

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099576.D
 Acq On : 17 Oct 2017 6:36
 Operator : SJ/JU
 Sample : I5907-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-FOUNDATION-COMP

Quant Time: Oct 17 07:09:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101795	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	406989	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	168038	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	252987	20.00	ng	0.00
75) Chrysene-d12	14.02	240	185000	20.00	ng	0.00
86) Perylene-d12	15.49	264	193086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	699412	109.38	ng	0.01
7) Phenol-d6	6.48	99	754417	95.64	ng	0.00
23) Nitrobenzene-d5	7.41	82	523234	82.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	159464	115.97	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	972585	96.62	ng	-0.01
78) Terphenyl-d14	12.95	244	634325	77.98	ng	0.00

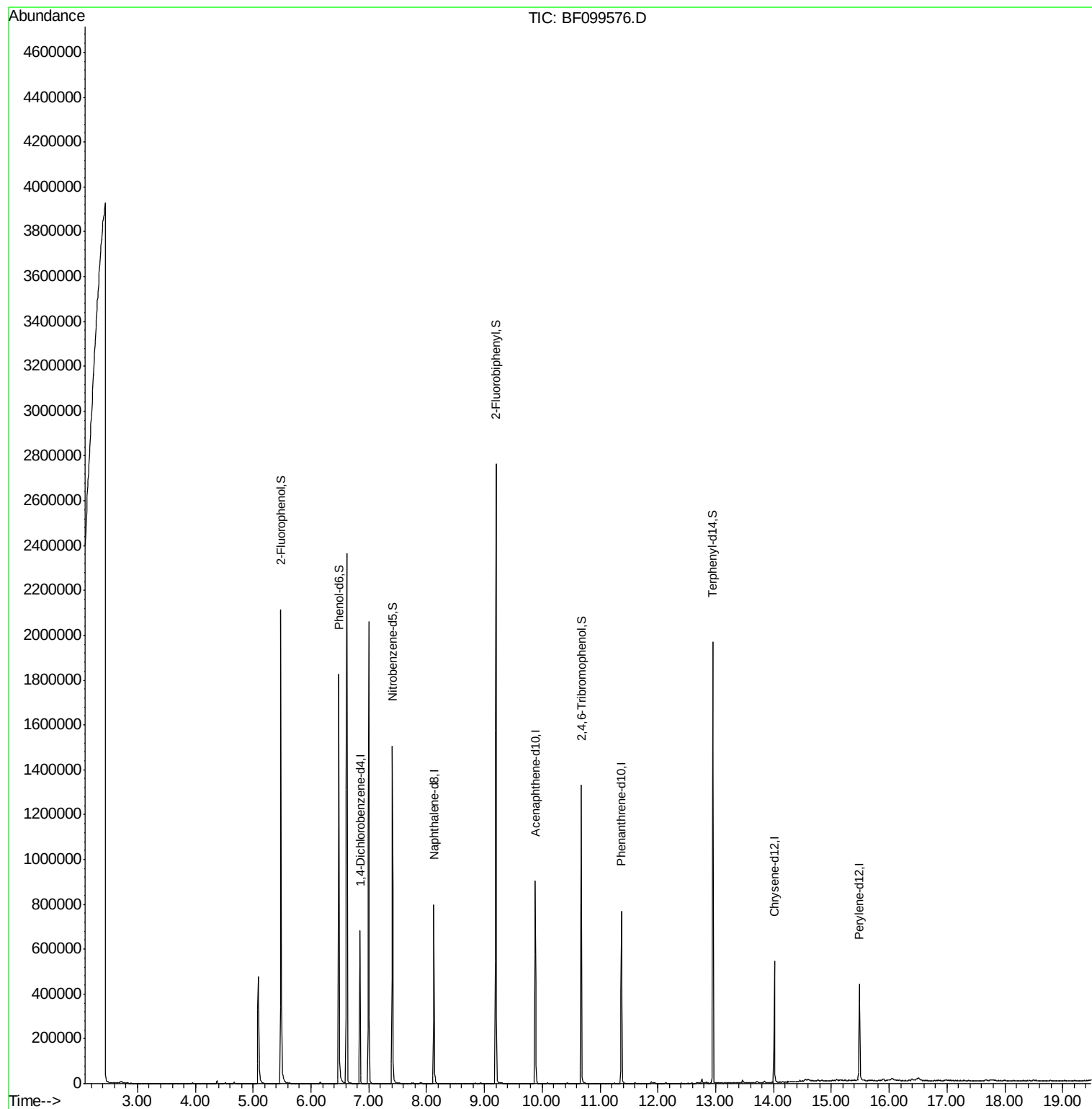
Target Compounds Qvalue

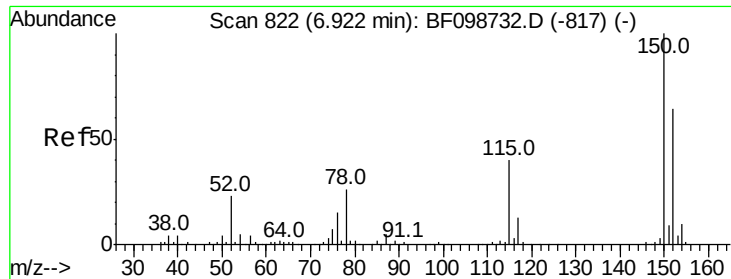
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF099576.D

Acq: 17 Oct 2017 6:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-FOUNDATION-COMP

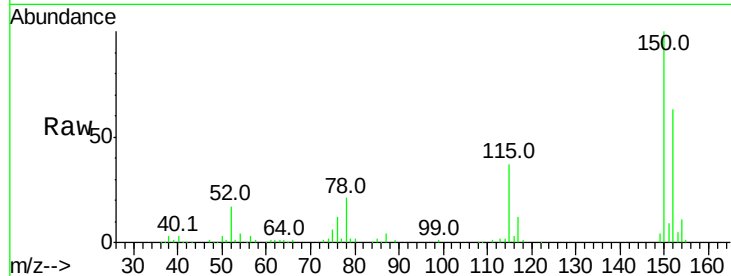
Tot Ion:152 Resp: 101795

Ion Ratio Lower Upper

152 100

150 158.2 124.6 186.8

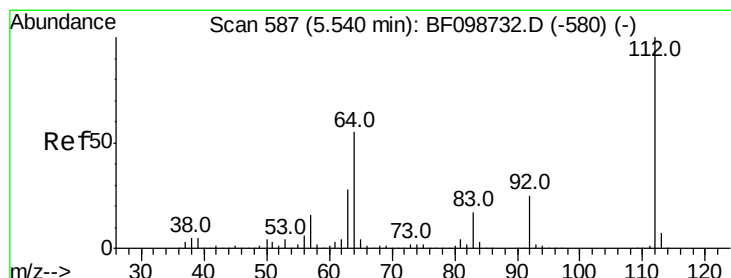
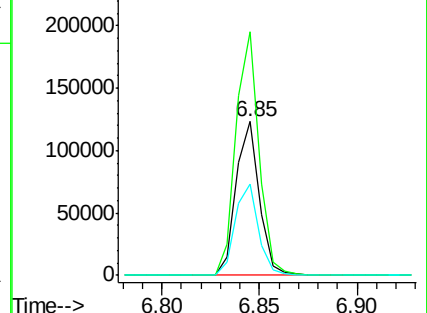
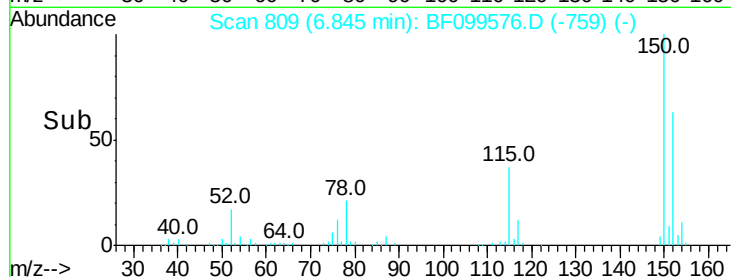
115 59.1 50.1 75.1



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: 109.376 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099576.D

Acq: 17 Oct 2017 6:36

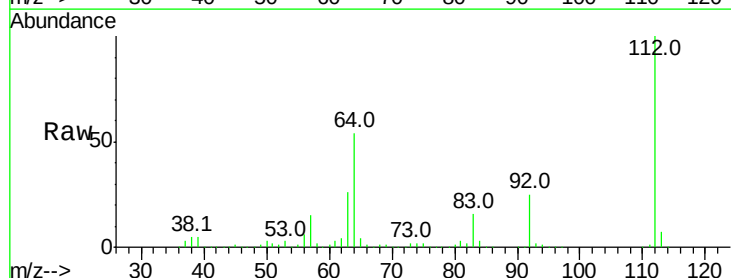
Tgt Ion:112 Resp: 699412

Ion Ratio Lower Upper

112 100

64 54.1 47.9 71.9

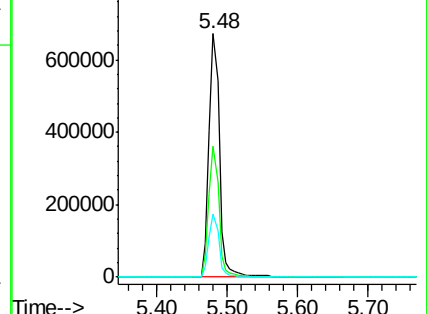
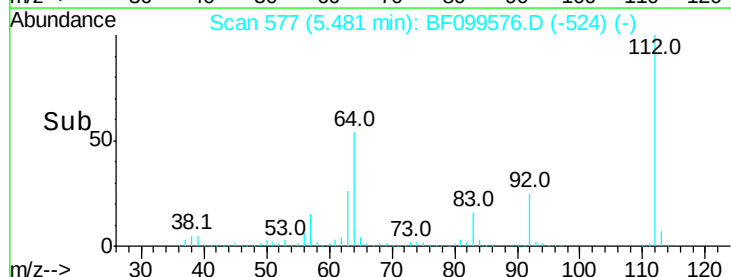
63 26.1 23.7 35.5

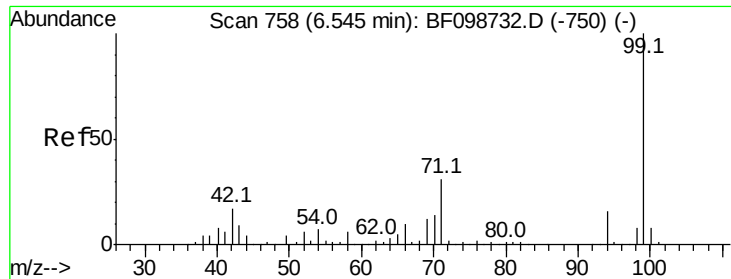


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.636 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099576.D

Acq: 17 Oct 2017 6:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-FOUNDATION-COMP

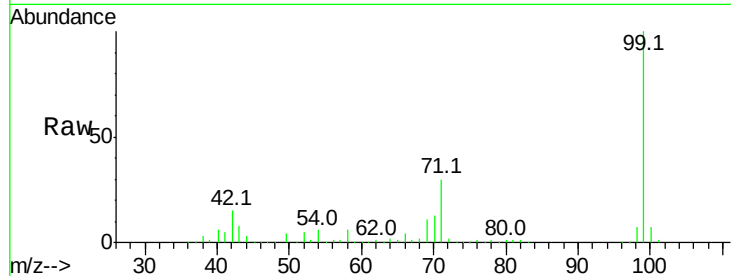
Tot Ion: 99 Resp: 754417

Ion Ratio Lower Upper

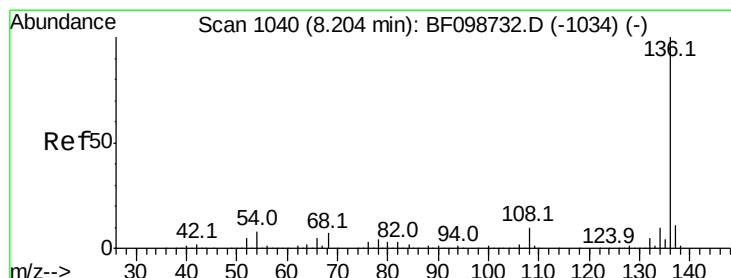
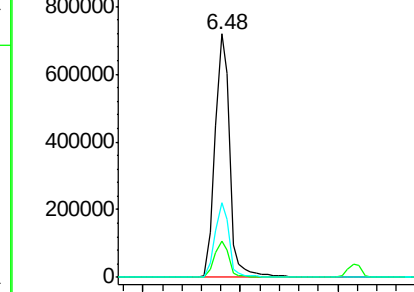
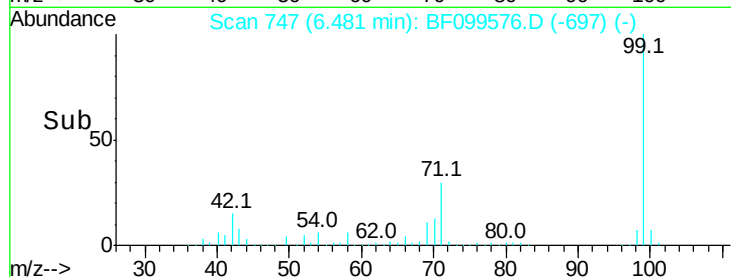
99 100

42 14.8 14.5 21.7

71 30.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099576.D

Acq: 17 Oct 2017 6:36

Tgt Ion: 136 Resp: 406989

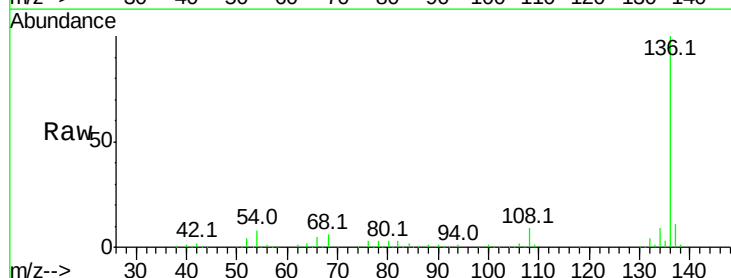
Ion Ratio Lower Upper

136 100

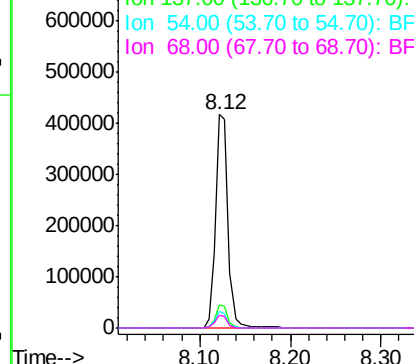
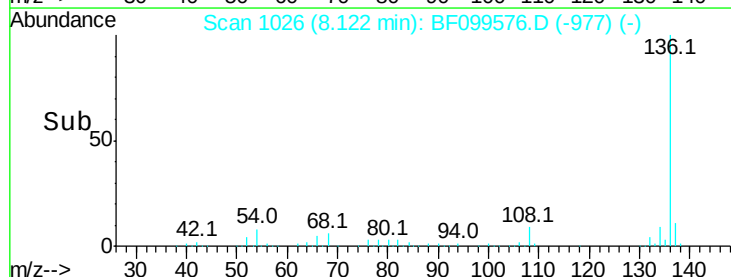
137 10.9 8.9 13.3

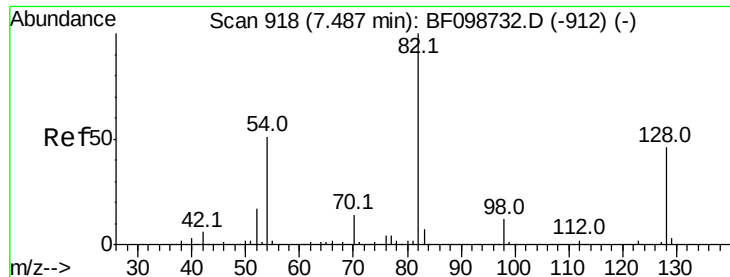
54 7.5 6.6 9.8

68 6.2 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): BF0
Ion 68.00 (67.70 to 68.70): BF0

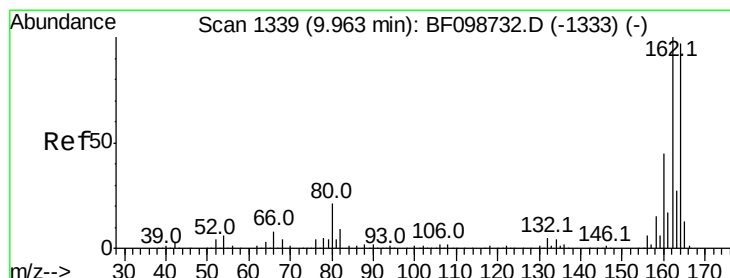
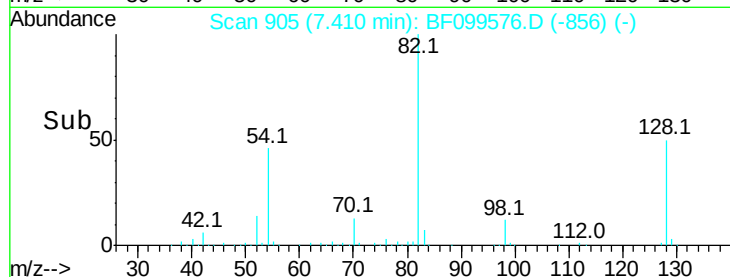
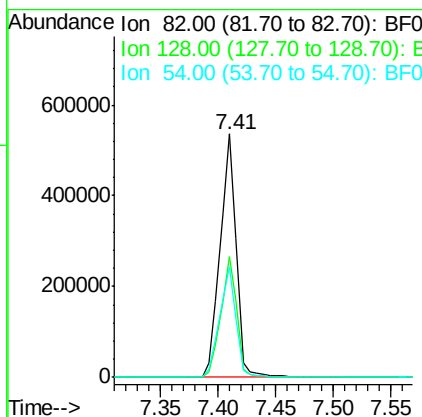
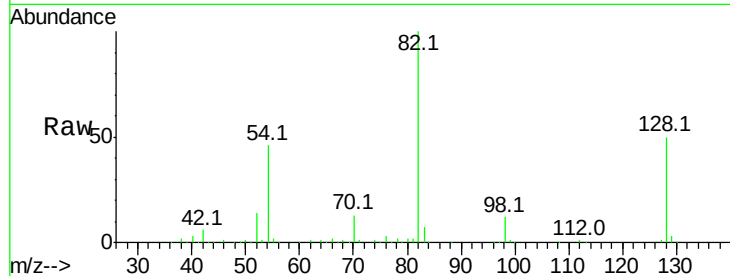




#23
 Nitrobenzene-d5
 Concen: 82.447 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099576.D
 Acq: 17 Oct 2017 6:36

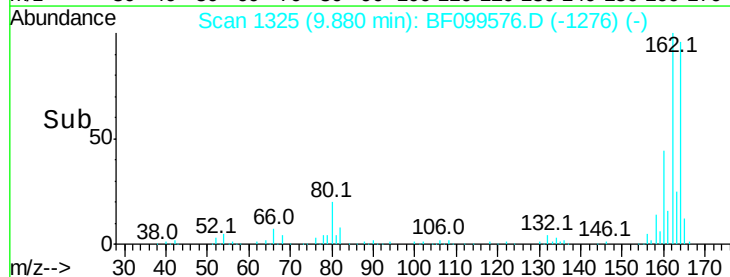
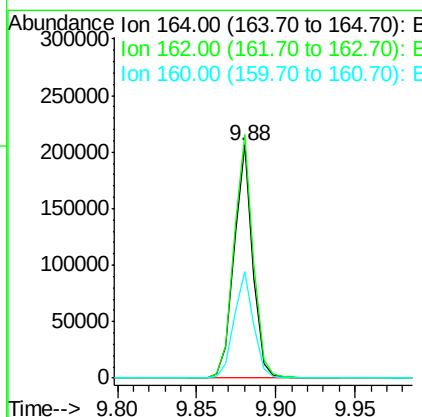
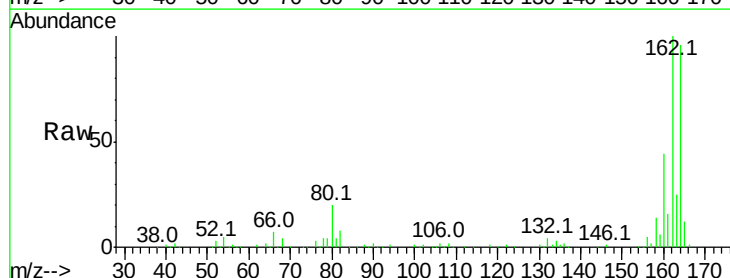
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-FOUNDATION-COMP

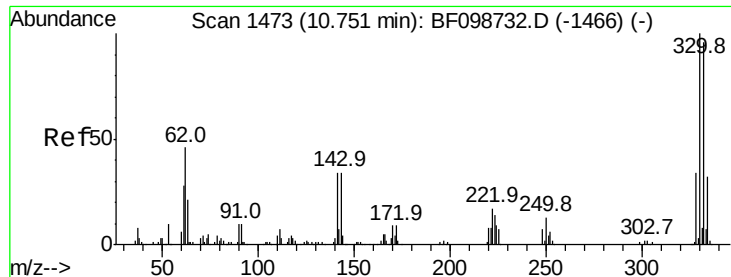
Tot Ion: 82 Resp: 523234
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 45.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099576.D
 Acq: 17 Oct 2017 6:36

Tgt Ion:164 Resp: 168038
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 45.7 38.3 57.5

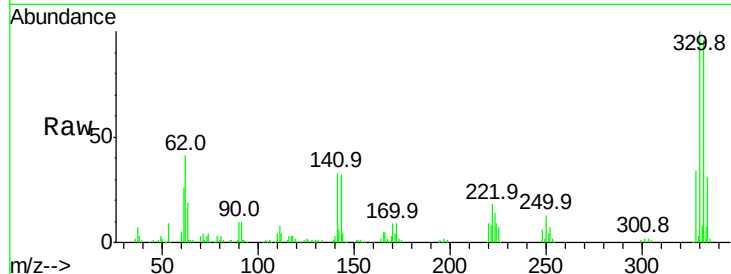




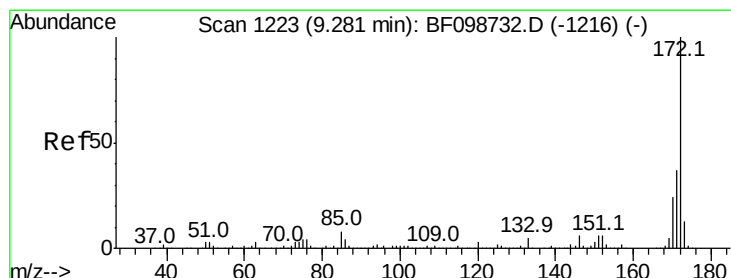
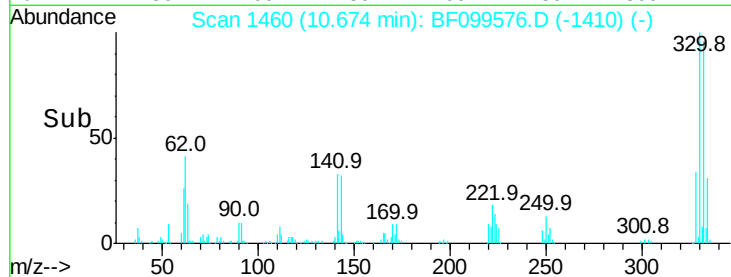
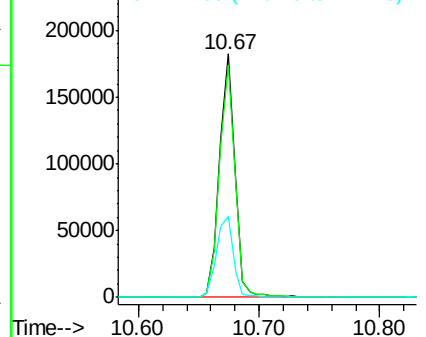
#41
 2,4,6-Tribromophenol
 Concen: 115.973 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099576.D
 Acq: 17 Oct 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-FOUNDATION-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	36.8	29.9	44.9

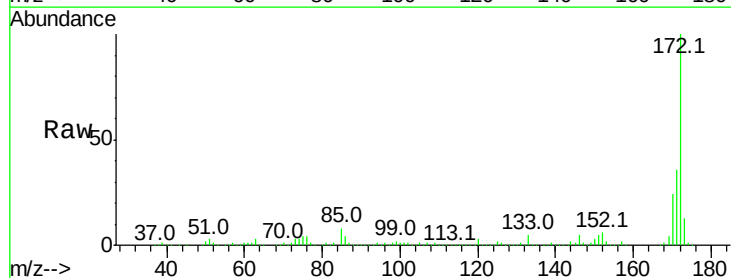


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

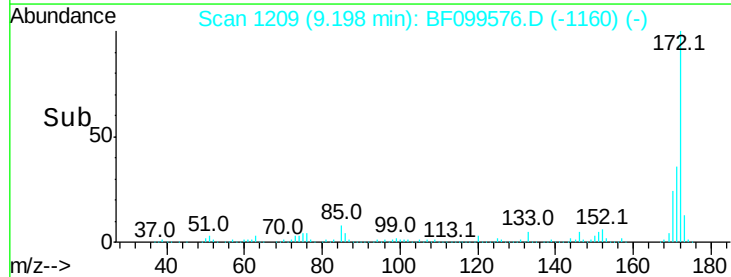
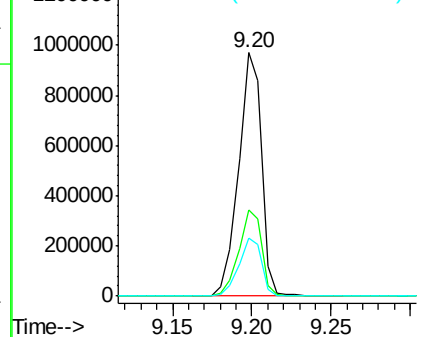


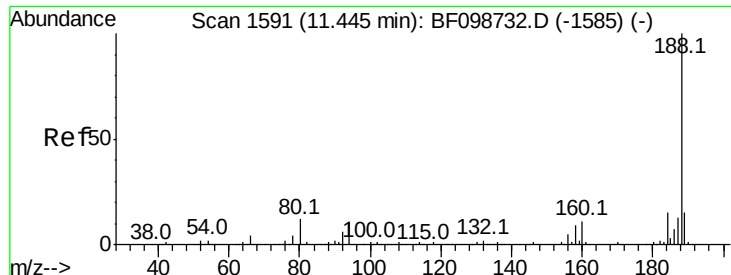
#44
 2-Fluorobiphenyl
 Concen: 96.624 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099576.D
 Acq: 17 Oct 2017 6:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	19.6	29.4



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

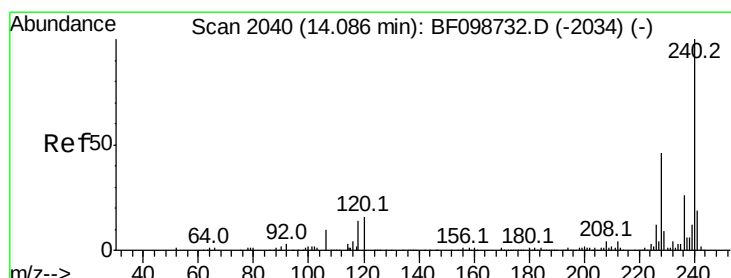
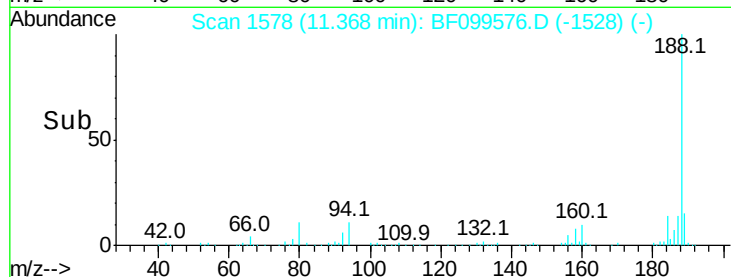
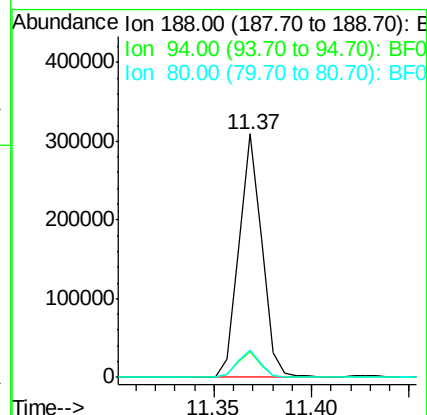
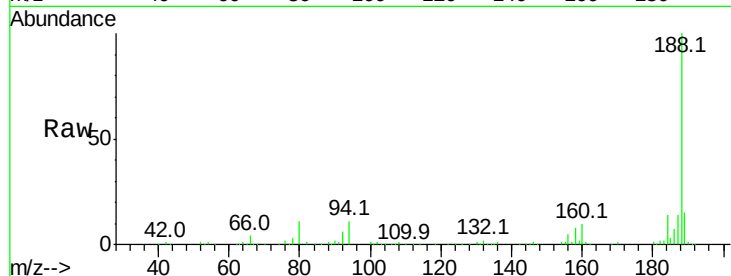




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

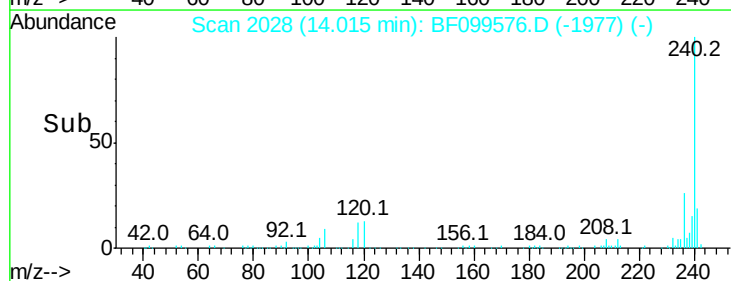
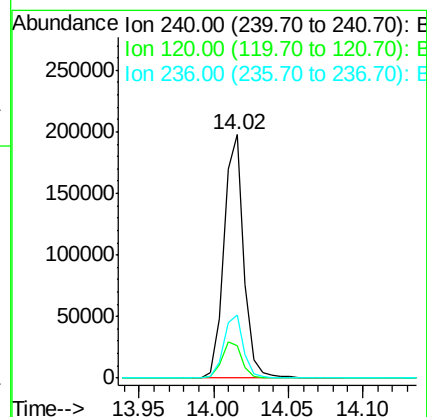
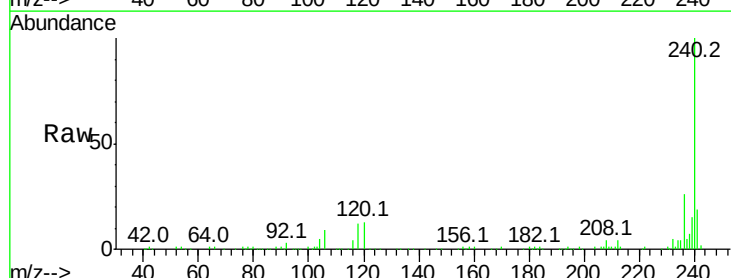
Instrument :
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ClientSampleId :
CONCRETE-FOUNDATION-COMP

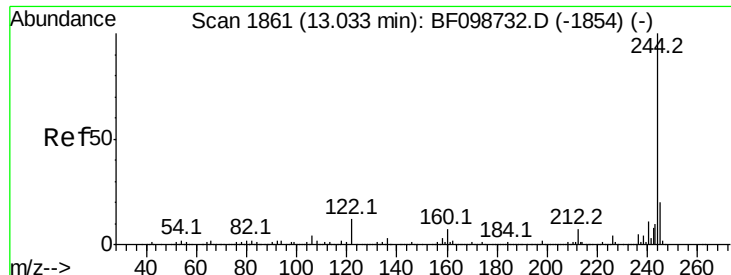
Tot Ion:188 Resp: 252987
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

Tgt Ion:240 Resp: 185000
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 77.977 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099576.D

Acq: 17 Oct 2017 6:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-FOUNDATION-COMP

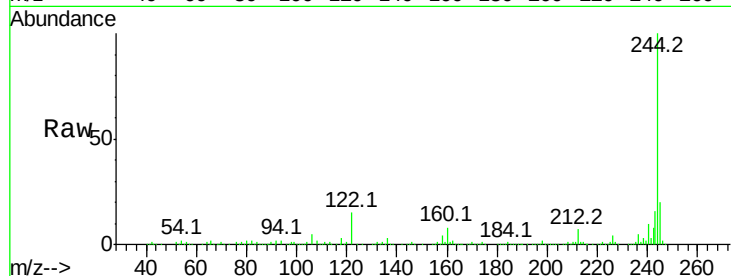
Tot Ion:244 Resp: 634325

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

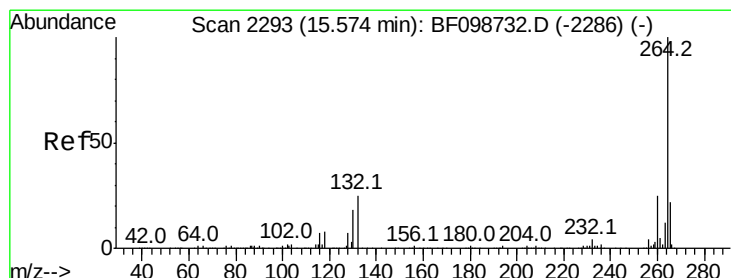
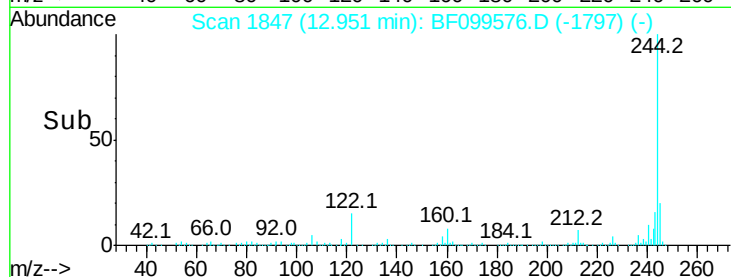
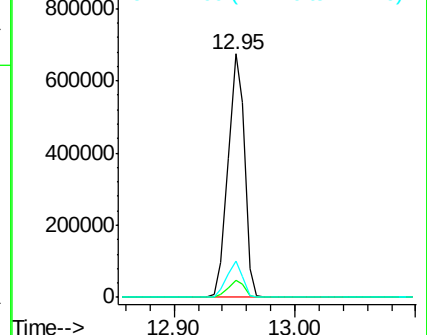
122 14.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099576.D

Acq: 17 Oct 2017 6:36

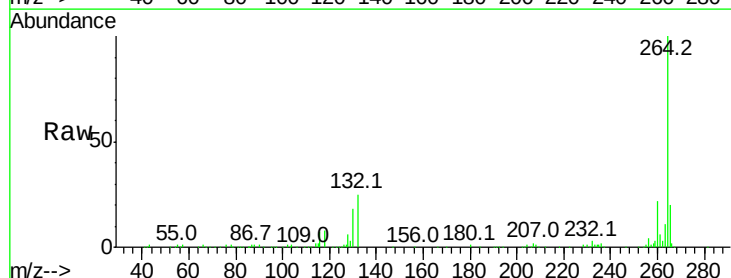
Tgt Ion:264 Resp: 193086

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

