

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 03:09:13 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

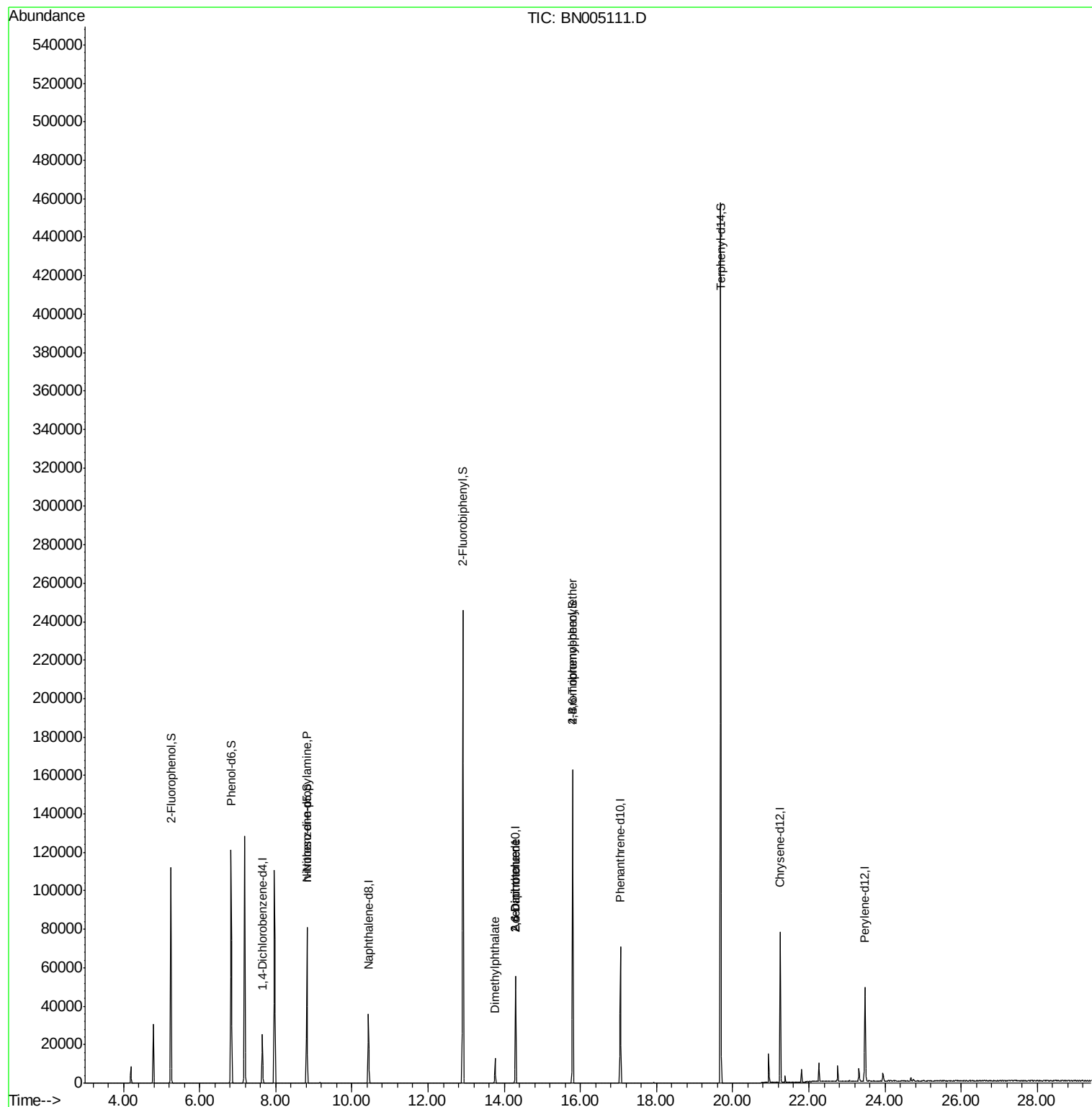
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8249	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	33748	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	19621	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	44035	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	42631	20.00	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						
19) n-Nitroso-di-n-propylamine	8.82	70	6033	14.542	ng	Qvalue # 73
50) Dimethylphthalate	13.76	163	10528	6.531	ng	100
51) 2,6-Dinitrotoluene	14.30	165	2383	6.497	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2383	4.780	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2222	4.044	ng	# 1

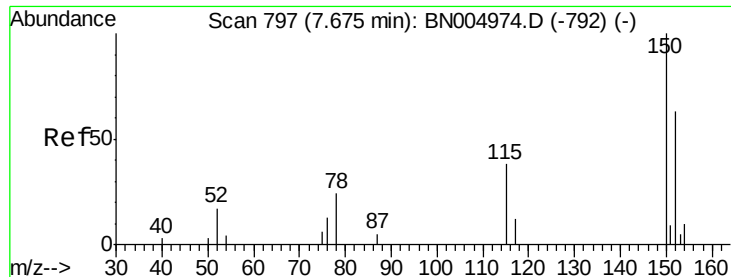
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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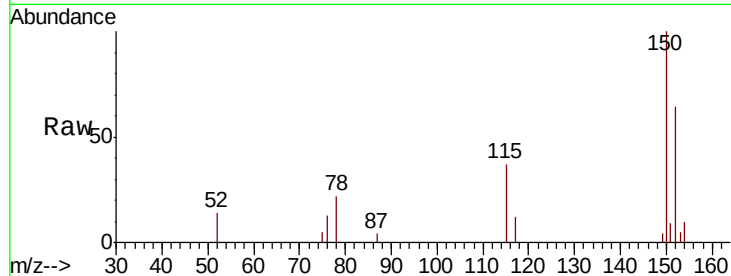


#1

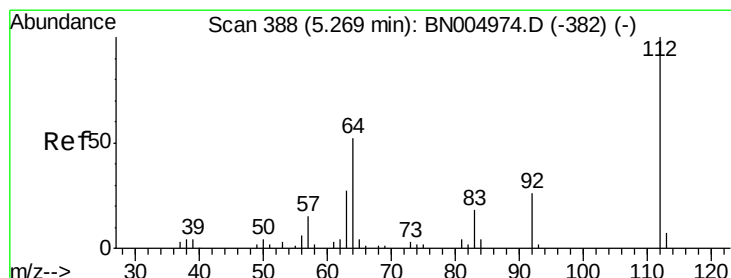
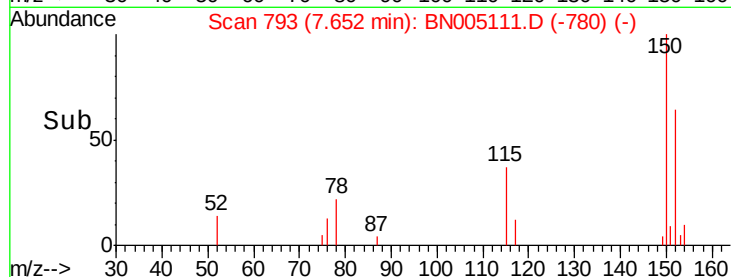
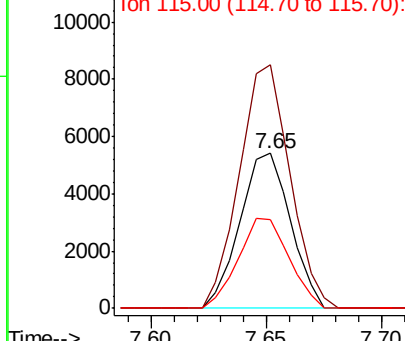
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

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



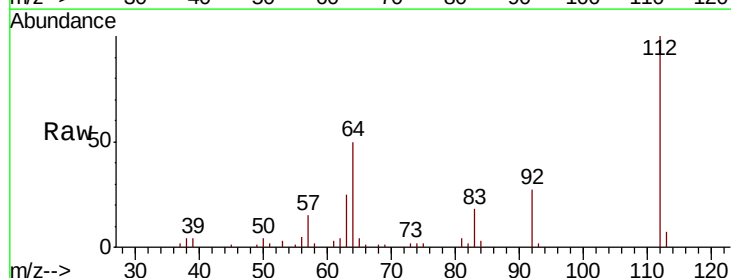
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



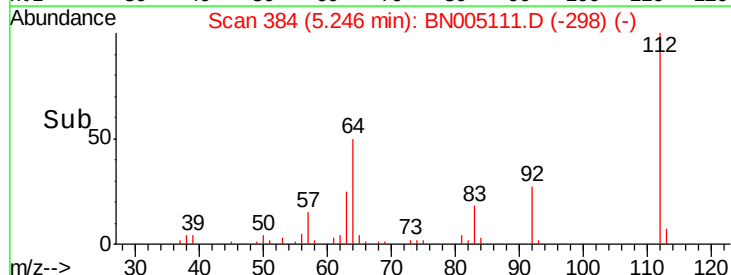
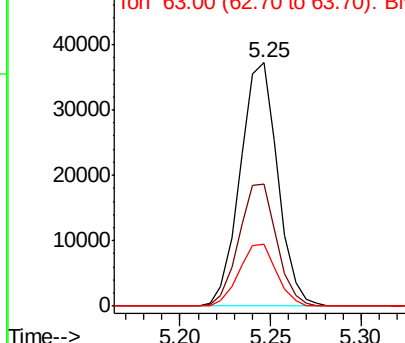
#5

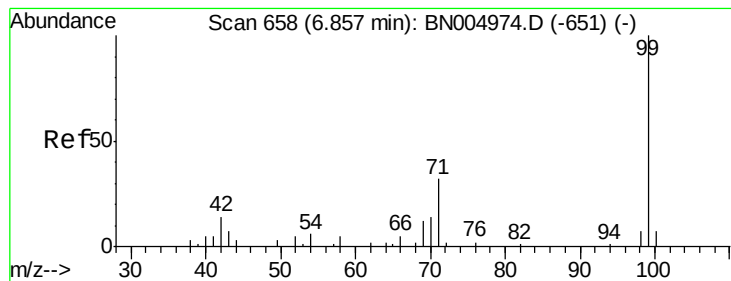
2-Fluorophenol
Concen: 111.780 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

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

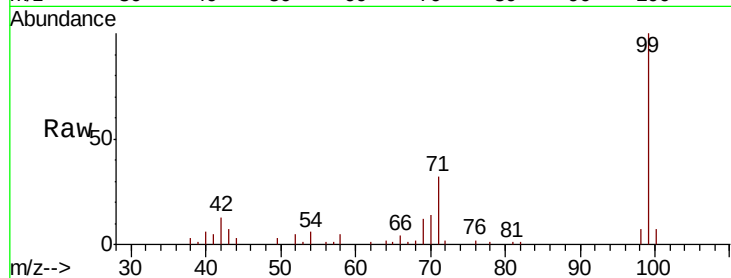
Tgt Ion: 99 Resp: 77313

Ion Ratio Lower Upper

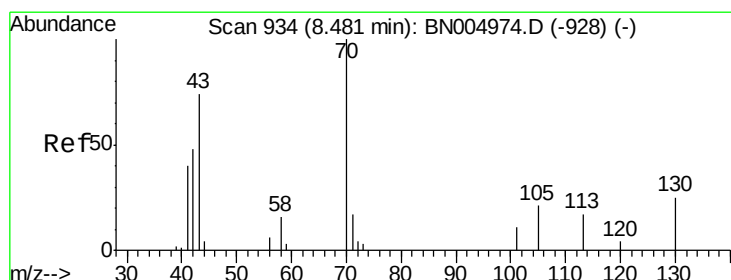
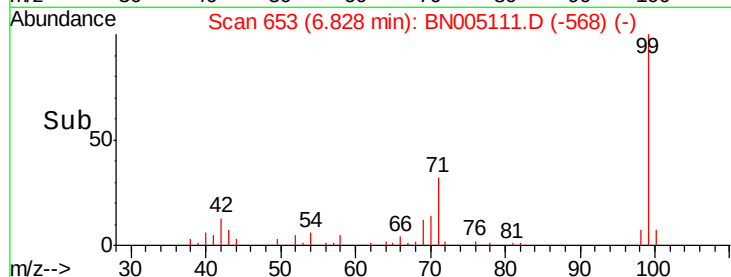
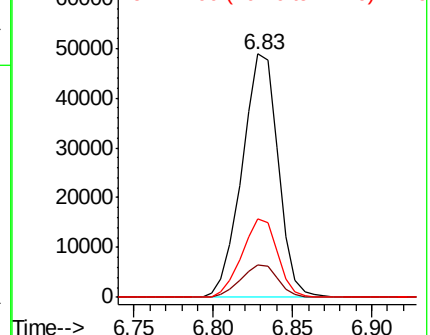
99 100

42 13.5 11.4 17.0

71 32.0 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#19

n-Nitroso-di-n-propylamine

Concen: 14.542 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005111.D

Acq: 05 Apr 2019 01:46

Tgt Ion: 70 Resp: 6033

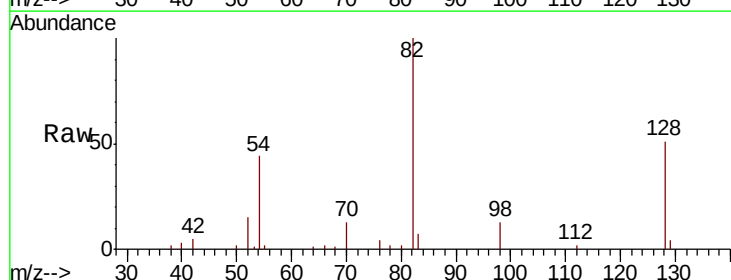
Ion Ratio Lower Upper

70 100

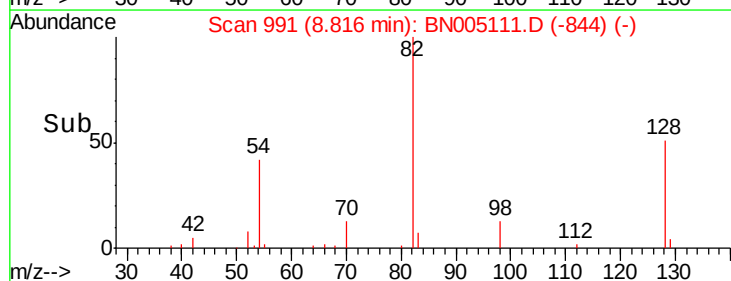
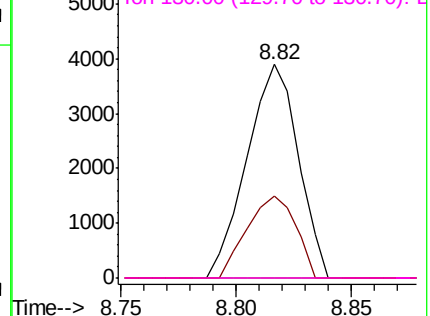
42 38.1 38.4 57.6#

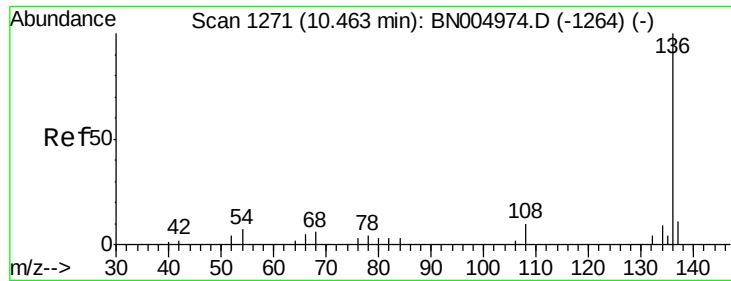
101 0.0 8.8 13.2#

130 0.0 19.8 29.8#



Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): BN0
Ion 130.00 (129.70 to 130.70): BN0

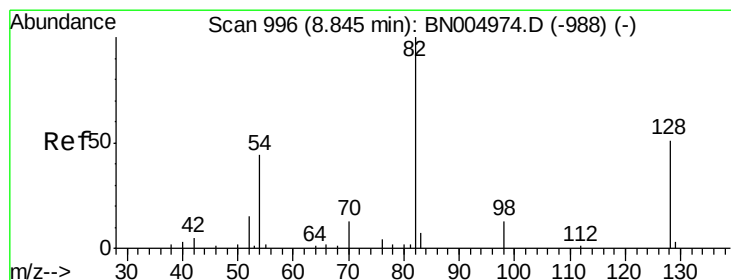
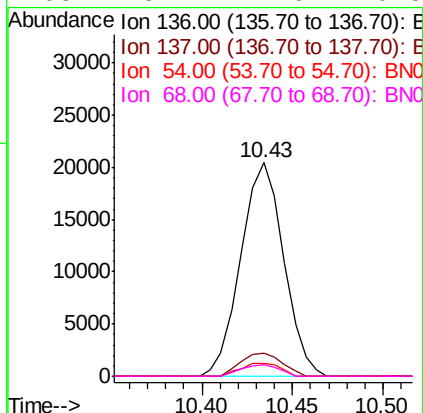
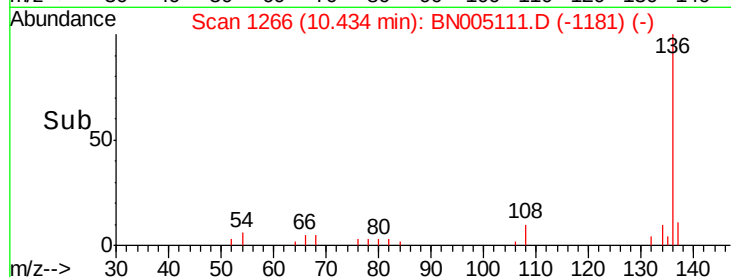
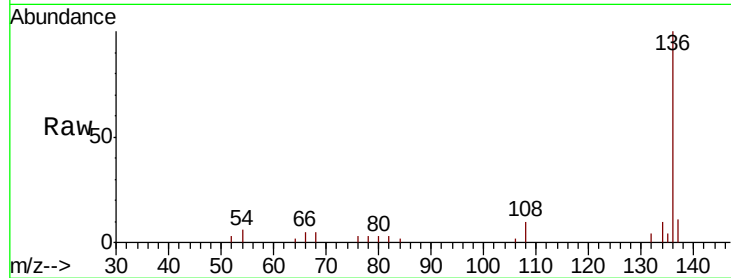




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

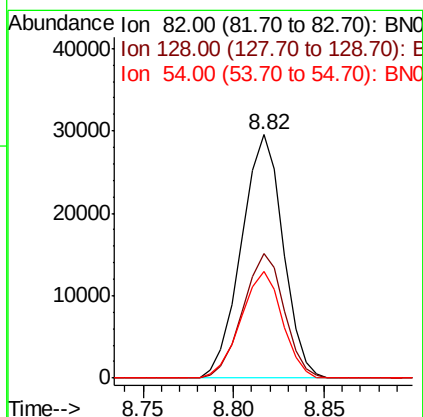
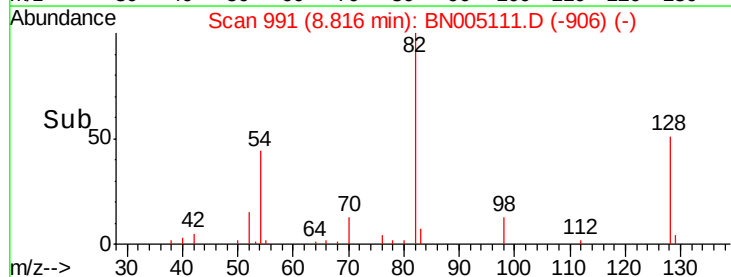
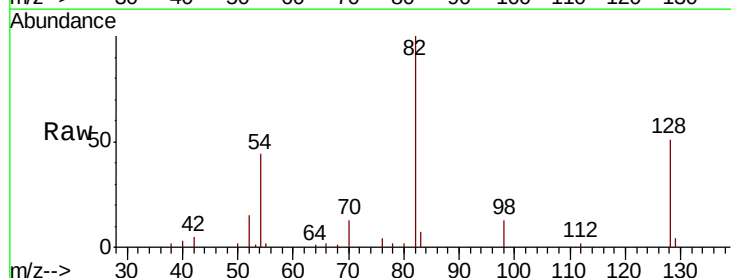
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CONCRETE-PILE-1-A

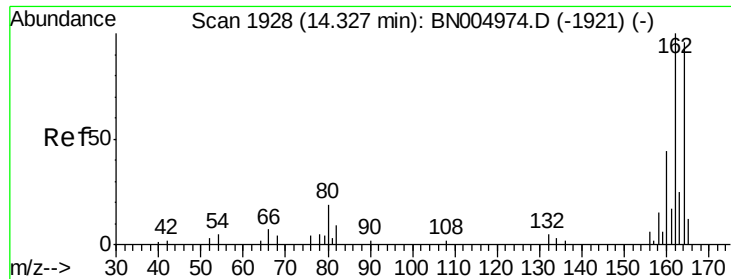
Tgt Ion:	136	Resp:	33748
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.2	5.3	7.9
68	5.2	4.6	6.8



#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

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

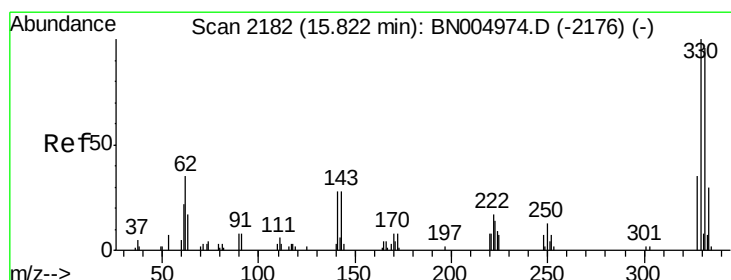
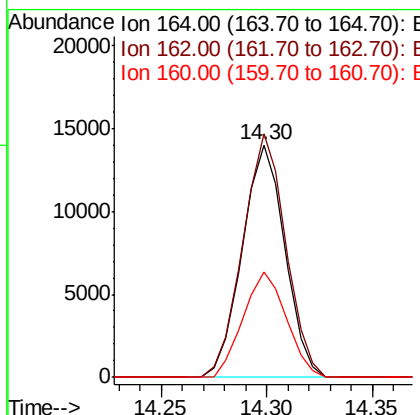
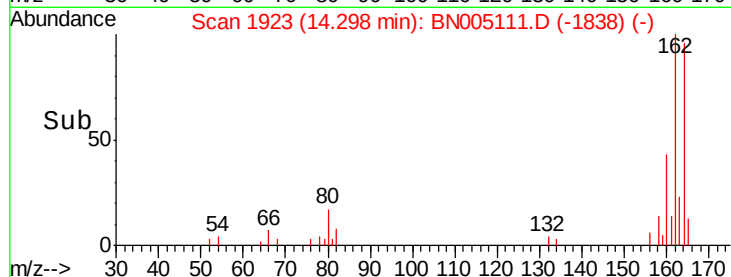
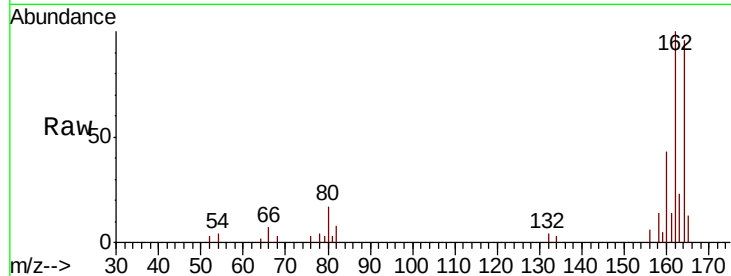




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

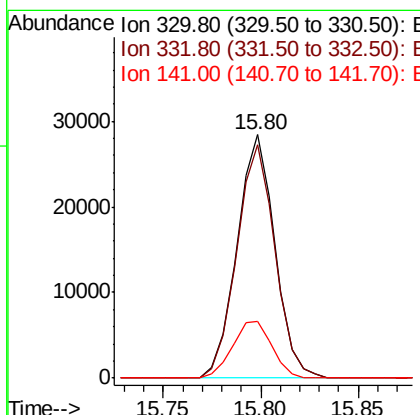
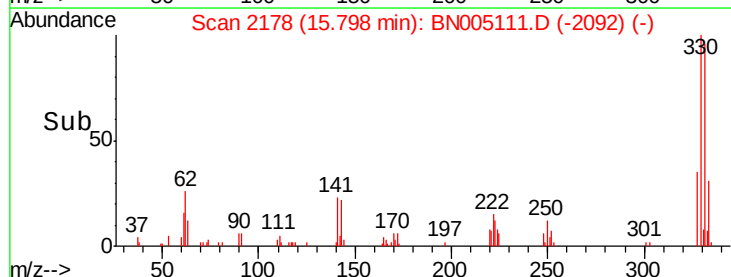
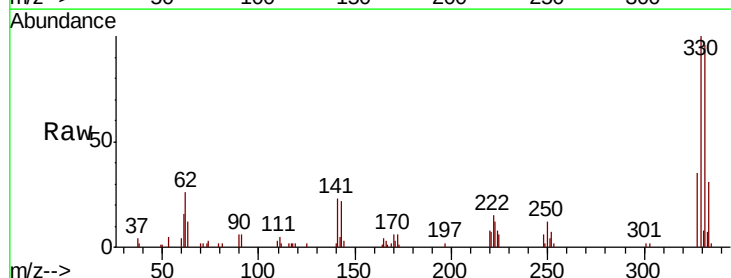
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CONCRETE-PILE-1-A

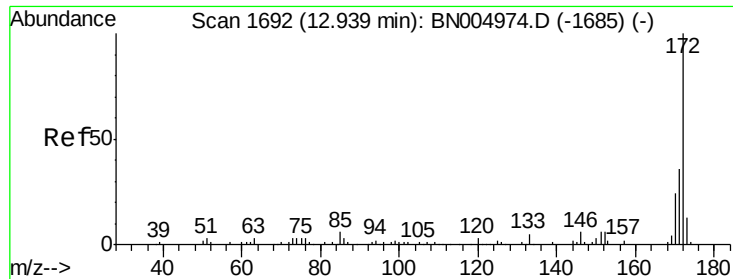
Tgt Ion:164 Resp: 19621
Ion Ratio Lower Upper
164 100
162 104.6 83.4 125.0
160 45.2 36.6 55.0



#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

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

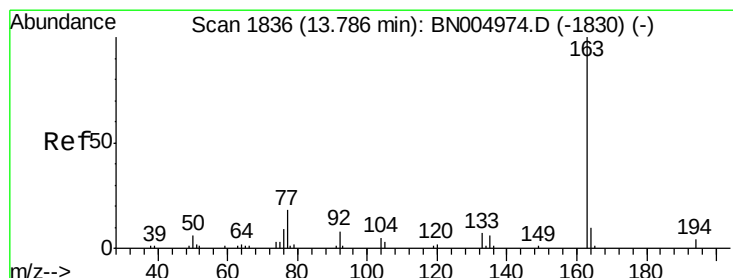
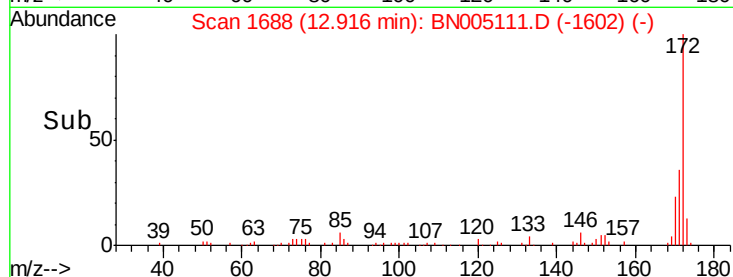
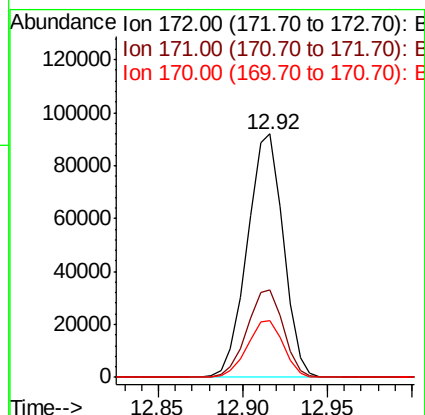
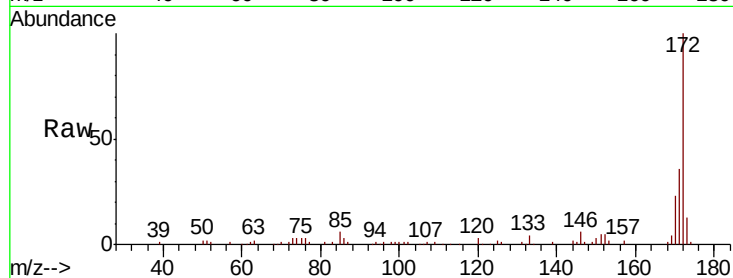




#45
 2-Fluorobiphenyl
 Concen: 92.409 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005111.D
 Acq: 05 Apr 2019 01:46

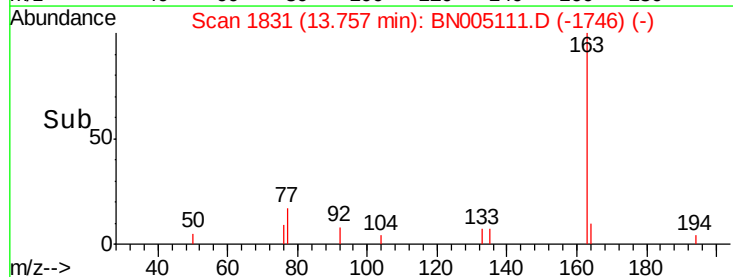
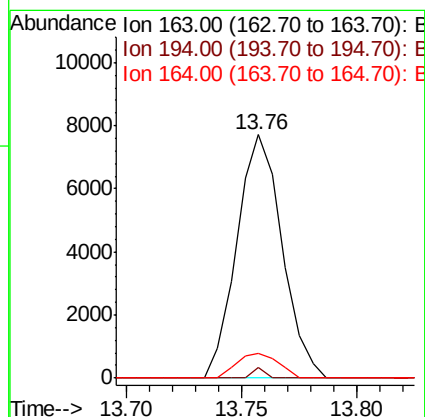
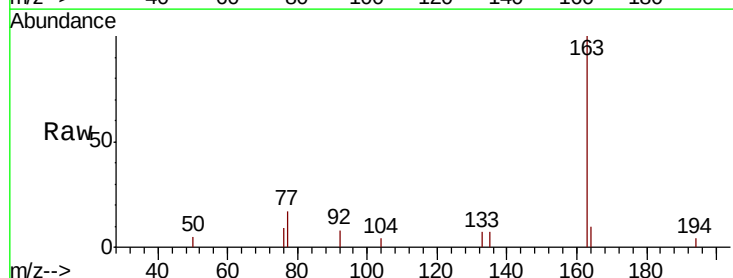
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 CONCRETE-PILE-1-A

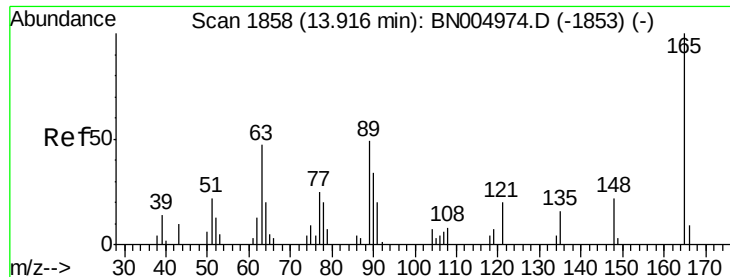
Tgt Ion:	172	Resp:	136829
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.1	18.9	28.3



#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

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

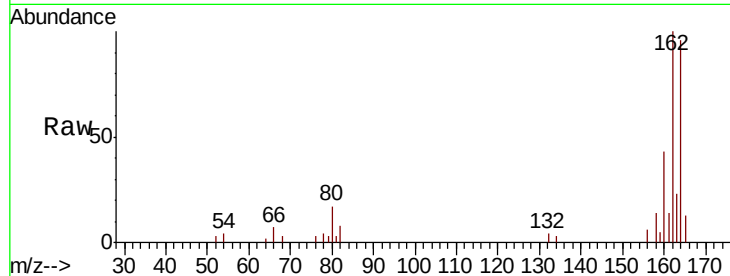




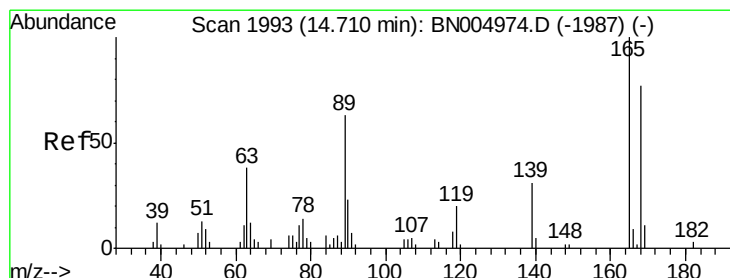
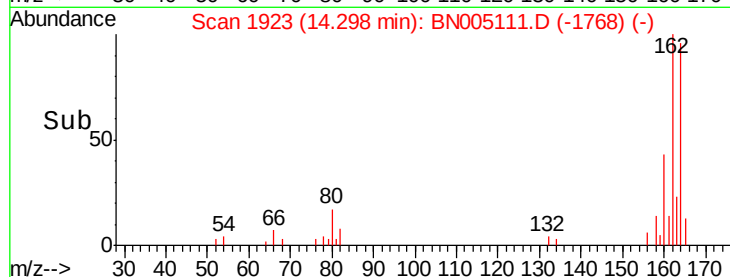
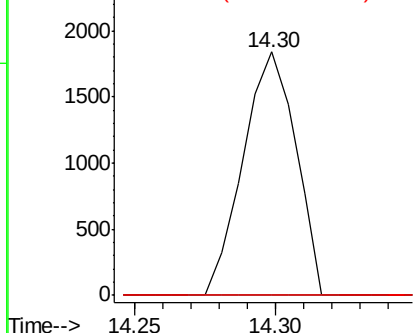
#51
 2,6-Dinitrotoluene
 Concen: 6.497 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005111.D
 Acq: 05 Apr 2019 01:46

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	0.0	39.2	58.8#

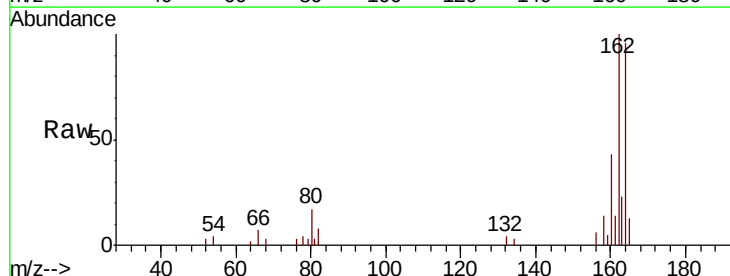


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

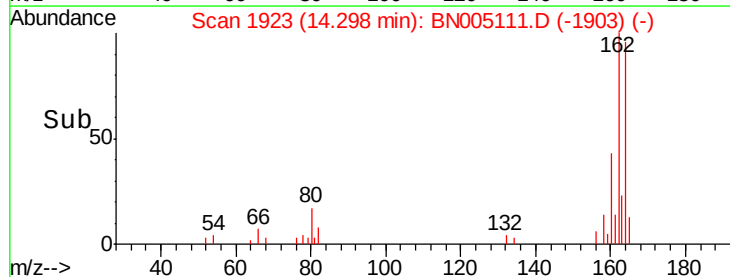
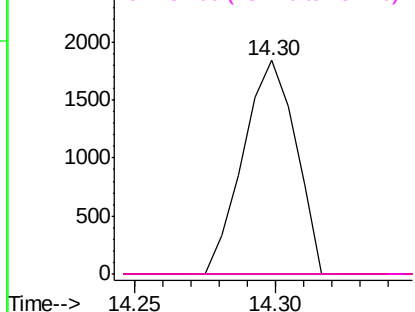


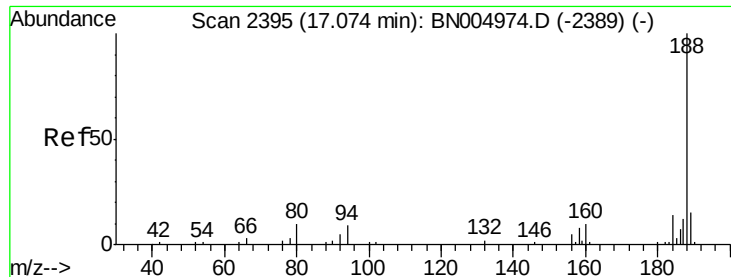
#57
 2,4-Dinitrotoluene
 Concen: 4.780 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005111.D
 Acq: 05 Apr 2019 01:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.4	45.6#
89	0.0	50.7	76.1#
182	0.0	2.5	3.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

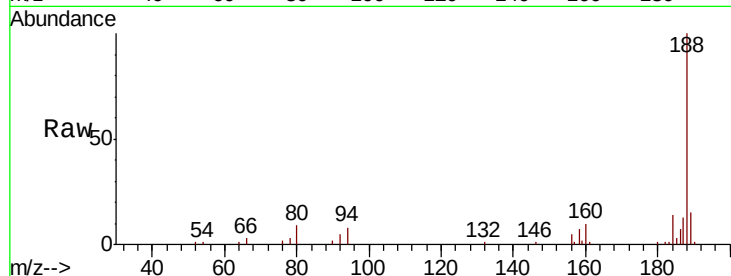




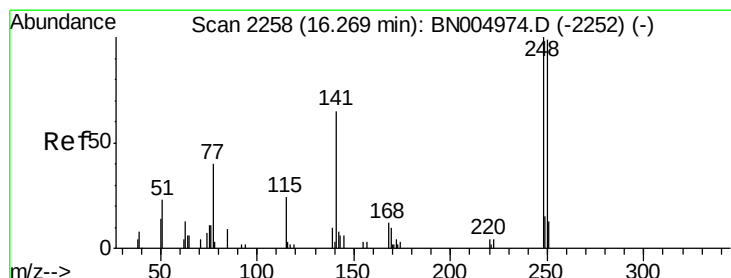
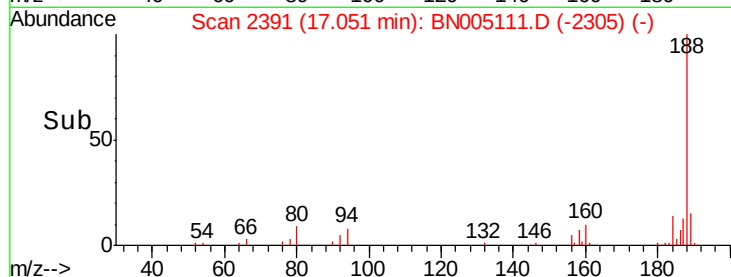
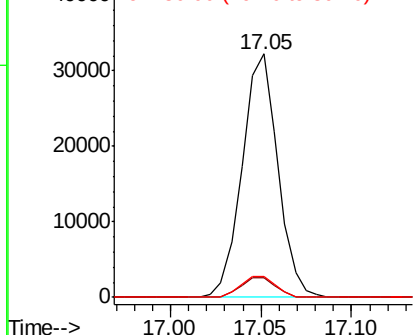
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.02 min
 Lab File: BN005111.D
 Acq: 05 Apr 2019 01:46

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

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

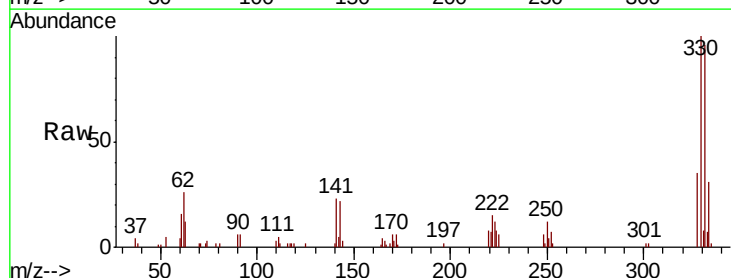


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BNC
 Ion 80.00 (79.70 to 80.70): BNC

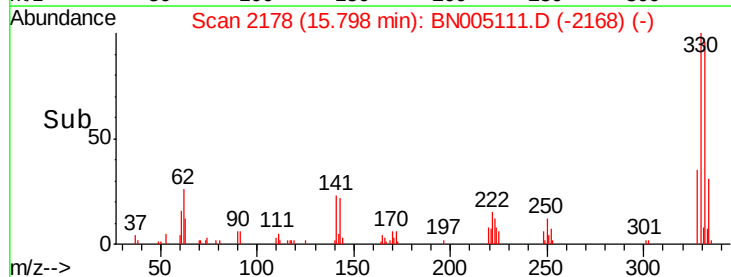
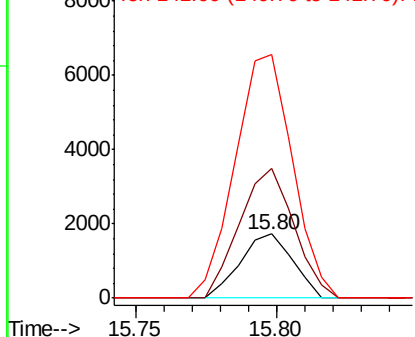


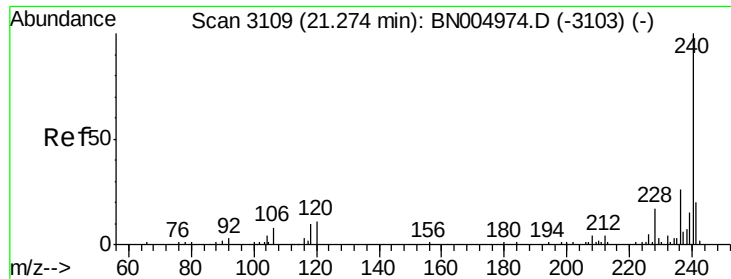
#67
 4-Bromophenyl-phenylether
 Concen: 4.044 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.47 min
 Lab File: BN005111.D
 Acq: 05 Apr 2019 01:46

Tgt Ion:248 Resp: 2222
 Ion Ratio Lower Upper
 248 100
 250 204.1 79.4 119.2#
 141 381.4 52.3 78.5#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

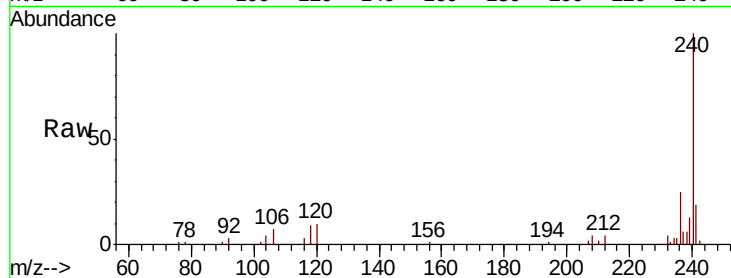




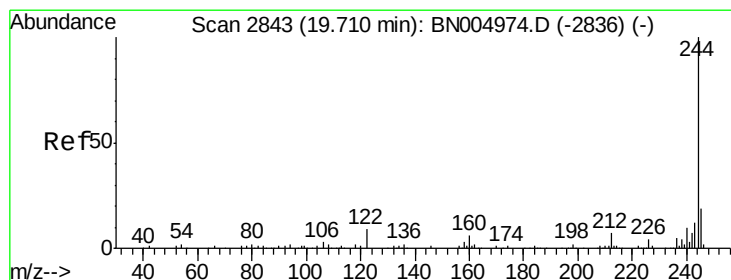
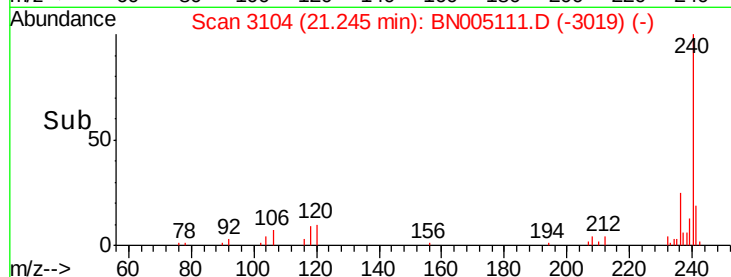
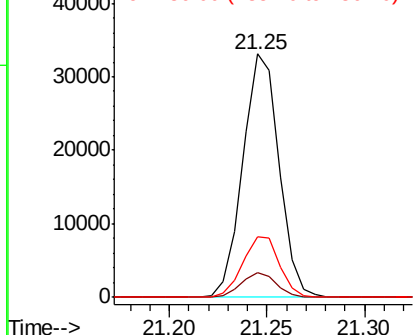
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

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

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

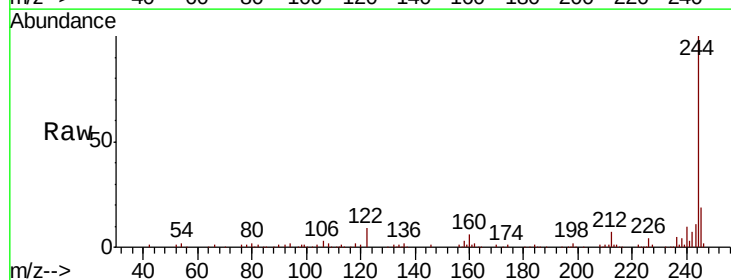


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

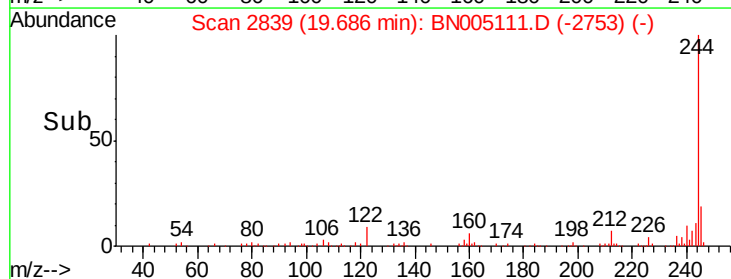
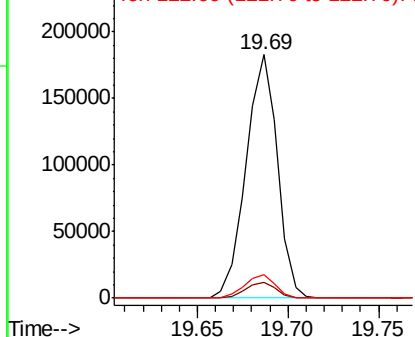


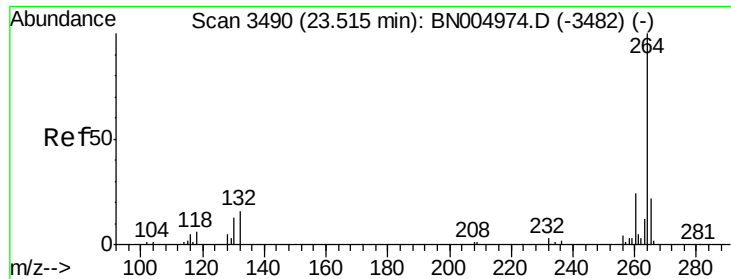
#79
Terphenyl-d14
Concen: 99.141 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005111.D
Acq: 05 Apr 2019 01:46

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



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

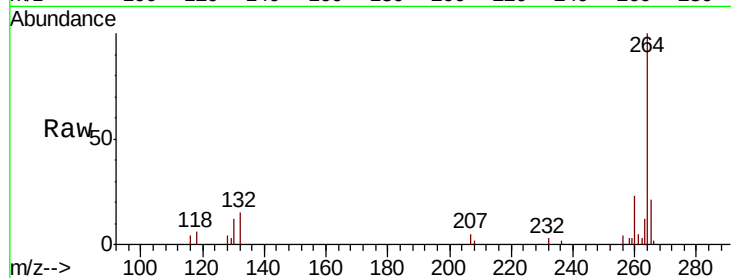




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.47 min Scan# 3483
 Delta R.T. -0.04 min
 Lab File: BN005111.D
 Acq: 05 Apr 2019 01:46

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

