

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120921\
 Data File : BP008321.D
 Acq On : 09 Dec 2021 20:34
 Operator : CG/JU
 Sample : M4965-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RED-WALL-CONCRETE-GRAB-1

Quant Time: Dec 10 04:10:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 01:43:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

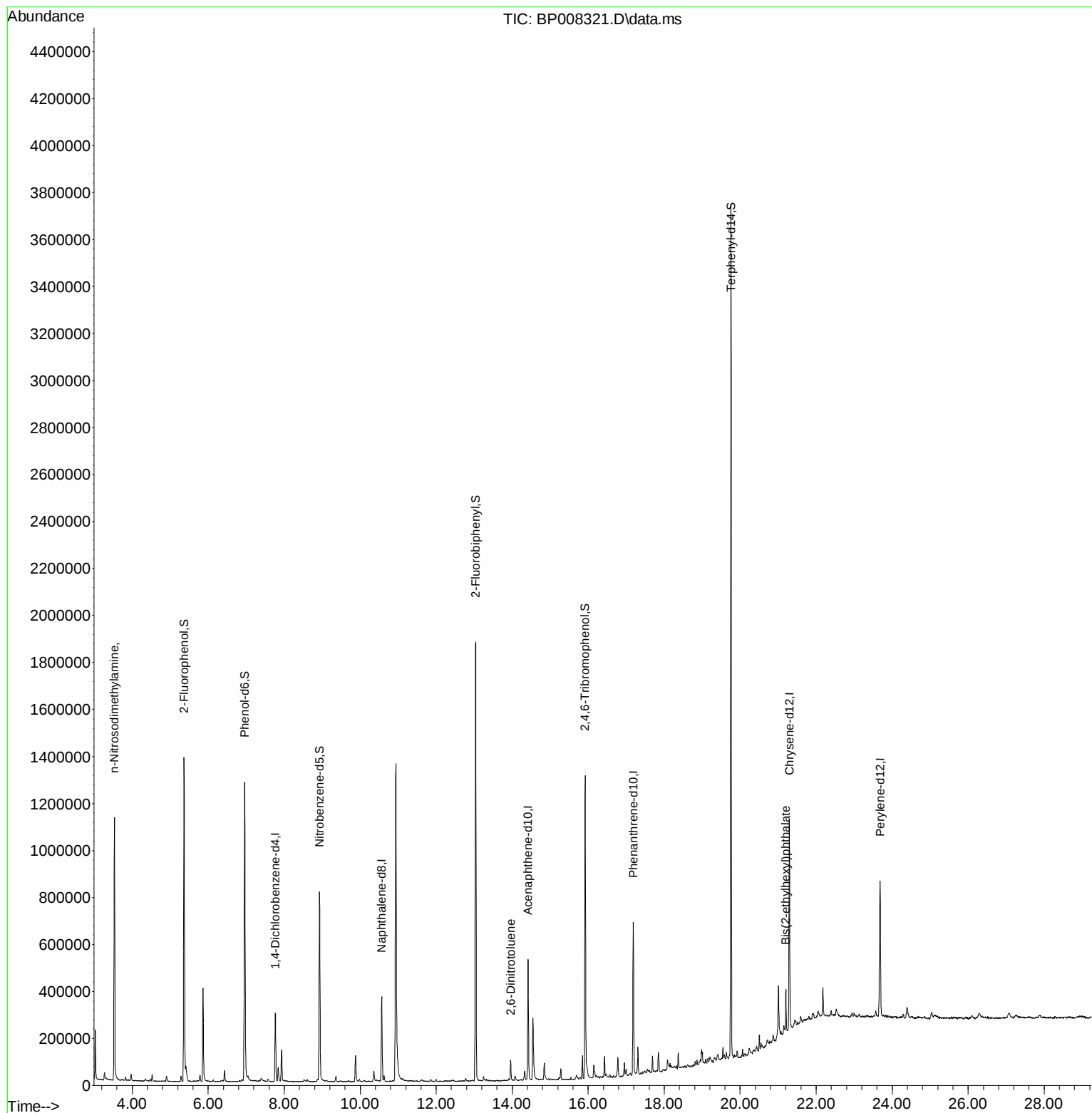
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	73804	20.00	ng	0.00
21) Naphthalene-d8	10.563	136	274579	20.00	ng	0.00
39) Acenaphthene-d10	14.422	164	178858	20.00	ng	0.00
64) Phenanthrene-d10	17.187	188	388165	20.00	ng	0.00
76) Chrysene-d12	21.292	240	428337	20.00	ng	0.00
86) Perylene-d12	23.680	264	468242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	536266	116.99	ng	0.00
7) Phenol-d6	6.958	99	713330	115.28	ng	0.00
23) Nitrobenzene-d5	8.928	82	480024	79.50	ng	-0.01
42) 2,4,6-Tribromophenol	15.922	330	243622	106.57	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	952566	77.36	ng	0.00
79) Terphenyl-d14	19.757	244	1633463	79.70	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.528	42	34775	14.61	ng	# 1
9) Benzaldehyde	6.964	77	2144	Below Cal		# 13
51) 2,6-Dinitrotoluene	13.957	165	11473	4.12	ng	# 22
78) Pyrene	19.569	202	3546	Below Cal		# 89
84) Bis(2-ethylhexyl)phtha...	21.204	149	53378	2.88	ng	# 97

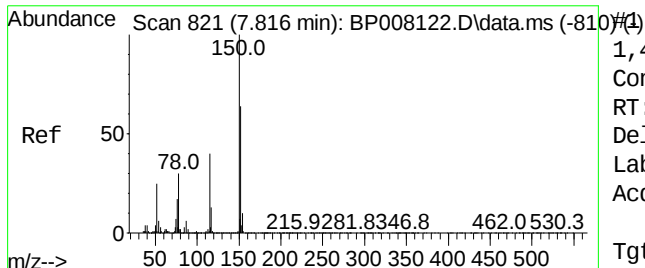
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 01:43:36 2021
Response via : Initial Calibration

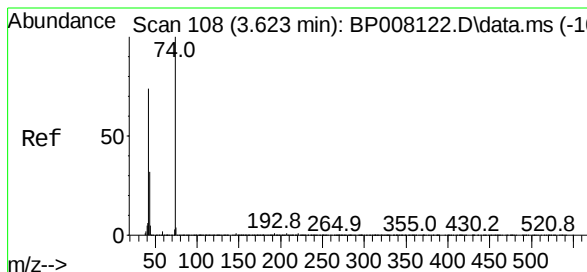
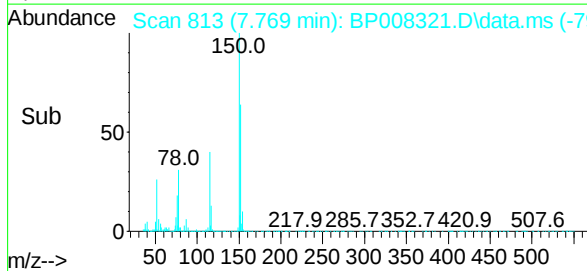
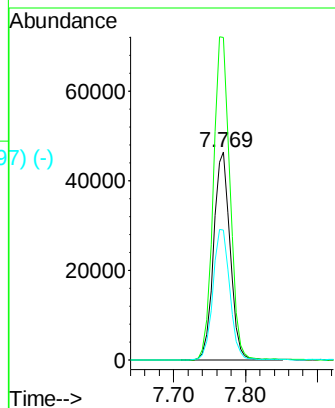
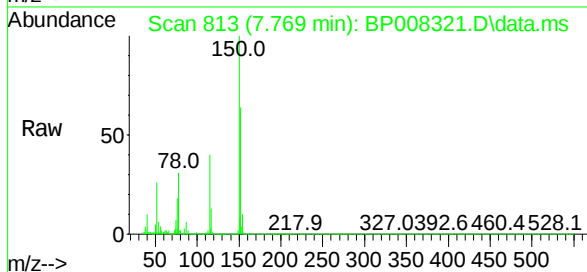




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP008321.D
 Acq: 09 Dec 2021 20:34

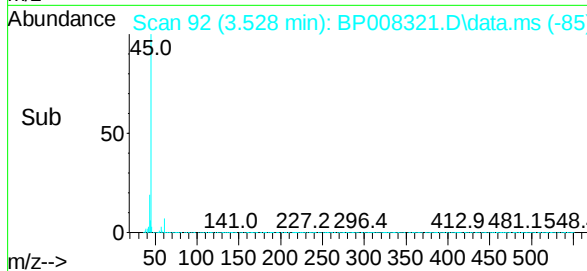
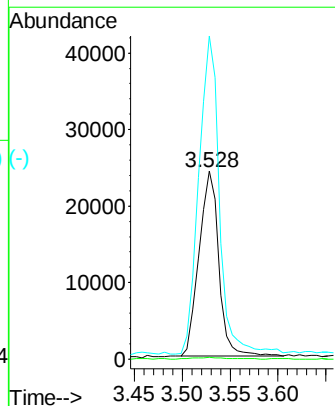
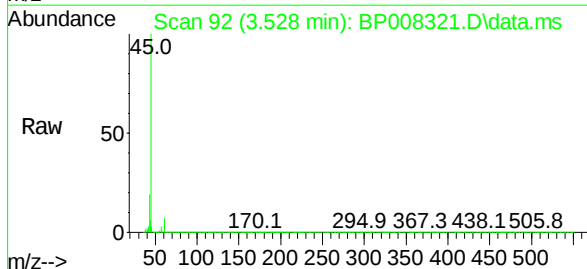
Instrument :
 BNA_P
 ClientSampleId :
 RED-WALL-CONCRETE-GRAB-1

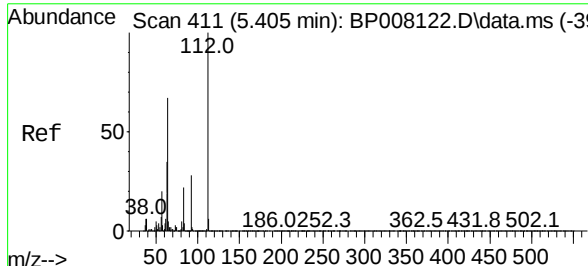
Tgt Ion: 152 Resp: 73804
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.7 188.5
 115 62.3 50.7 76.1



n-Nitrosodimethylamine
 Concen: 14.61 ng
 RT: 3.528 min Scan# 92
 Delta R.T. -0.059 min
 Lab File: BP008321.D
 Acq: 09 Dec 2021 20:34

Tgt Ion: 42 Resp: 34775
 Ion Ratio Lower Upper
 42 100
 74 1.1 108.0 162.0#
 44 171.8 5.8 8.6#





2-Fluorophenol

Concen: 116.99 ng

RT: 5.364 min Scan# 411

Delta R.T. -0.006 min

Lab File: BP008321.D

Acq: 09 Dec 2021 20:34

Instrument :

BNA_P

ClientSampleId :

RED-WALL-CONCRETE-GRAB-1

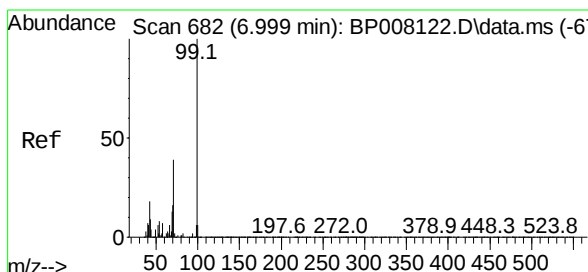
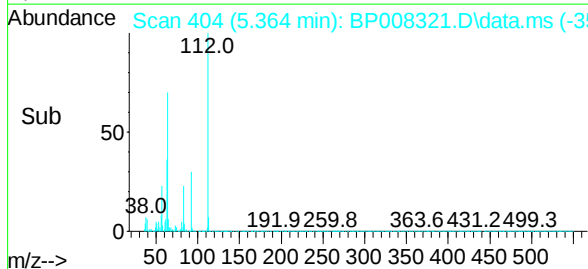
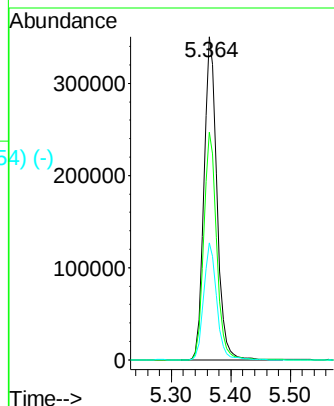
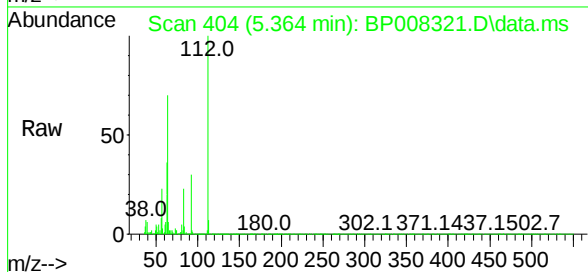
Tgt Ion:112 Resp: 536266

Ion Ratio Lower Upper

112 100

64 70.4 53.4 80.2

63 36.3 27.8 41.8



Phenol-d6

Concen: 115.28 ng

RT: 6.958 min Scan# 675

Delta R.T. -0.006 min

Lab File: BP008321.D

Acq: 09 Dec 2021 20:34

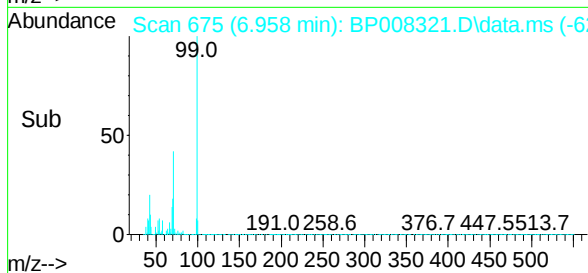
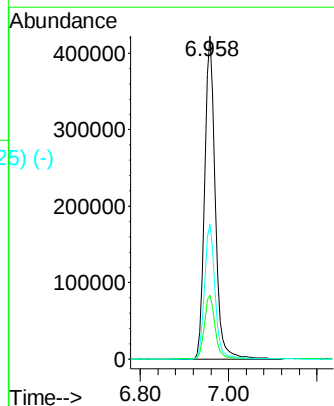
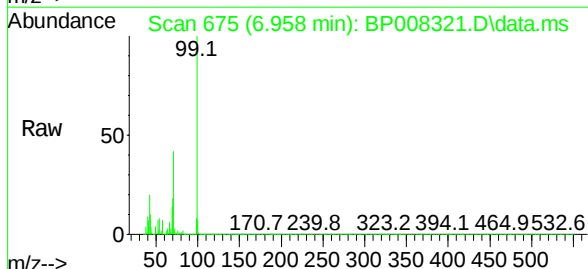
Tgt Ion: 99 Resp: 713330

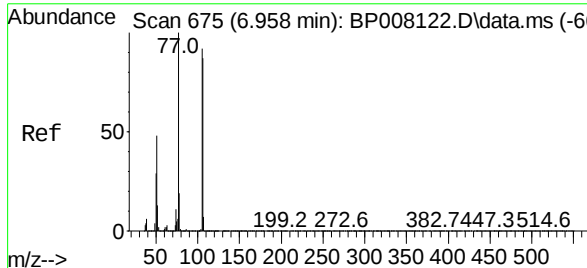
Ion Ratio Lower Upper

99 100

42 19.7 14.6 22.0

71 41.8 31.1 46.7





Benzaldehyde

Concen: Below Cal

RT: 6.964 min Scan# 1281

Delta R.T. 0.047 min

Lab File: BP008321.D

Acq: 09 Dec 2021 20:34

Instrument :

BNA_P

ClientSampleId :

RED-WALL-CONCRETE-GRAB-1

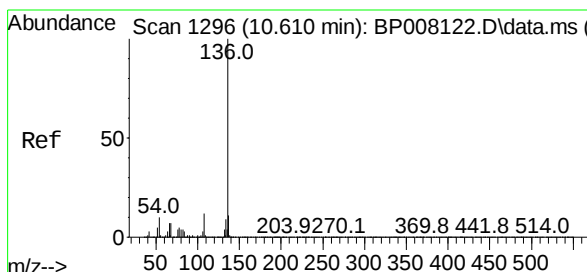
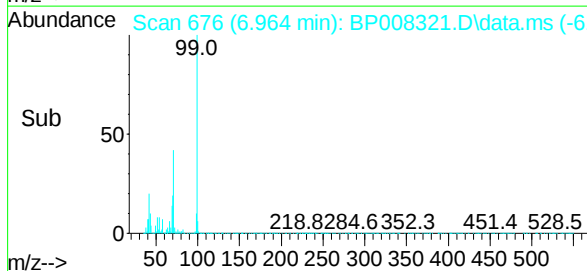
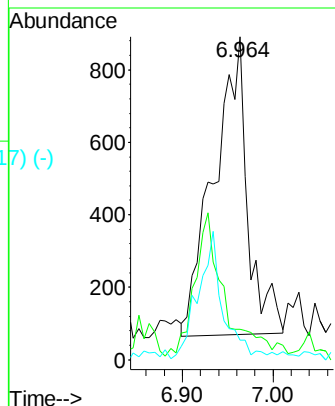
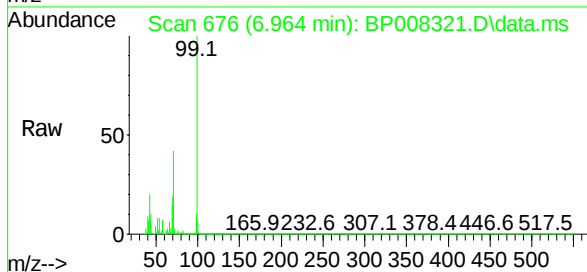
Tgt Ion: 77 Resp: 2144

Ion Ratio Lower Upper

77 100

105 9.5 71.8 111.8#

106 6.2 67.3 107.3#



Naphthalene-d8

Concen: 20.00 ng

RT: 10.563 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BP008321.D

Acq: 09 Dec 2021 20:34

Tgt Ion:136 Resp: 274579

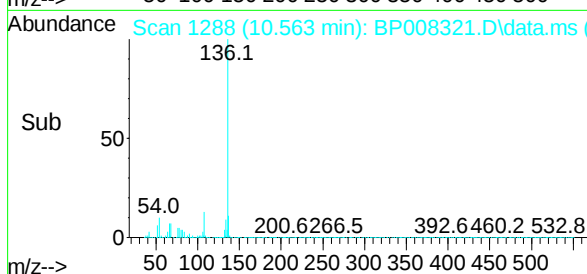
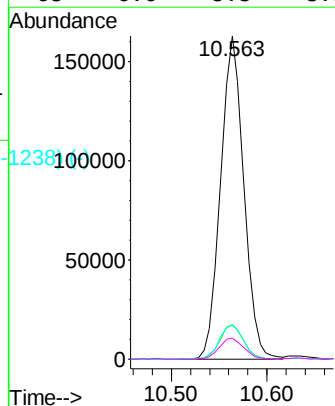
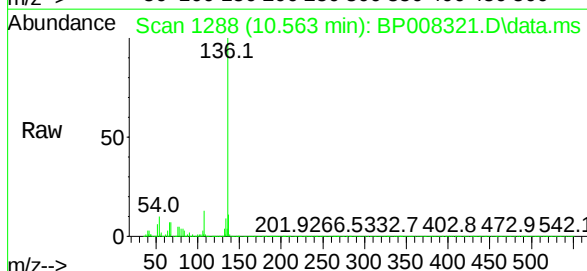
Ion Ratio Lower Upper

136 100

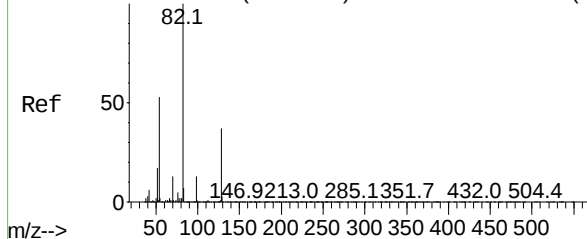
137 10.6 9.0 13.6

54 10.4 8.2 12.4

68 6.6 5.8 8.8



Abundance Scan 1018 (8.975 min): BP008122.D\data.ms (-1033)



Nitrobenzene-d5

Concen: 79.50 ng

RT: 8.928 min Scan#

Delta R.T. -0.012 min

Lab File: BP008321.D

Acq: 09 Dec 2021 20:34

Instrument :

BNA_P

ClientSampleId :

RED-WALL-CONCRETE-GRAB-1

Tgt Ion: 82 Resp: 480024

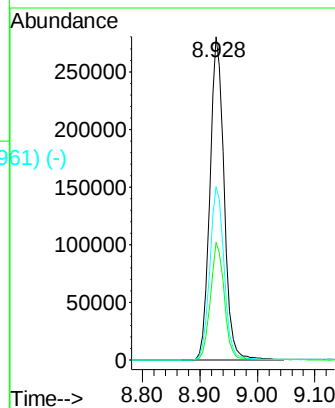
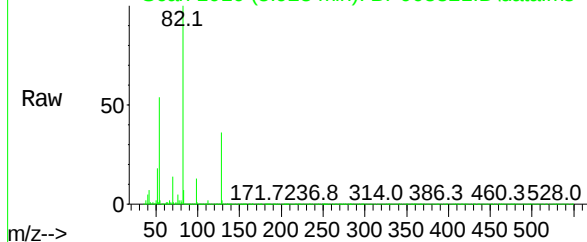
Ion Ratio Lower Upper

82 100

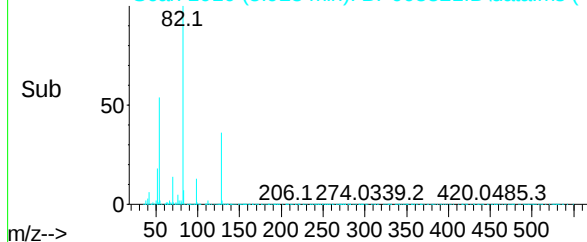
128 36.5 29.6 44.4

54 53.7 42.7 64.1

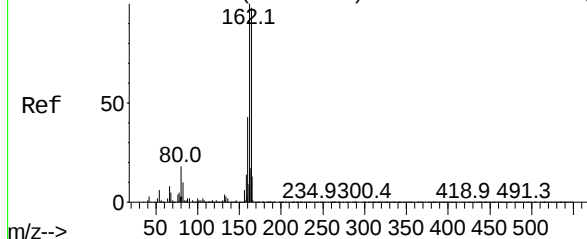
Abundance Scan 1010 (8.928 min): BP008321.D\data.ms



Abundance Scan 1010 (8.928 min): BP008321.D\data.ms (-961) (-)



Abundance Scan 1950 (14.457 min): BP008122.D\data.ms (-1938) (-)



Acenaphthene-d10

Concen: 20.00 ng

RT: 14.422 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BP008321.D

Acq: 09 Dec 2021 20:34

Tgt Ion:164 Resp: 178858

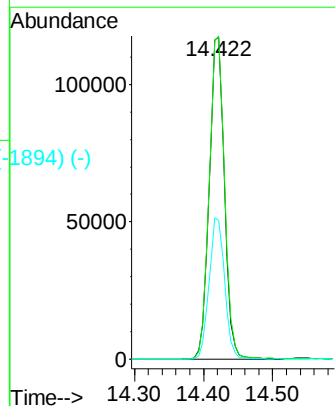
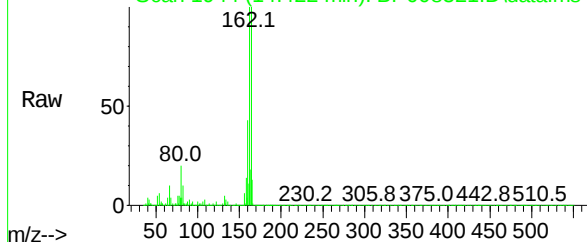
Ion Ratio Lower Upper

164 100

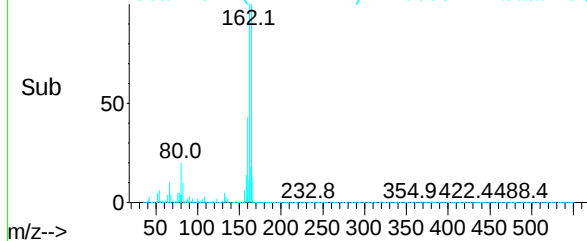
162 100.3 81.9 122.9

160 43.1 35.4 53.0

Abundance Scan 1944 (14.422 min): BP008321.D\data.ms



Abundance Scan 1944 (14.422 min): BP008321.D\data.ms (-1894) (-)



Abundance Scan 2205 (15.957 min): BP008122.D\data.ms (-2196)

2,4,6-Tribromophenol

Concen: 106.57 ng

RT: 15.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008321.D

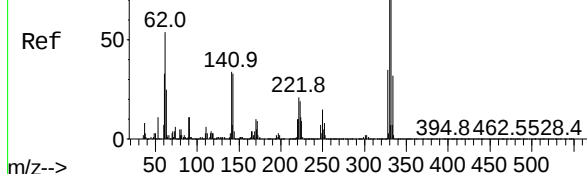
Acq: 09 Dec 2021 20:34

Instrument :

BNA_P

ClientSampleId :

RED-WALL-CONCRETE-GRAB-1



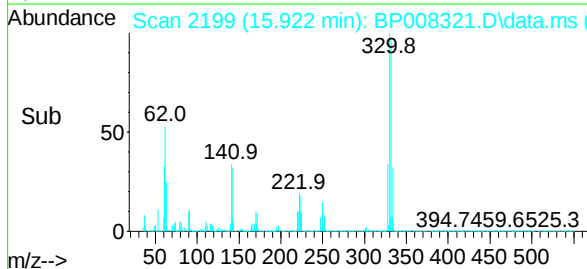
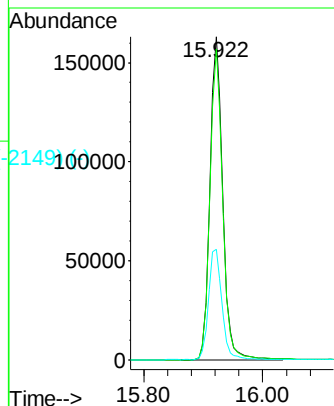
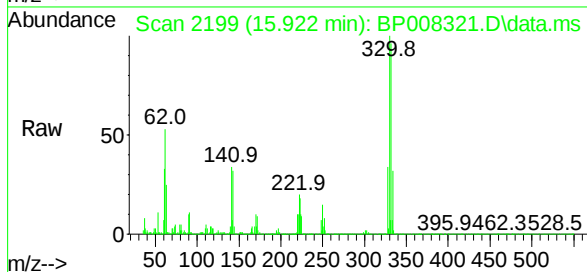
Tgt Ion:330 Resp: 243622

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.4

141 36.1 28.4 42.6



Abundance Scan 1716 (13.081 min): BP008122.D\data.ms (-1705)

2-Fluorobiphenyl

Concen: 77.36 ng

RT: 13.040 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BP008321.D

Acq: 09 Dec 2021 20:34

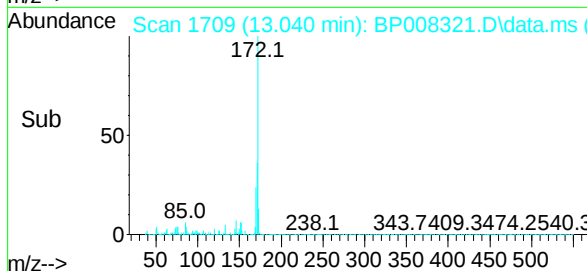
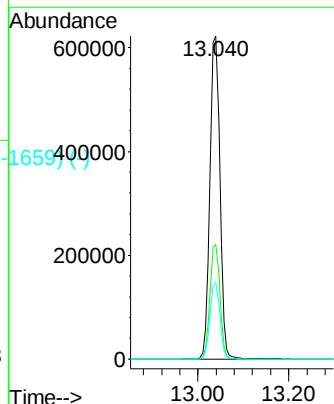
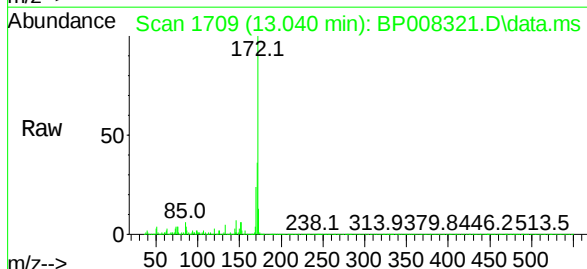
Tgt Ion:172 Resp: 952566

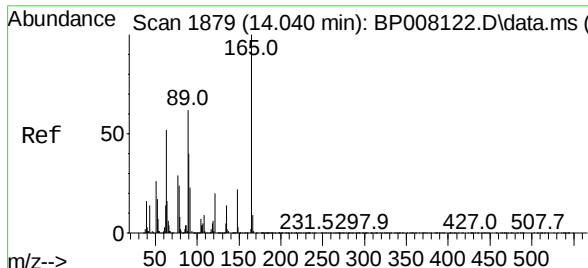
Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 23.7 18.9 28.3

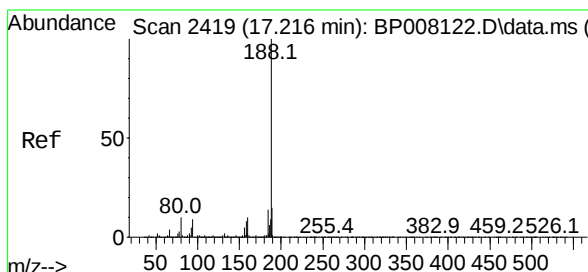
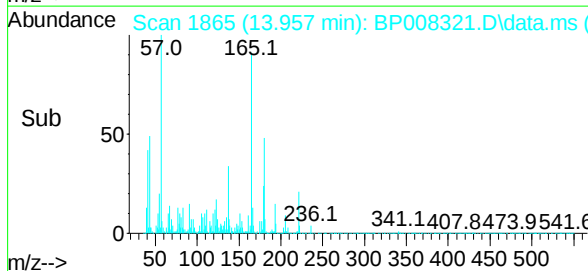
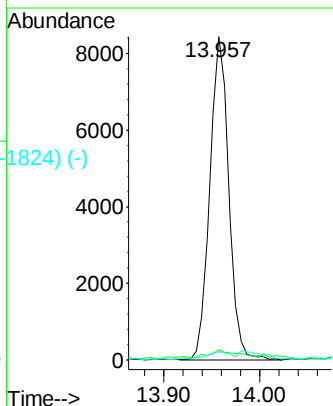
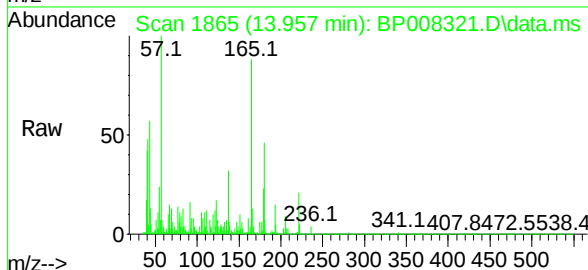




2,6-Dinitrotoluene
Concen: 4.12 ng
RT: 13.957 min Scan# 1879
Delta R.T. -0.059 min
Lab File: BP008321.D
Acq: 09 Dec 2021 20:34

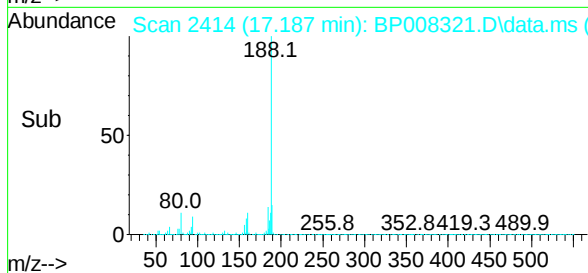
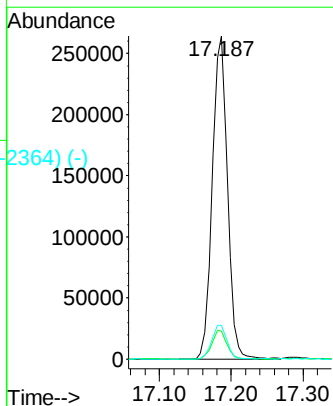
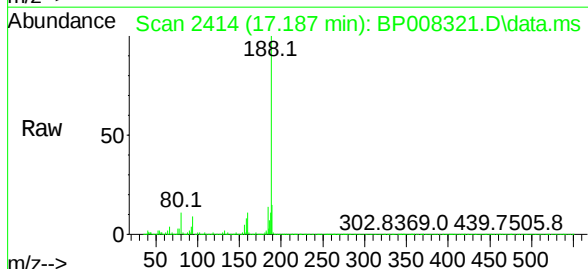
Instrument :
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RED-WALL-CONCRETE-GRAB-1

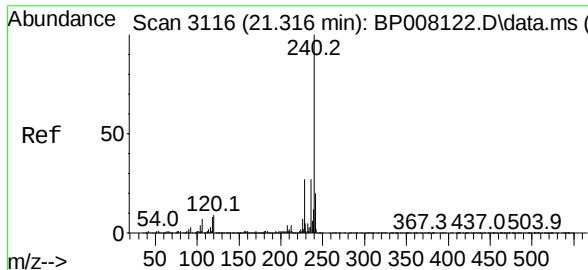
Tgt Ion:	165	Resp:	11473
Ion Ratio	Lower	Upper	
165	100		
63	3.1	50.8	76.2#
89	2.6	50.0	75.0#



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.187 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP008321.D
Acq: 09 Dec 2021 20:34

Tgt Ion:	188	Resp:	388165
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.2	10.8
80	10.5	8.2	12.4





Chrysene-d12

Concen: 20.00 ng

RT: 21.292 min Scan#

Delta R.T. -0.006 min

Lab File: BP008321.D

Acq: 09 Dec 2021 20:34

Instrument :

BNA_P

ClientSampleId :

RED-WALL-CONCRETE-GRAB-1

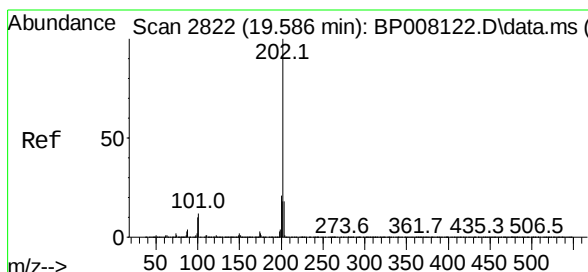
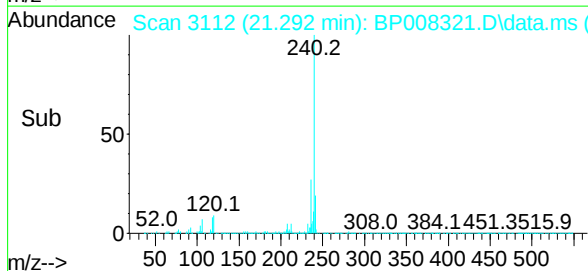
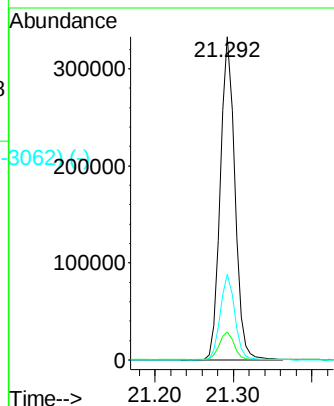
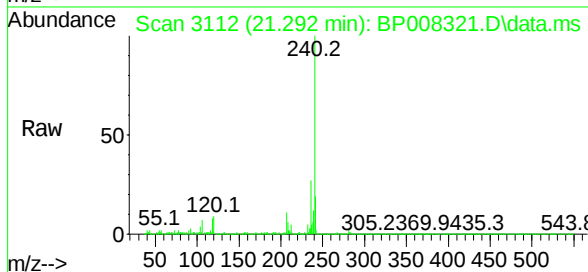
Tgt Ion:240 Resp: 428337

Ion Ratio Lower Upper

240 100

120 8.6 7.3 10.9

236 26.6 21.4 32.2



Pyrene

Concen: Below Cal

RT: 19.569 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BP008321.D

Acq: 09 Dec 2021 20:34

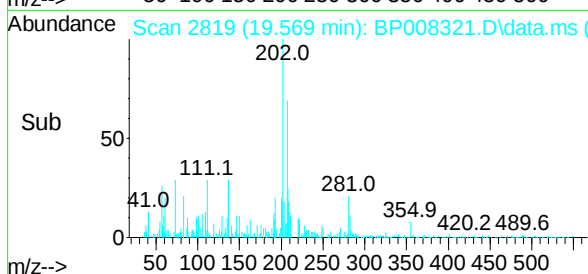
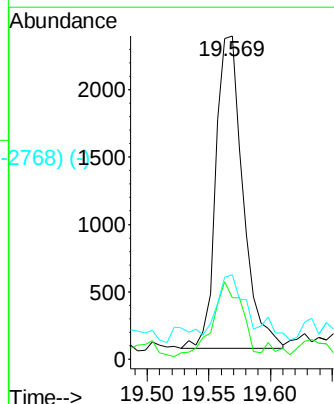
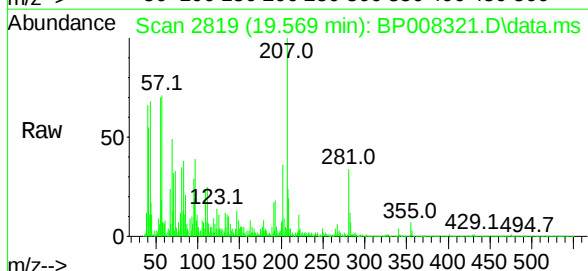
Tgt Ion:202 Resp: 3546

Ion Ratio Lower Upper

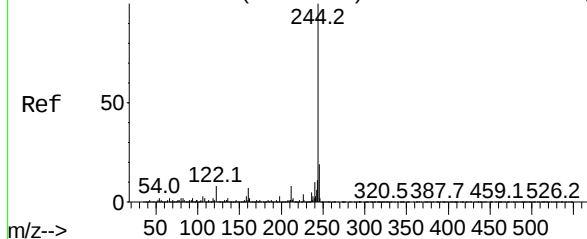
202 100

200 19.1 17.1 25.7

203 26.0 14.2 21.2#



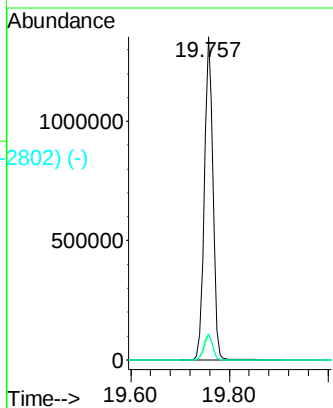
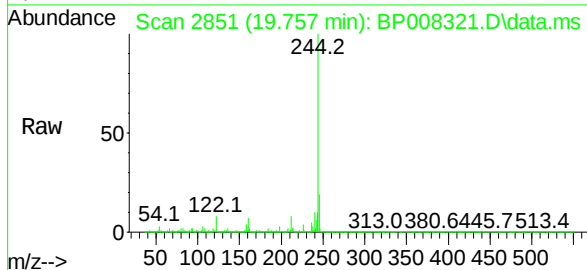
Abundance Scan 2856 (19.786 min): BP008122.D\data.ms (-2879) (-)



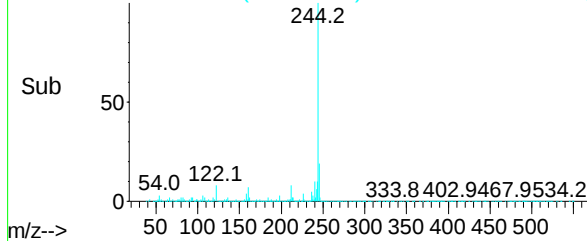
Terphenyl-d14
Concen: 79.70 ng
RT: 19.757 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008321.D
Acq: 09 Dec 2021 20:34

Instrument :
BNA_P
ClientSampleId :
RED-WALL-CONCRETE-GRAB-1

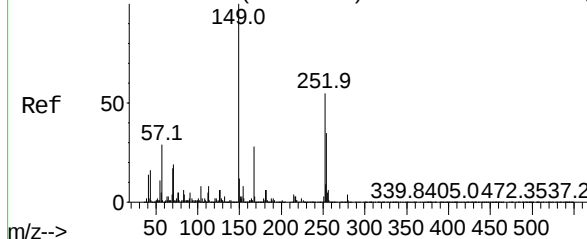
Tgt Ion:244 Resp: 1633463
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 8.1 6.6 9.8



Abundance Scan 2851 (19.757 min): BP008321.D\data.ms (-2802) (-)

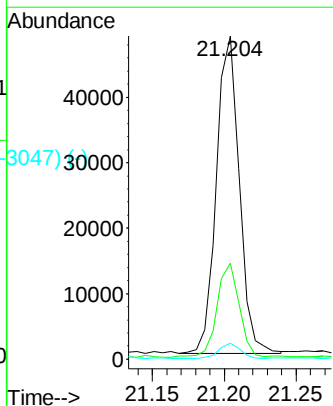
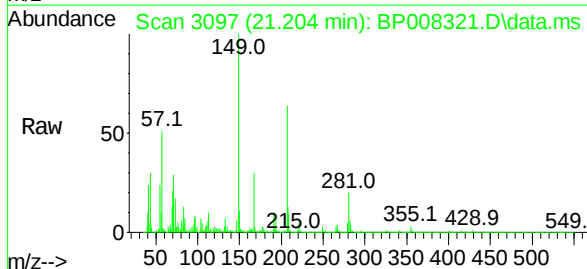


Abundance Scan 3101 (21.227 min): BP008122.D\data.ms (-3082) (-)

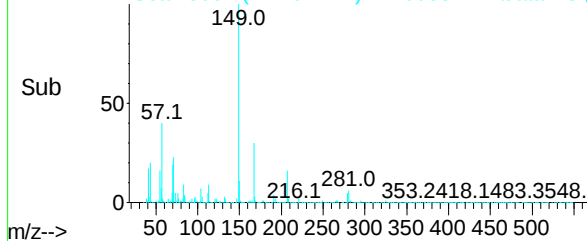


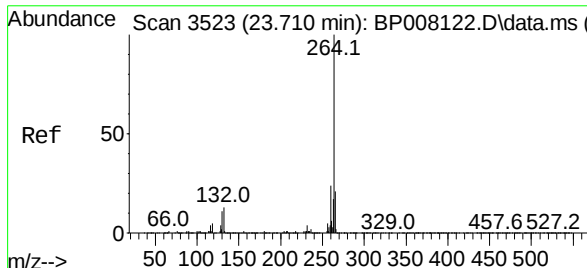
Bis(2-ethylhexyl)phthalate
Concen: 2.88 ng
RT: 21.204 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP008321.D
Acq: 09 Dec 2021 20:34

Tgt Ion:149 Resp: 53378
Ion Ratio Lower Upper
149 100
167 29.7 22.5 33.7
279 5.0 3.5 5.3



Abundance Scan 3097 (21.204 min): BP008321.D\data.ms (-3047) (-)





Perylene-d12
 Concen: 20.00 ng
 RT: 23.680 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BP008321.D
 Acq: 09 Dec 2021 20:34

Instrument :
 BNA_P
 ClientSampleId :
 RED-WALL-CONCRETE-GRAB-1

Tgt Ion:	264	Resp:	468242
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	17.6	26.4

