

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 08:34:37 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

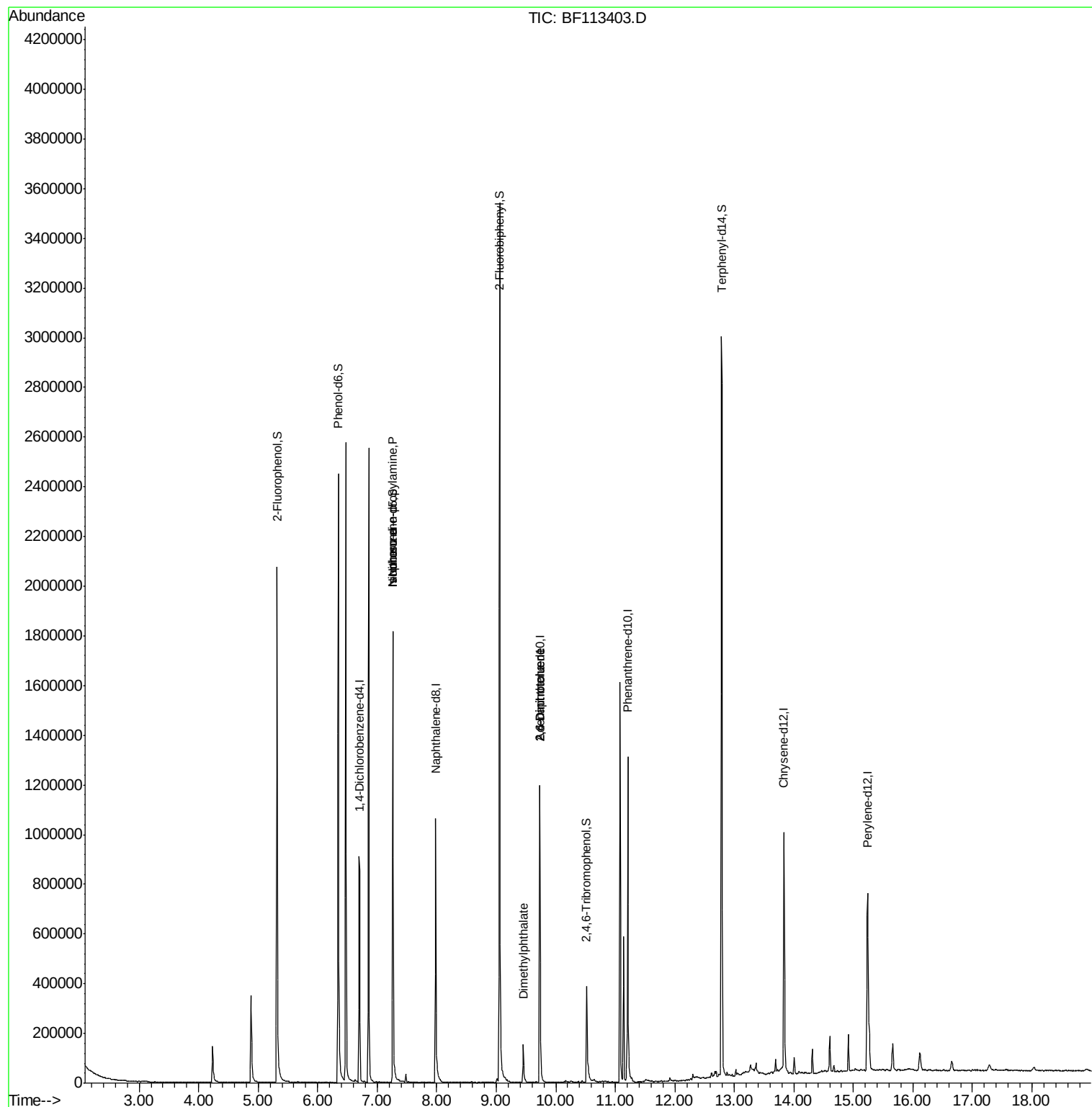
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150800	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	578202	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	275034	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	538959	20.00	ng	0.00
76) Chrysene-d12	13.83	240	392805	20.00	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						
19) n-Nitroso-di-n-propylamine	7.26	70	77526	10.579	ng	# 75
25) Isophorone	7.26	82	611609	32.397	ng	# 64
50) Dimethylphthalate	9.45	163	87190	4.278	ng	99
51) 2,6-Dinitrotoluene	9.73	165	34604	7.526	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	34604	5.918	ng	# 24

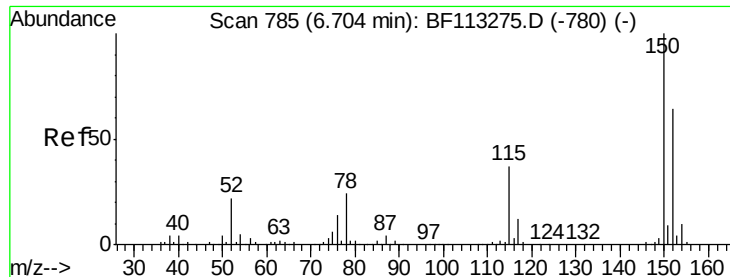
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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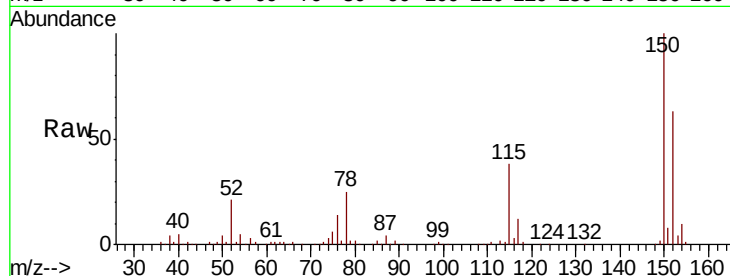


#1

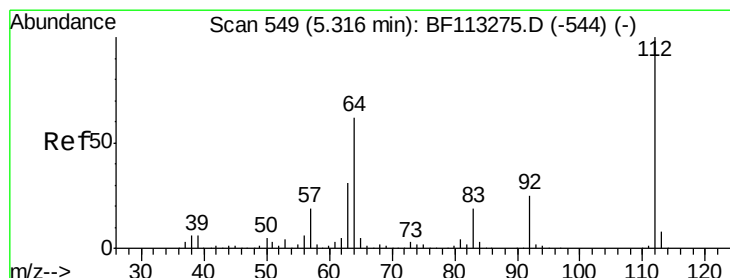
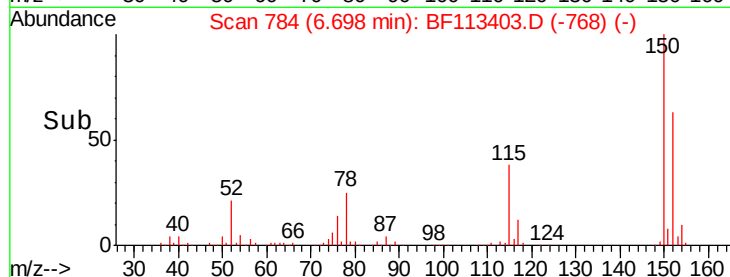
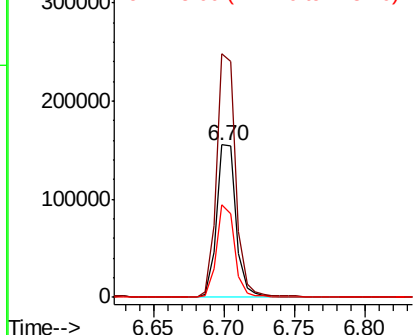
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113403.D
Acq: 29 Mar 2019 6:31

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-A

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



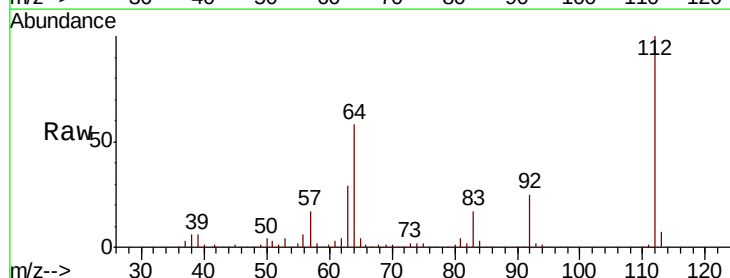
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



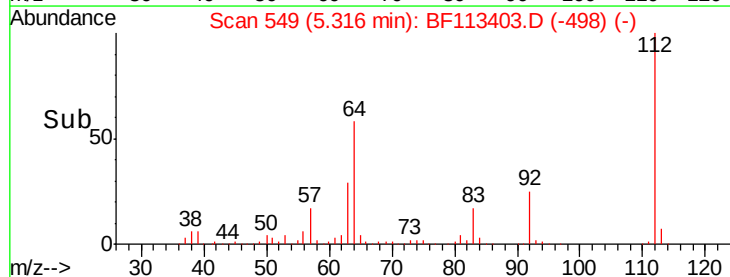
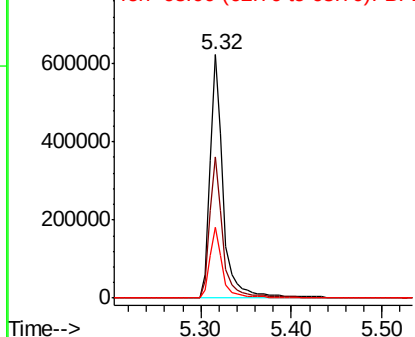
#5

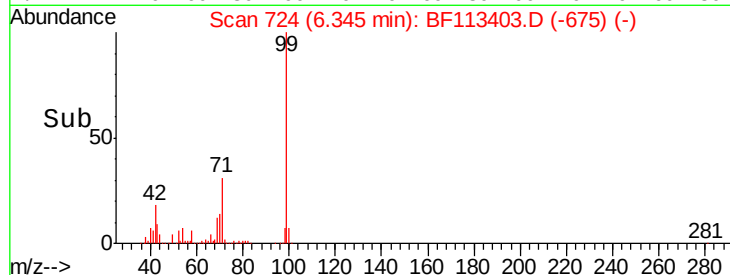
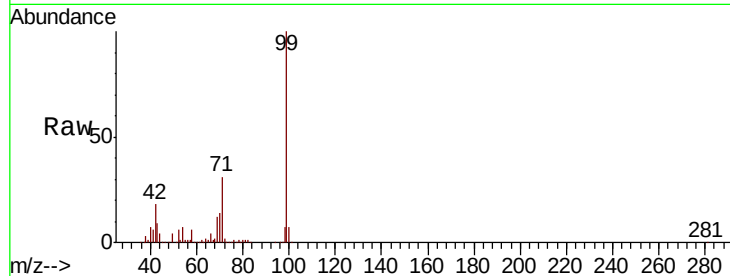
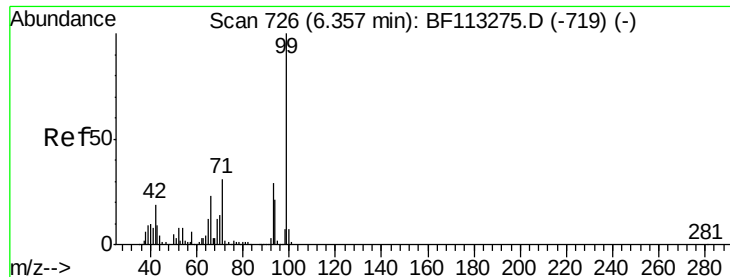
2-Fluorophenol
Concen: 70.046 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113403.D
Acq: 29 Mar 2019 6:31

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

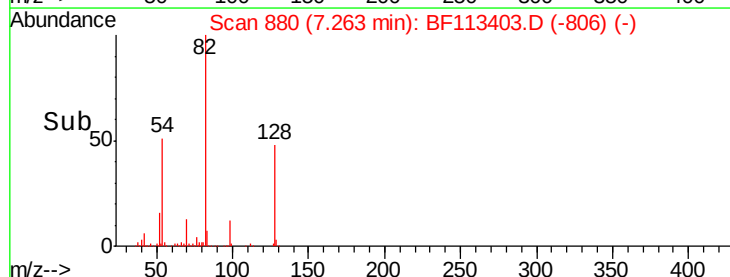
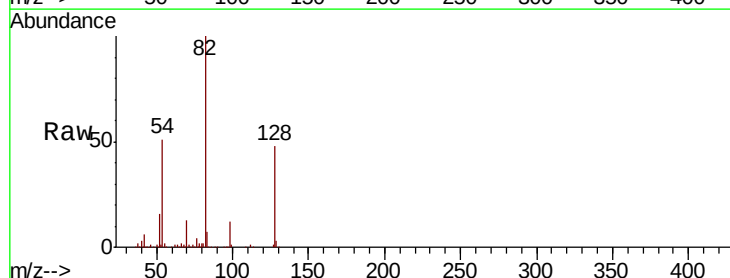
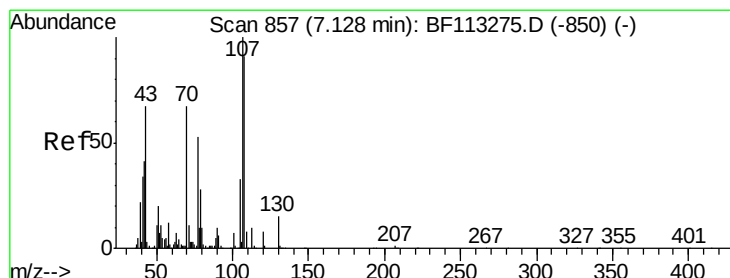
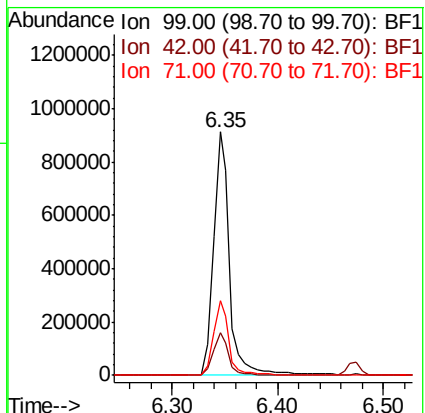
Tgt Ion: 99 Resp: 982599

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

71 30.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 10.579 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113403.D

Acq: 29 Mar 2019 6:31

Tgt Ion: 70 Resp: 77526

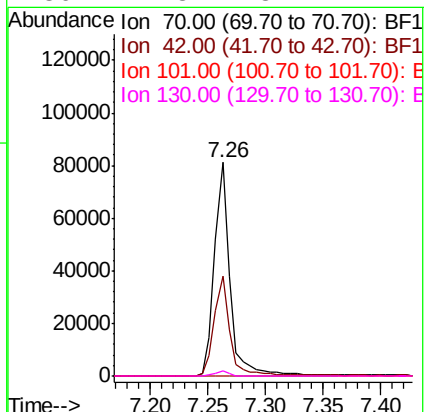
Ion Ratio Lower Upper

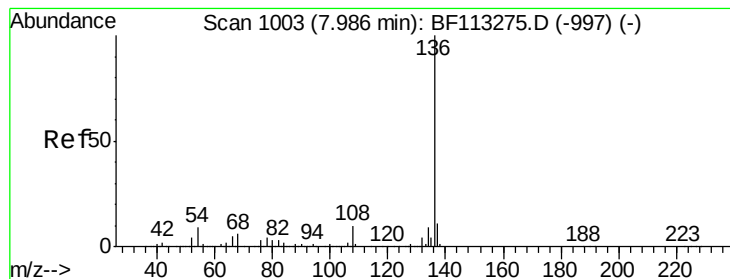
70 100

42 46.8 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#





#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

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-A

Tgt Ion: 136 Resp: 578202

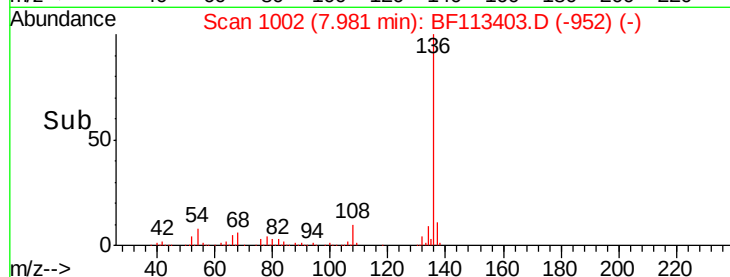
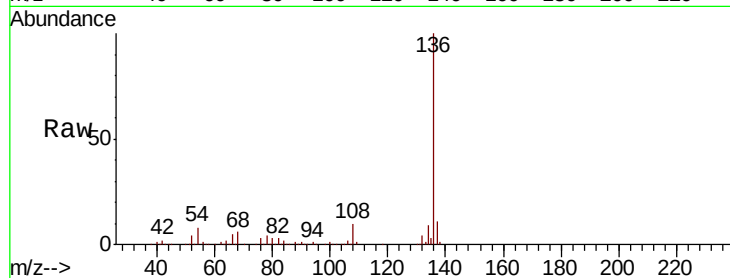
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.3 7.0 10.6

68 6.4 4.8 7.2

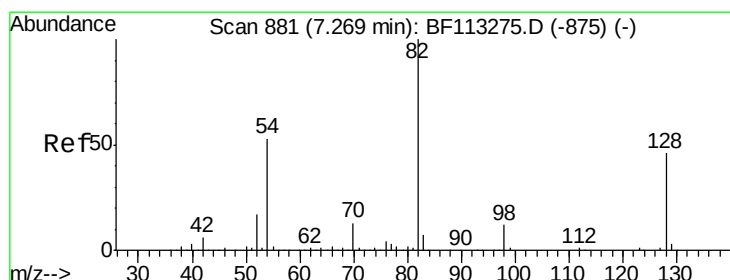
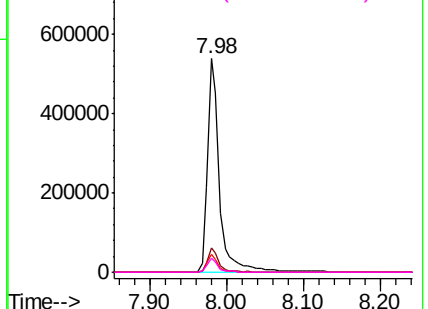


Abundance Ion 136.00 (135.70 to 136.70): E

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

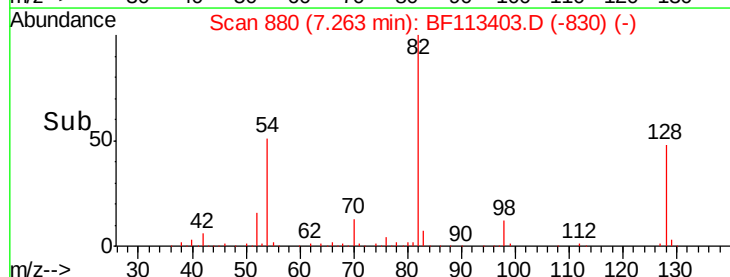
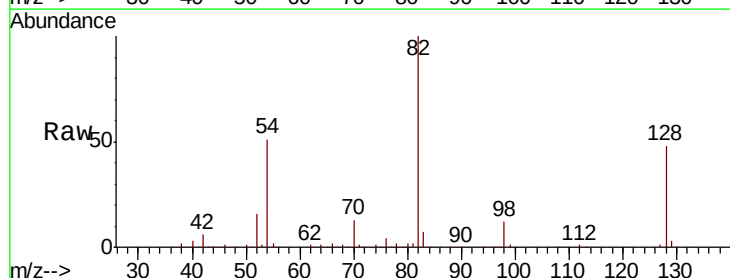
Tgt Ion: 82 Resp: 611612

Ion Ratio Lower Upper

82 100

128 47.7 36.5 54.7

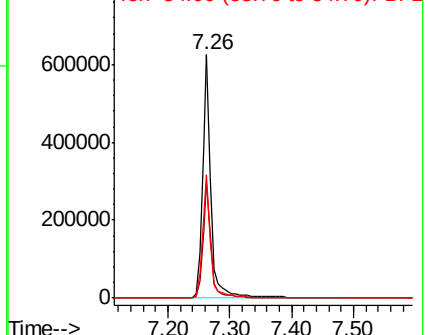
54 50.7 42.2 63.2

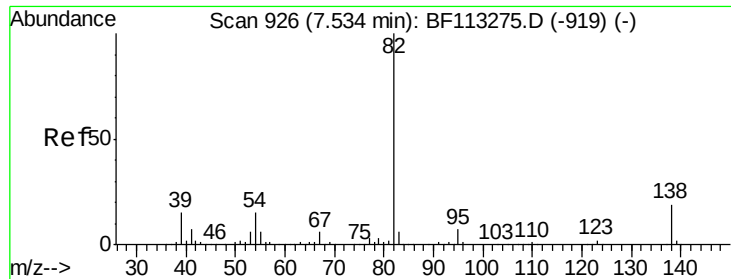


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

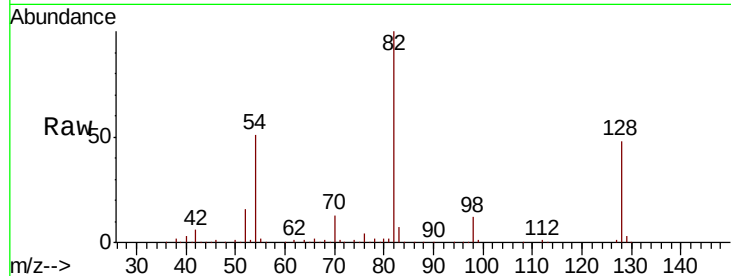




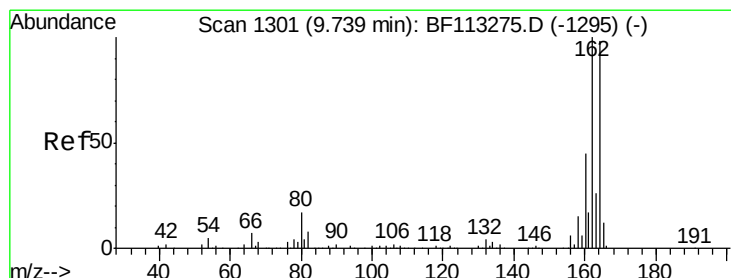
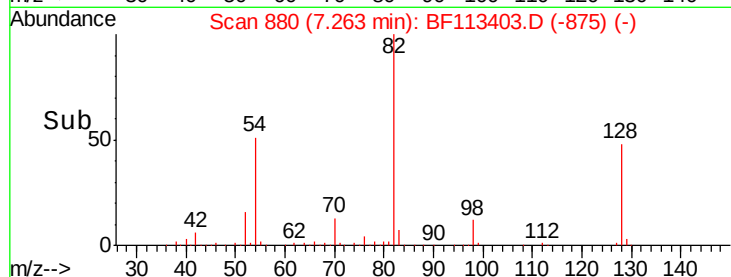
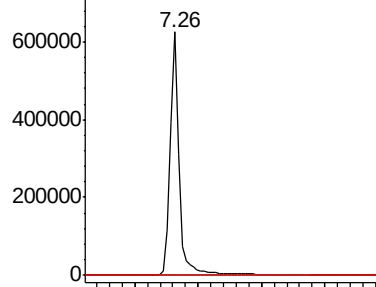
#25
Isophorone
Concen: 32.397 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113403.D
Acq: 29 Mar 2019 6:31

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-A

Tgt Ion: 82 Resp: 611609
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#

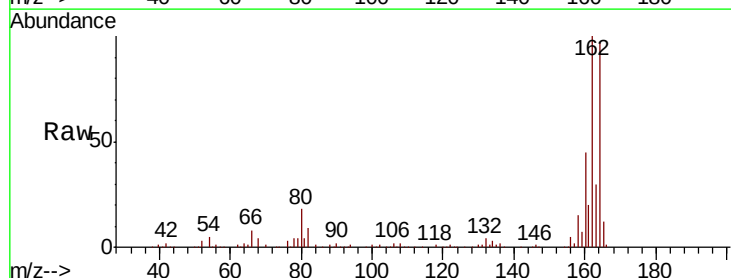


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

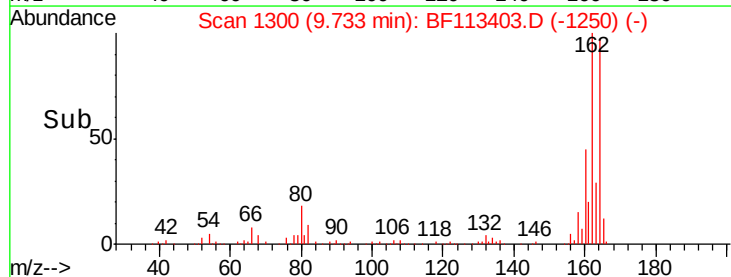
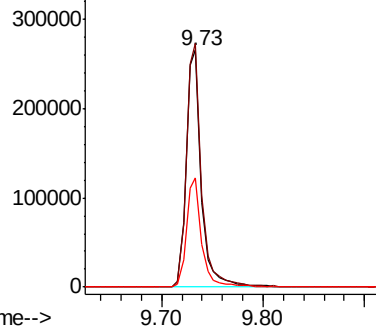


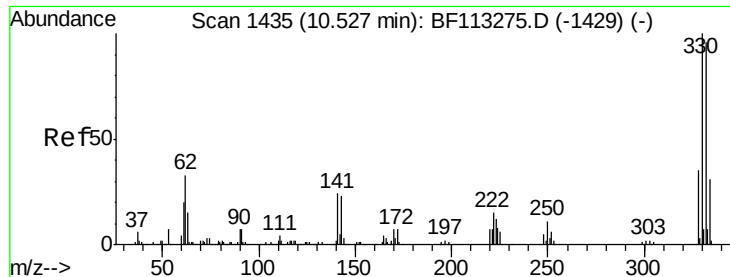
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113403.D
Acq: 29 Mar 2019 6:31

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

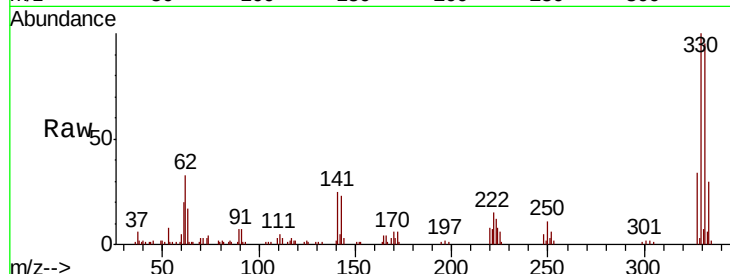




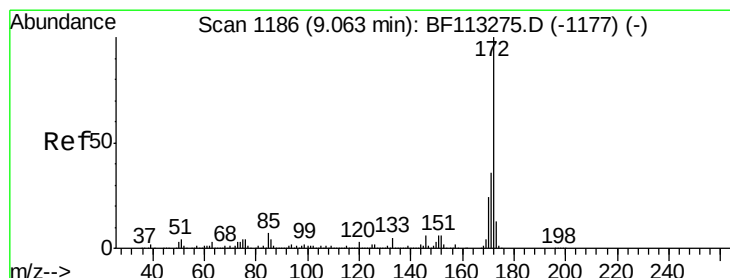
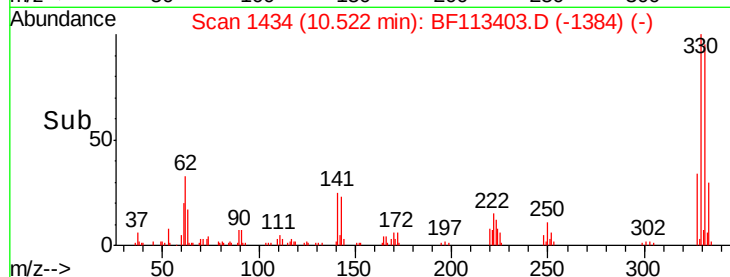
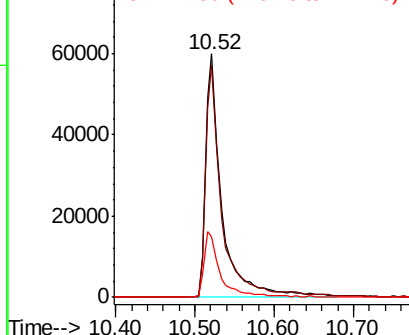
#42
 2,4,6-Tribromophenol
 Concen: 25.395 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113403.D
 Acq: 29 Mar 2019 6:31

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

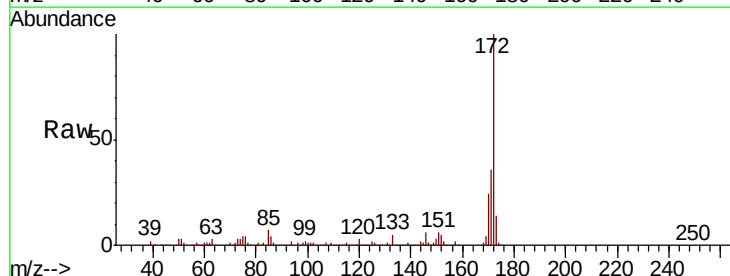


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

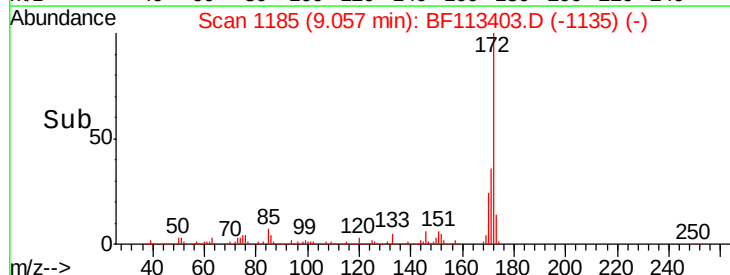
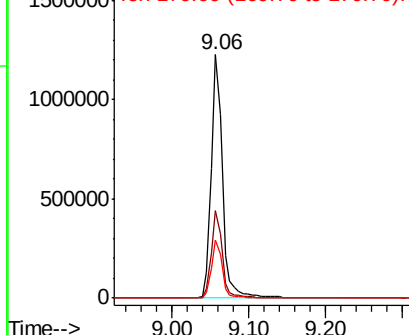


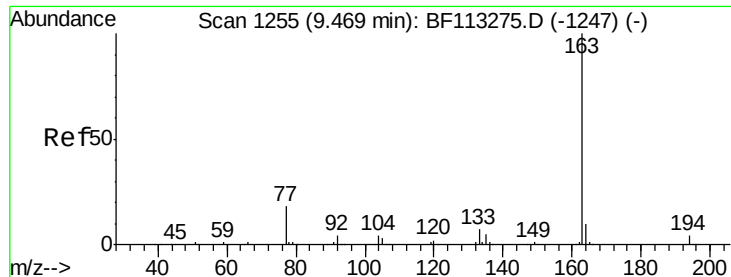
#45
 2-Fluorobiphenyl
 Concen: 66.331 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113403.D
 Acq: 29 Mar 2019 6:31

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

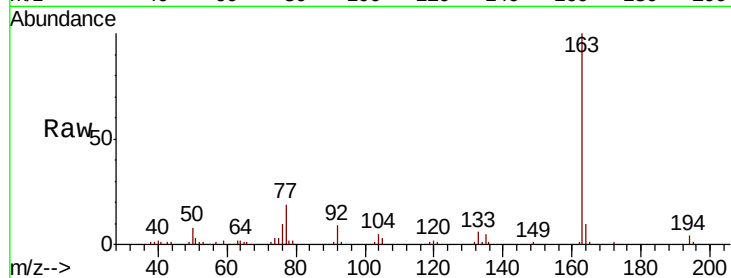
Tgt Ion:163 Resp: 87190

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

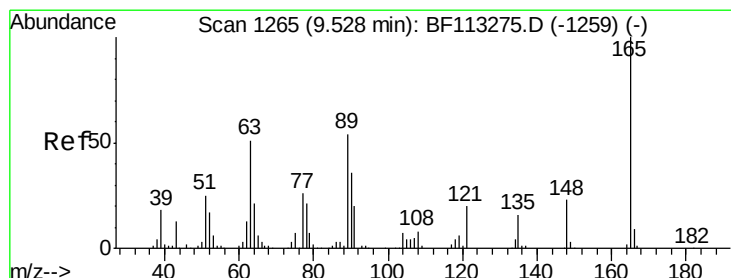
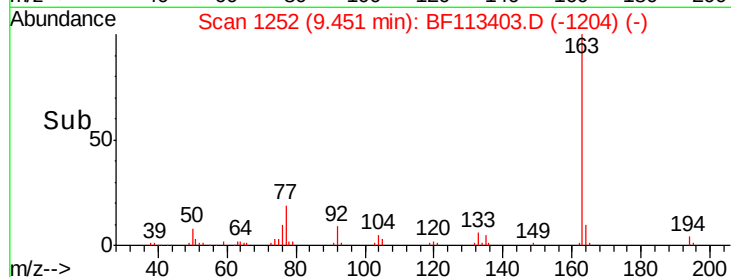
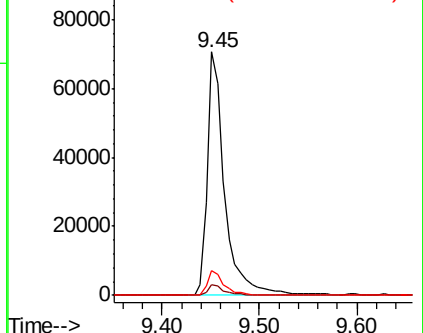
164 10.3 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 7.526 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113403.D

Acq: 29 Mar 2019 6:31

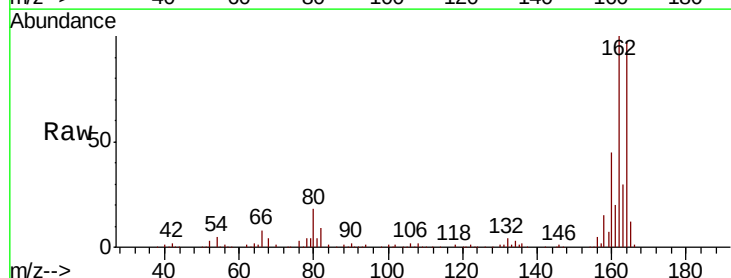
Tgt Ion:165 Resp: 34604

Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

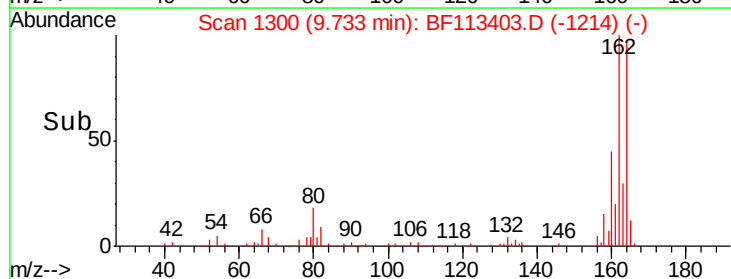
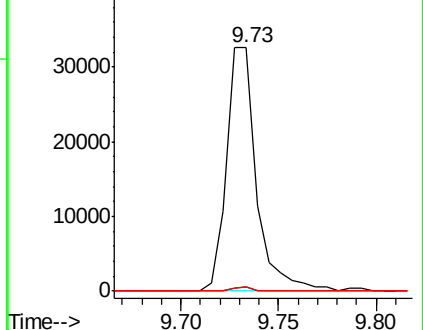
89 1.7 43.1 64.7#

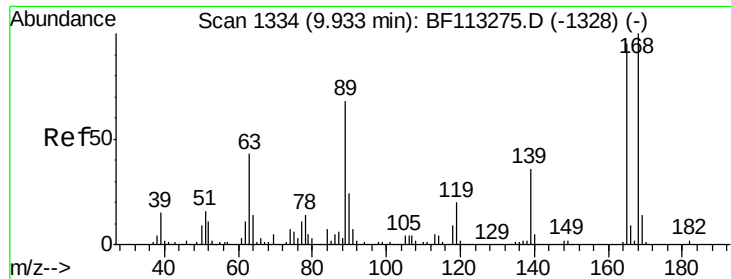


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

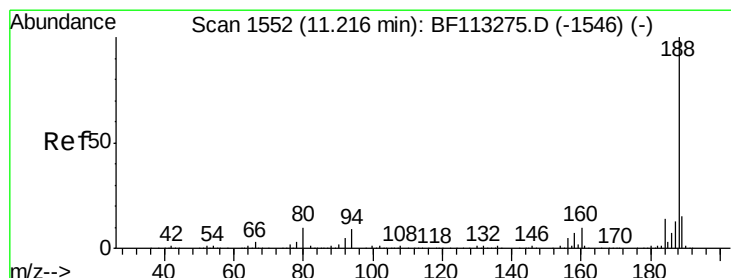
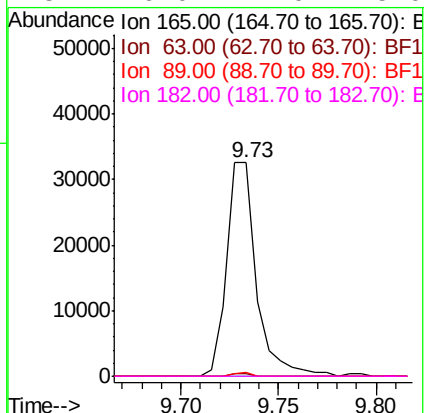
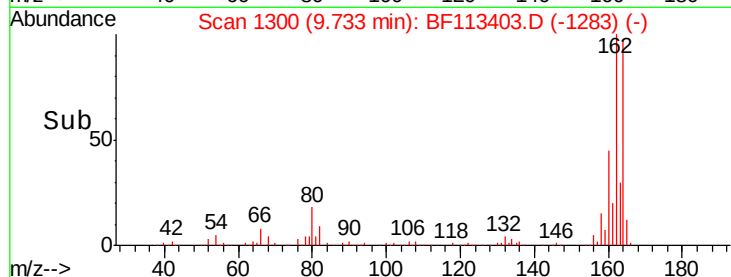
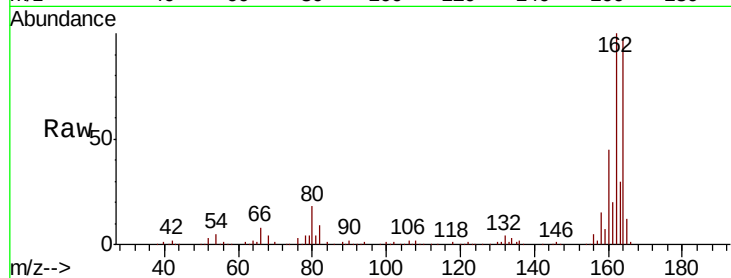




#57
 2,4-Dinitrotoluene
 Concen: 5.918 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113403.D
 Acq: 29 Mar 2019 6:31

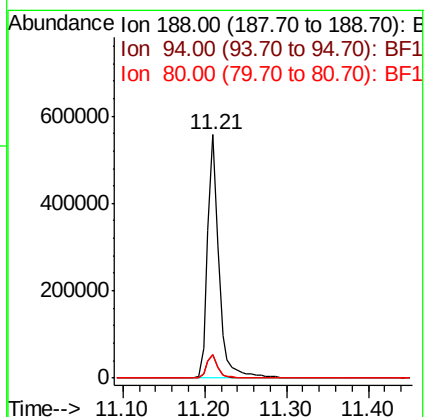
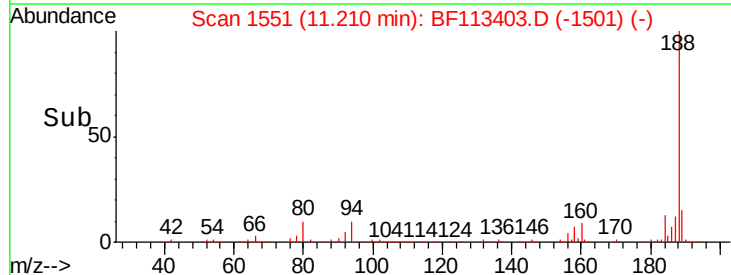
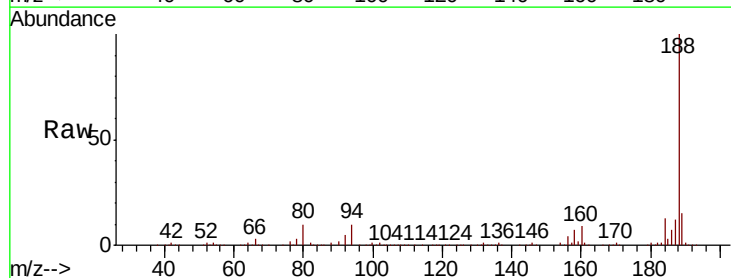
Instrument :
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 CONCRETE-COMP-A

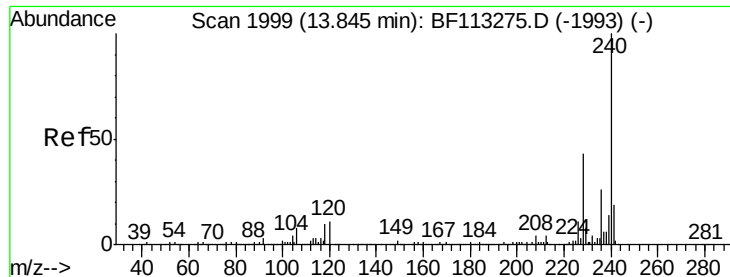
Tgt Ion:165 Resp: 34604
 Ion Ratio Lower Upper
 165 100
 63 1.5 37.5 56.3#
 89 1.7 57.4 86.2#
 182 0.0 2.0 3.0#



#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

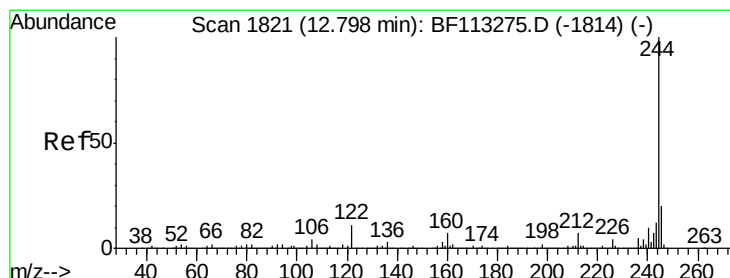
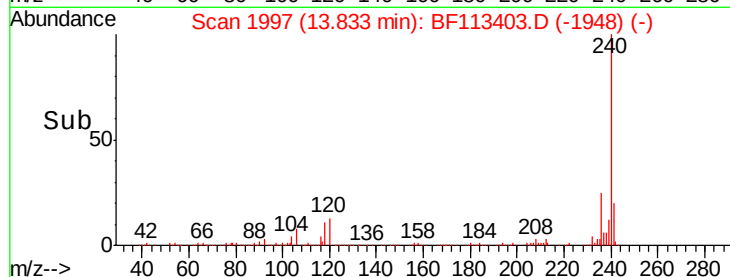
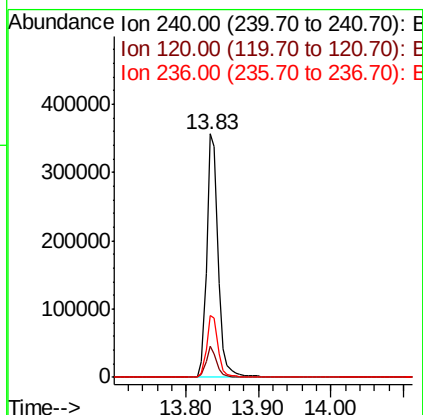
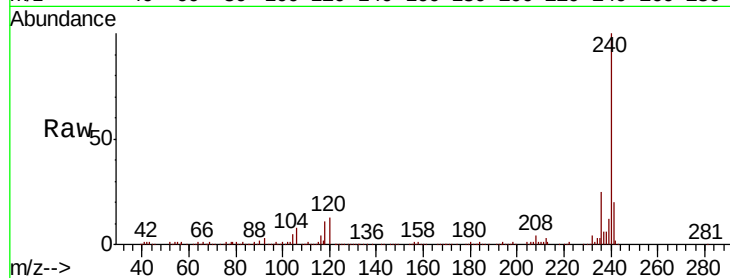




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113403.D
Acq: 29 Mar 2019 6:31

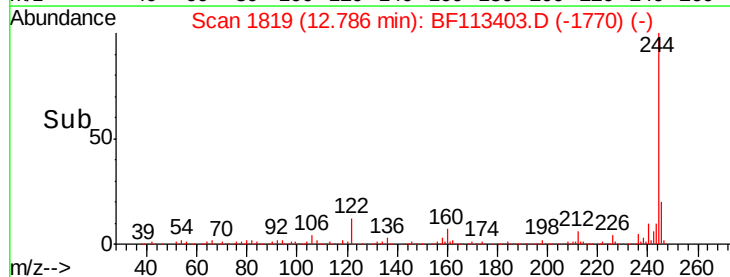
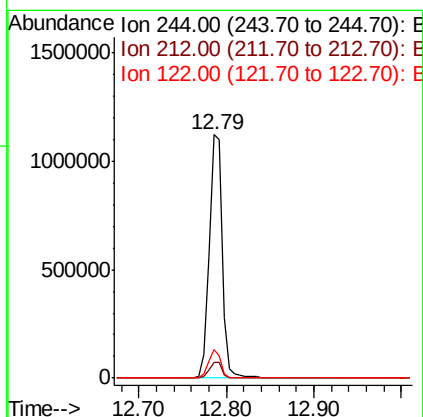
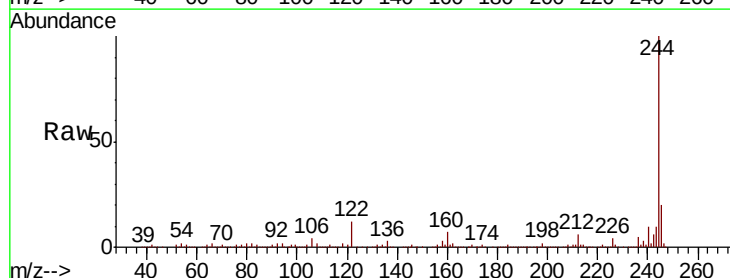
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-A

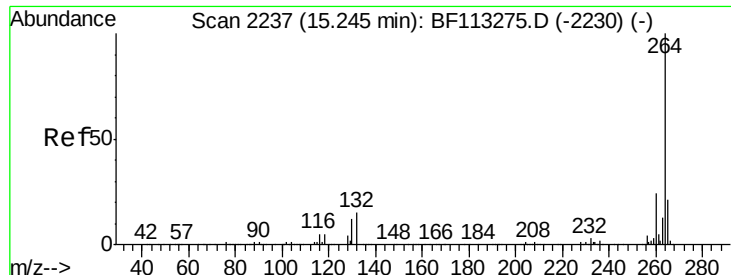
Tgt Ion:240 Resp: 392805
Ion Ratio Lower Upper
240 100
120 12.9 8.8 13.2
236 25.3 20.9 31.3



#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





#87
Perylene-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

Tgt Ion: 264 Resp: 396317
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.9 17.1 25.7

