

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114328.D
 Acq On : 17 May 2019 00:37
 Operator : JU/SJ
 Sample : K2867-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-D

Quant Time: May 17 08:00:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

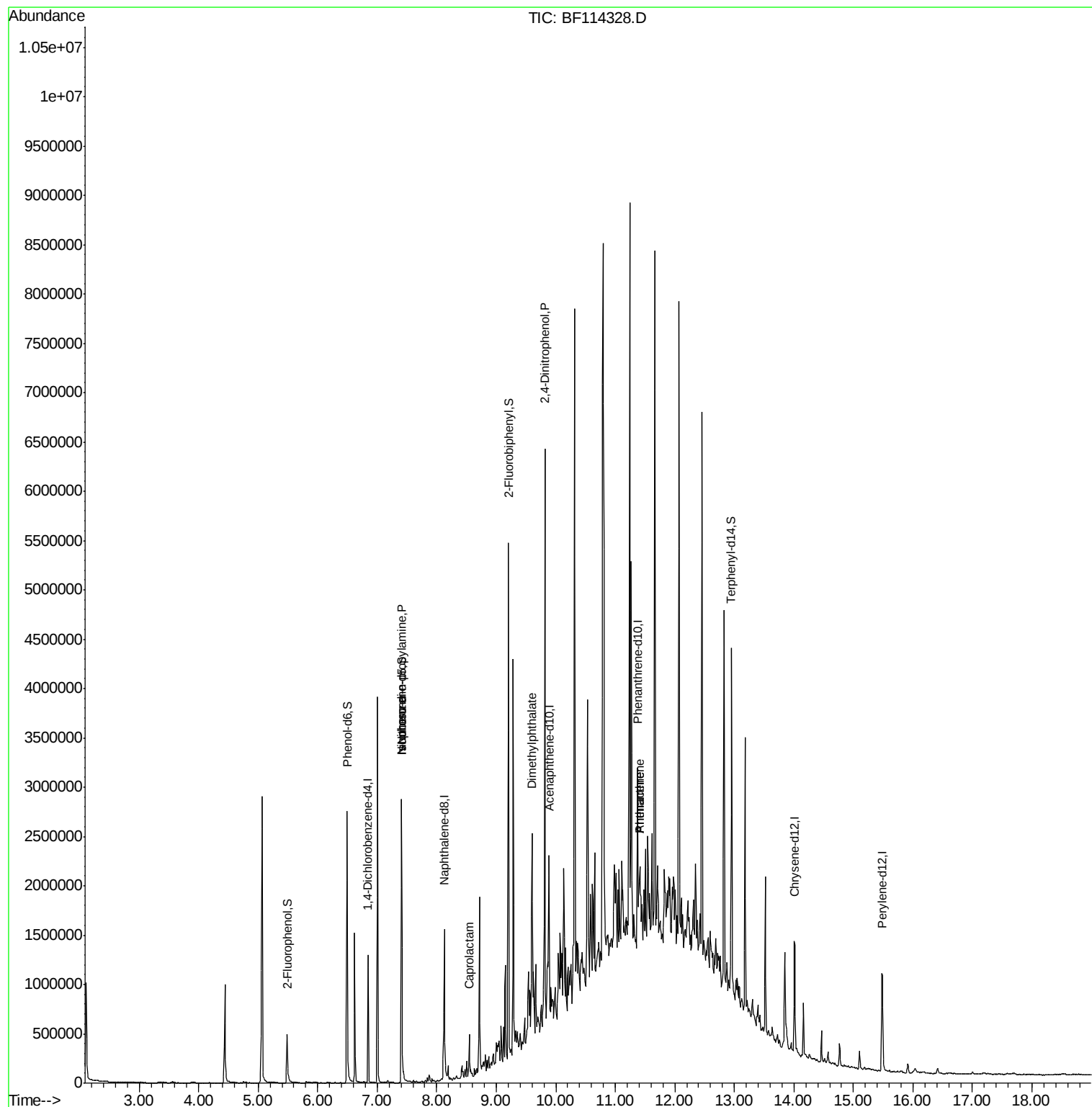
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	190991	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	733742	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	321533	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	533139	20.00	ng	0.00
76) Chrysene-d12	14.02	240	411834	20.00	ng	0.00
87) Perylene-d12	15.48	264	488653	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	185349	15.62	ng	0.00
7) Phenol-d6	6.49	99	977596	69.64	ng	0.00
23) Nitrobenzene-d5	7.41	82	922090	70.53	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	926	0.28	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1581397	74.40	ng	0.00
79) Terphenyl-d14	12.96	244	1273317	63.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	121711	13.680	ng	# 75
25) Isophorone	7.41	82	922083	38.027	ng	# 64
35) Caprolactam	8.55	113	7567	2.297	ng	# 15
50) Dimethylphthalate	9.60	163	132675	5.621	ng	# 96
54) 2,4-Dinitrophenol	9.82	184	271	6.840	ng	# 1
71) Phenanthrene	11.40	178	180198	6.947	ng	98
72) Anthracene	11.40	178	180198	6.917	ng	98

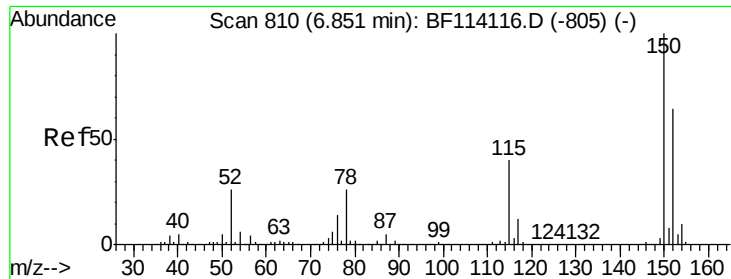
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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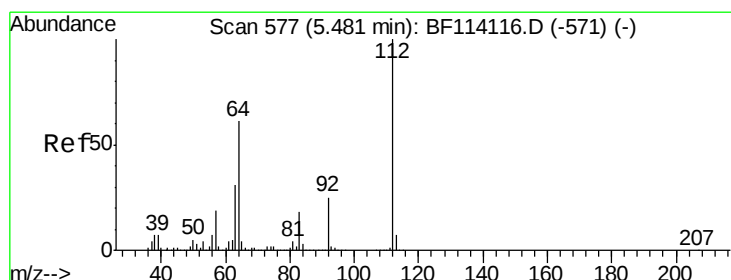
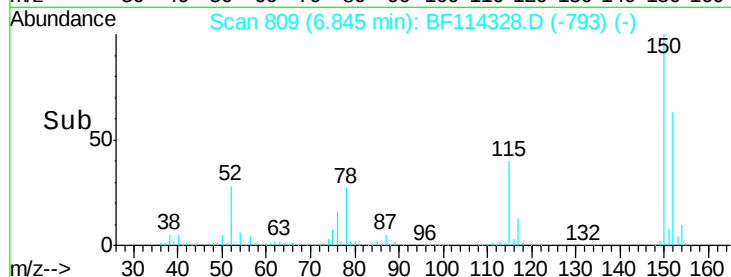
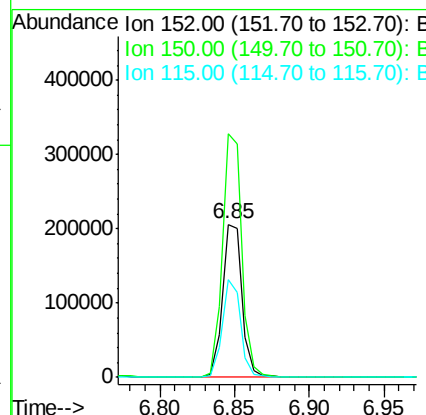
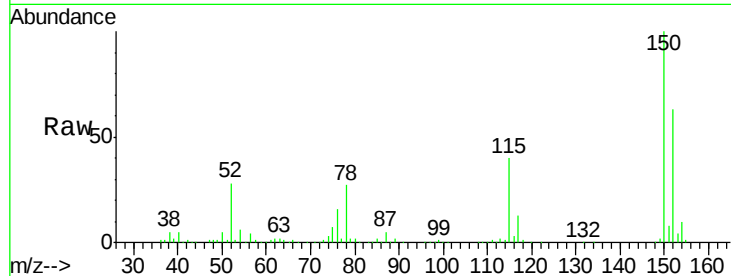


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114328.D
Acq: 17 May 2019 00:37

Instrument :
BNA_F
ClientSampleId :
CONCRETE-D

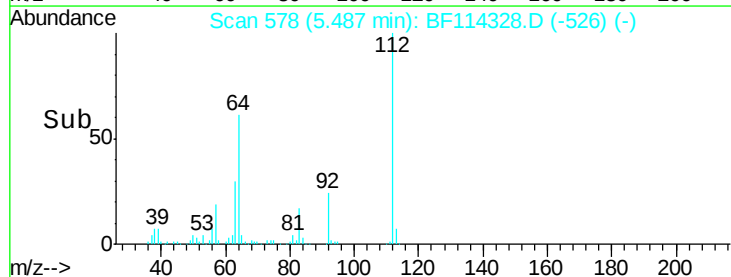
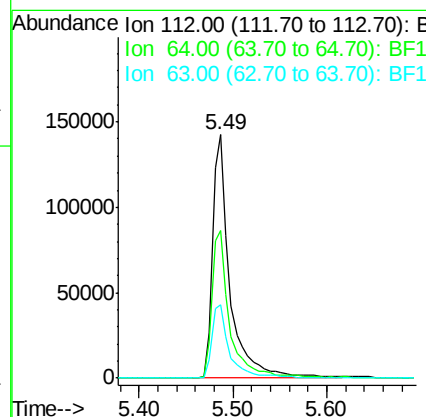
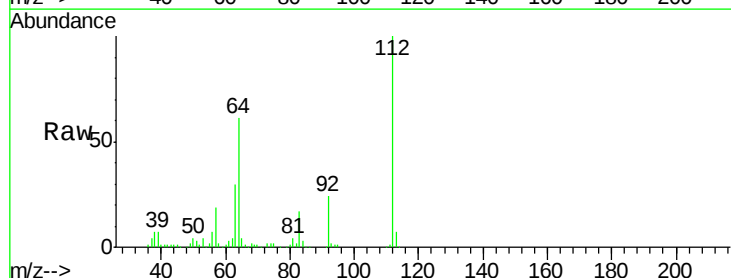
Tot Ion:152 Resp: 190991
Ion Ratio Lower Upper
152 100
150 158.8 124.3 186.5
115 64.1 49.1 73.7

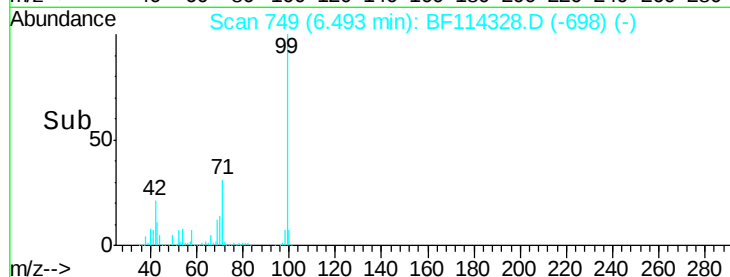
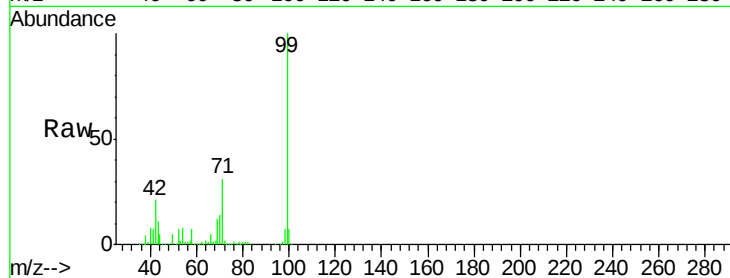
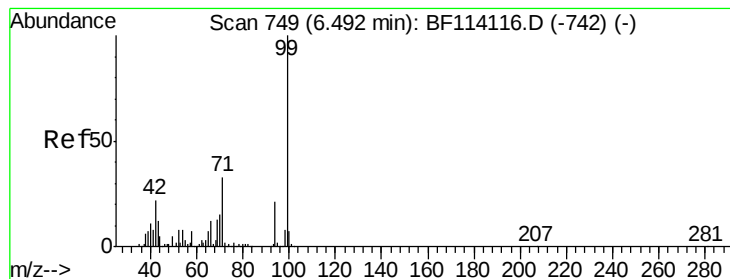


#5

2-Fluorophenol
Concen: 15.617 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114328.D
Acq: 17 May 2019 00:37

Tgt Ion:112 Resp: 185349
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.6
63 30.3 24.6 37.0





#7

Phenol-d6

Concen: 69.645 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114328.D

Acq: 17 May 2019 00:37

Instrument :

BNA_F

ClientSampleId :

CONCRETE-D

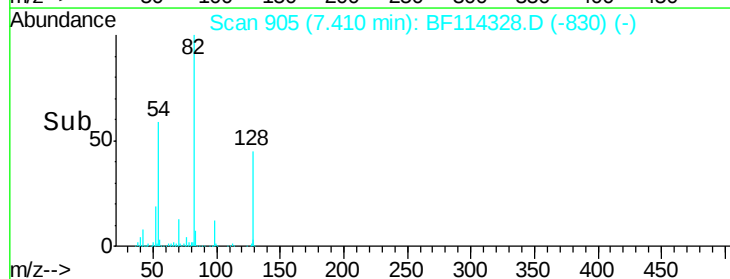
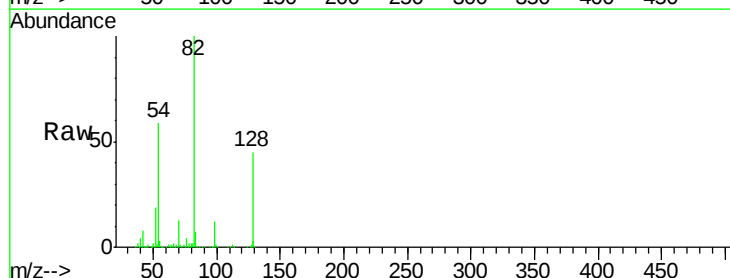
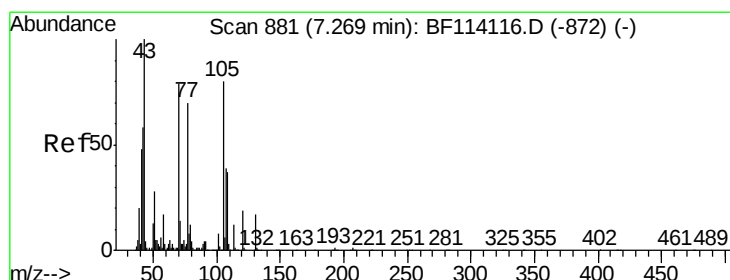
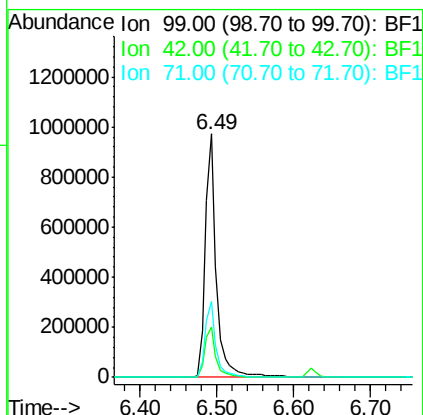
Tot Ion: 99 Resp: 977596

Ion Ratio Lower Upper

99 100

42 20.9 17.9 26.9

71 31.1 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.680 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114328.D

Acq: 17 May 2019 00:37

Tgt Ion: 70 Resp: 121711

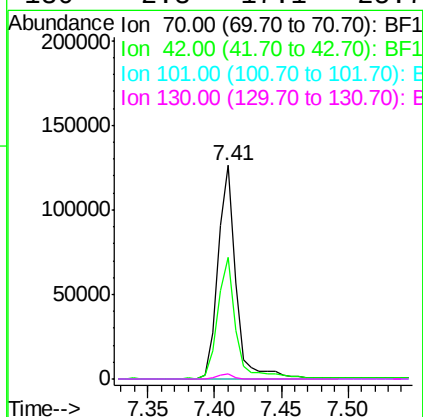
Ion Ratio Lower Upper

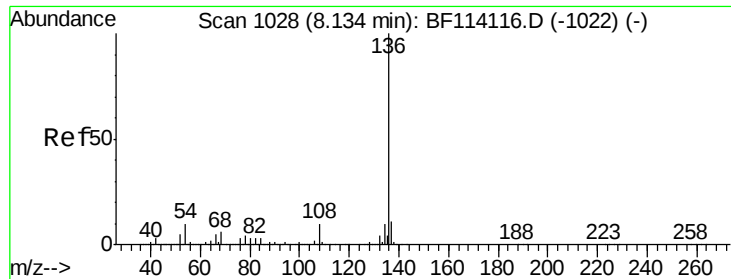
70 100

42 56.7 58.6 87.8#

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

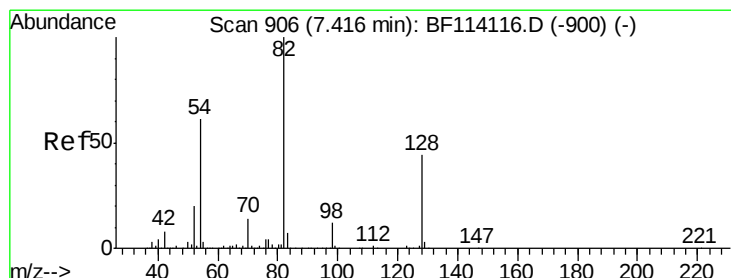
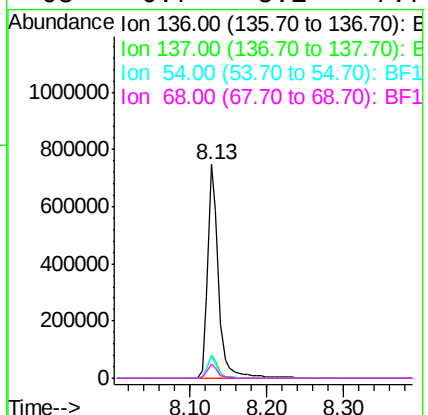
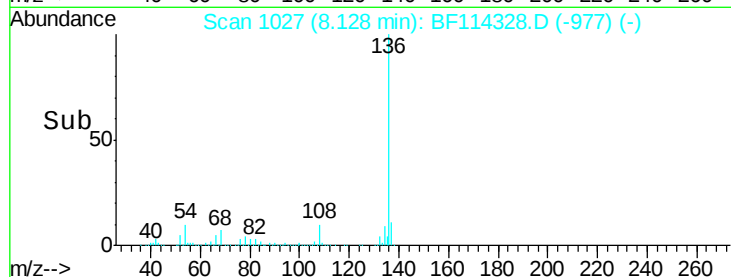
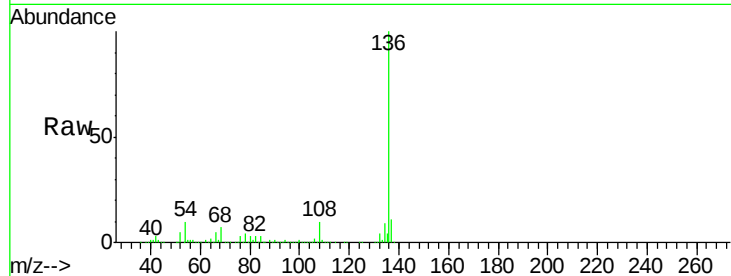




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114328.D
Acq: 17 May 2019 00:37

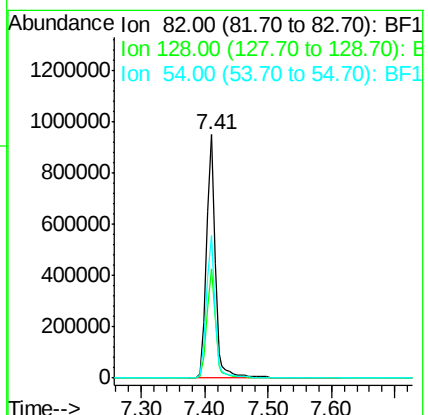
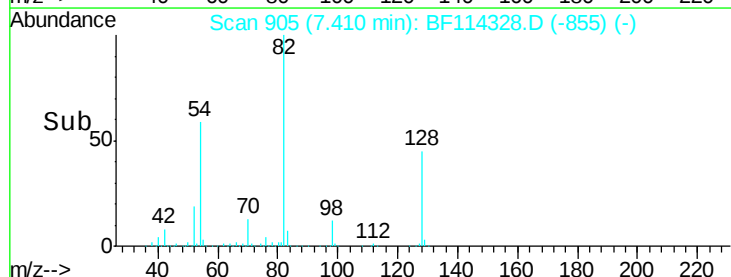
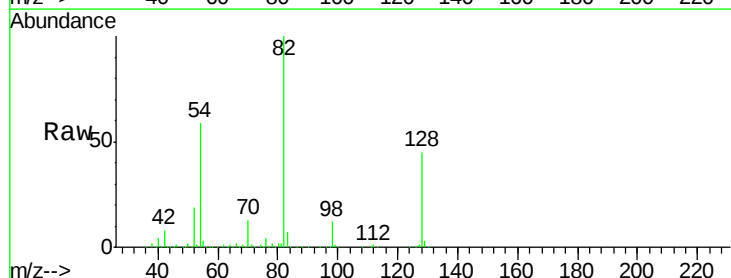
Instrument :
BNA_F
ClientSampleId :
CONCRETE-D

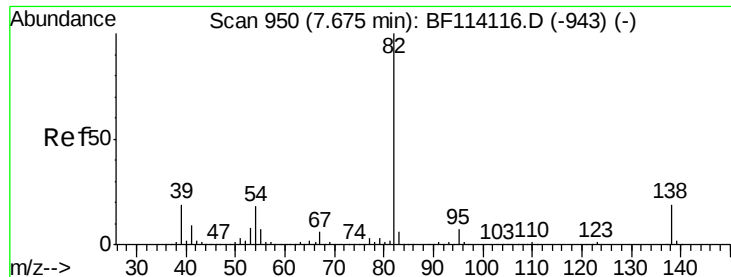
Tot Ion:136	Resp:	733742
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 10.0	7.8	11.8
68 6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 70.526 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114328.D
Acq: 17 May 2019 00:37

Tgt Ion: 82	Resp: 922090
Ion Ratio	Lower Upper
82 100	
128 44.7	35.5 53.3
54 58.6	48.5 72.7





#25

Isophorone

Concen: 38.027 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114328.D

Acq: 17 May 2019 00:37

Instrument :

BNA_F

ClientSampleId :

CONCRETE-D

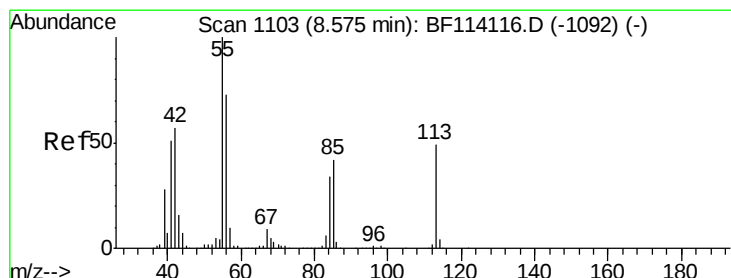
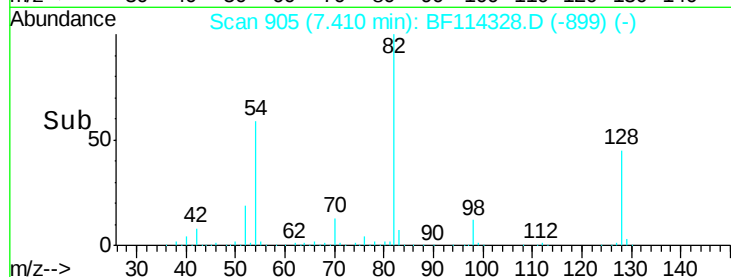
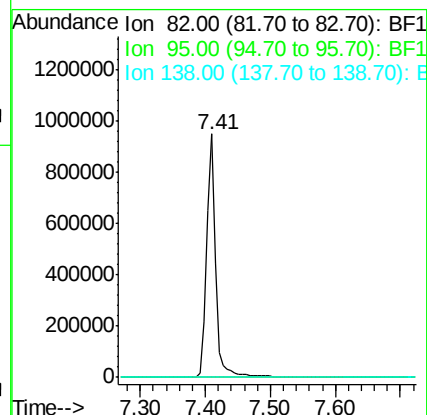
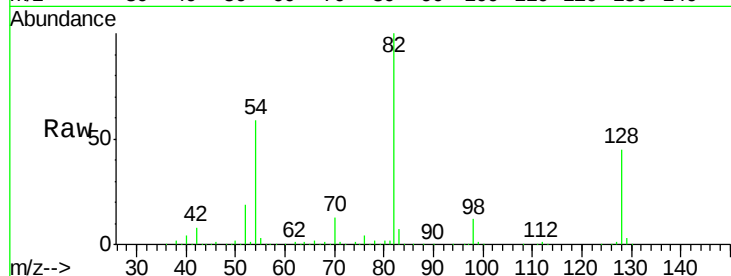
Tot Ion: 82 Resp: 922083

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#35

Caprolactam

Concen: 2.297 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF114328.D

Acq: 17 May 2019 00:37

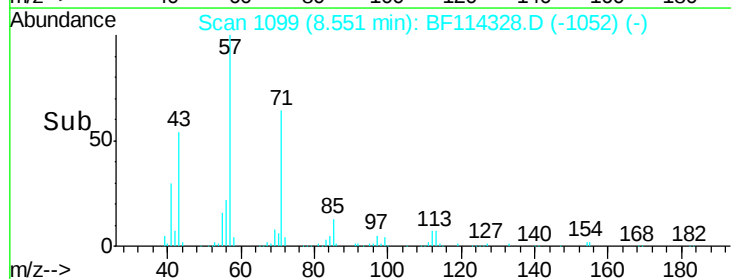
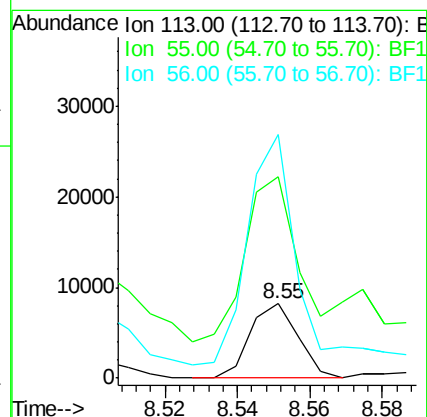
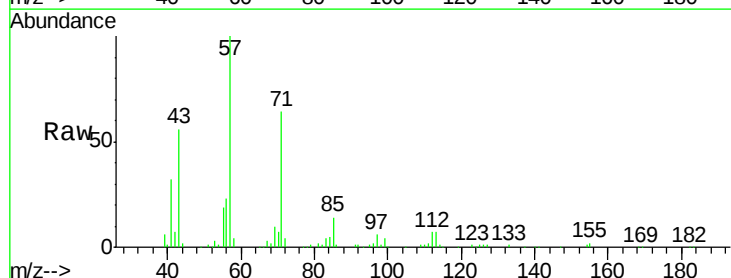
Tgt Ion: 113 Resp: 7567

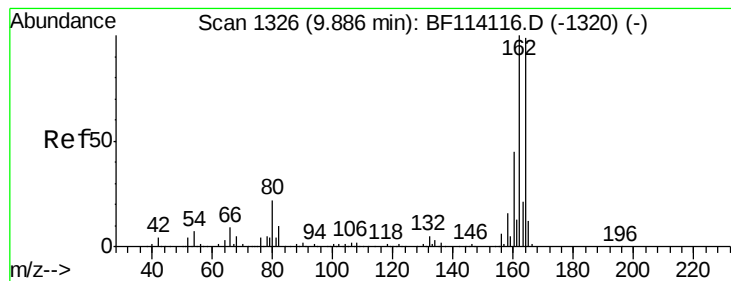
Ion Ratio Lower Upper

113 100

55 270.8 183.5 223.5#

56 326.7 128.8 168.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF114328.D

Acq: 17 May 2019 00:37

Instrument :

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ClientSampleId :

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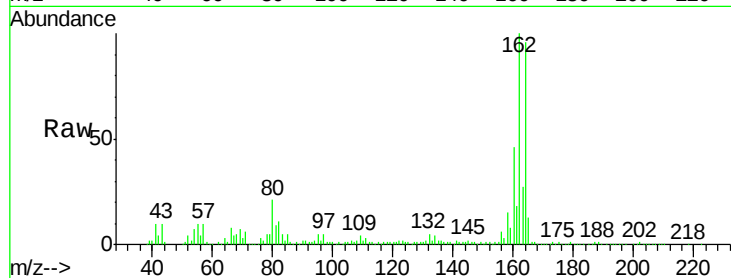
Tot Ion:164 Resp: 321533

Ion Ratio Lower Upper

164 100

162 103.7 80.6 120.8

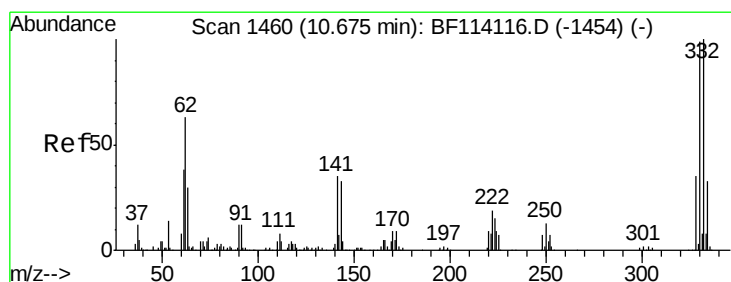
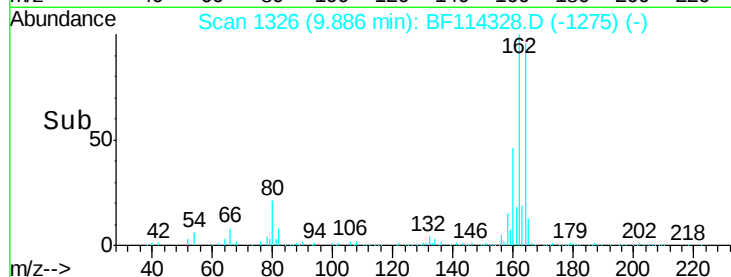
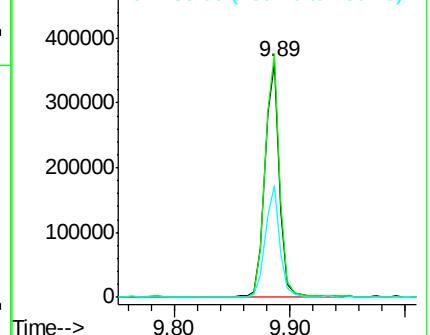
160 47.5 36.5 54.7



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: 0.279 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114328.D

Acq: 17 May 2019 00:37

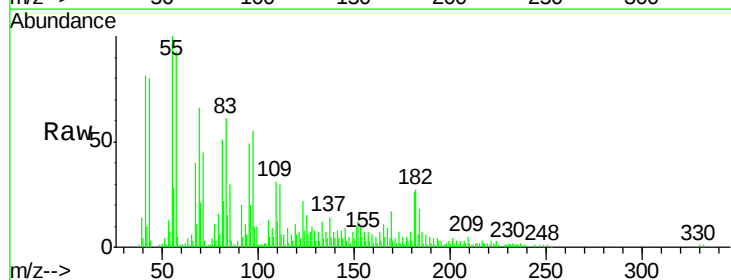
Tgt Ion:330 Resp: 926

Ion Ratio Lower Upper

330 100

332 97.6 81.4 122.2

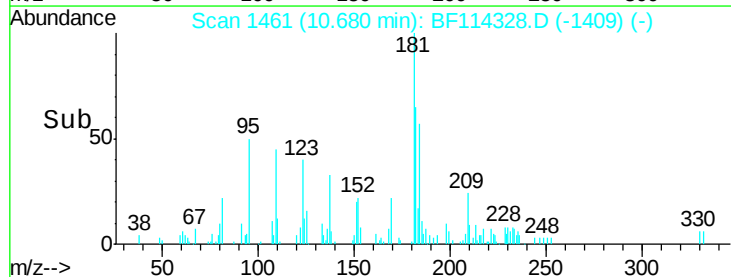
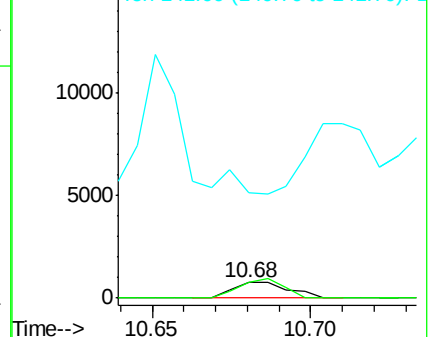
141 0.0 26.6 40.0#

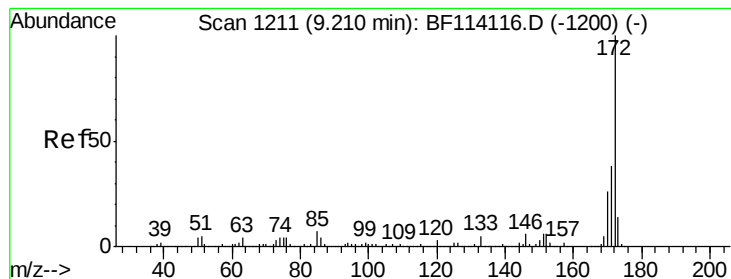


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 74.397 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114328.D

Acq: 17 May 2019 00:37

Instrument :

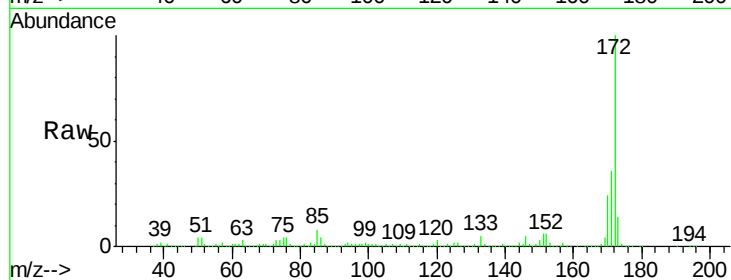
BNA_F

ClientSampleId :

CONCRETE-D

Tot Ion:172 Resp: 1581397

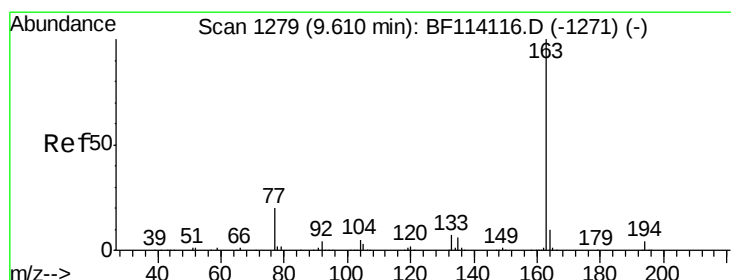
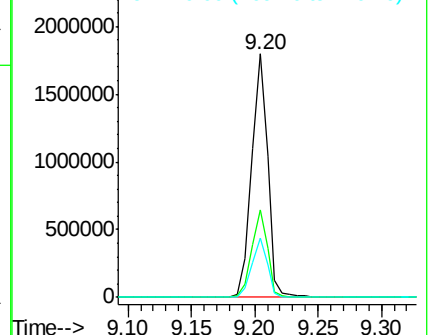
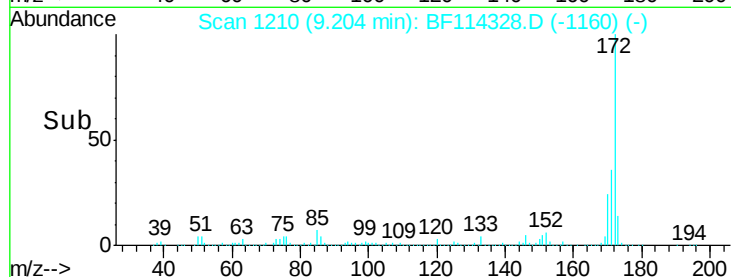
Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.1	20.5	30.7



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: 5.621 ng

RT: 9.60 min Scan# 1277

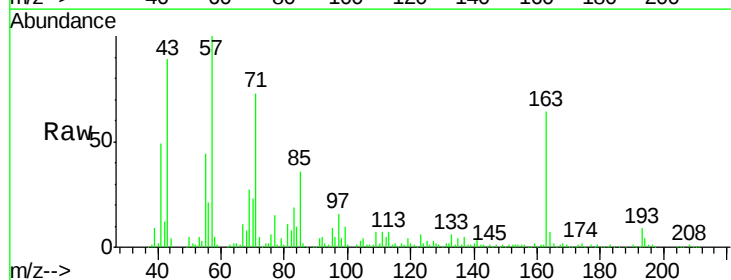
Delta R.T. -0.01 min

Lab File: BF114328.D

Acq: 17 May 2019 00:37

Tgt Ion:163 Resp: 132675

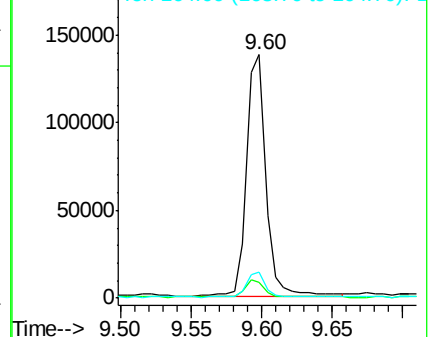
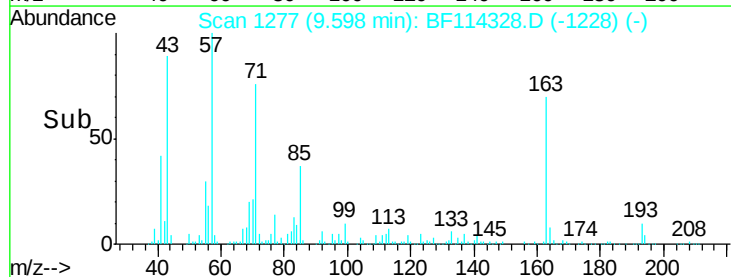
Ion	Ratio	Lower	Upper
163	100		
194	6.6	3.4	5.0#
164	10.9	8.2	12.2

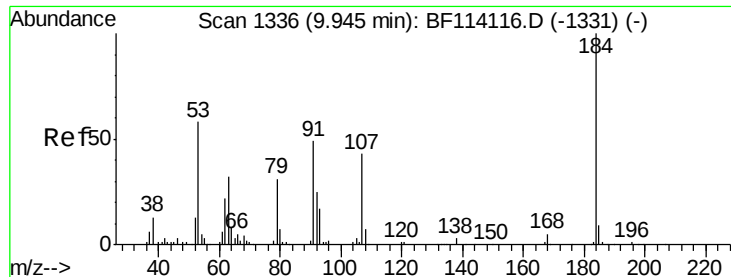


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

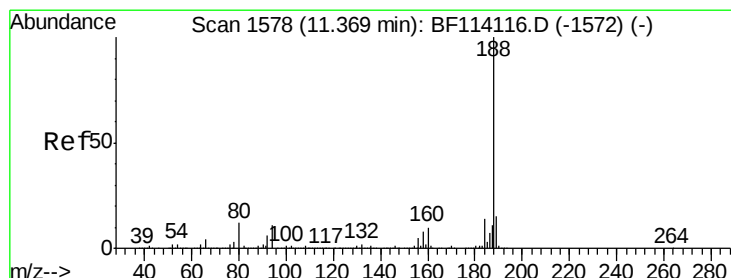
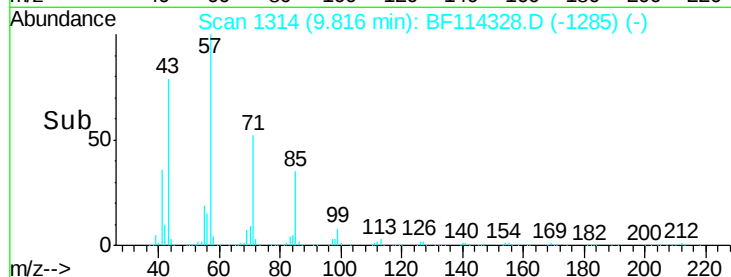
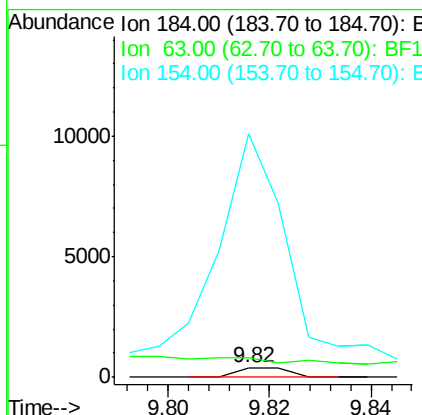
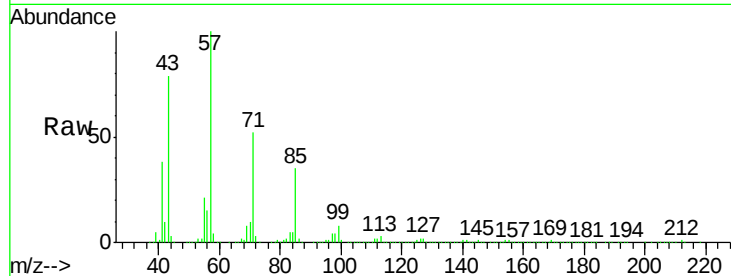




#54
 2,4-Dinitrophenol
 Concen: 6.840 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.13 min
 Lab File: BF114328.D
 Acq: 17 May 2019 00:37

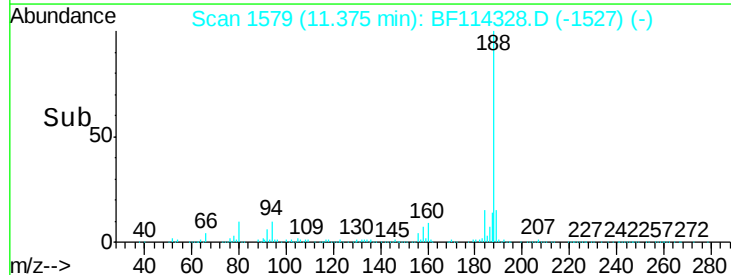
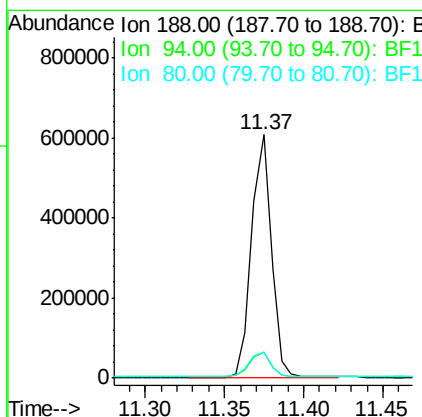
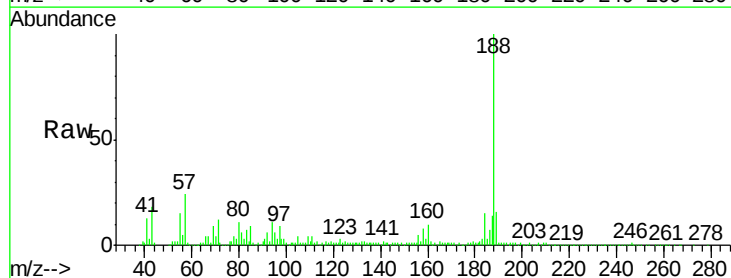
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-D

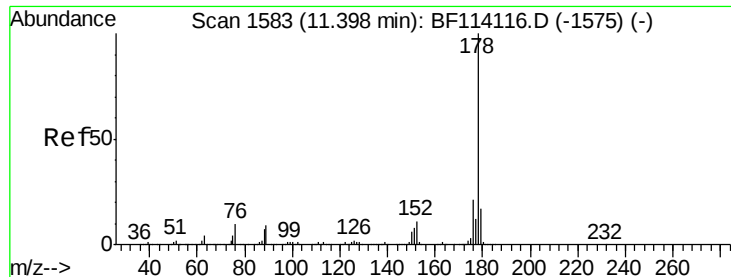
Tot Ion:184 Resp: 271
 Ion Ratio Lower Upper
 184 100
 63 199.8 55.6 83.4#
 154 2493.1 46.0 69.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BF114328.D
 Acq: 17 May 2019 00:37

Tgt Ion:188 Resp: 533139
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.4 12.6
 80 10.8 9.2 13.8

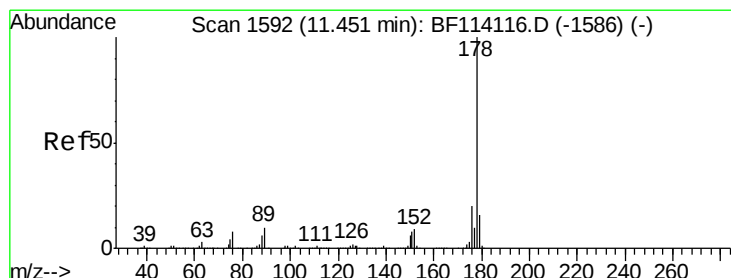
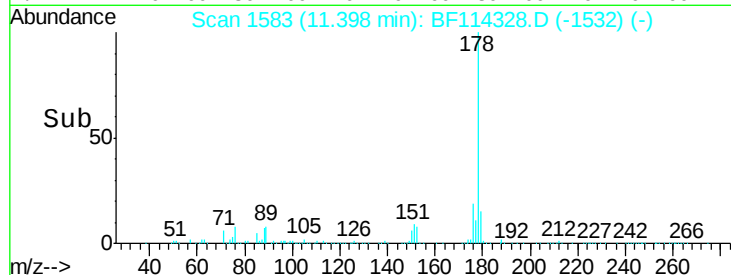
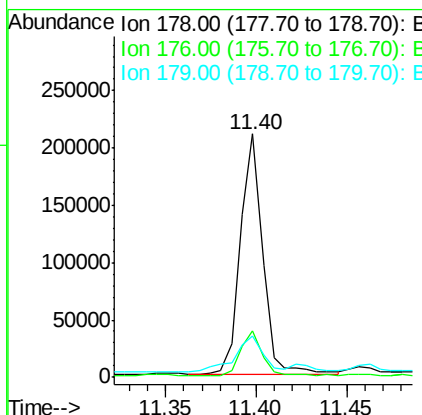
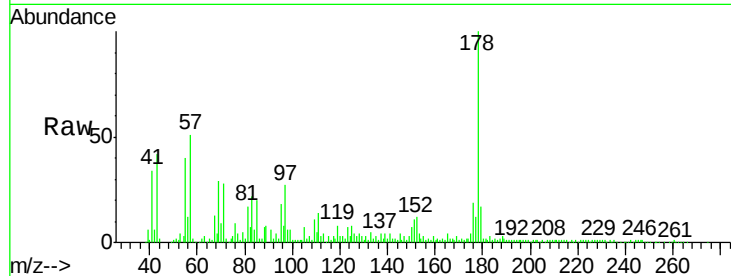




#71
Phenanthrene
Concen: 6.947 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114328.D
Acq: 17 May 2019 00:37

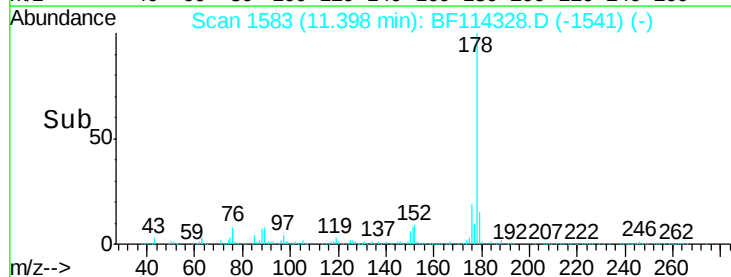
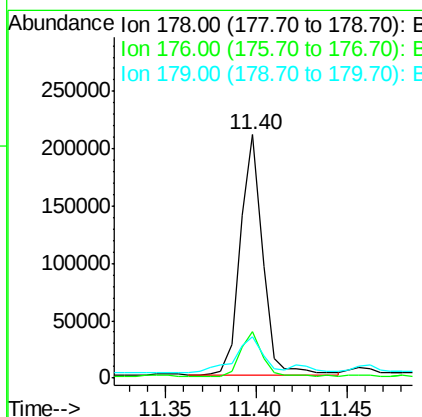
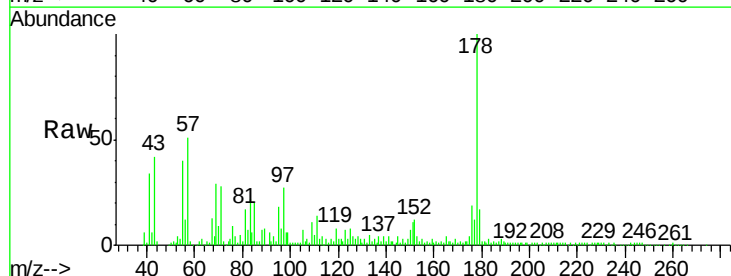
Instrument :
BNA_F
ClientSampleId :
CONCRETE-D

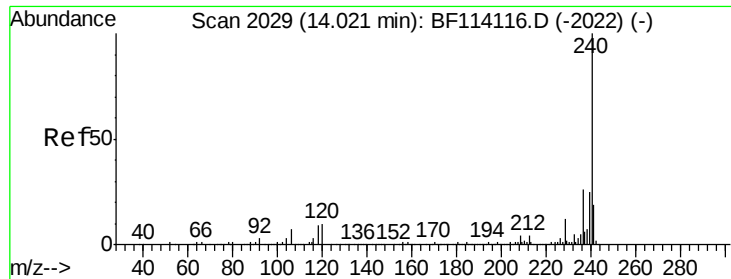
Tot Ion:178 Resp: 180198
Ion Ratio Lower Upper
178 100
176 19.2 16.4 24.6
179 17.2 13.2 19.8



#72
Anthracene
Concen: 6.917 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF114328.D
Acq: 17 May 2019 00:37

Tgt Ion:178 Resp: 180198
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 17.2 13.0 19.4

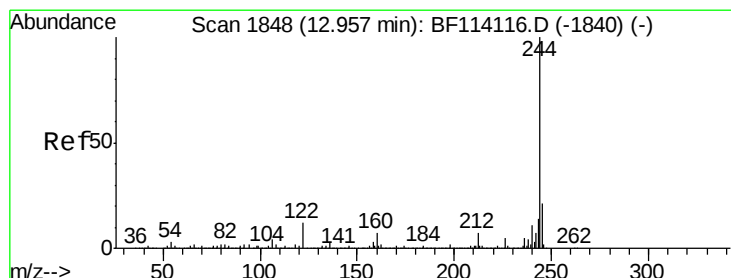
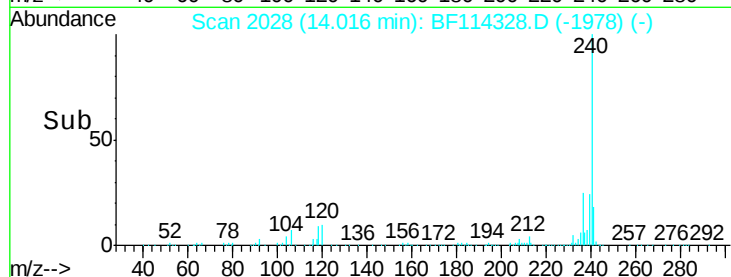
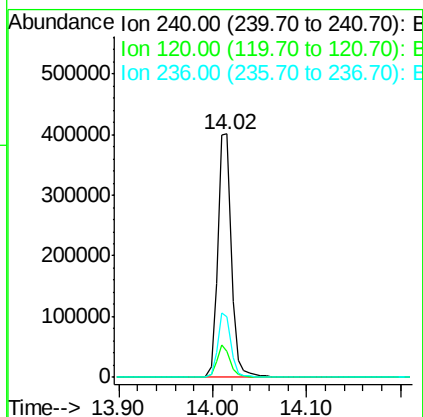
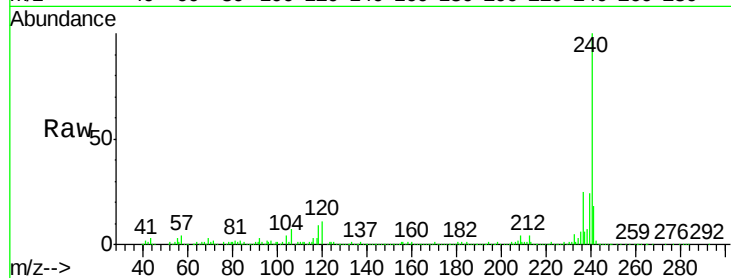




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114328.D
Acq: 17 May 2019 00:37

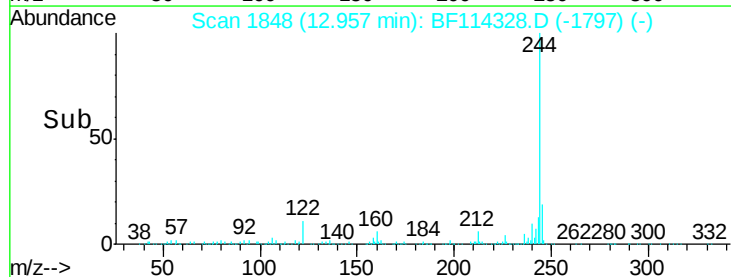
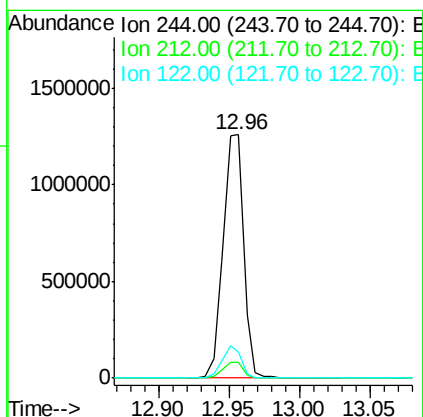
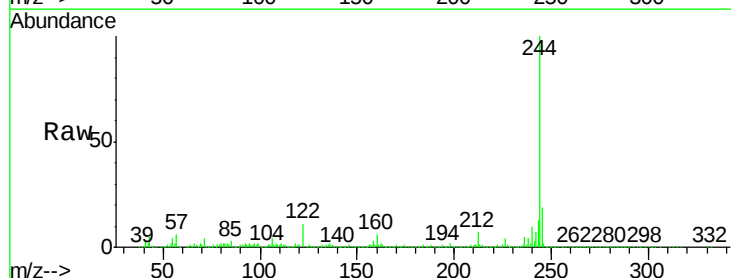
Instrument :
BNA_F
ClientSampleId :
CONCRETE-D

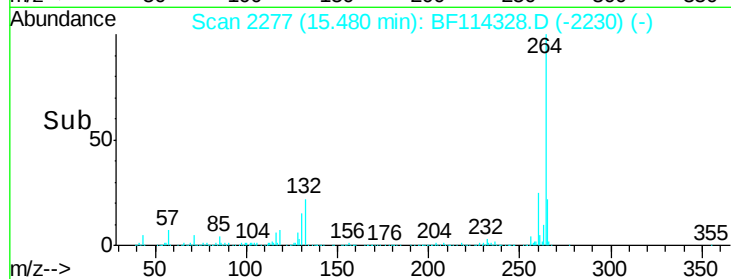
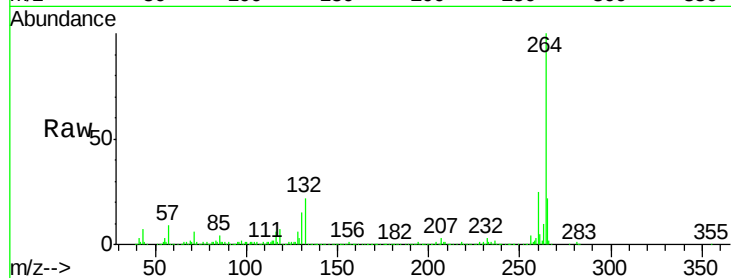
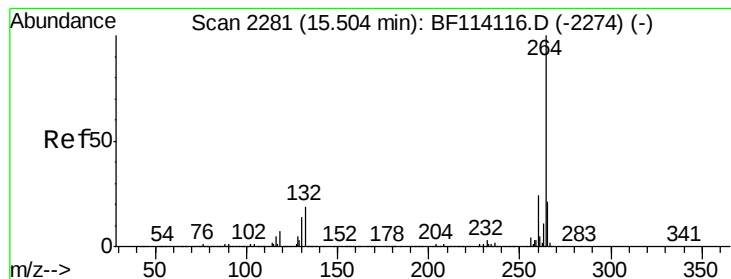
Tot Ion:240 Resp: 411834
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 25.0 20.8 31.2



#79
Terphenyl-d14
Concen: 63.736 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF114328.D
Acq: 17 May 2019 00:37

Tgt Ion:244 Resp: 1273317
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 10.7 9.4 14.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF114328.D

Acq: 17 May 2019 00:37

Instrument :

BNA_F

ClientSampleId :

CONCRETE-D

Tot Ion:264 Resp: 488653

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.0

265 21.8 16.9 25.3

