

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005111.D
 Acq On : 05 Apr 2019 01:46
 Operator : JU/SJ
 Sample : K2227-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CONCRETE-PILE-1-A

Quant Time: Apr 05 04:22:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

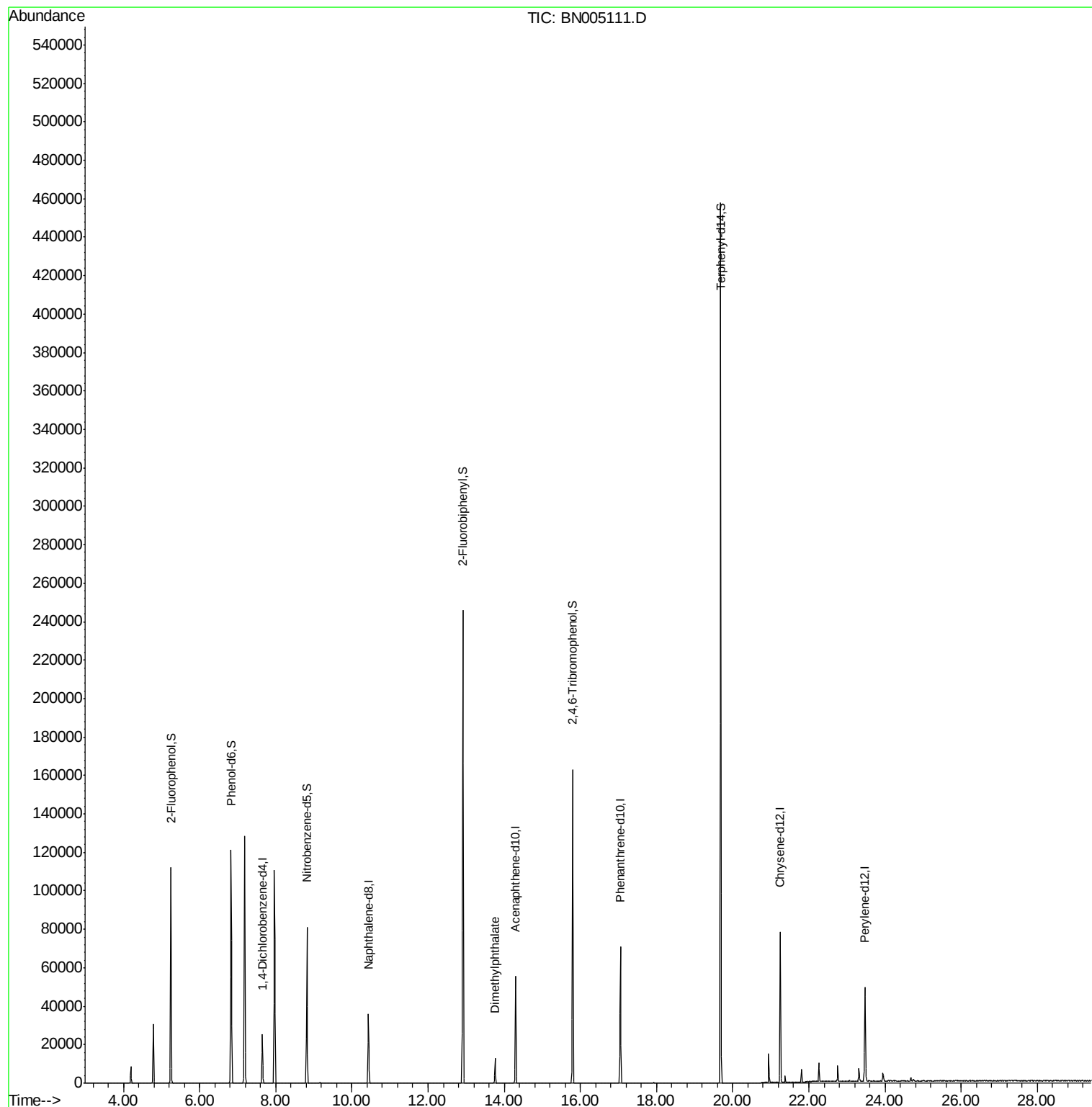
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8249	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	33748	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	19621	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	44035	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	42631	20.00	ng	-0.03
87) Perylene-d12	23.47	264	38864	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	53333	111.78	ng	-0.02
7) Phenol-d6	6.83	99	77313	122.17	ng	-0.03
23) Nitrobenzene-d5	8.82	82	47220	84.64	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	38097	120.39	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	136829	92.41	ng	-0.02
79) Terphenyl-d14	19.69	244	219530	99.14	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.76	163	10528	6.531	ng	Qvalue 100

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

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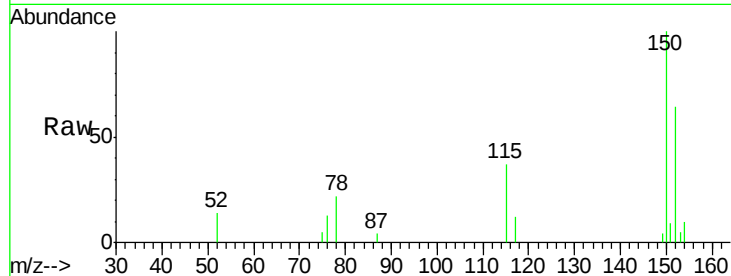


#1

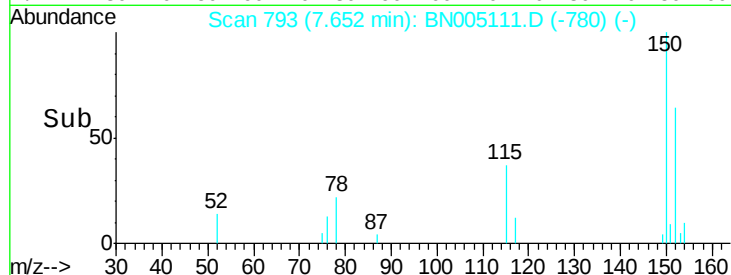
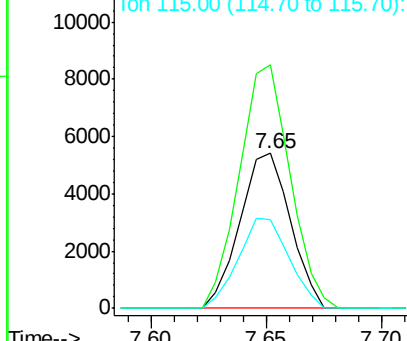
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

Instrument :
BNA_N
ClientSampleId :
CONCRETE-PILE-1-A

Tgt Ion:152 Resp: 8249
Ion Ratio Lower Upper
152 100
150 157.4 126.9 190.3
115 57.7 47.8 71.6



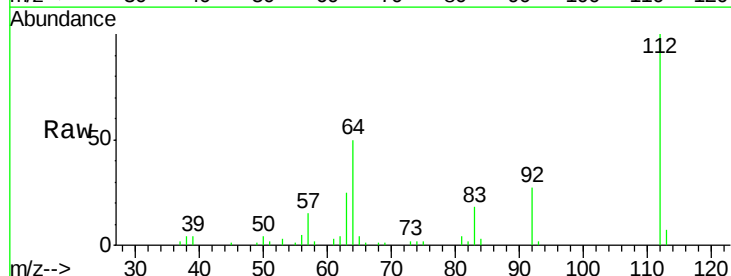
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



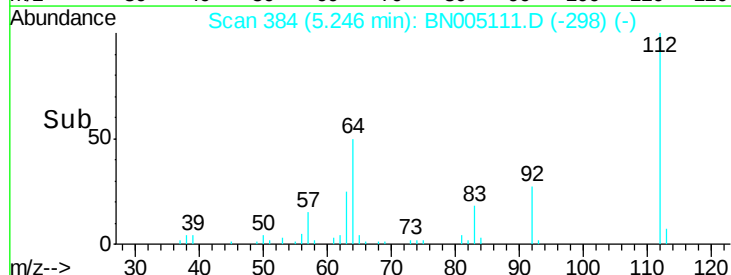
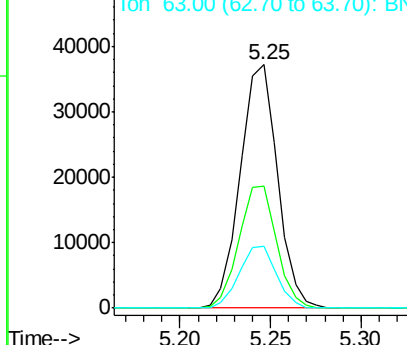
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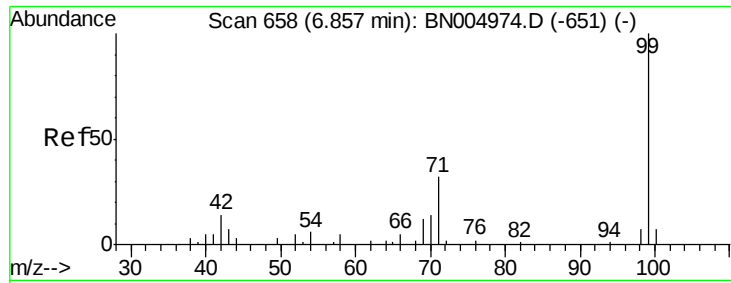
2-Fluorophenol
Concen: 111.780 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

Tgt Ion:112 Resp: 53333
Ion Ratio Lower Upper
112 100
64 50.3 41.9 62.9
63 25.1 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 122.170 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.03 min

Lab File: BN005111.D

Acq: 05 Apr 2019 01:46

Instrument :

BNA_N

ClientSampleId :

CONCRETE-PILE-1-A

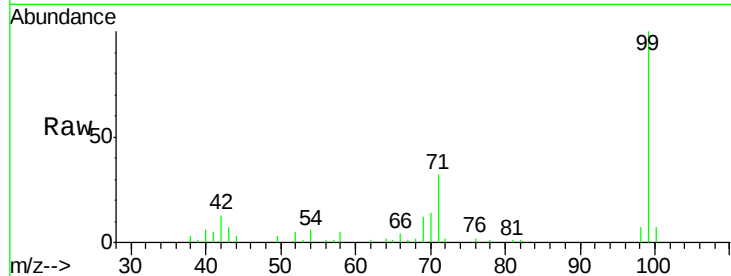
Tgt Ion: 99 Resp: 77313

Ion Ratio Lower Upper

99 100

42 13.5 11.4 17.0

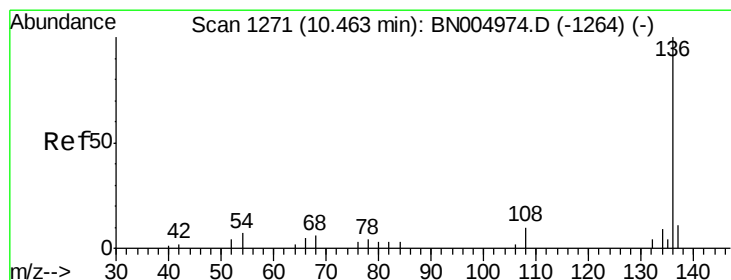
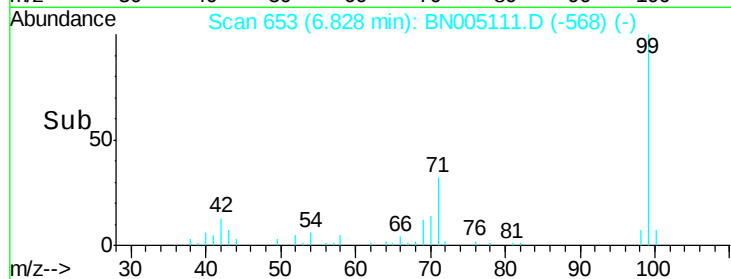
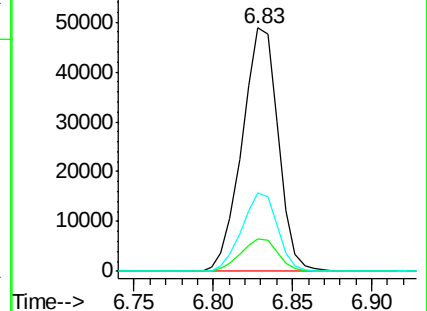
71 32.0 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BN005111.D

Acq: 05 Apr 2019 01:46

Tgt Ion: 136 Resp: 33748

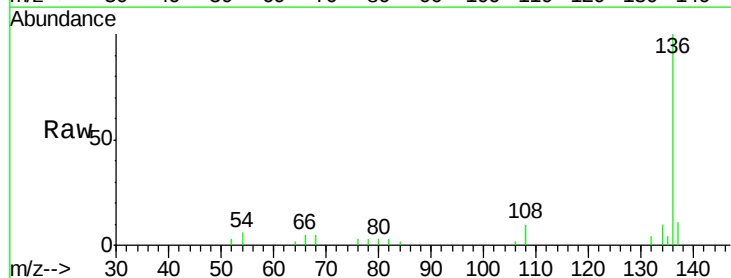
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.2 5.3 7.9

68 5.2 4.6 6.8

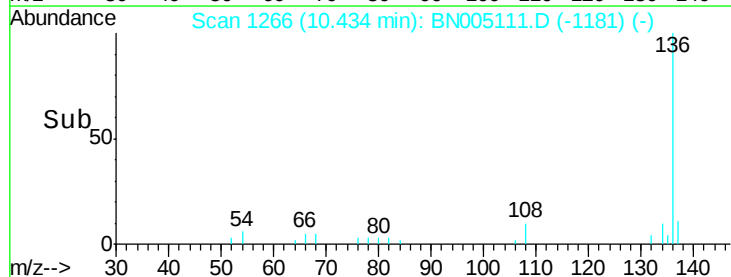
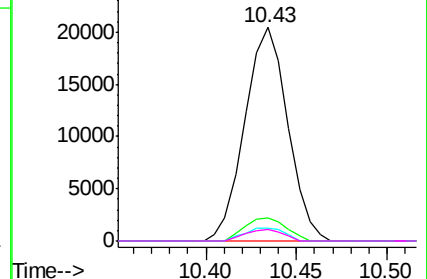


Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

Ion 137.00 (136.70 to 137.70): BN004974.D (-1264) (-)

Ion 54.00 (53.70 to 54.70): BN004974.D (-1264) (-)

Ion 68.00 (67.70 to 68.70): BN004974.D (-1264) (-)

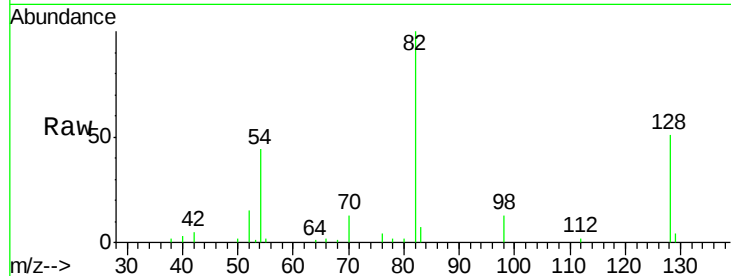




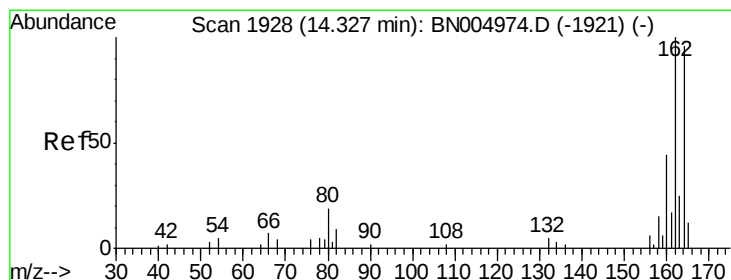
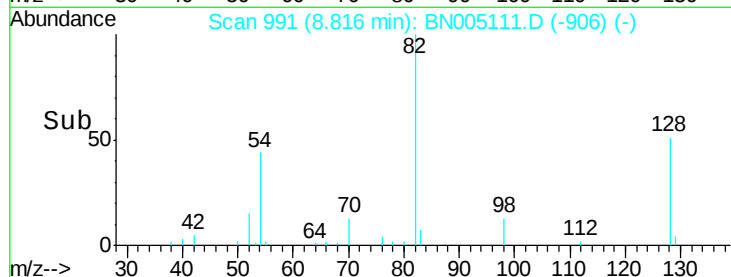
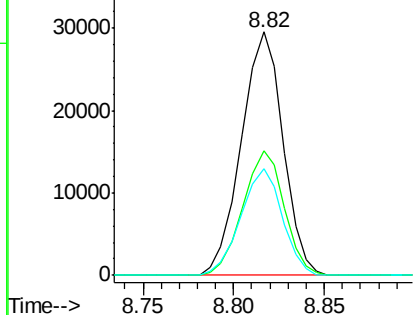
#23
 Nitrobenzene-d5
 Concen: 84.639 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BN005111.D
 Acq: 05 Apr 2019 01:46

Instrument :
 BNA_N
 ClientSampleId :
 CONCRETE-PILE-1-A

Tgt Ion: 82 Resp: 47220
 Ion Ratio Lower Upper
 82 100
 128 51.0 40.6 60.8
 54 43.6 35.2 52.8

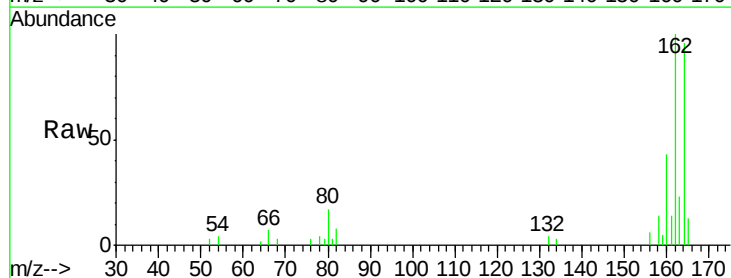


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): BN0
 Ion 54.00 (53.70 to 54.70): BN0

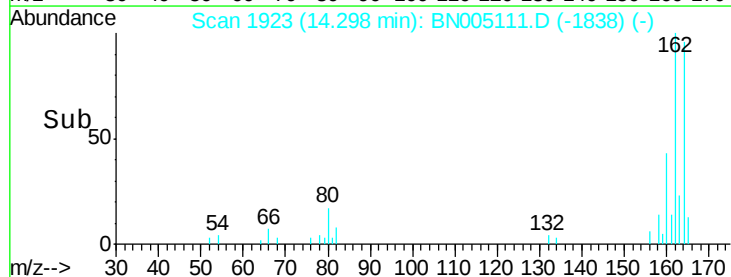
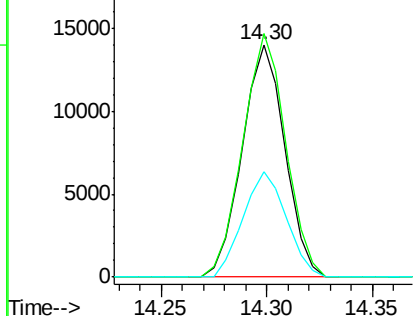


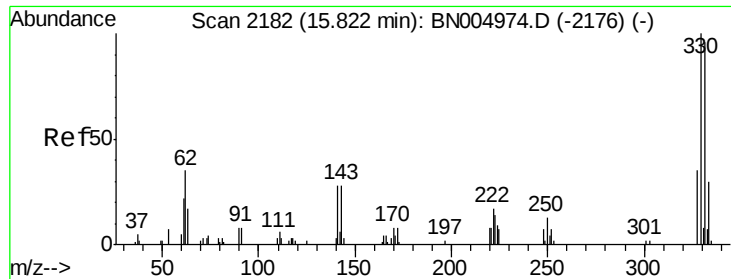
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BN005111.D
 Acq: 05 Apr 2019 01:46

Tgt Ion: 164 Resp: 19621
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.4 125.0
 160 45.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BN0
 Ion 162.00 (161.70 to 162.70): BN0
 Ion 160.00 (159.70 to 160.70): BN0

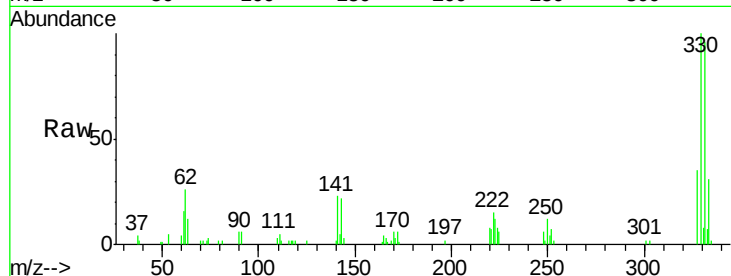




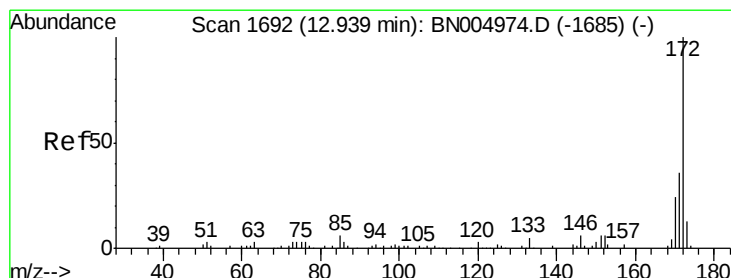
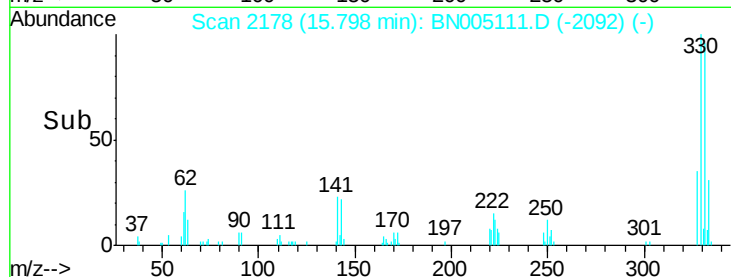
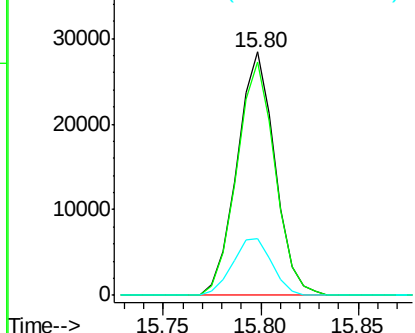
#42
 2,4,6-Tribromophenol
 Concen: 120.389 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BN005111.D
 Acq: 05 Apr 2019 01:46

Instrument :
 BNA_N
 ClientSampleId :
 CONCRETE-PILE-1-A

Tgt Ion:330 Resp: 38097
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 24.3 22.1 33.1

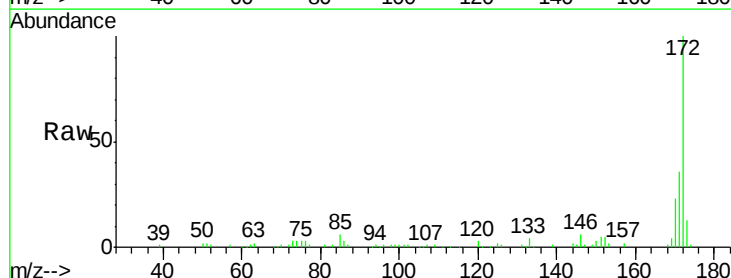


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

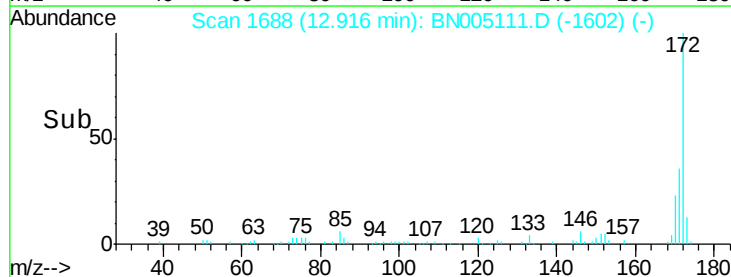
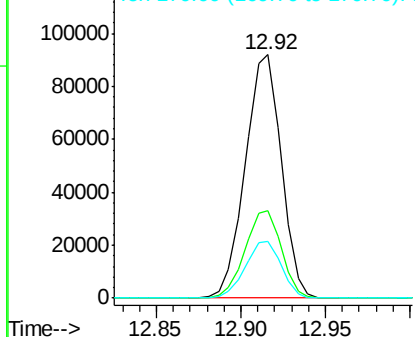


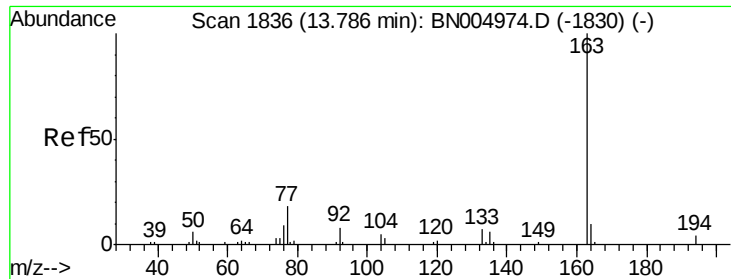
#45
 2-Fluorobiphenyl
 Concen: 92.409 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005111.D
 Acq: 05 Apr 2019 01:46

Tgt Ion:172 Resp: 136829
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 23.1 18.9 28.3



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

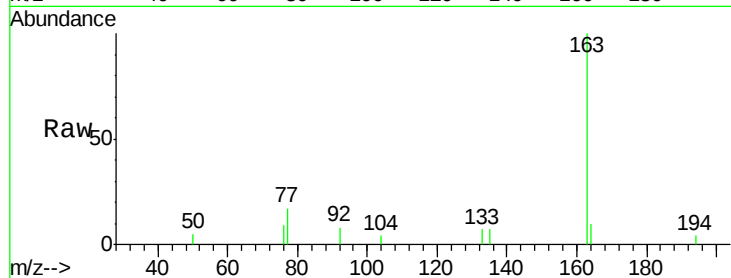




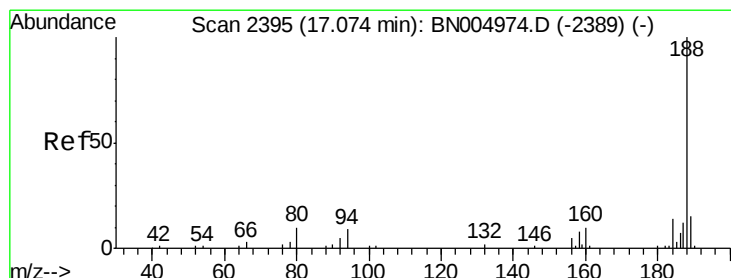
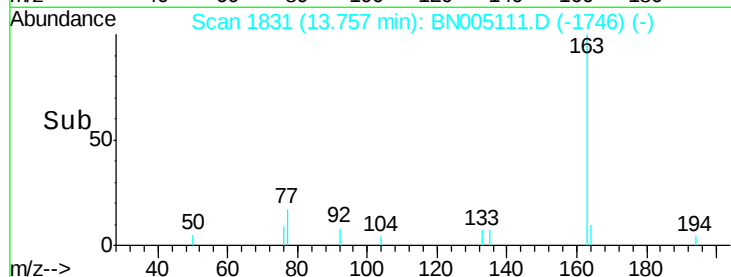
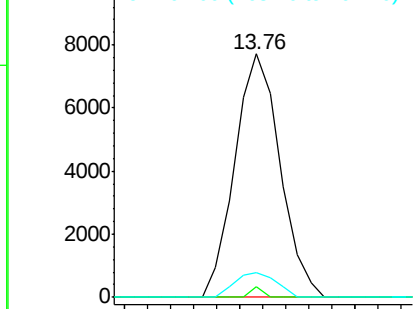
#50
Dimethylphthalate
Concen: 6.531 ng
RT: 13.76 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

Instrument :
BNA_N
ClientSampleId :
CONCRETE-PILE-1-A

Tgt Ion:163 Resp: 10528
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.3 12.5

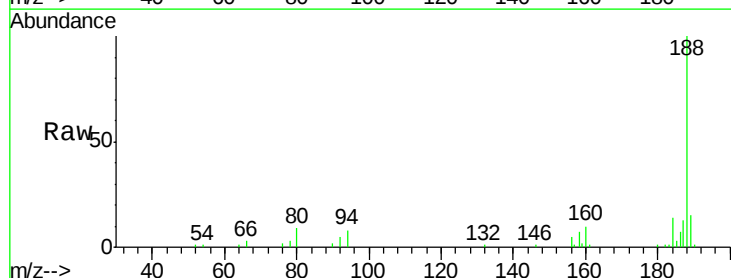


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

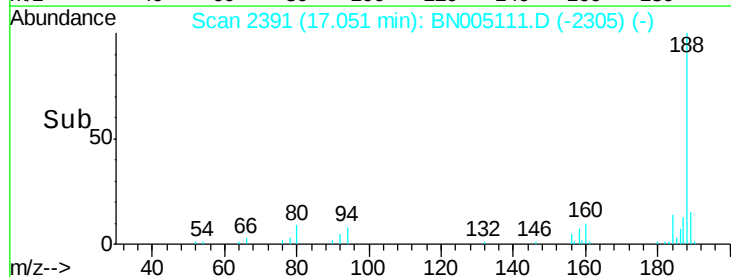
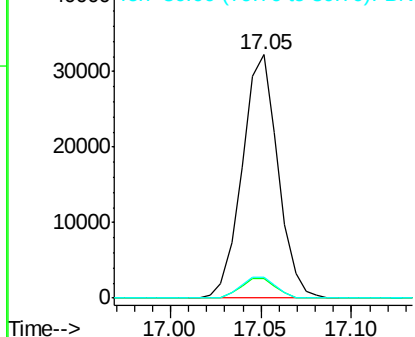


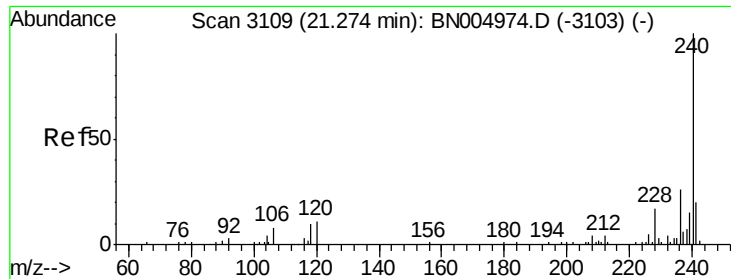
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

Tgt Ion:188 Resp: 44035
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.7 7.8 11.6



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

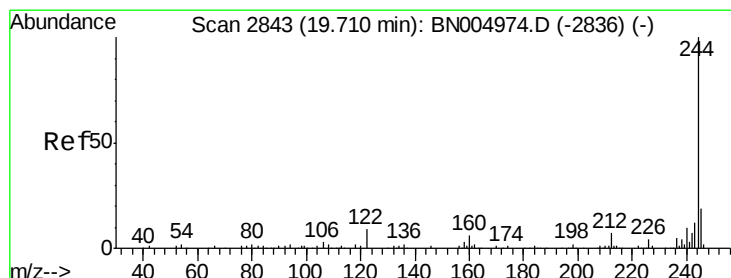
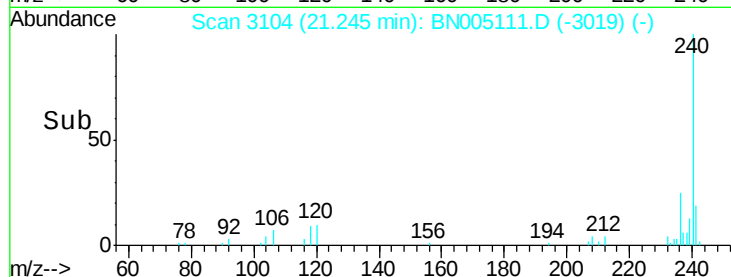
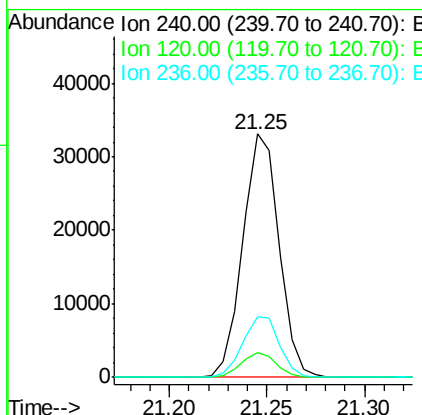
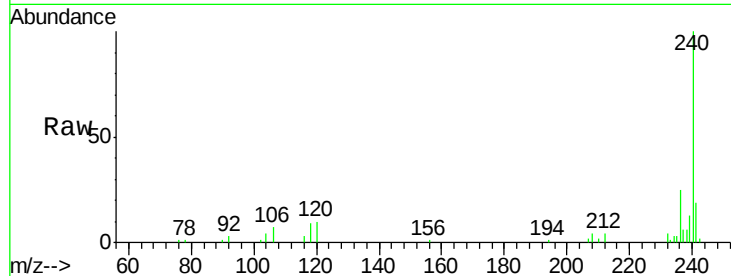




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

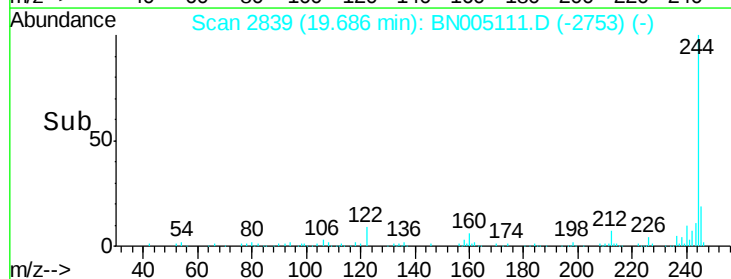
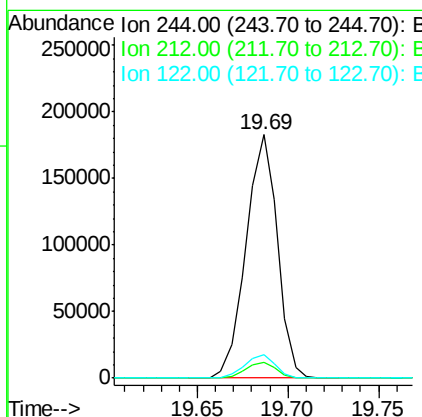
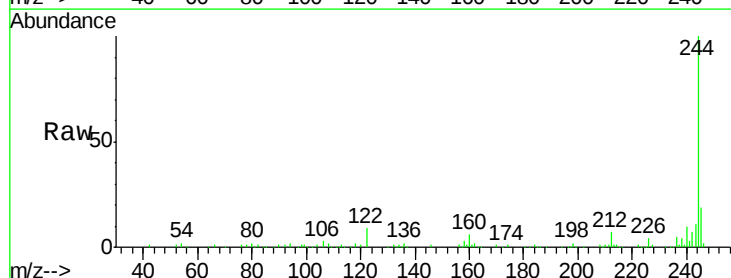
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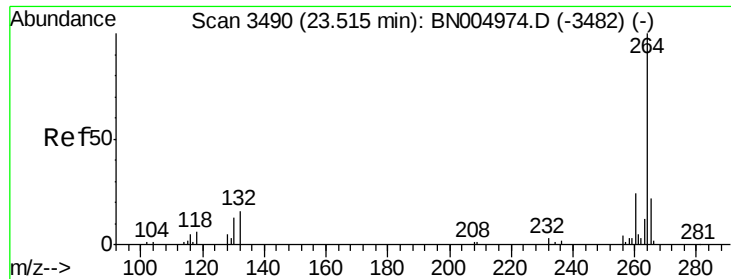
Tgt Ion:240 Resp: 42631
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 25.0 21.2 31.8



#79
Terphenyl-d14
Concen: 99.141 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

Tgt Ion:244 Resp: 219530
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 9.5 7.4 11.2

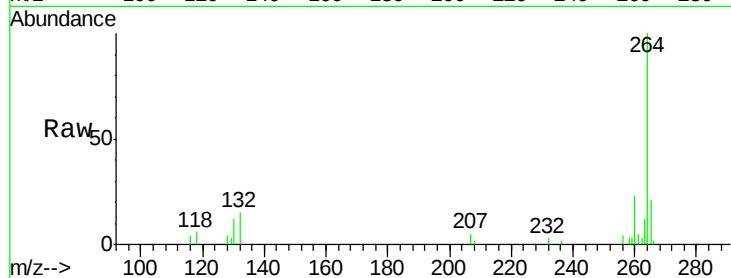




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. -0.04 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

Instrument :
BNA_N
ClientSampleId :
CONCRETE-PILE-1-A

Tgt Ion: 264 Resp: 38864
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.3 17.2 25.8



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

