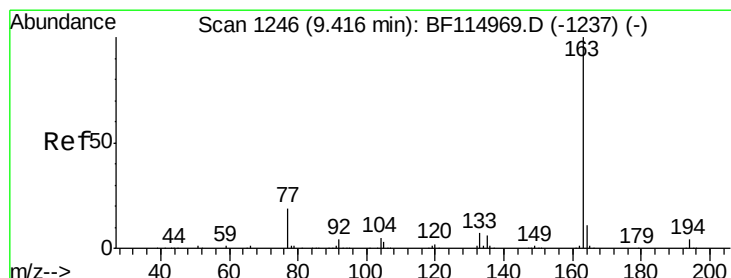
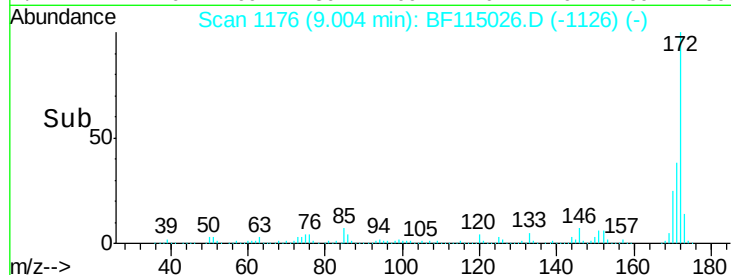
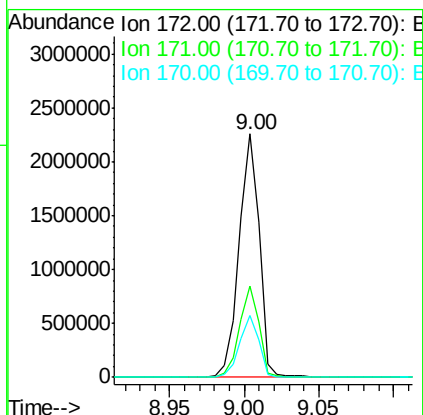
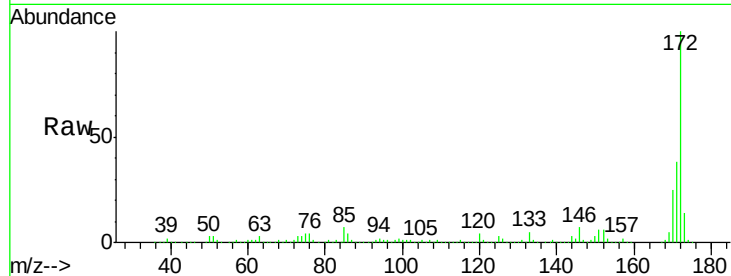




#45
2-Fluorobiphenyl
Concen: 71.721 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115026.D
Acq: 14 Jun 2019 2:16

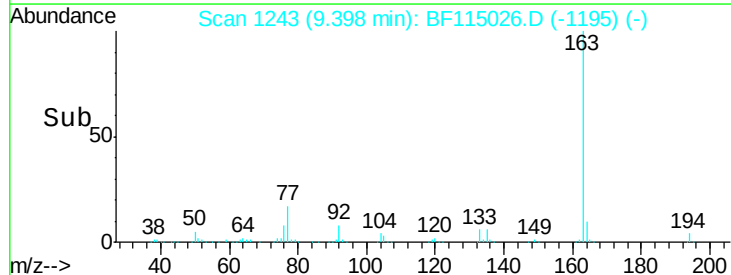
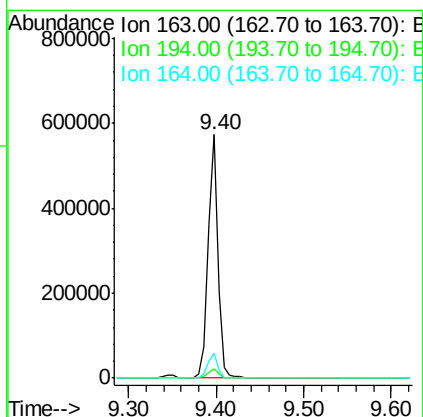
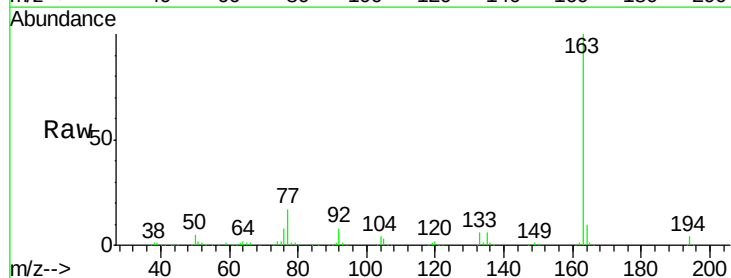
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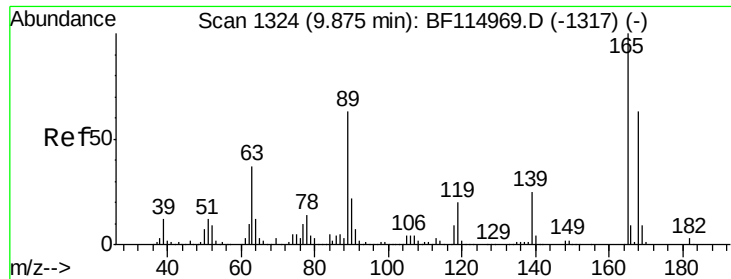
Tgt Ion:172 Resp: 2137120
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.3 20.6 31.0



#50
Dimethylphthalate
Concen: 11.810 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115026.D
Acq: 14 Jun 2019 2:16

Tgt Ion:163 Resp: 448548
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.6 12.8

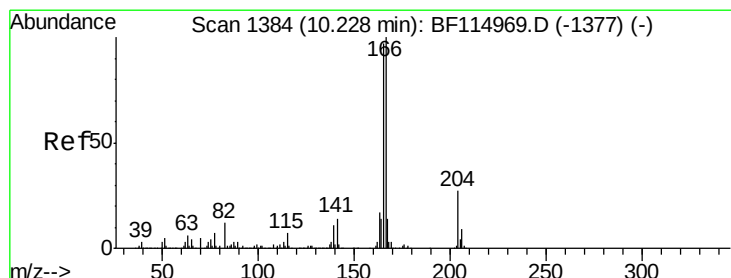
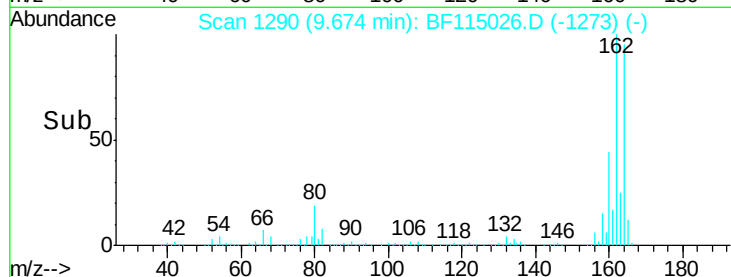
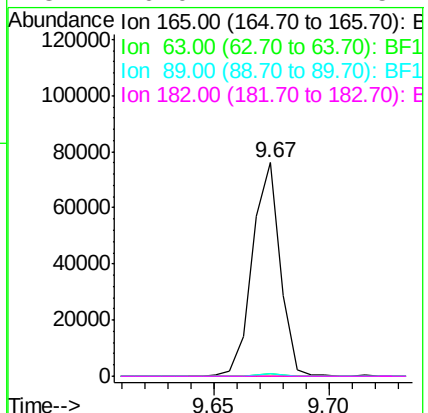
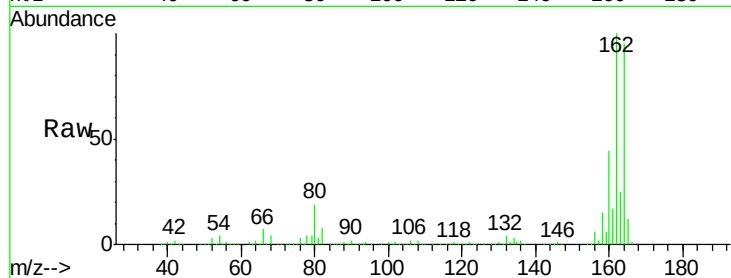




#57
 2,4-Dinitrotoluene
 Concen: 5.837 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115026.D
 Acq: 14 Jun 2019 2:16

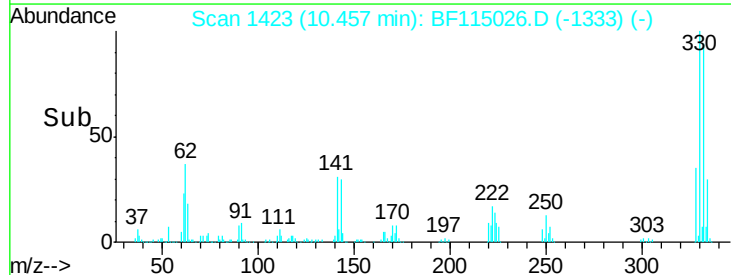
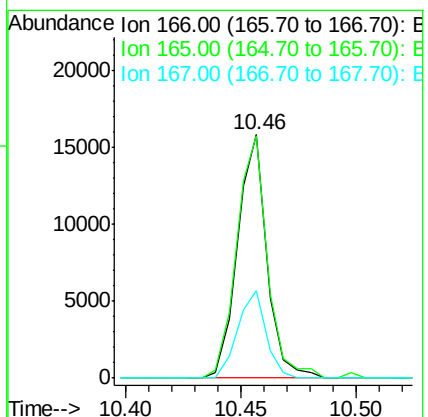
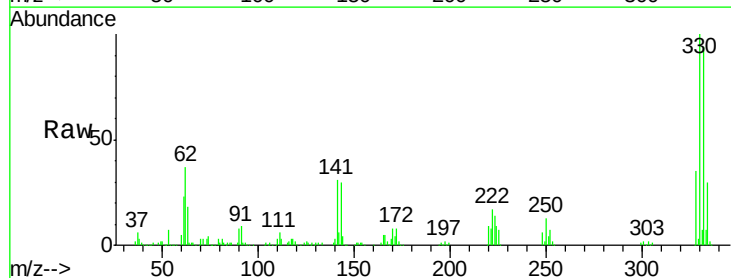
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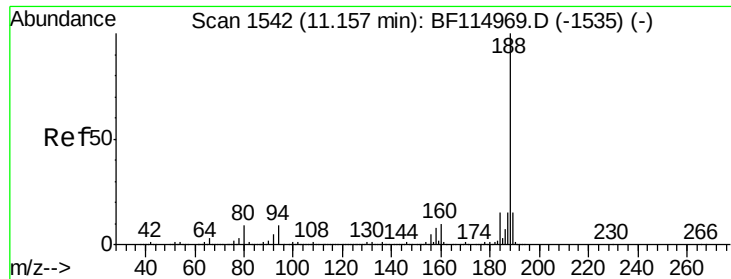
Tgt Ion:	165	Resp:	64004
Ion Ratio	Lower	Upper	
165	100		
63	1.0	29.4	44.2#
89	1.4	50.6	75.8#
182	0.0	2.2	3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF115026.D
 Acq: 14 Jun 2019 2:16

Tgt Ion:	166	Resp:	14063
Ion Ratio	Lower	Upper	
166	100		
165	99.7	77.6	116.4
167	35.9	11.0	16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115026.D

Acq: 14 Jun 2019 2:16

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

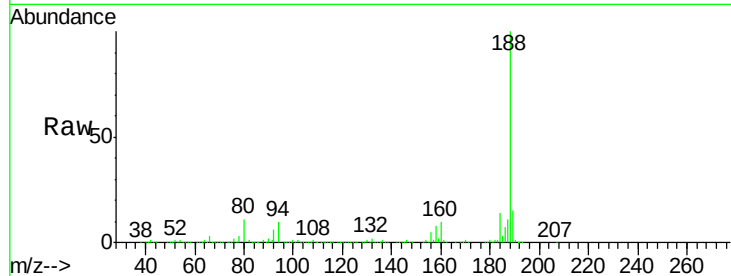
Tgt Ion:188 Resp: 833546

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

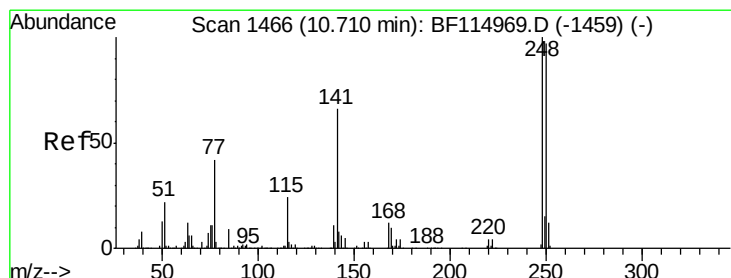
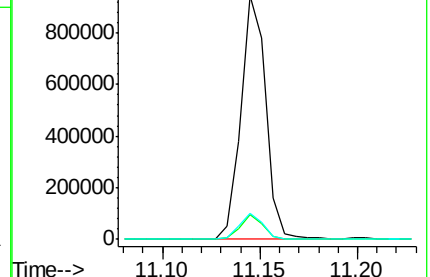
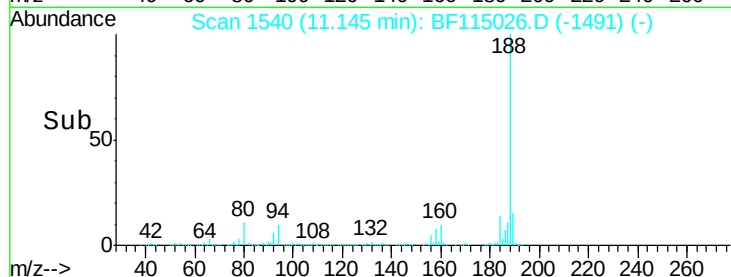
80 10.7 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 2.052 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.25 min

Lab File: BF115026.D

Acq: 14 Jun 2019 2:16

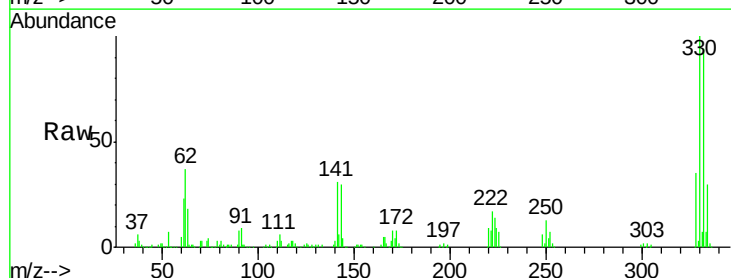
Tgt Ion:248 Resp: 18363

Ion Ratio Lower Upper

248 100

250 195.8 77.8 116.8#

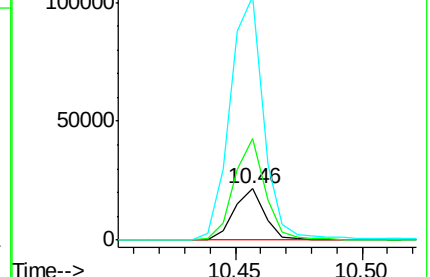
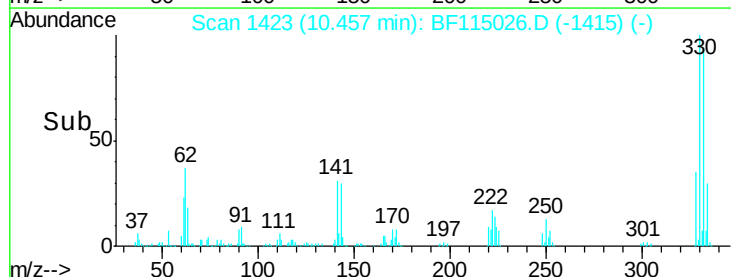
141 472.3 53.1 79.7#

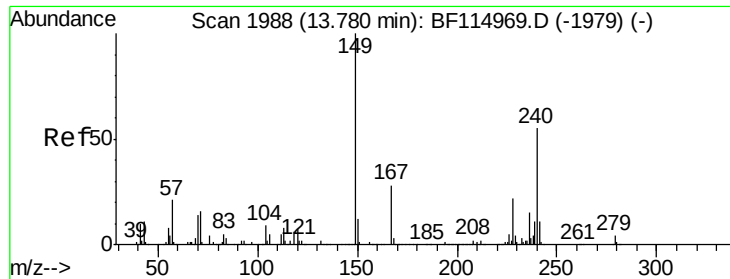


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

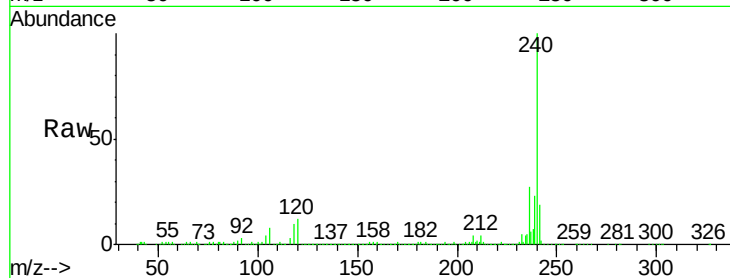




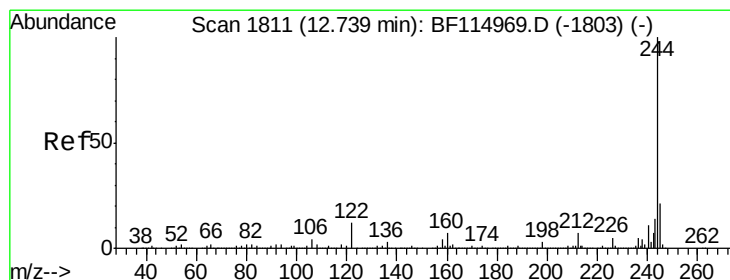
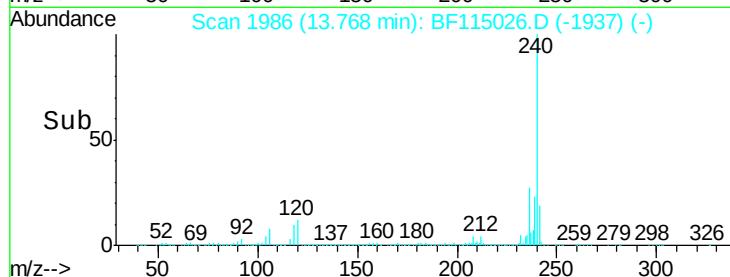
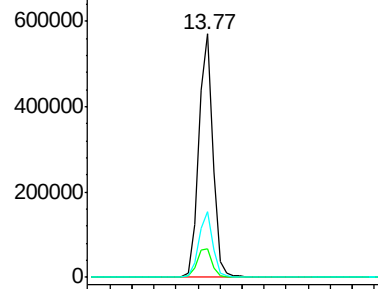
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115026.D
Acq: 14 Jun 2019 2:16

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

Tgt Ion:240 Resp: 515418
Ion Ratio Lower Upper
240 100
120 12.0 10.0 15.0
236 27.2 21.6 32.4

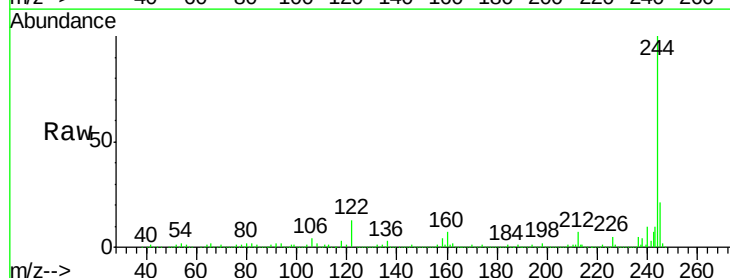


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

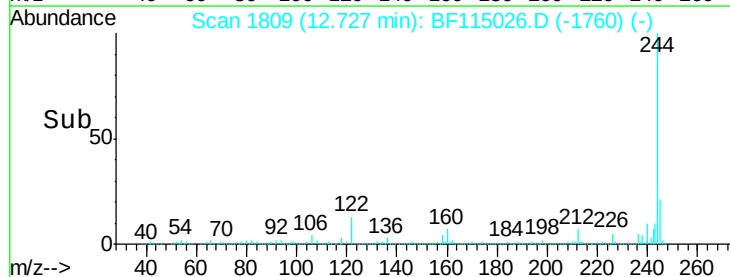
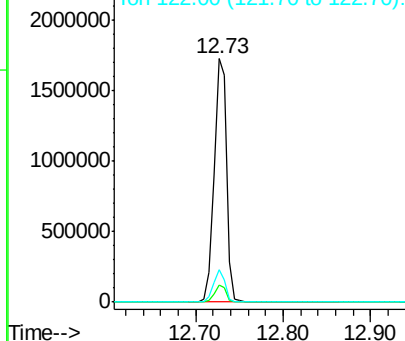


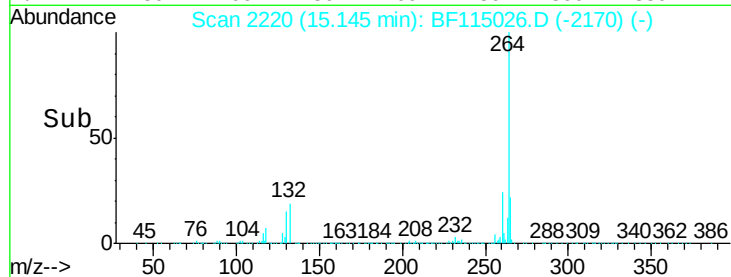
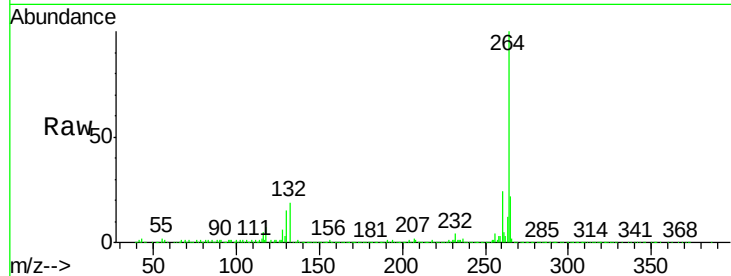
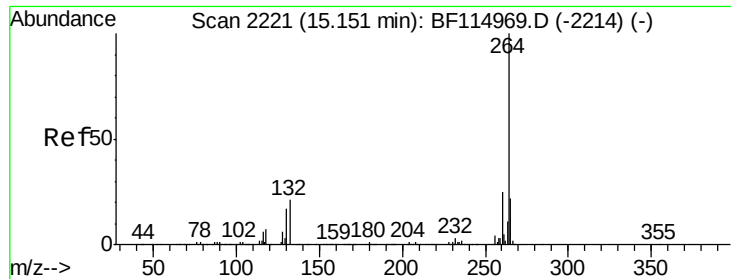
#79
Terphenyl-d14
Concen: 61.862 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF115026.D
Acq: 14 Jun 2019 2:16

Tgt Ion:244 Resp: 1695206
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 13.4 9.4 14.0



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: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115026.D
Acq: 14 Jun 2019 2:16

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.7	17.6	26.4

