

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113403.D
 Acq On : 29 Mar 2019 6:31
 Operator : JU/SJ
 Sample : K2125-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-A

Quant Time: Mar 29 08:42:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

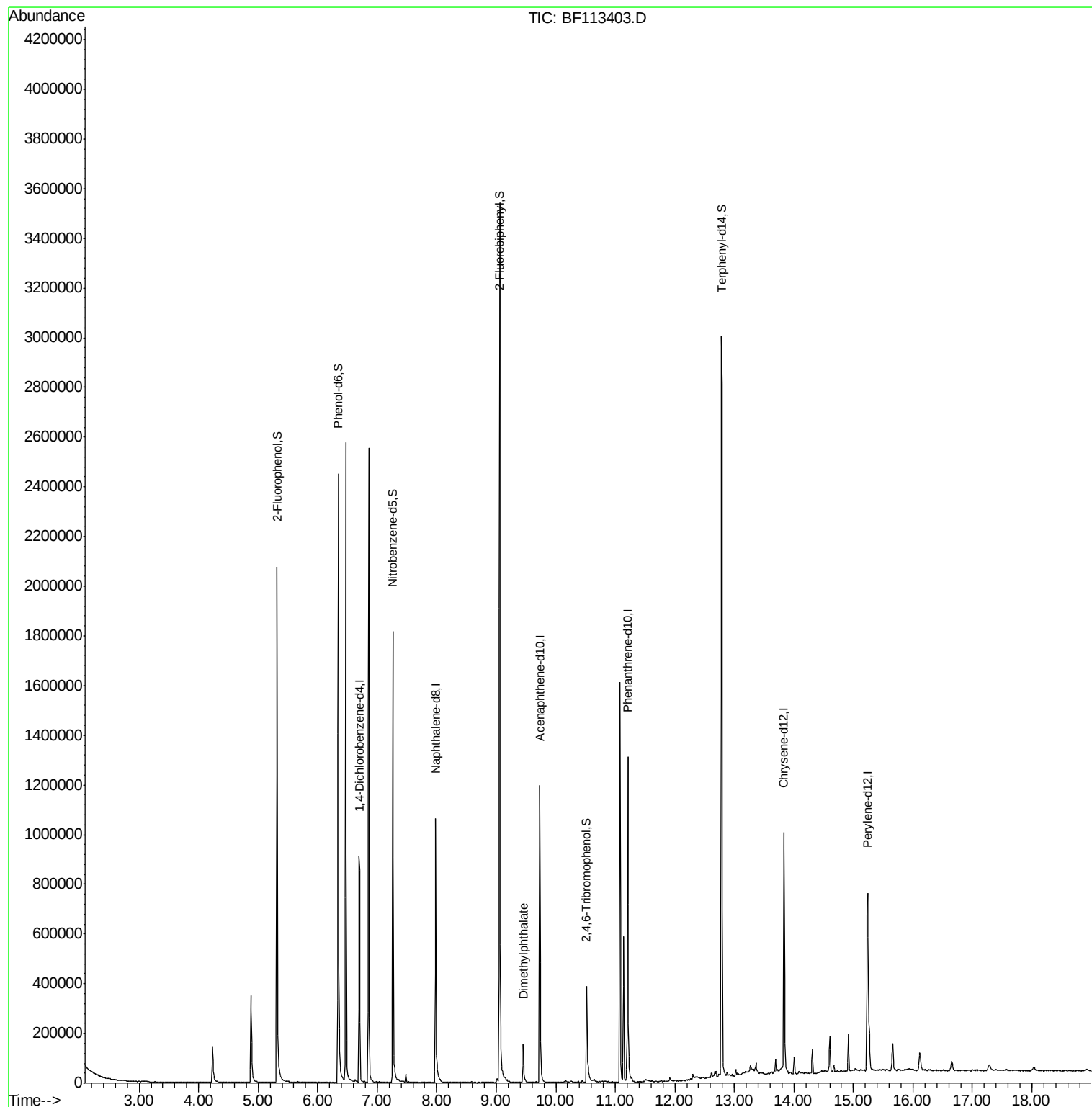
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150800	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	578202	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	275034	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	538959	20.00	ng	0.00
76) Chrysene-d12	13.83	240	392805	20.00	ng	-0.01
87) Perylene-d12	15.24	264	396317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	646005	70.05	ng	0.00
7) Phenol-d6	6.35	99	982599	84.22	ng	-0.01
23) Nitrobenzene-d5	7.26	82	611612	62.78	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	86275	25.40	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1231926	66.33	ng	0.00
79) Terphenyl-d14	12.79	244	1165421	65.40	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.45	163	87190	4.278	ng	99

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

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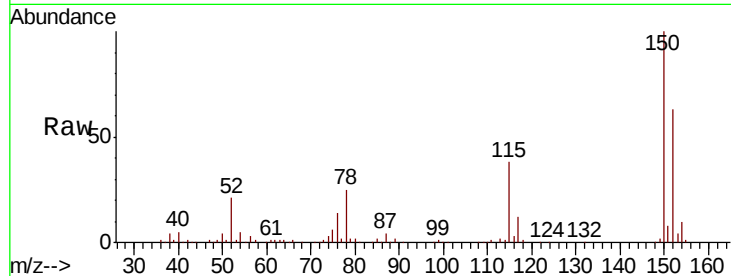


#1

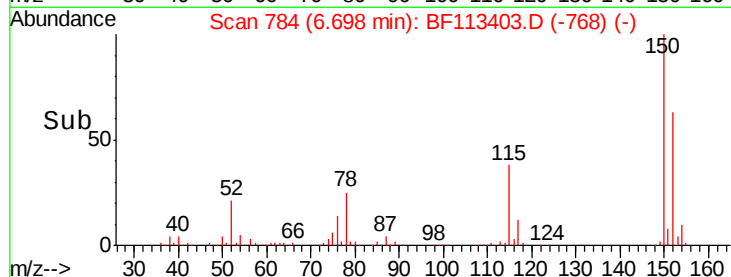
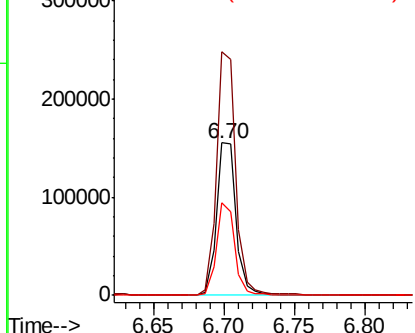
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113403.D
Acq: 29 Mar 2019 6:31

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-A

Tot Ion:152 Resp: 150800
Ion Ratio Lower Upper
152 100
150 159.9 124.7 187.1
115 60.6 46.0 69.0



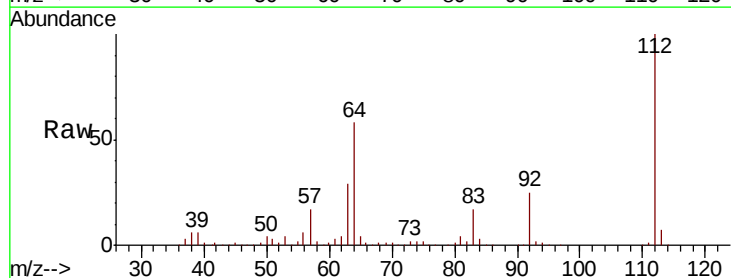
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



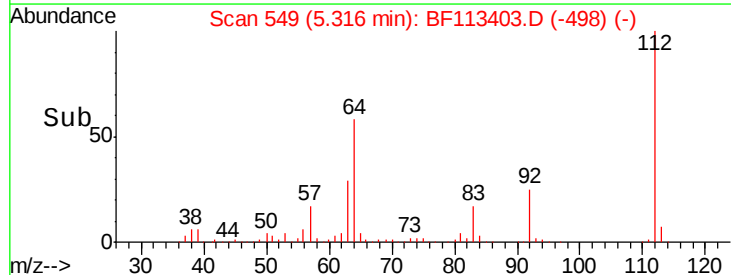
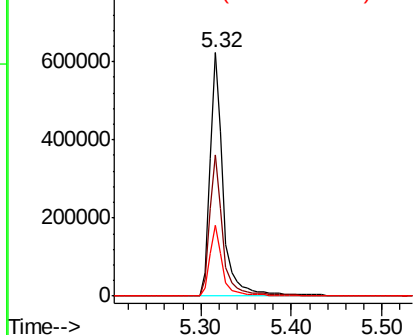
#5

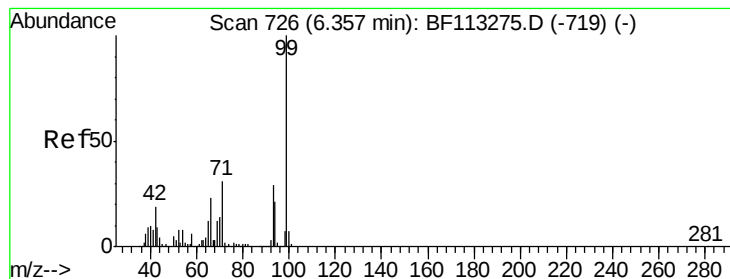
2-Fluorophenol
Concen: 70.046 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113403.D
Acq: 29 Mar 2019 6:31

Tgt Ion:112 Resp: 646005
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 29.2 24.9 37.3



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: 84.220 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113403.D

Acq: 29 Mar 2019 6:31

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-A

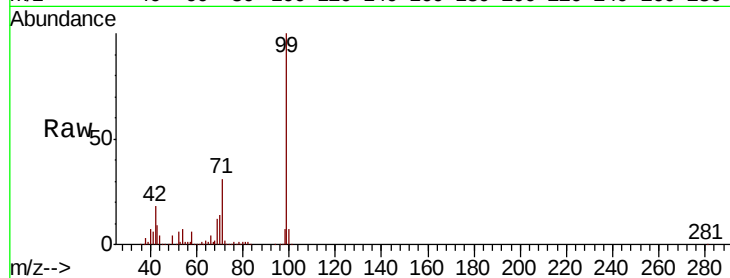
Tot Ion: 99 Resp: 982599

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

71 30.9 24.9 37.3

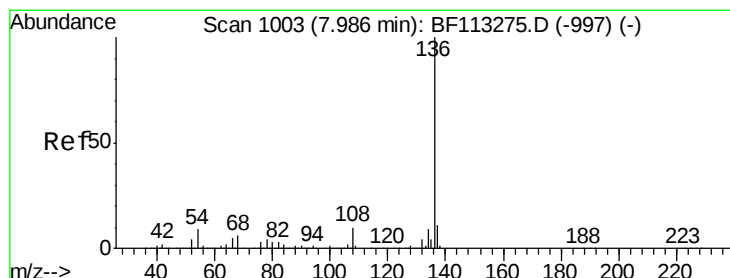
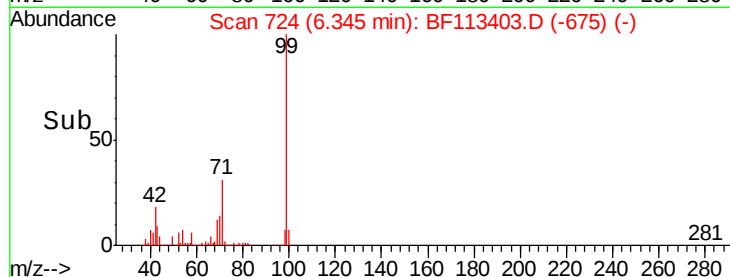
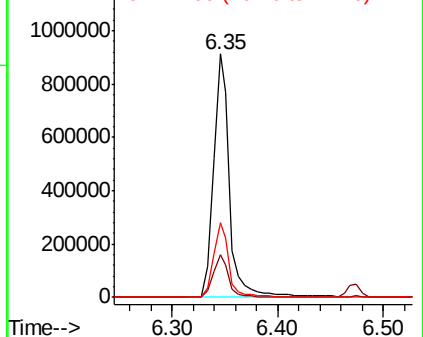


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113403.D

Acq: 29 Mar 2019 6:31

Tgt Ion: 136 Resp: 578202

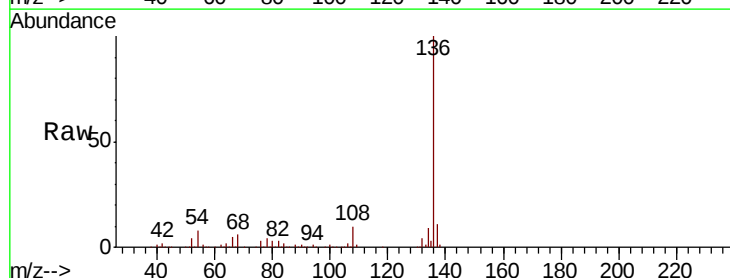
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.3 7.0 10.6

68 6.4 4.8 7.2



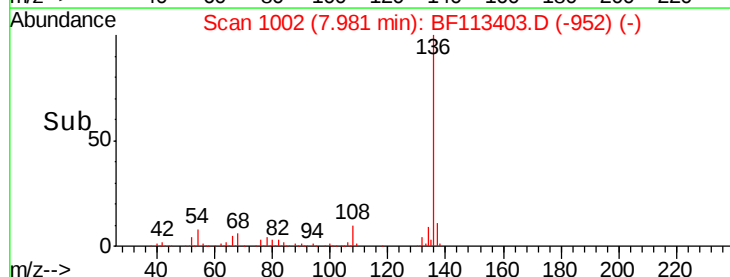
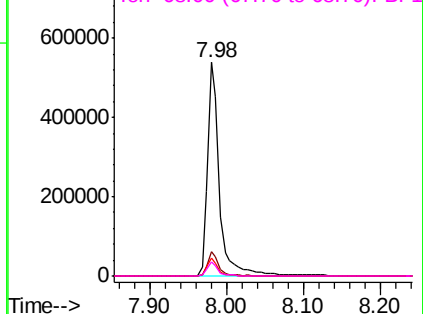
Abundance

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

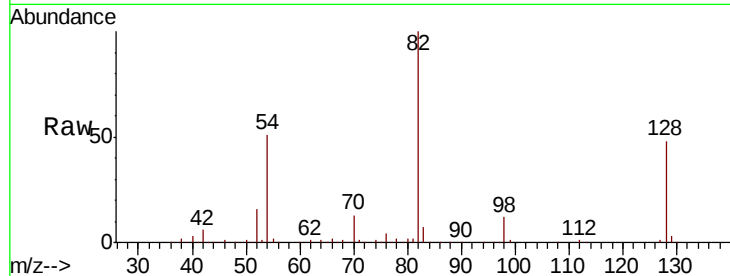




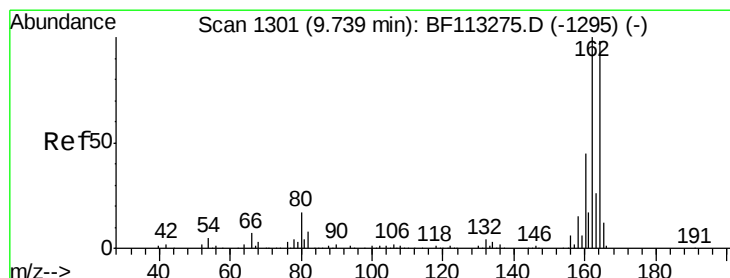
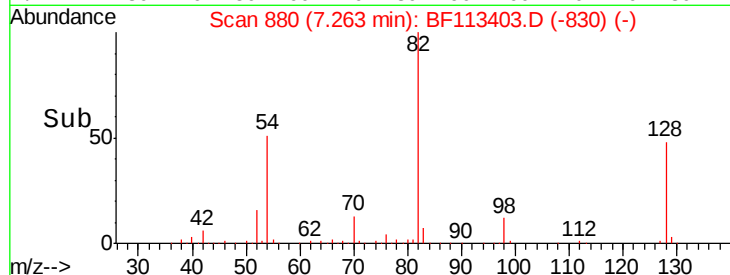
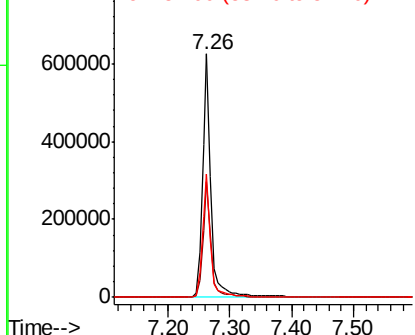
#23
 Nitrobenzene-d5
 Concen: 62.784 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF113403.D
 Acq: 29 Mar 2019 6:31

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-A

Tot Ion: 82 Resp: 611612
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.5 54.7
 54 50.7 42.2 63.2

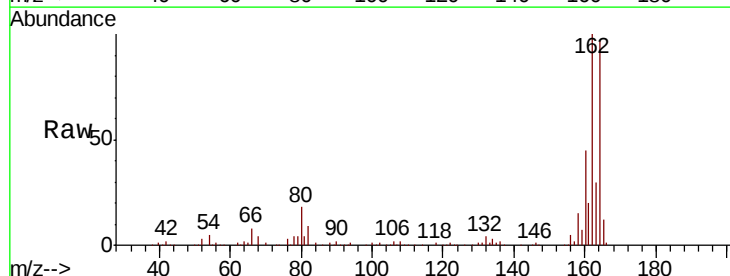


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

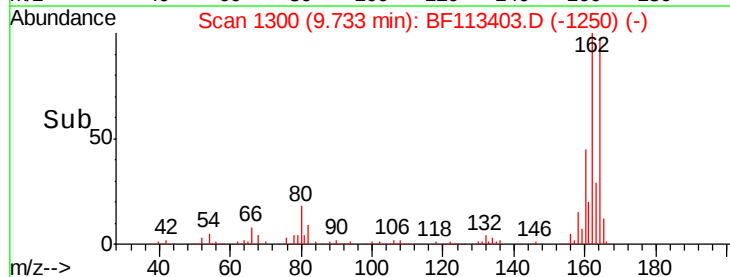
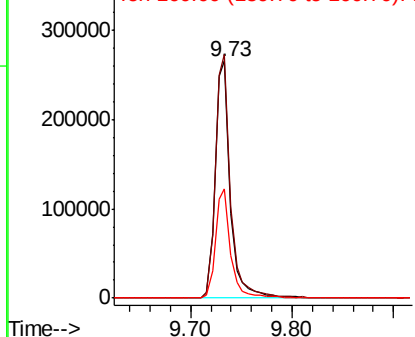


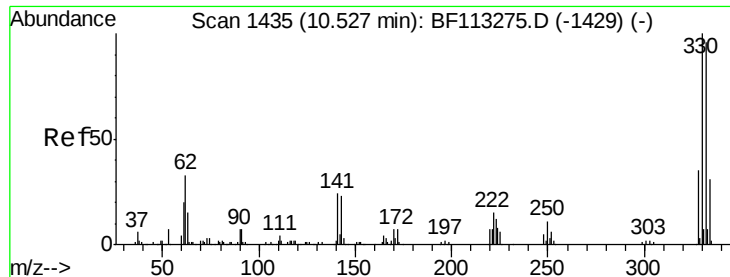
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113403.D
 Acq: 29 Mar 2019 6:31

Tgt Ion: 164 Resp: 275034
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.8 122.6
 160 46.0 36.4 54.6



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

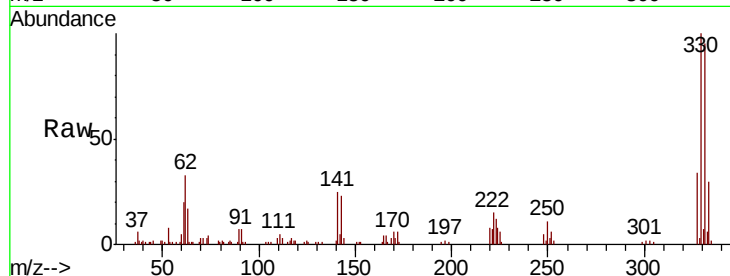




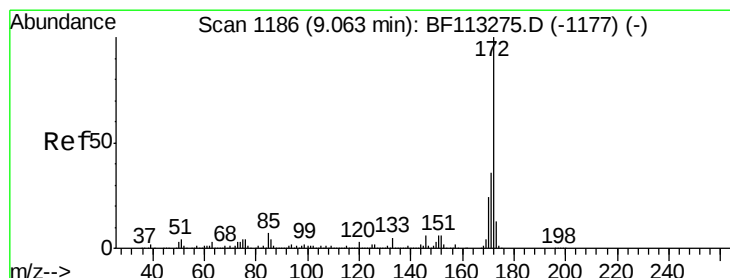
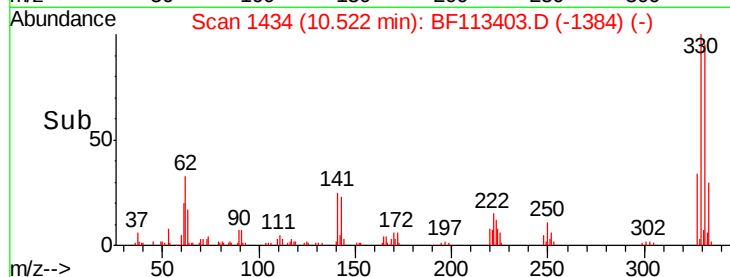
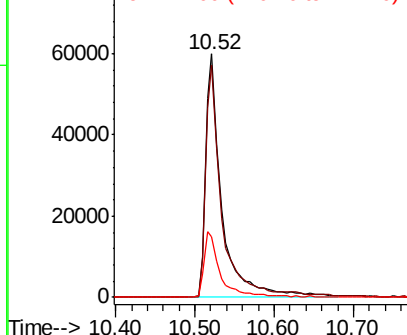
#42
 2,4,6-Tribromophenol
 Concen: 25.395 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113403.D
 Acq: 29 Mar 2019 6:31

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-A

Tot Ion:330 Resp: 86275
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.8 116.6
 141 26.1 22.7 34.1

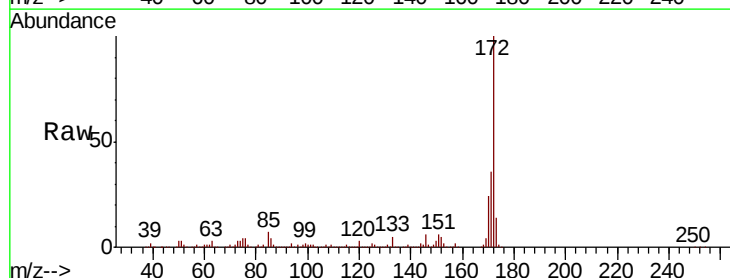


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

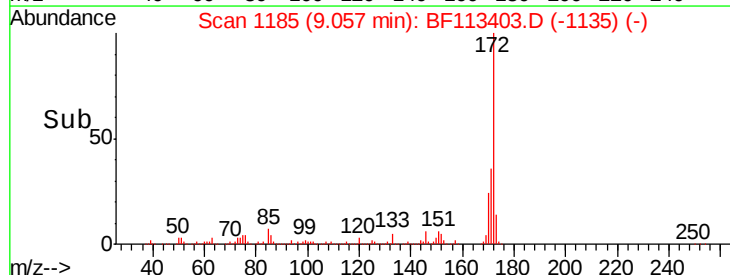
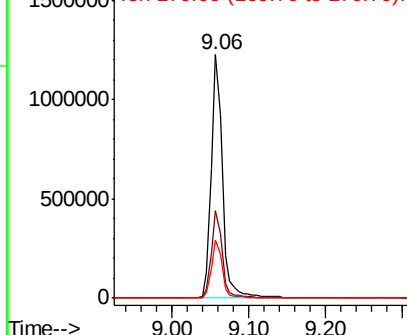


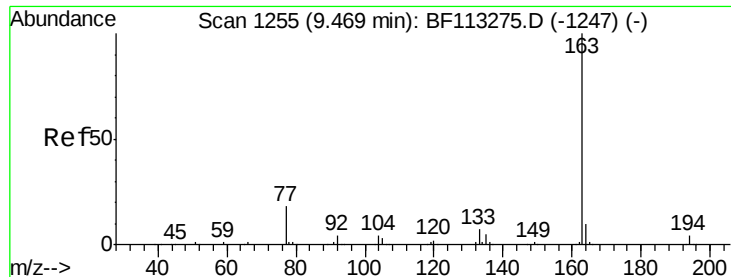
#45
 2-Fluorobiphenyl
 Concen: 66.331 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113403.D
 Acq: 29 Mar 2019 6:31

Tgt Ion:172 Resp: 1231926
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.0 19.5 29.3



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: 4.278 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113403.D

Acq: 29 Mar 2019 6:31

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-A

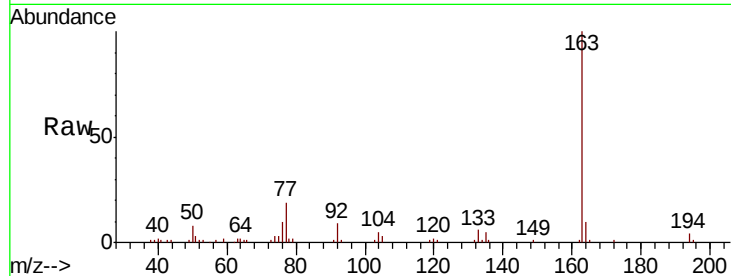
Tot Ion:163 Resp: 87190

Ion Ratio Lower Upper

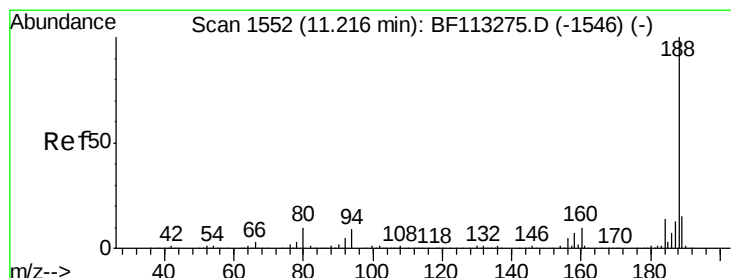
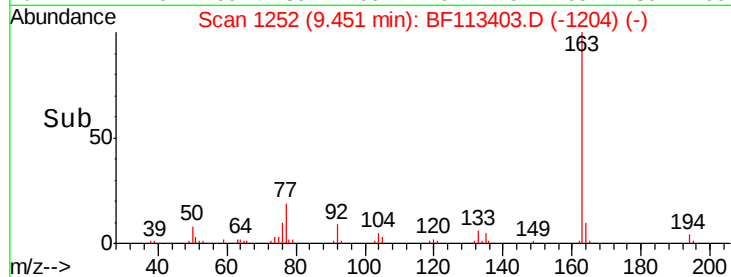
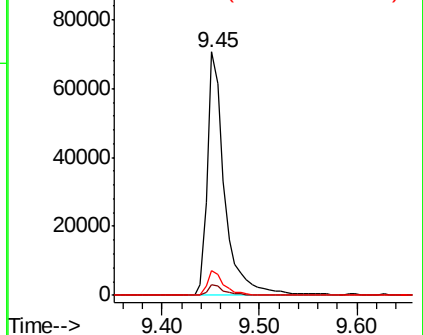
163 100

194 4.2 3.0 4.6

164 10.3 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113403.D

Acq: 29 Mar 2019 6:31

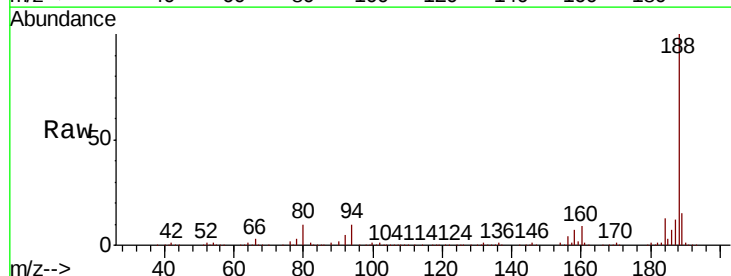
Tgt Ion:188 Resp: 538959

Ion Ratio Lower Upper

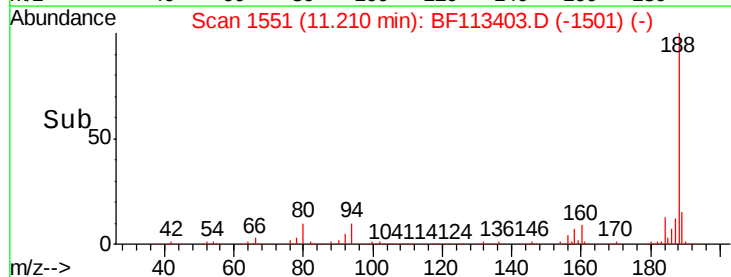
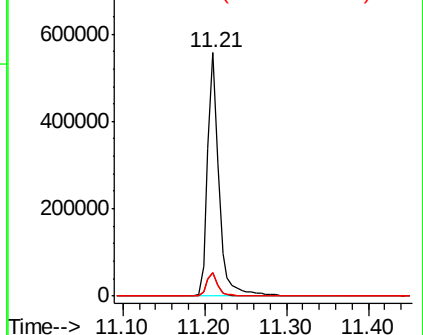
188 100

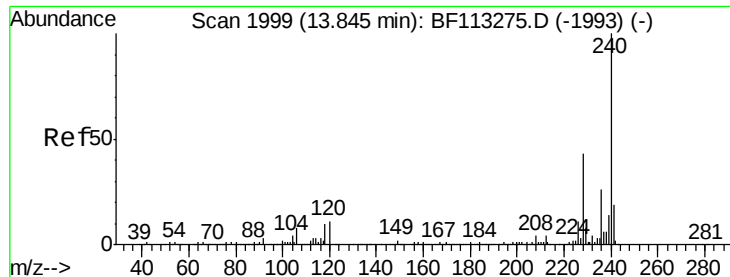
94 9.7 7.0 10.6

80 9.7 7.7 11.5



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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113403.D

Acq: 29 Mar 2019 6:31

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-A

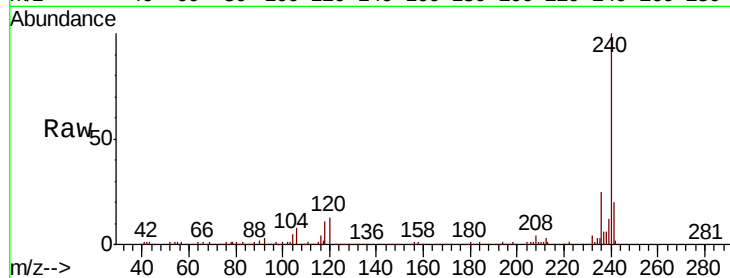
Tot Ion:240 Resp: 392805

Ion Ratio Lower Upper

240 100

120 12.9 8.8 13.2

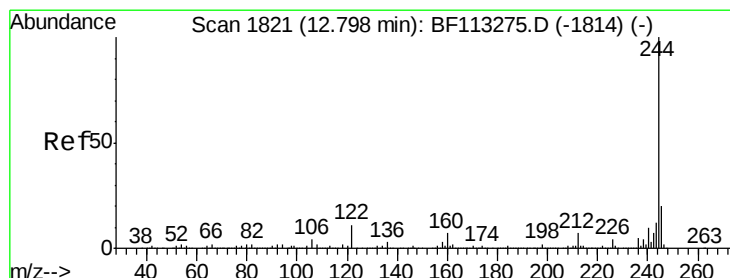
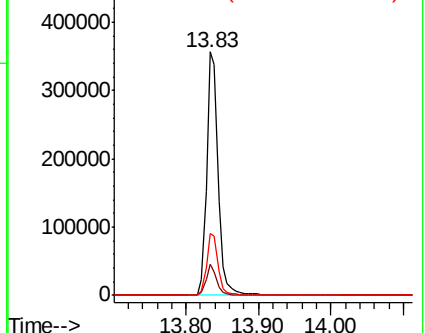
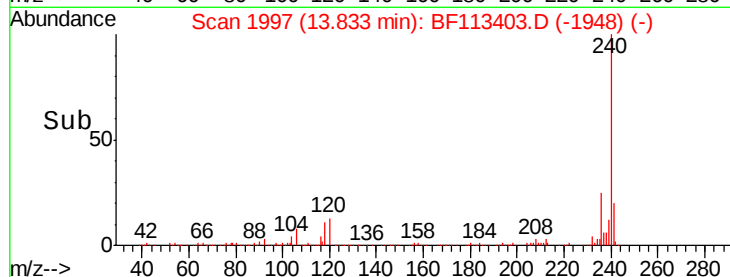
236 25.3 20.9 31.3



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: 65.396 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113403.D

Acq: 29 Mar 2019 6:31

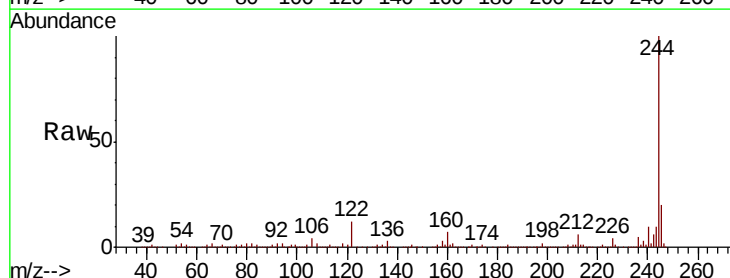
Tgt Ion:244 Resp: 1165421

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

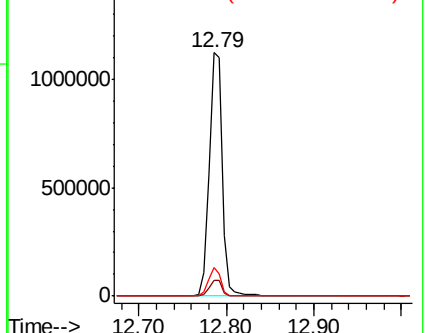
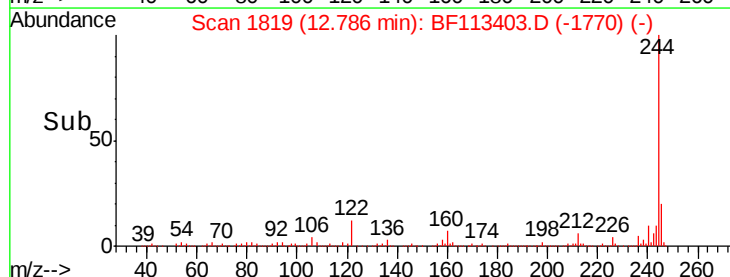
122 11.8 8.6 13.0

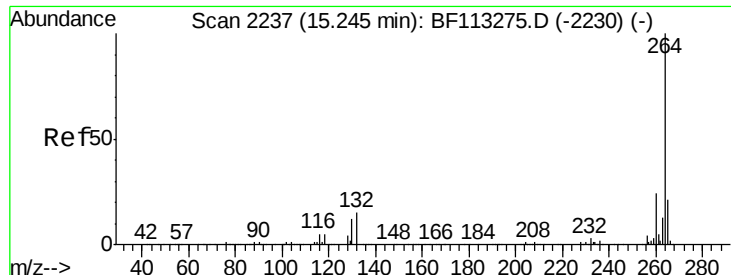


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113403.D
Acq: 29 Mar 2019 6:31

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.9	17.1	25.7

