

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
 Data File : BN005112.D
 Acq On : 05 Apr 2019 02:22
 Operator : JU/SJ
 Sample : K2227-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Apr 05 03:09:22 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

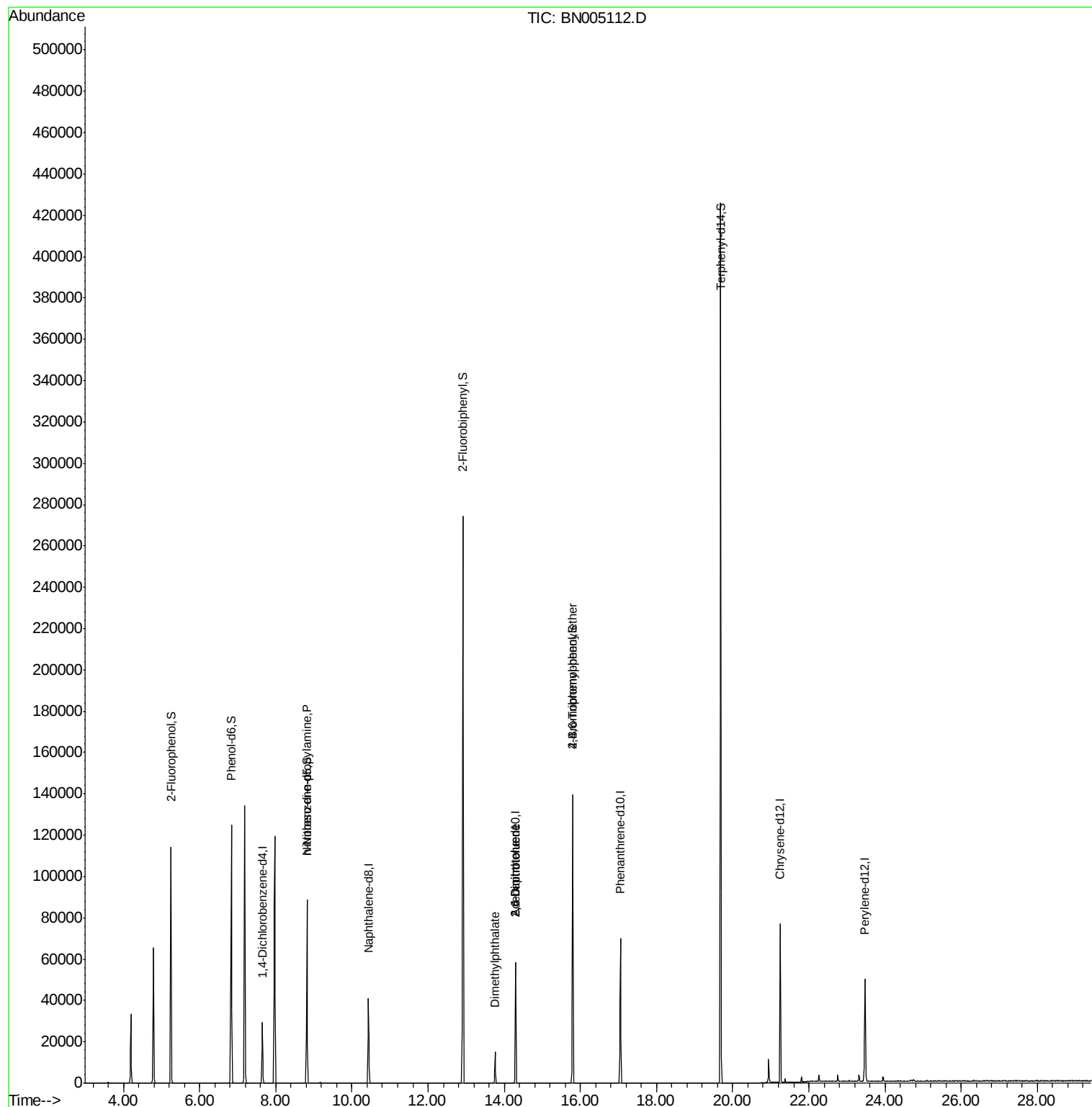
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	9267	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	37497	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	21191	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	45160	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	39518	20.00	ng	-0.03
87) Perylene-d12	23.47	264	40599	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	53716	100.22	ng	-0.02
7) Phenol-d6	6.83	99	80789	113.64	ng	-0.02
23) Nitrobenzene-d5	8.82	82	51615	83.27	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	34454	100.81	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	147507	92.24	ng	-0.02
79) Terphenyl-d14	19.69	244	206527	100.62	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.82	70	6517	13.983	ng	Qvalue # 73
50) Dimethylphthalate	13.76	163	12179	6.995	ng	# 99
51) 2,6-Dinitrotoluene	14.30	165	2727	6.884	ng	# 29
57) 2,4-Dinitrotoluene	14.30	165	2727	5.065	ng	# 27
67) 4-Bromophenyl-phenylether	15.80	248	2024	3.592	ng	# 1

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

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QLast Update : Wed Mar 27 05:27:09 2019
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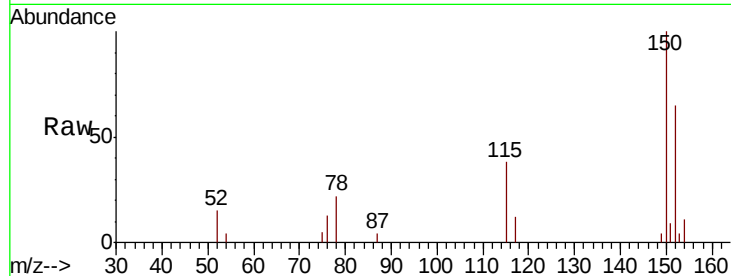


#1

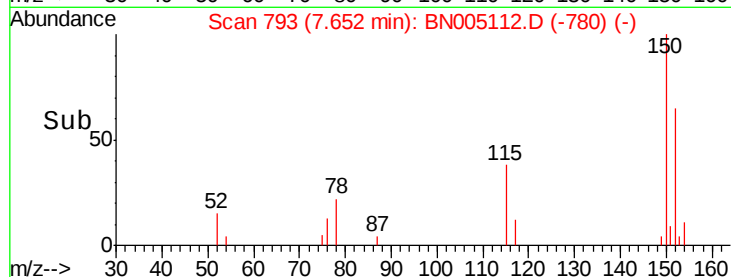
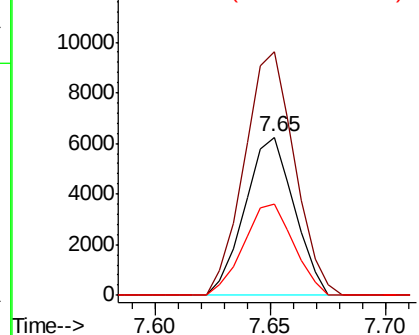
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005112.D
Acq: 05 Apr 2019 02:22

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

Tgt Ion:152 Resp: 9267
Ion Ratio Lower Upper
152 100
150 154.0 126.9 190.3
115 58.0 47.8 71.6



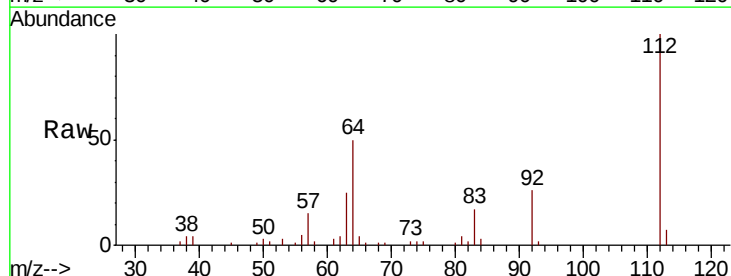
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



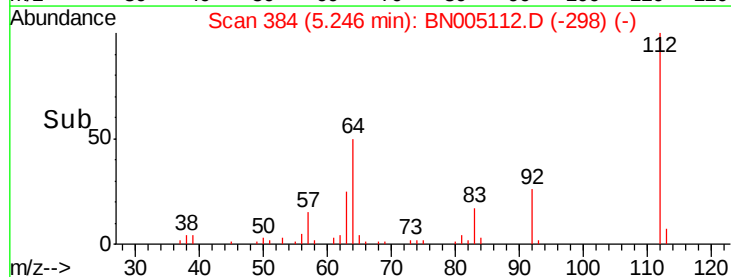
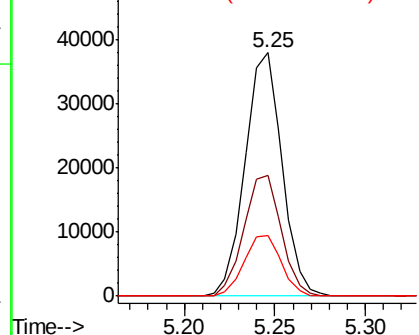
#5

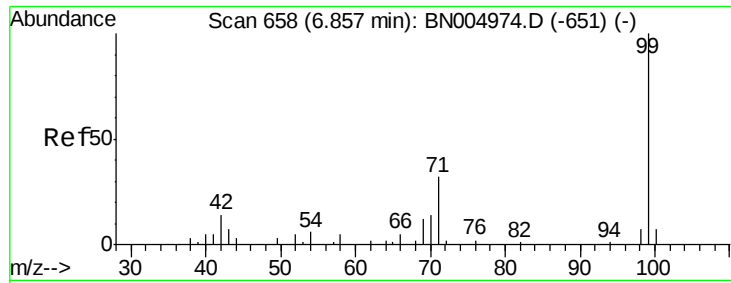
2-Fluorophenol
Concen: 100.215 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005112.D
Acq: 05 Apr 2019 02:22

Tgt Ion:112 Resp: 53716
Ion Ratio Lower Upper
112 100
64 49.8 41.9 62.9
63 24.9 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: 113.639 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005112.D

Acq: 05 Apr 2019 02:22

Instrument :

BNA_N

ClientSampleId :

CONCRETE-PILE-1-B

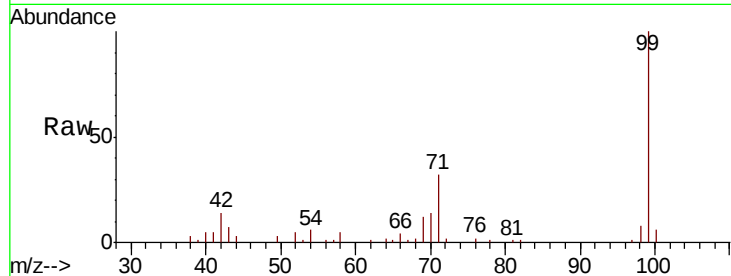
Tgt Ion: 99 Resp: 80789

Ion Ratio Lower Upper

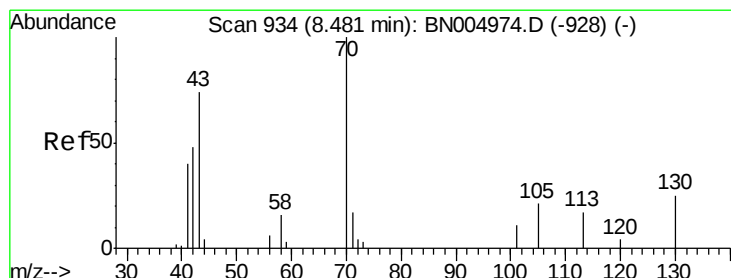
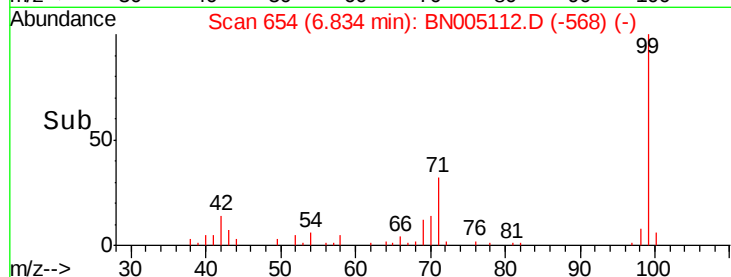
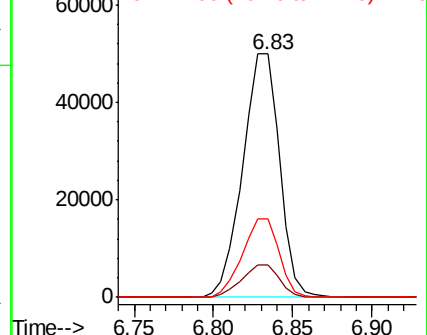
99 100

42 13.5 11.4 17.0

71 32.3 25.8 38.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.983 ng

RT: 8.82 min Scan# 991

Delta R.T. 0.34 min

Lab File: BN005112.D

Acq: 05 Apr 2019 02:22

Tgt Ion: 70 Resp: 6517

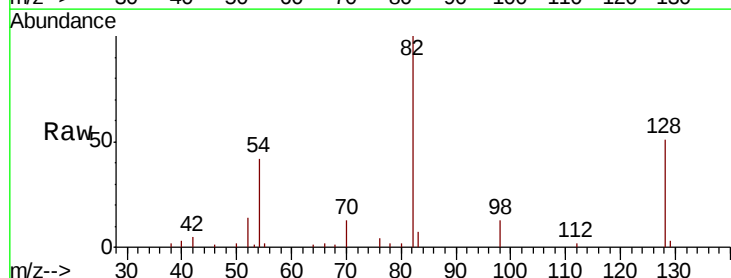
Ion Ratio Lower Upper

70 100

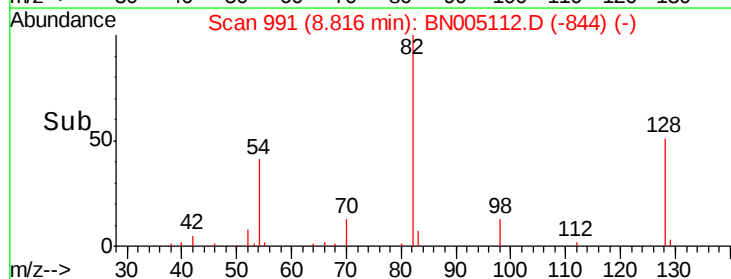
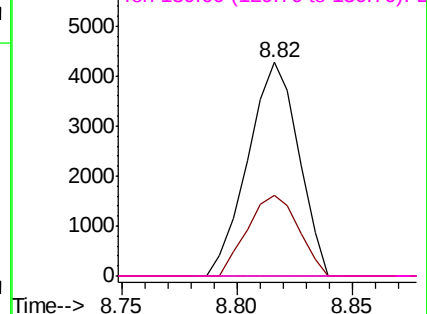
42 38.1 38.4 57.6#

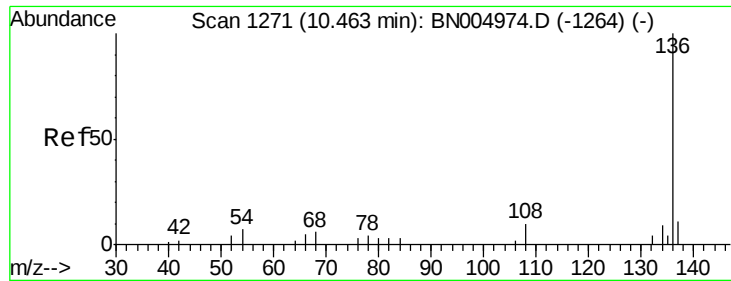
101 0.0 8.8 13.2#

130 0.0 19.8 29.8#



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

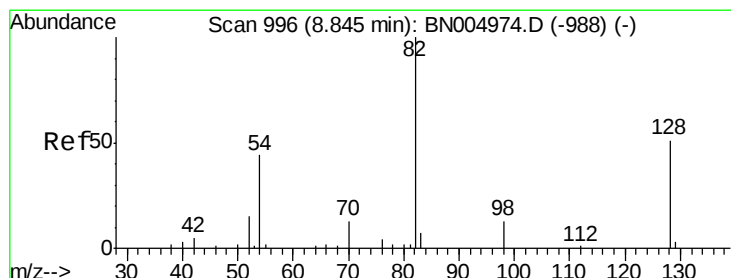
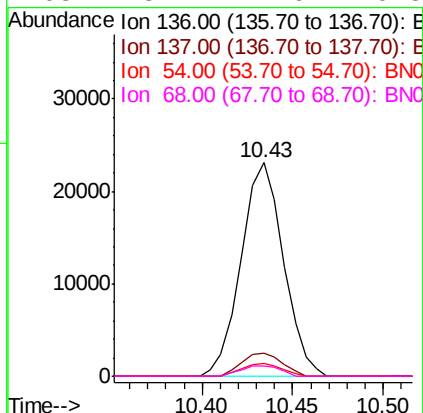
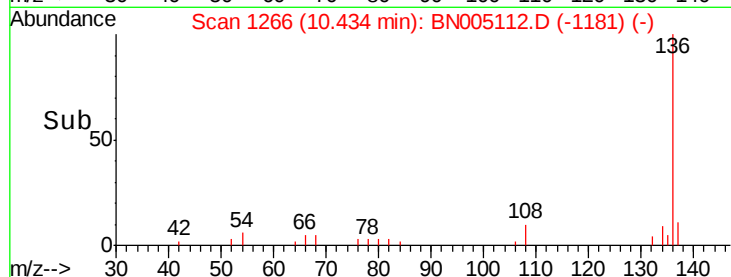
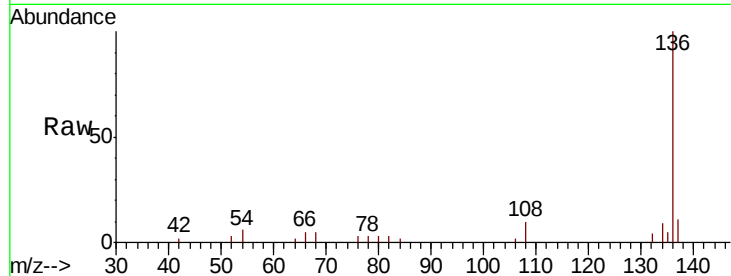




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005112.D
Acq: 05 Apr 2019 02:22

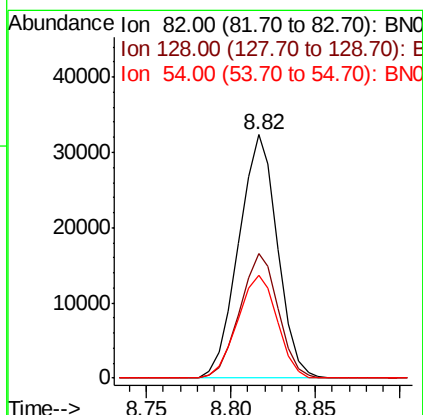
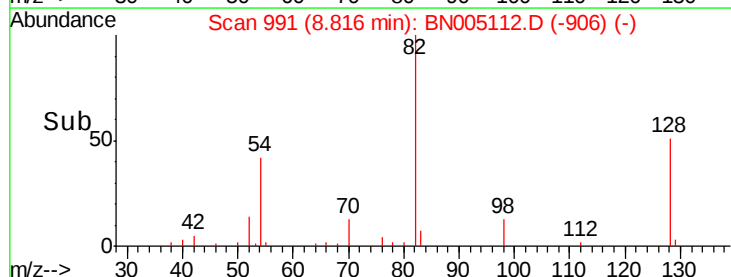
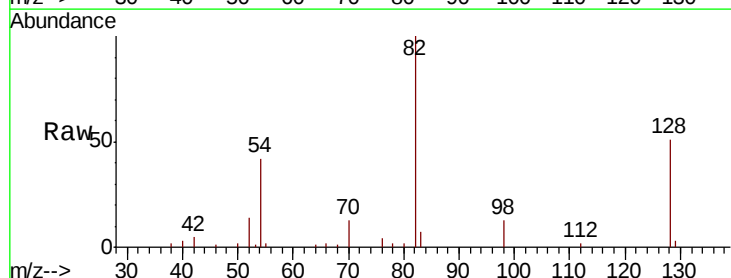
Instrument :
BNA_N
ClientSampleId :
CONCRETE-PILE-1-B

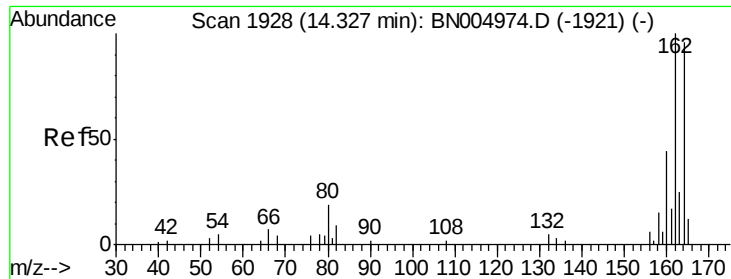
Tgt Ion:136	Resp:	37497
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.2	5.3 7.9
68	5.1	4.6 6.8



#23
Nitrobenzene-d5
Concen: 83.267 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005112.D
Acq: 05 Apr 2019 02:22

Tgt Ion: 82	Resp:	51615
Ion Ratio	Lower	Upper
82	100	
128	51.0	40.6 60.8
54	42.4	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: BN005112.D

Acq: 05 Apr 2019 02:22

Instrument :

BNA_N

ClientSampleId :

CONCRETE-PILE-1-B

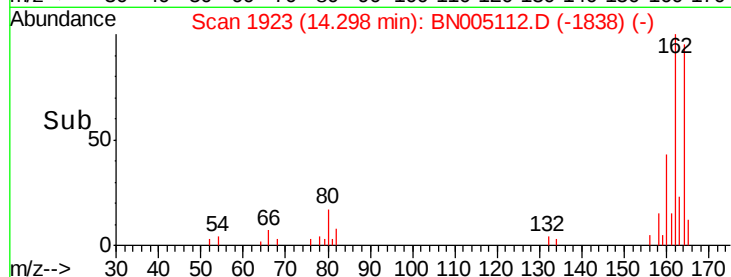
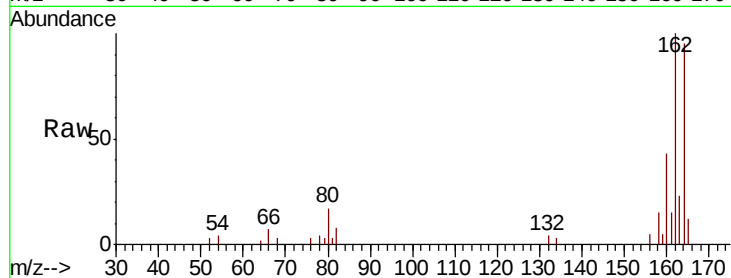
Tgt Ion:164 Resp: 21191

Ion Ratio Lower Upper

164 100

162 105.0 83.4 125.0

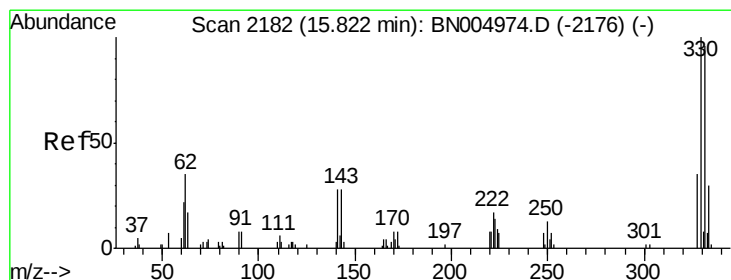
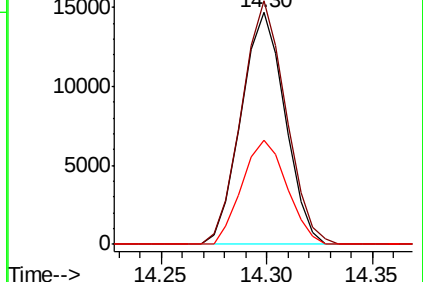
160 45.0 36.6 55.0



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: 100.810 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005112.D

Acq: 05 Apr 2019 02:22

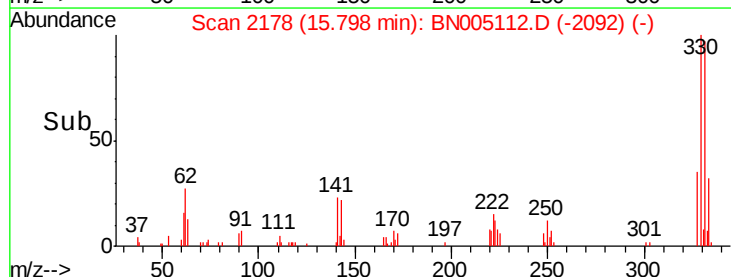
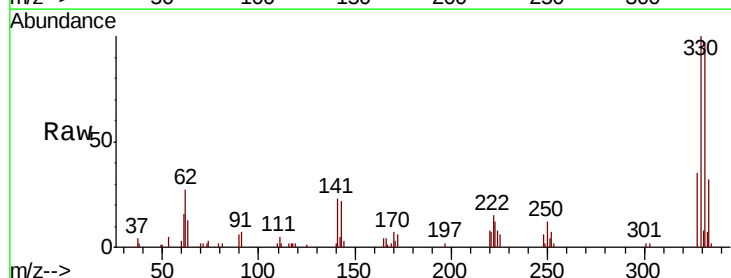
Tgt Ion:330 Resp: 34454

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

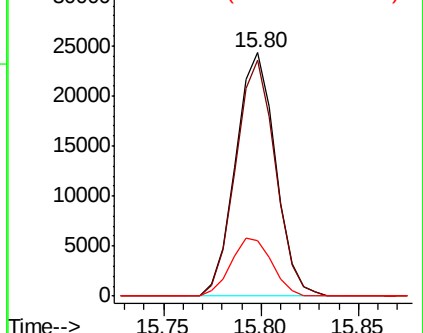
141 24.3 22.1 33.1

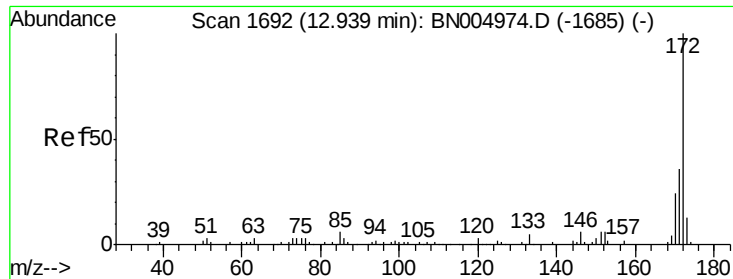


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

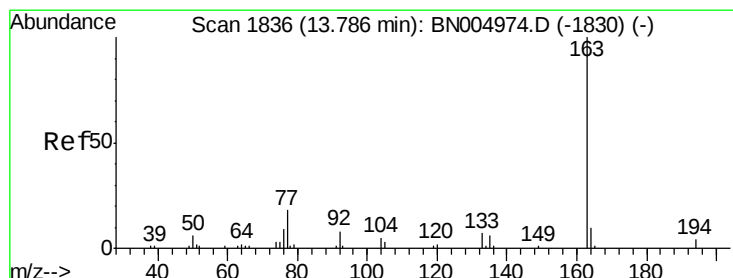
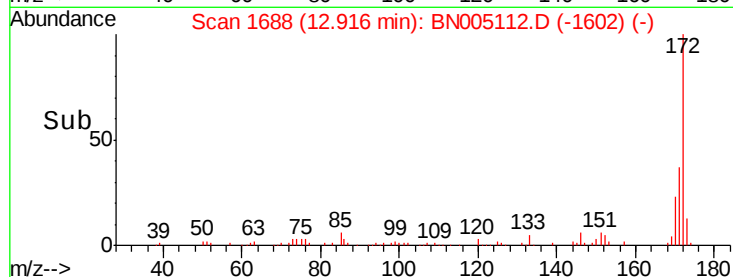
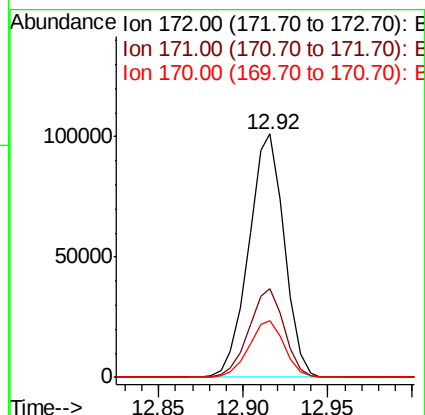
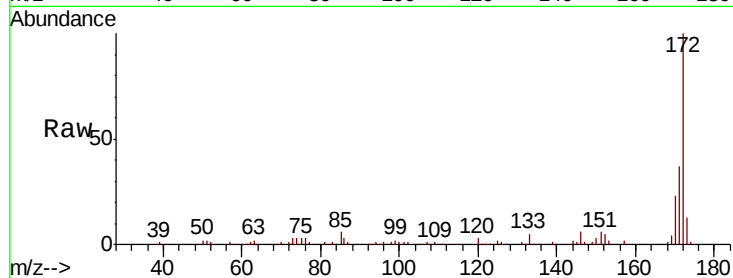




#45
 2-Fluorobiphenyl
 Concen: 92.240 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005112.D
 Acq: 05 Apr 2019 02:22

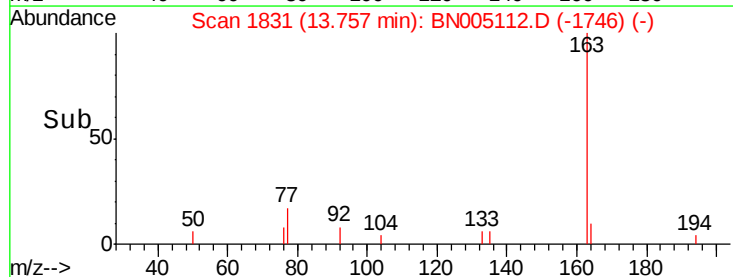
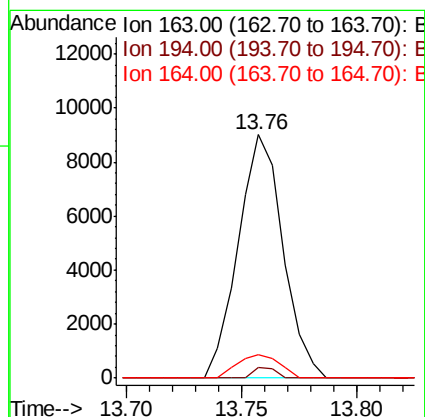
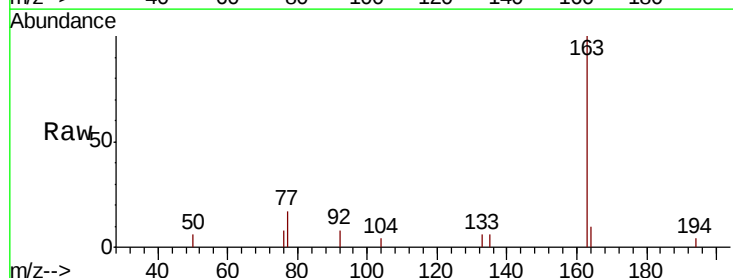
Instrument :
 BNA_N
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 CONCRETE-PILE-1-B

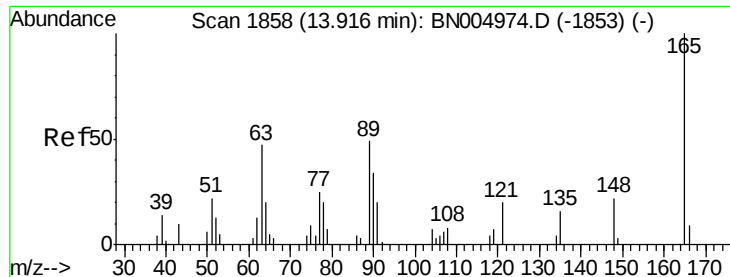
Tgt Ion:	172	Resp:	147507
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	23.2	18.9	28.3



#50
 Dimethylphthalate
 Concen: 6.995 ng
 RT: 13.76 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BN005112.D
 Acq: 05 Apr 2019 02:22

Tgt Ion:	163	Resp:	12179
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.7	8.3	12.5

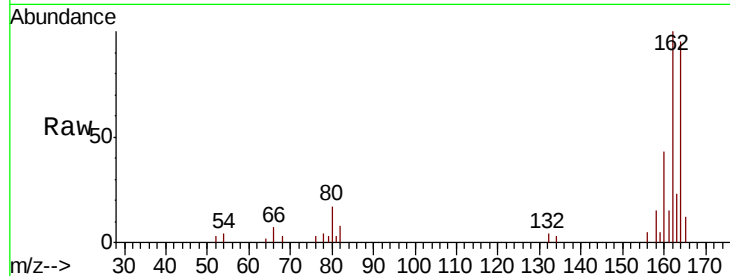




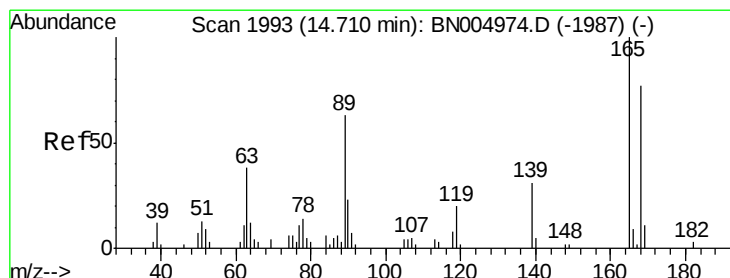
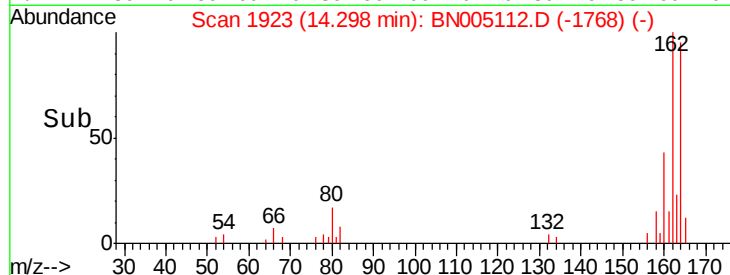
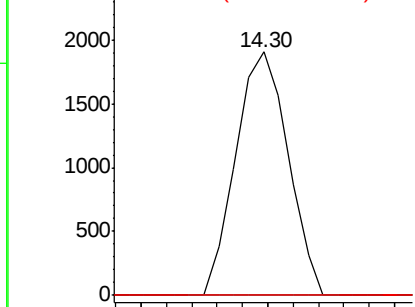
#51
 2,6-Dinitrotoluene
 Concen: 6.884 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. 0.38 min
 Lab File: BN005112.D
 Acq: 05 Apr 2019 02:22

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

Tgt Ion:165 Resp: 2727
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.3 55.9#
 89 0.0 39.2 58.8#

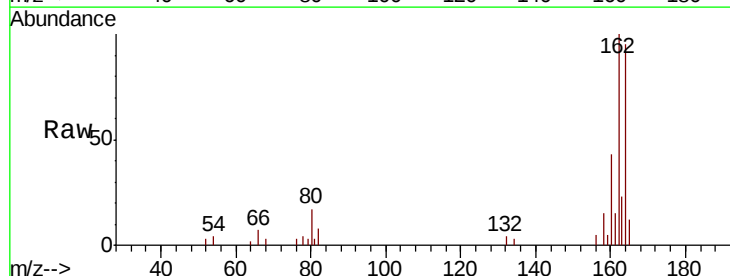


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

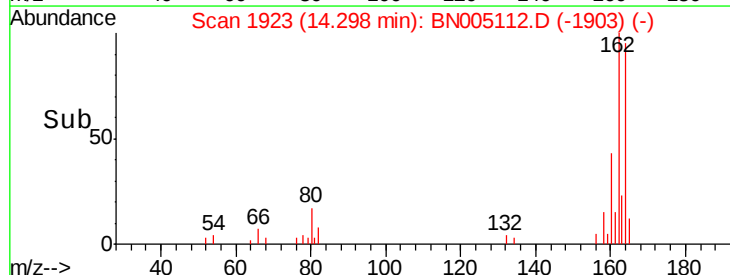
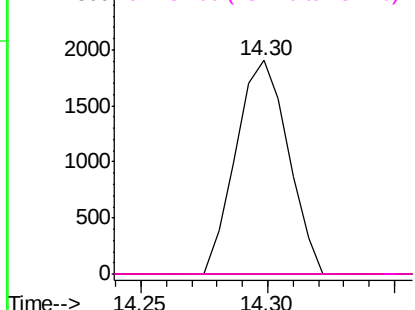


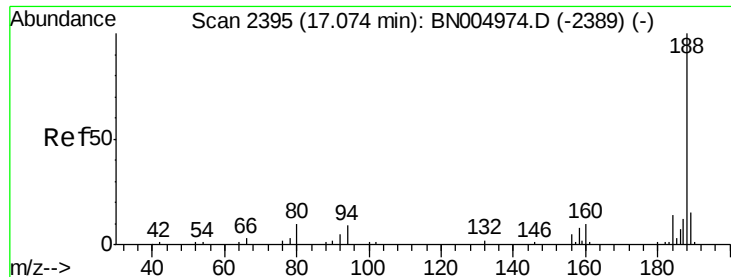
#57
 2,4-Dinitrotoluene
 Concen: 5.065 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.41 min
 Lab File: BN005112.D
 Acq: 05 Apr 2019 02:22

Tgt Ion:165 Resp: 2727
 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: BN005112.D

Acq: 05 Apr 2019 02:22

Instrument :

BNA_N

ClientSampleId :

CONCRETE-PILE-1-B

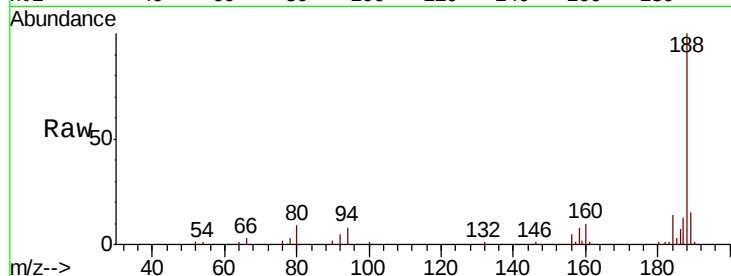
Tgt Ion:188 Resp: 45160

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

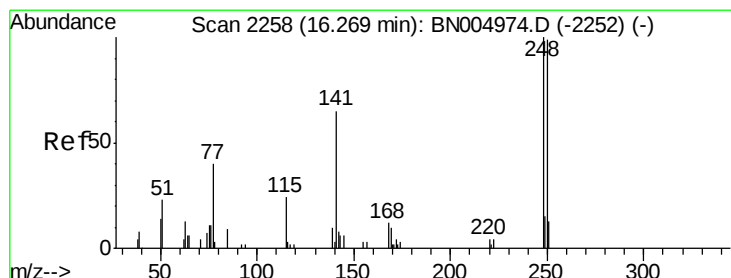
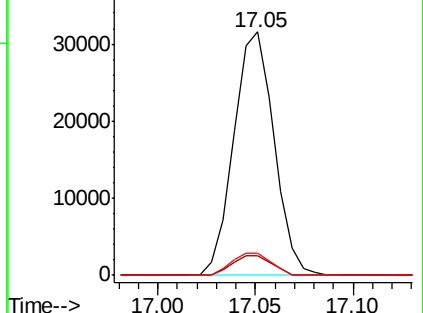
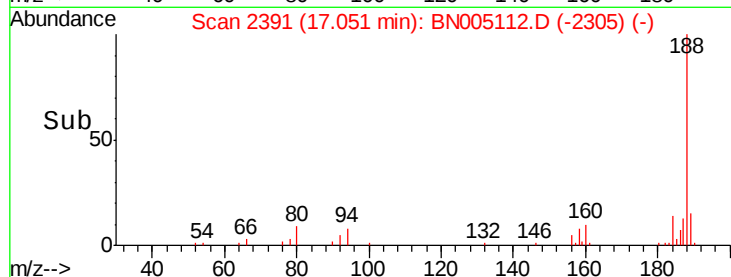
80 9.1 7.8 11.6



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: 3.592 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.47 min

Lab File: BN005112.D

Acq: 05 Apr 2019 02:22

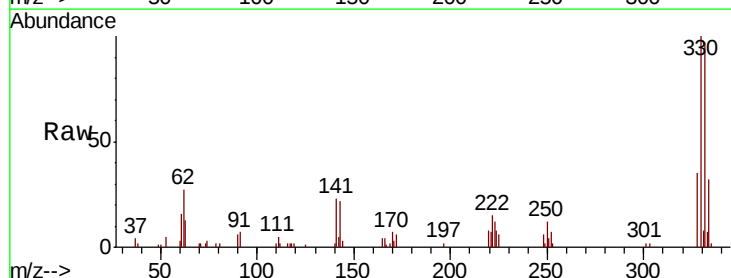
Tgt Ion:248 Resp: 2024

Ion Ratio Lower Upper

248 100

250 199.0 79.4 119.2#

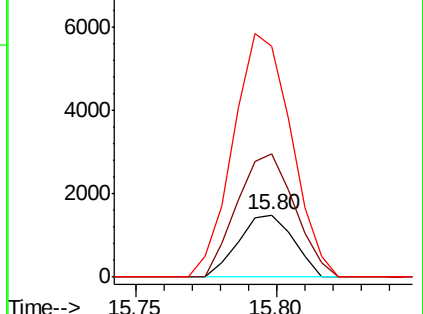
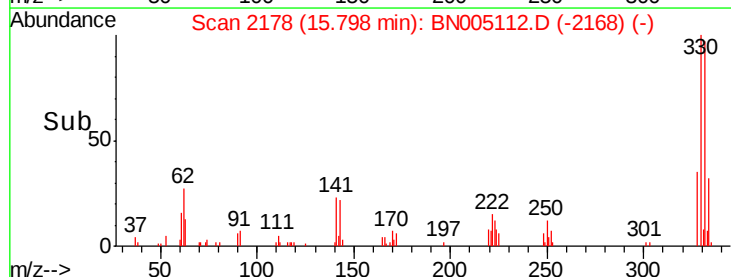
141 371.9 52.3 78.5#

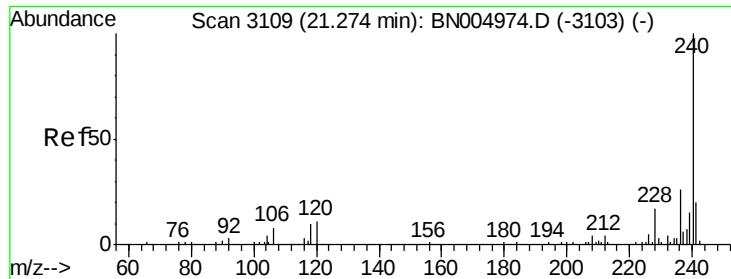


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

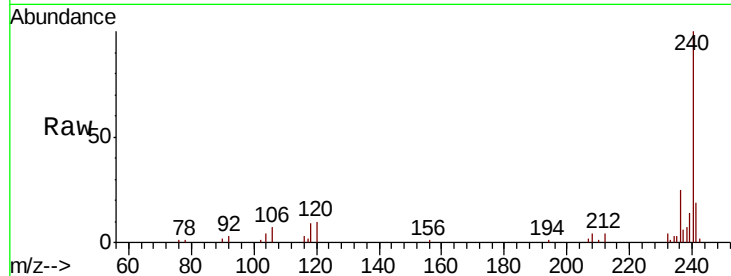




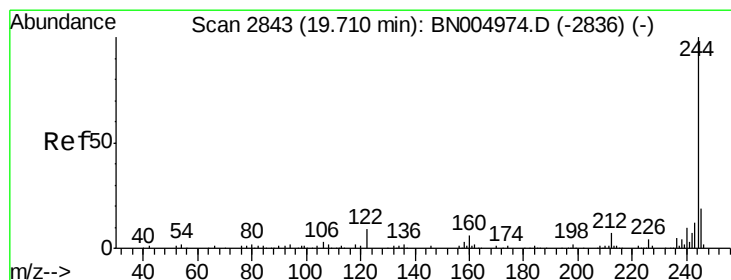
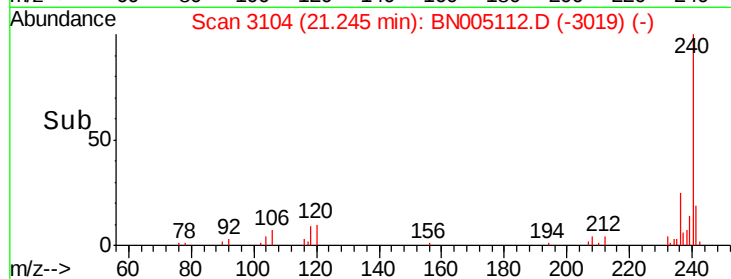
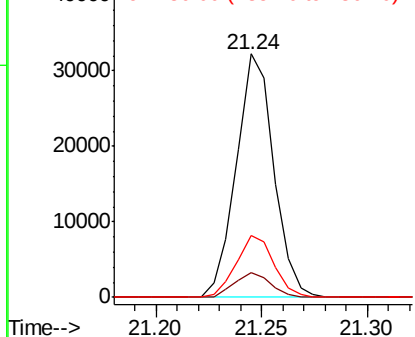
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BN005112.D
Acq: 05 Apr 2019 02:22

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

Tgt Ion:240 Resp: 39518
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.2 21.2 31.8

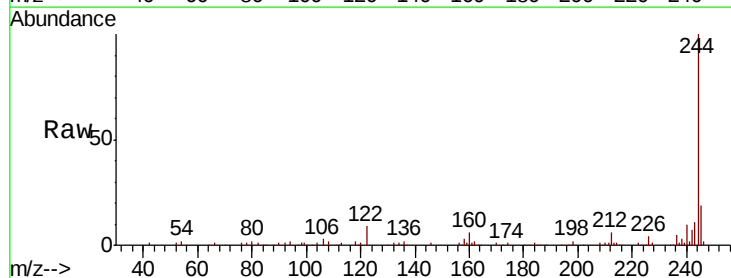


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

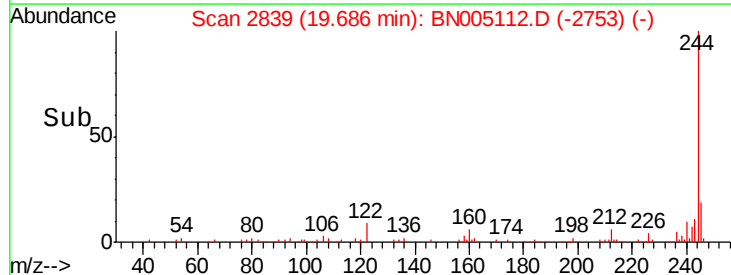
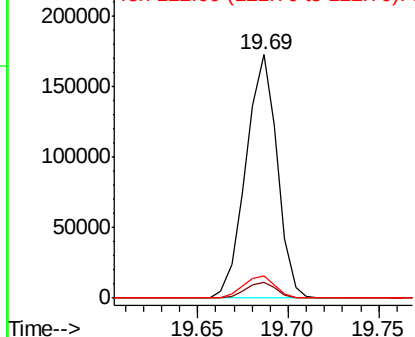


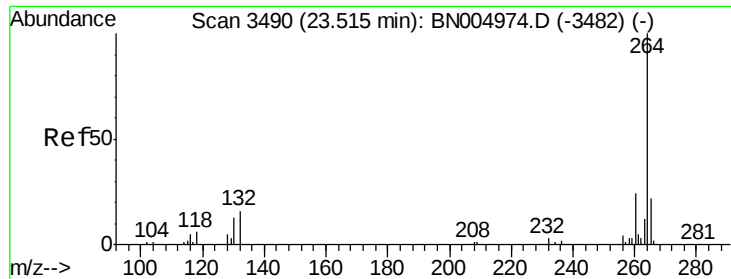
#79
Terphenyl-d14
Concen: 100.616 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005112.D
Acq: 05 Apr 2019 02:22

Tgt Ion:244 Resp: 206527
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 9.1 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

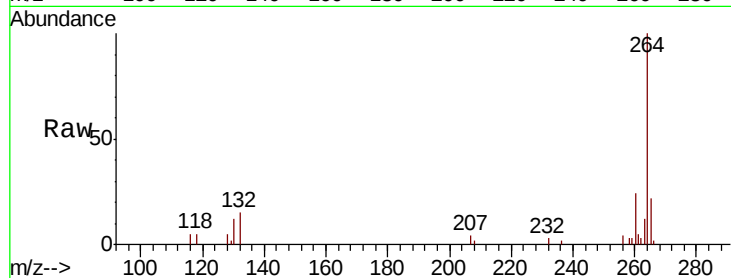




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. -0.04 min
Lab File: BN005112.D
Acq: 05 Apr 2019 02:22

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

Tgt Ion:264 Resp: 40599
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.9 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

