

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104738.D
 Acq On : 24 Apr 2018 6:05
 Operator : JU/SJ
 Sample : J2503-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Quant Time: Apr 24 08:43:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	124723	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	516114	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	223727	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	359262	20.00	ng	0.00
75) Chrysene-d12	13.98	240	227360	20.00	ng	0.00
86) Perylene-d12	15.45	264	169437	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	917483	112.48	ng	0.03
7) Phenol-d6	6.46	99	1028462	102.62	ng	0.01
23) Nitrobenzene-d5	7.37	82	748683	94.72	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	265989	114.61	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1370233	96.75	ng	0.00
78) Terphenyl-d14	12.93	244	1106463	110.95	ng	0.00

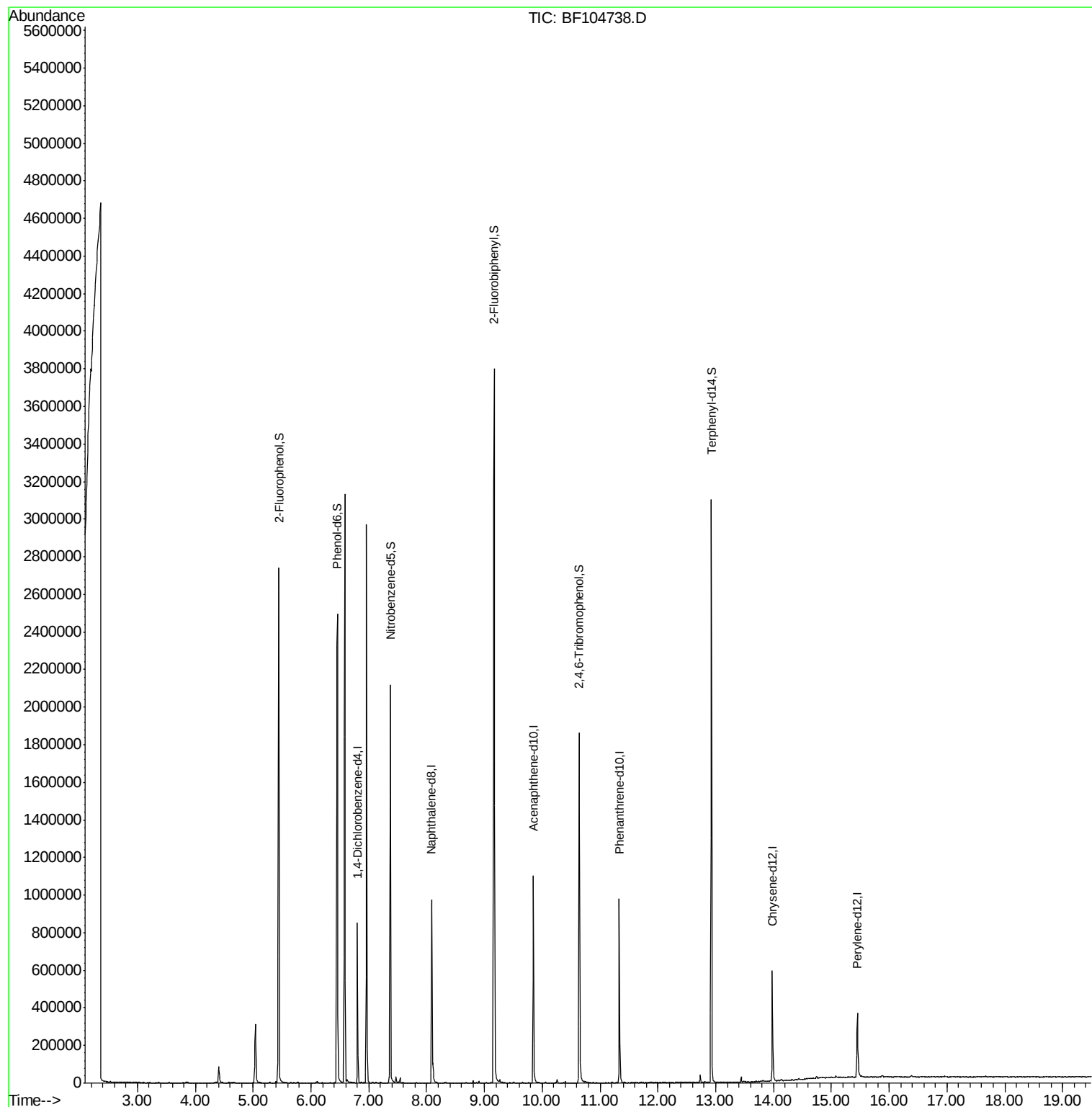
Target Compounds Qvalue

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

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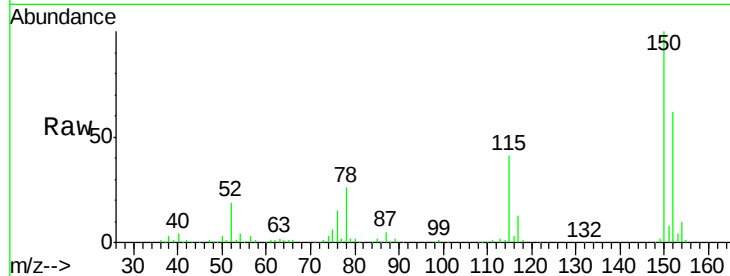


#1

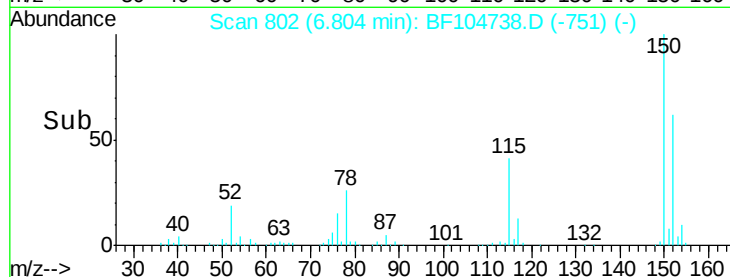
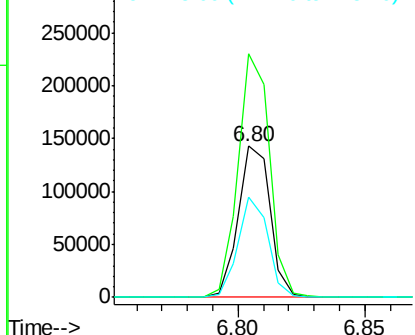
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104738.D
Acq: 24 Apr 2018 6:05

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion:152 Resp: 124723
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 66.3 50.1 75.1



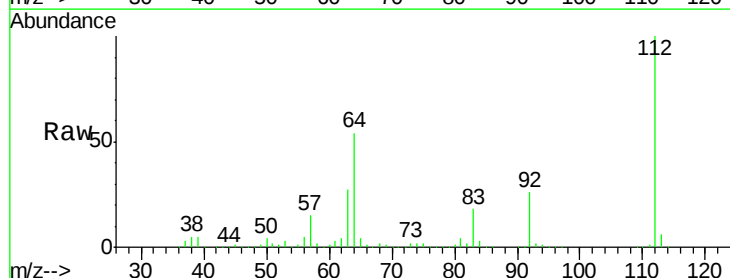
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



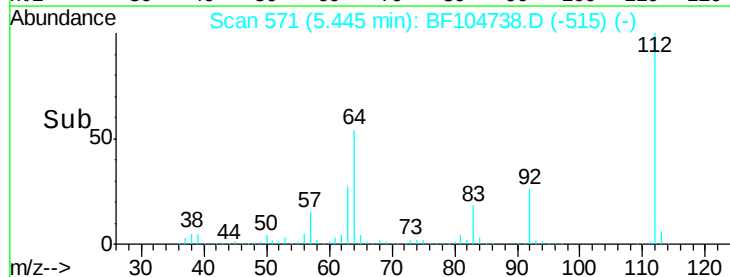
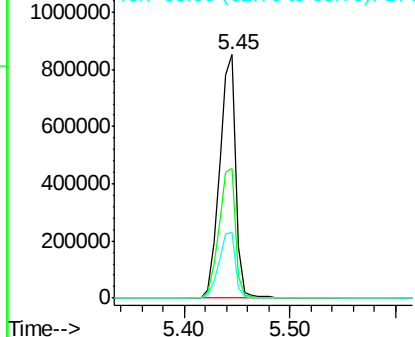
#5

2-Fluorophenol
Concen: 112.480 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF104738.D
Acq: 24 Apr 2018 6:05

Tgt Ion:112 Resp: 917483
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 27.2 23.7 35.5



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: 102.619 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104738.D

Acq: 24 Apr 2018 6:05

Instrument :

BNA_F

ClientSampleId :

CONCRETE

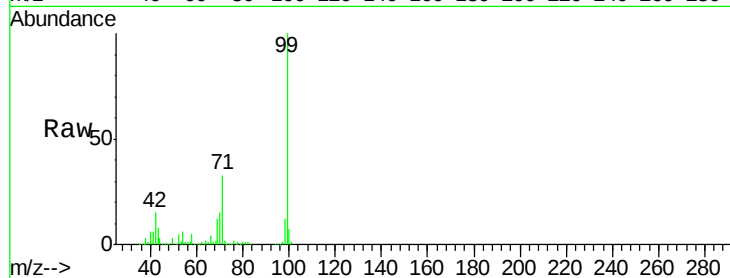
Tot Ion: 99 Resp: 1028462

Ion Ratio Lower Upper

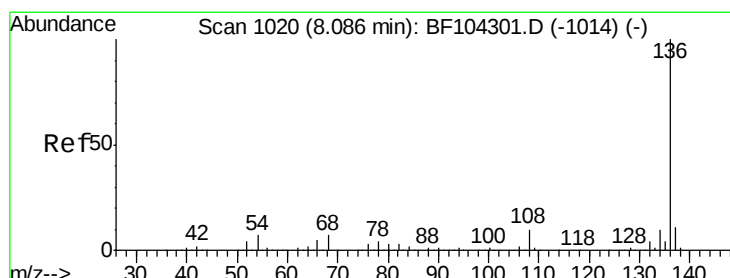
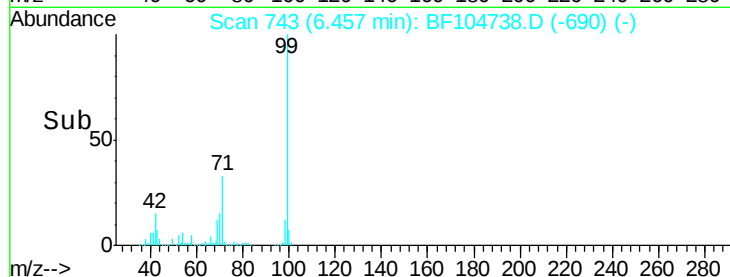
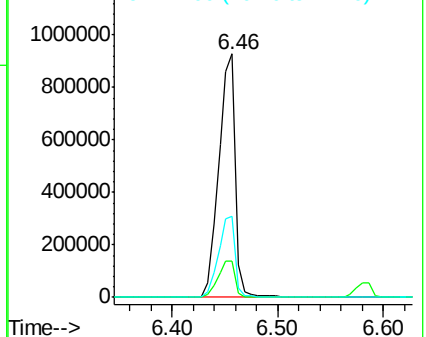
99 100

42 15.1 14.5 21.7

71 33.2 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104738.D

Acq: 24 Apr 2018 6:05

Tgt Ion: 136 Resp: 516114

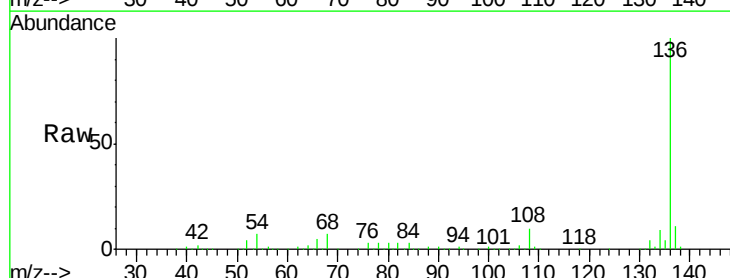
Ion Ratio Lower Upper

136 100

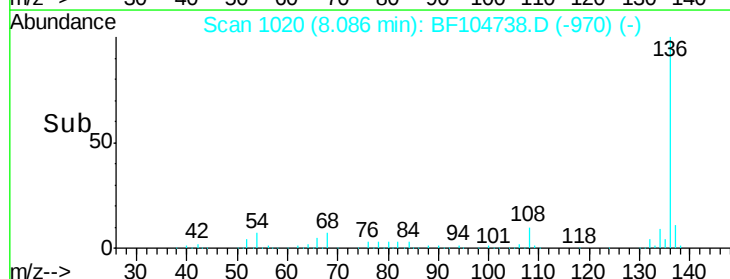
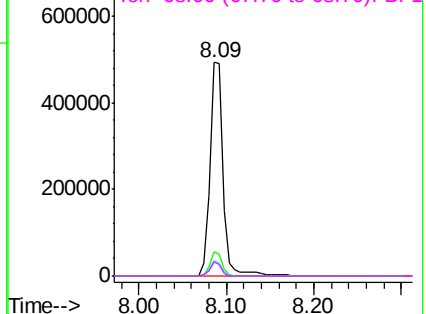
137 11.2 8.9 13.3

54 7.3 6.6 9.8

68 6.6 5.0 7.4



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

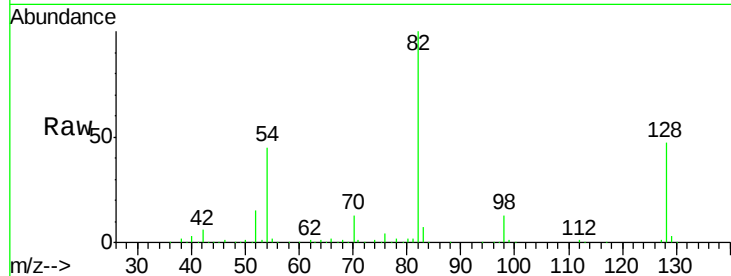




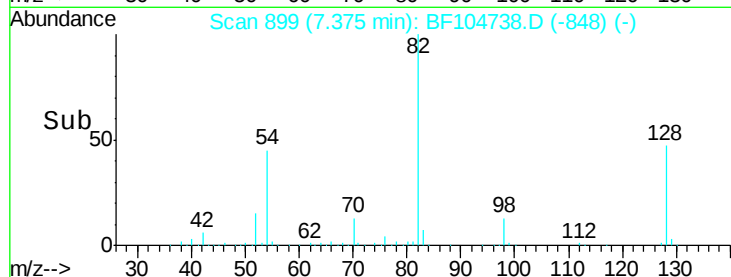
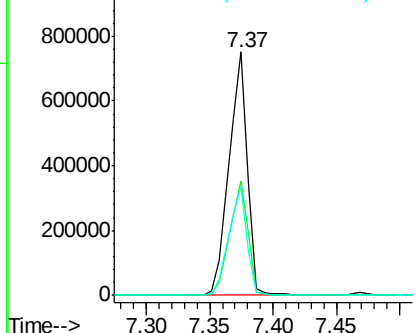
#23
 Nitrobenzene-d5
 Concen: 94.722 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104738.D
 Acq: 24 Apr 2018 6:05

Instrument :
 BNA_F
 ClientSampleID :
 CONCRETE

Tot Ion	82	Resp	748683
Ion Ratio	100	Lower	Upper
128	47.1	36.1	54.1
54	45.0	41.4	62.2

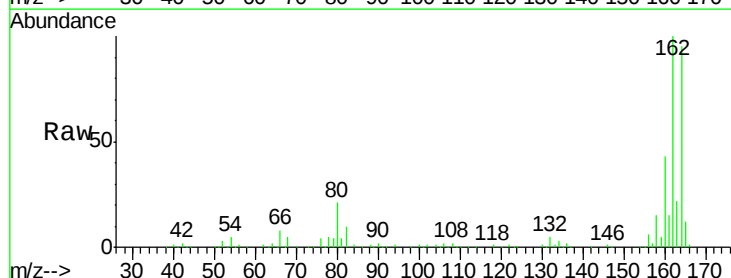


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

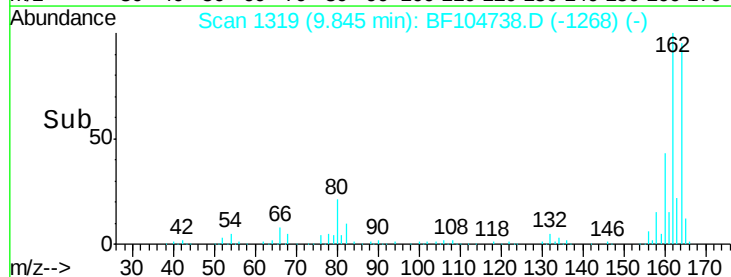
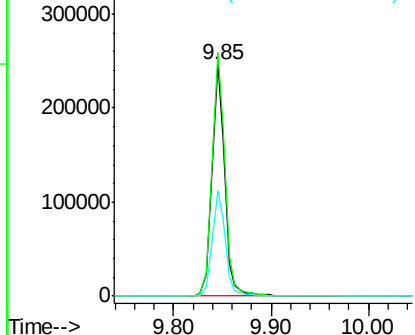


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104738.D
 Acq: 24 Apr 2018 6:05

Tgt Ion	164	Resp	223727
Ion Ratio	100	Lower	Upper
162	105.0	86.1	129.1
160	45.5	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

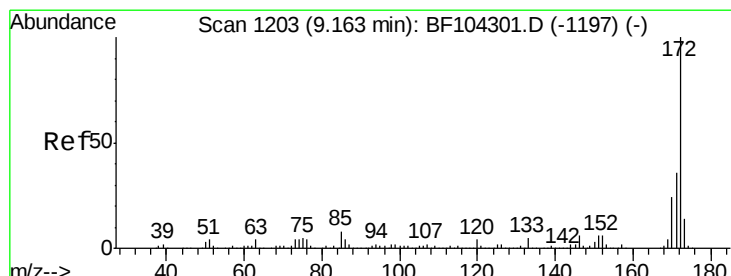
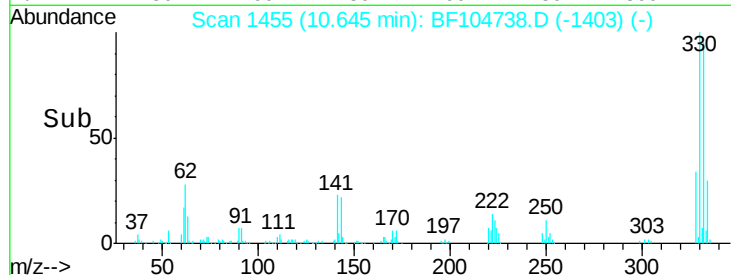
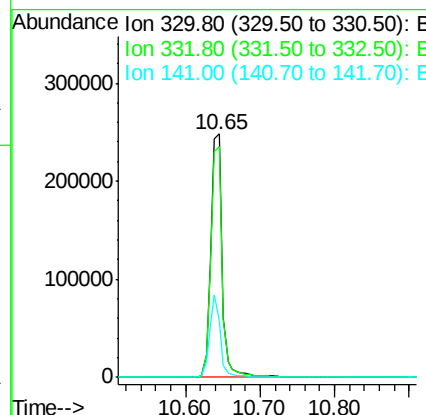
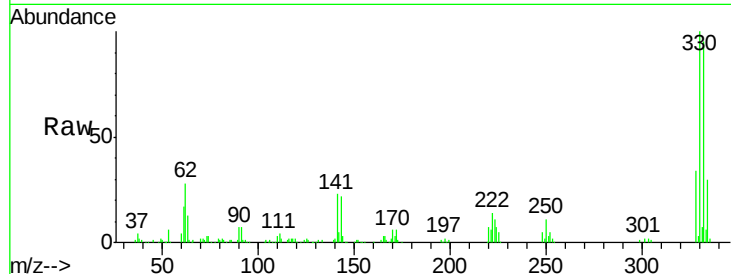




#41
 2,4,6-Tribromophenol
 Concen: 114.612 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104738.D
 Acq: 24 Apr 2018 6:05

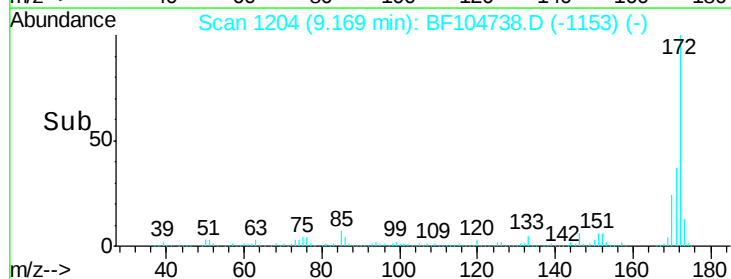
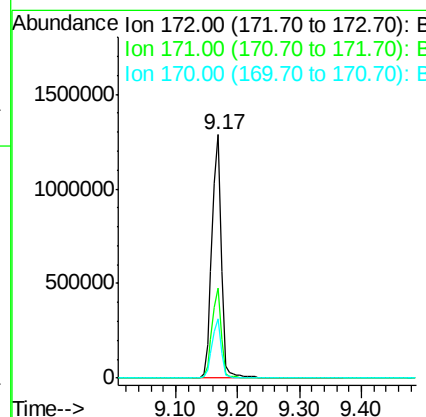
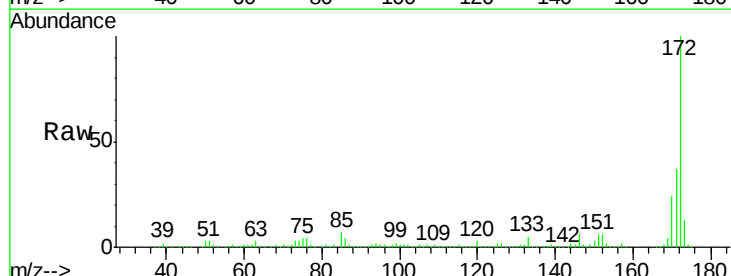
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.753 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104738.D
 Acq: 24 Apr 2018 6:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.3	19.6	29.4

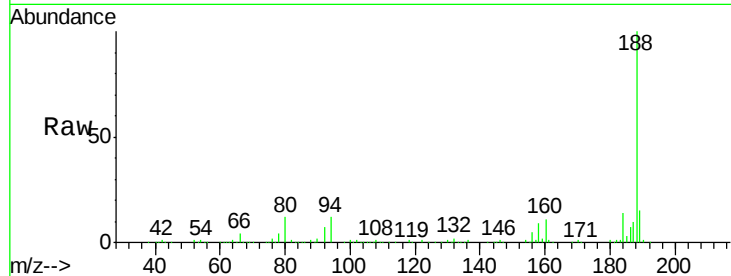




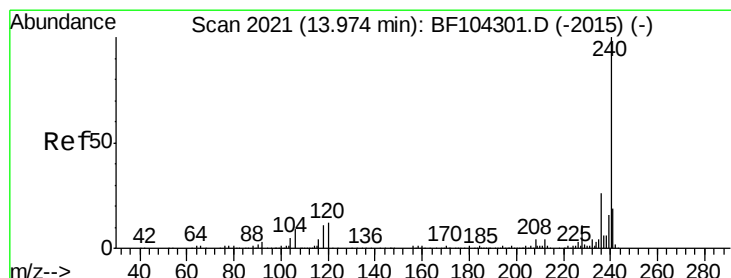
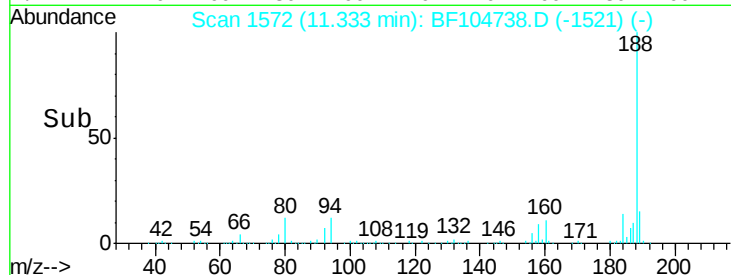
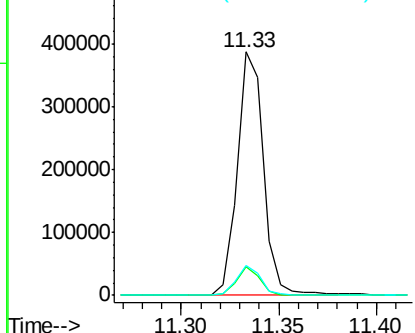
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104738.D
Acq: 24 Apr 2018 6:05

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion:188 Resp: 359262
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.2 9.2 13.8

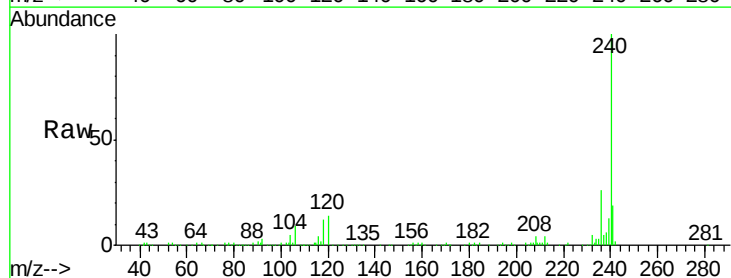


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

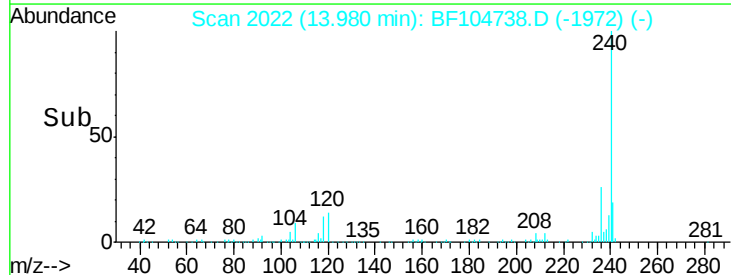
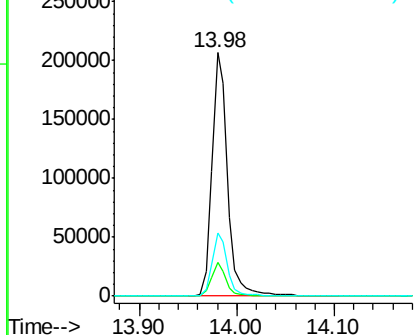


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104738.D
Acq: 24 Apr 2018 6:05

Tgt Ion:240 Resp: 227360
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.9 20.7 31.1



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

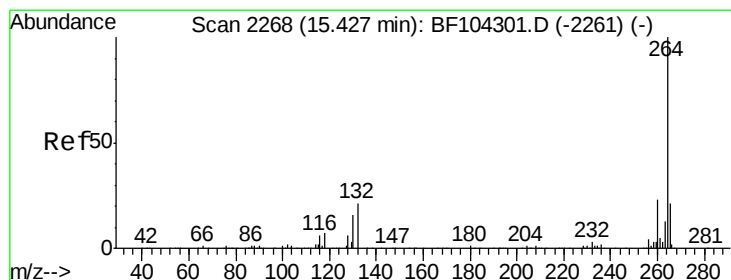
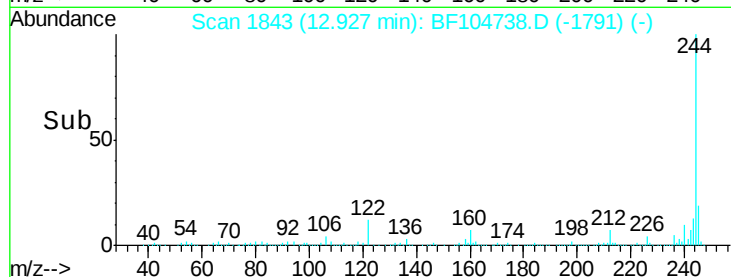
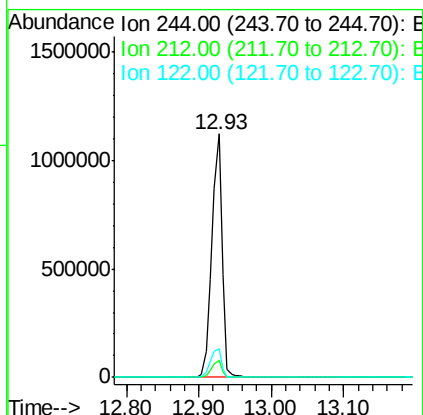
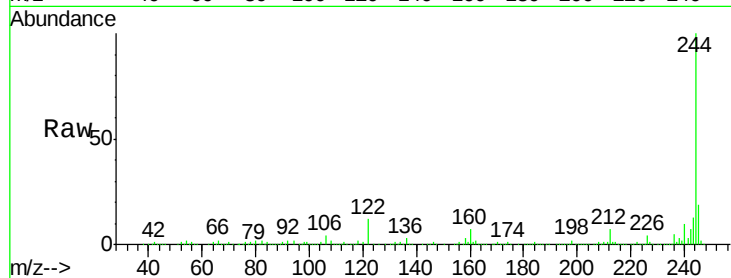




#78
 Terphenyl-d14
 Concen: 110.949 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104738.D
 Acq: 24 Apr 2018 6:05

Instrument :
 BNA_F
 ClientSampleID :
 CONCRETE

Tot Ion:244 Resp: 1106463
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF104738.D
 Acq: 24 Apr 2018 6:05

Tgt Ion:264 Resp: 169437
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.5 17.5 26.3

