

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
 Data File : BF130488.D
 Acq On : 30 Sep 2022 17:15
 Operator : CG\JU
 Sample : N4897-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-10RE

Quant Time: Oct 01 01:36:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

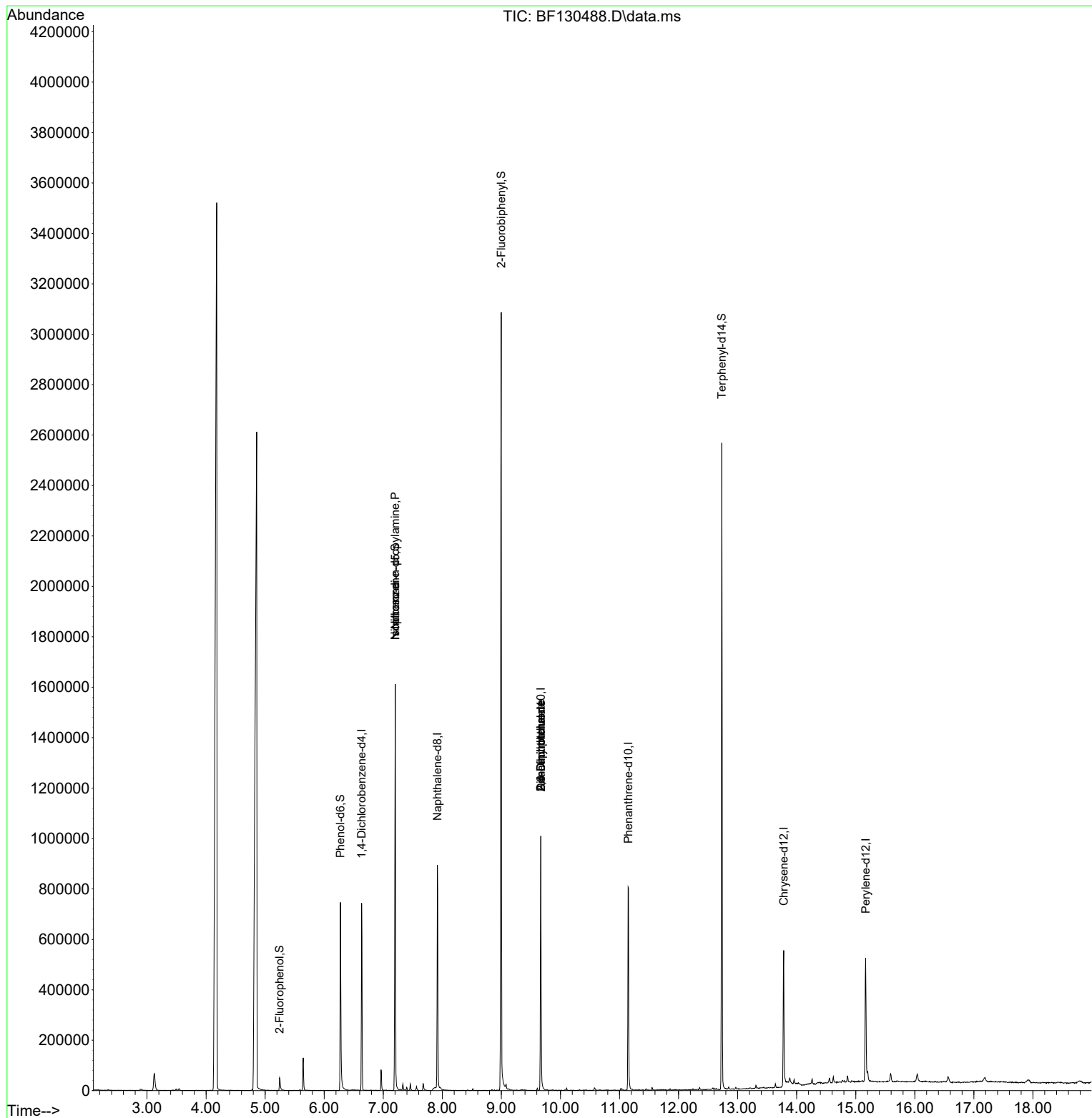
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	106458	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	410682	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	204847	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	329968	20.000	ng	0.00
76) Chrysene-d12	13.780	240	191260	20.000	ng	-0.01
86) Perylene-d12	15.168	264	222507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	19130	3.117	ng	0.00
7) Phenol-d6	6.275	99	252896	32.930	ng	-0.02
23) Nitrobenzene-d5	7.204	82	493075	61.338	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	133	0.068	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	940807	66.879	ng	-0.01
79) Terphenyl-d14	12.733	244	815002	70.587	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	66110	12.757	ng	# 71
25) Isophorone	7.204	82	493067	38.056	ng	# 66
50) Dimethylphthalate	9.669	163	37081	2.621	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	27065	9.146	ng	# 15
57) 2,4-Dinitrotoluene	9.669	165	27066	7.156	ng	# 15

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

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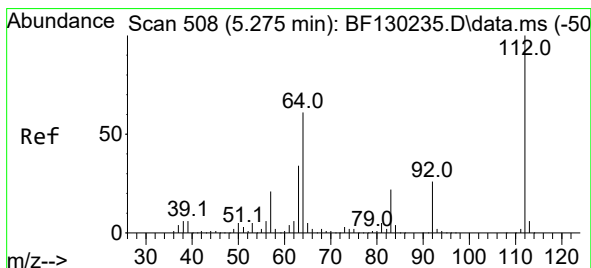
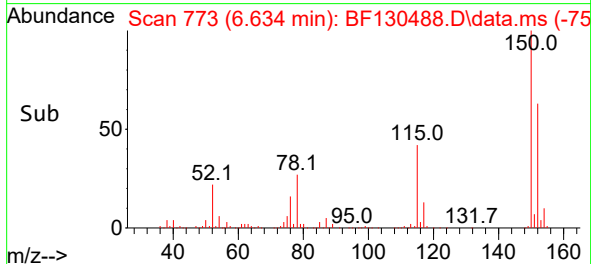
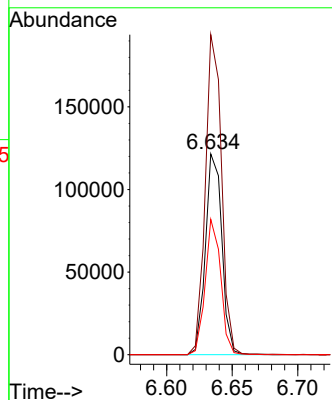
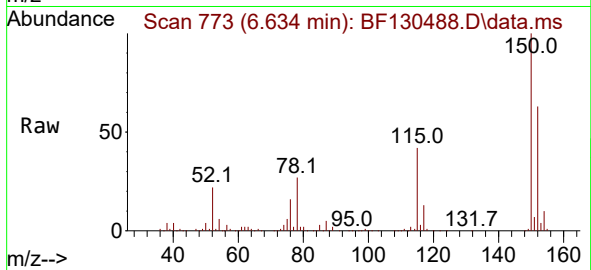




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130488.D
 Acq: 30 Sep 2022 17:15

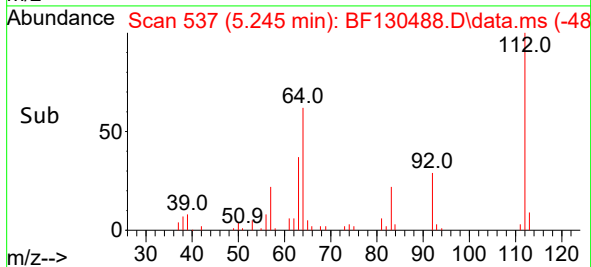
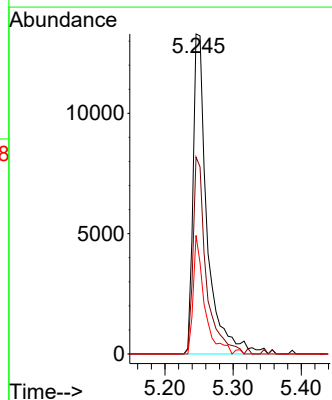
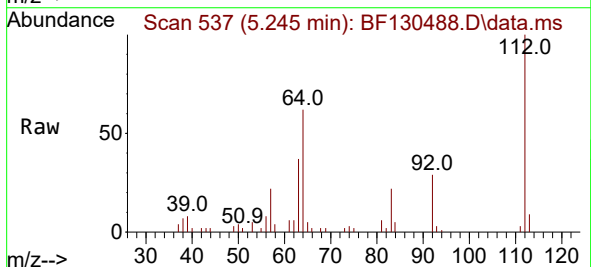
Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-10RE

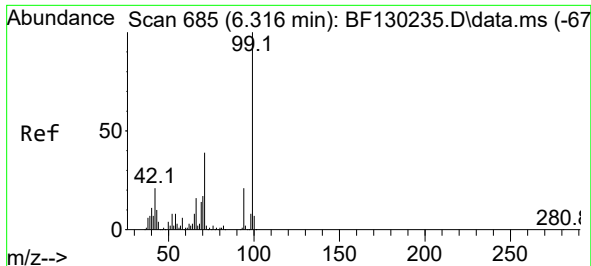
Tgt Ion:152 Resp: 106458
 Ion Ratio Lower Upper
 152 100
 150 159.3 122.8 184.2
 115 67.4 53.8 80.8



#5
 2-Fluorophenol
 Concen: 3.117 ng
 RT: 5.245 min Scan# 537
 Delta R.T. -0.000 min
 Lab File: BF130488.D
 Acq: 30 Sep 2022 17:15

Tgt Ion:112 Resp: 19130
 Ion Ratio Lower Upper
 112 100
 64 61.6 51.4 77.0
 63 37.0 28.8 43.2

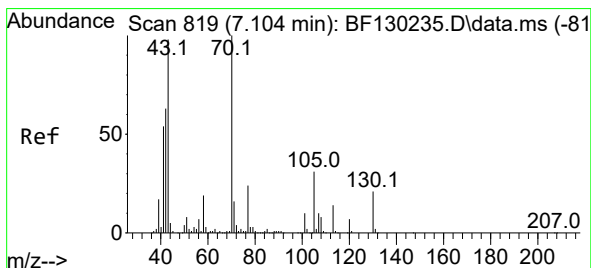
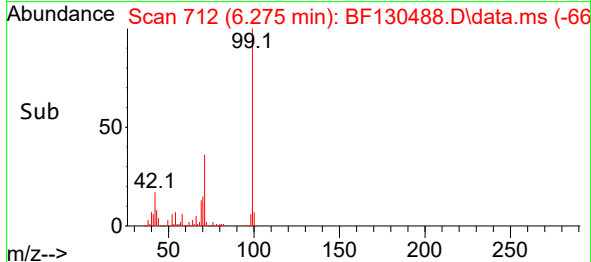
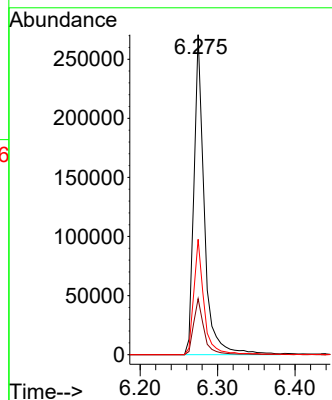
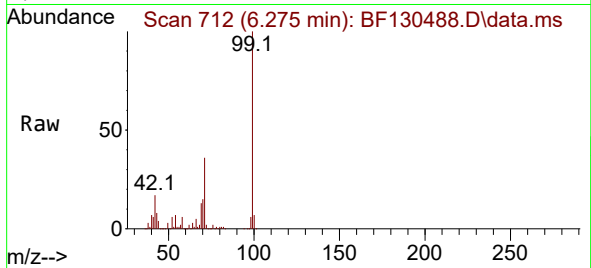




#7
Phenol-d6
Concen: 32.930 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

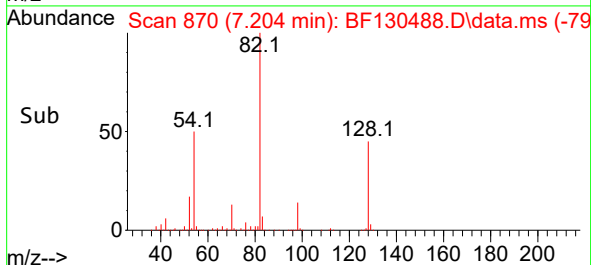
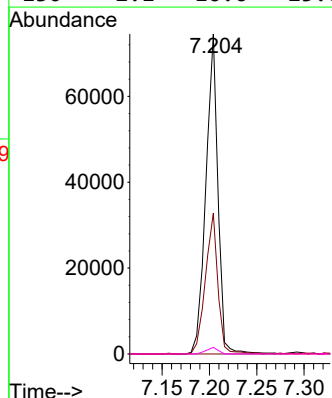
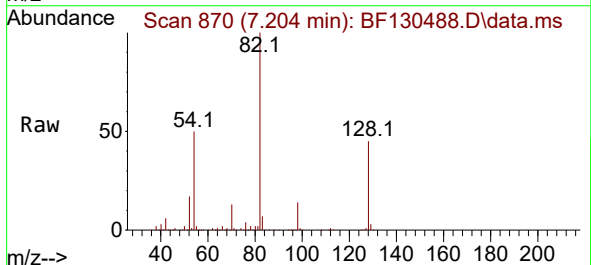
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-10RE

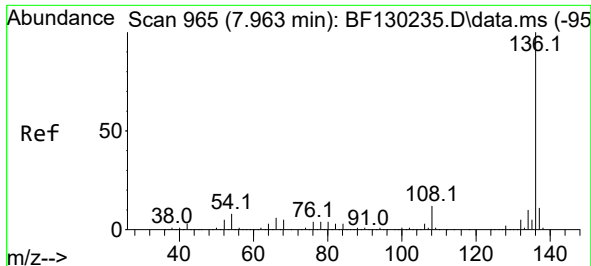
Tgt Ion: 99 Resp: 252896
Ion Ratio Lower Upper
99 100
42 17.5 17.0 25.6
71 36.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.757 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

Tgt Ion: 70 Resp: 66110
Ion Ratio Lower Upper
70 100
42 44.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

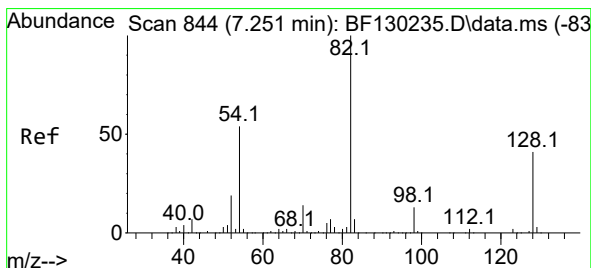
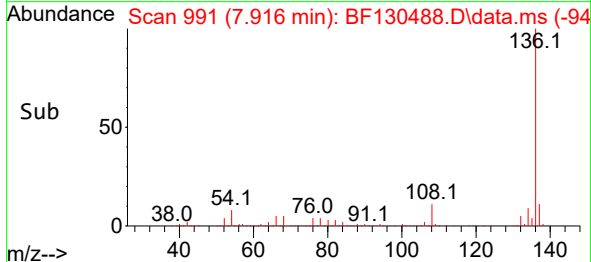
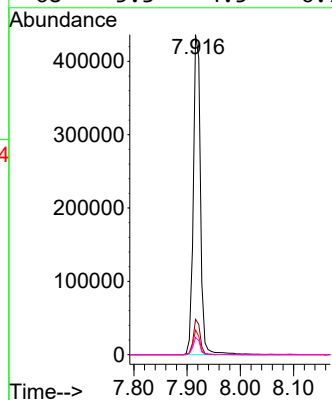
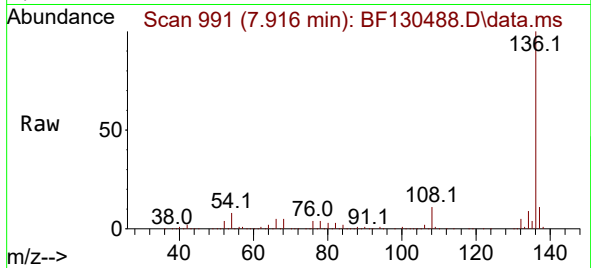




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

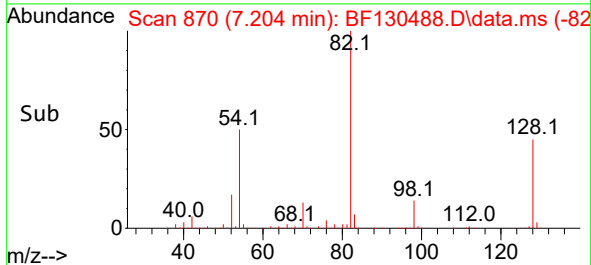
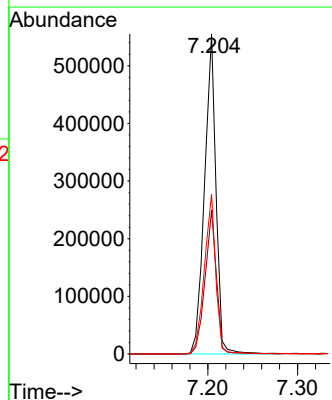
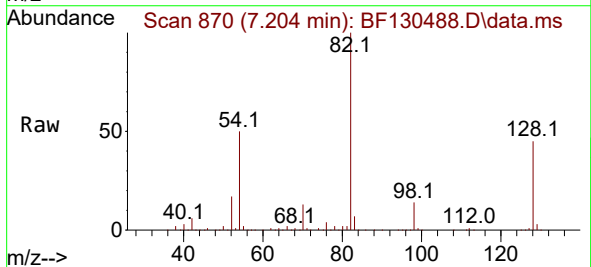
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-10RE

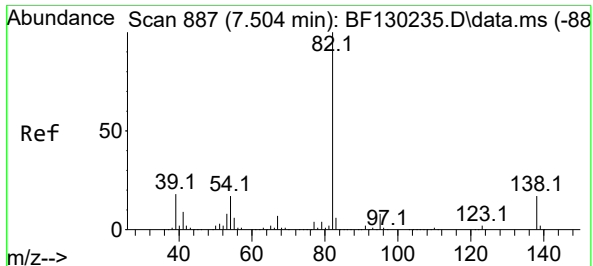
Tgt Ion:136 Resp: 410682
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.7 7.1 10.7
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 61.338 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

Tgt Ion: 82 Resp: 493075
Ion Ratio Lower Upper
82 100
128 44.9 32.6 49.0
54 50.0 43.8 65.6

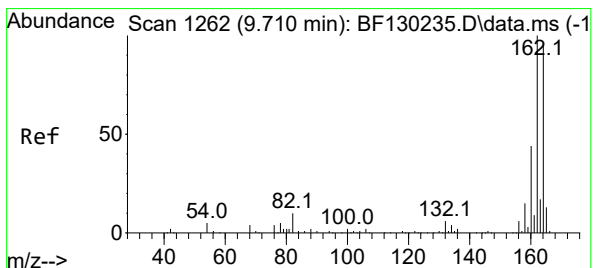
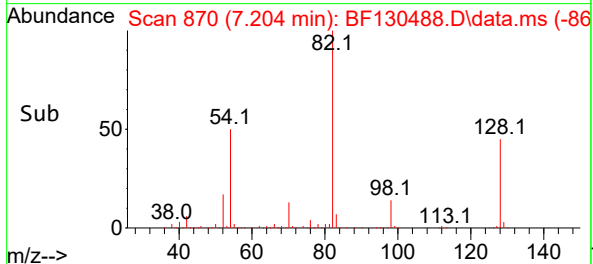
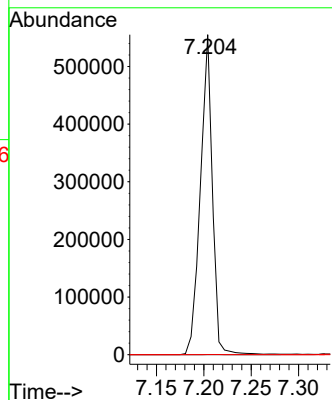
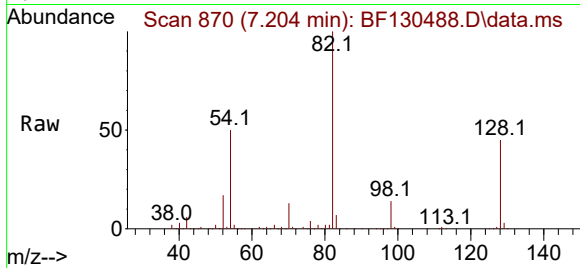




#25
Isophorone
Concen: 38.056 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

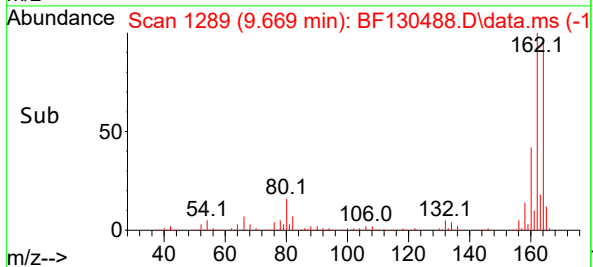
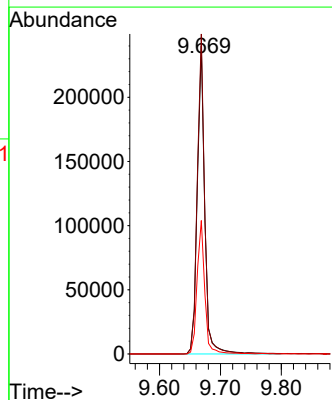
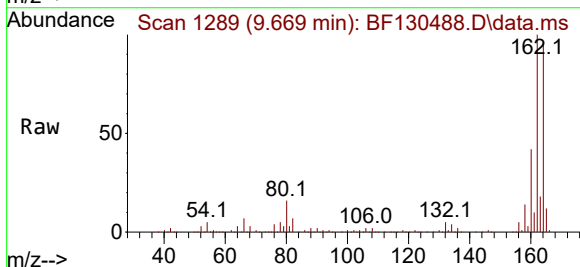
Instrument :
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ClientSampleId :
CRUSHED-MASONRY-PILE-10RE

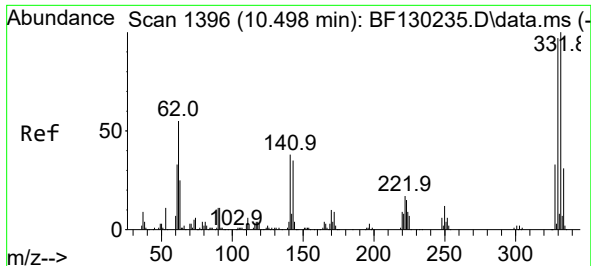
Tgt Ion: 82 Resp: 493067
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

Tgt Ion:164 Resp: 204847
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 43.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 0.068 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130488.D

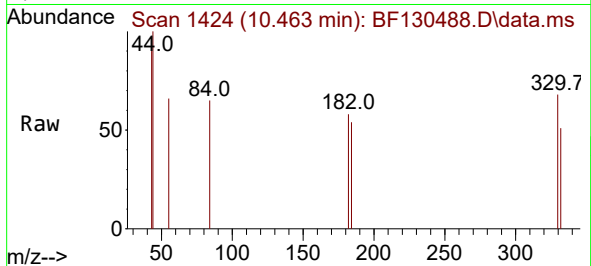
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Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-10RE



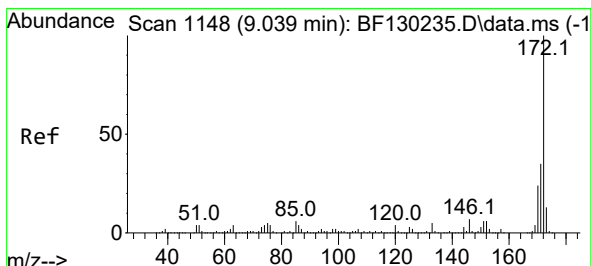
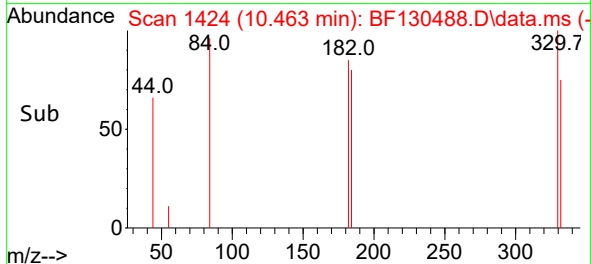
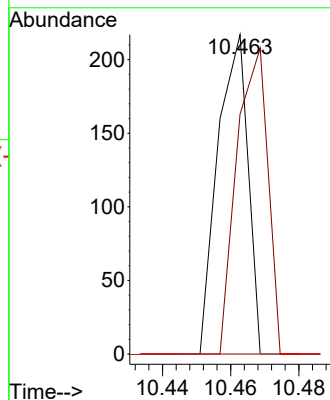
Tgt Ion:330 Resp: 133

Ion Ratio Lower Upper

330 100

332 98.5 83.4 125.2

141 0.0 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 66.879 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130488.D

Acq: 30 Sep 2022 17:15

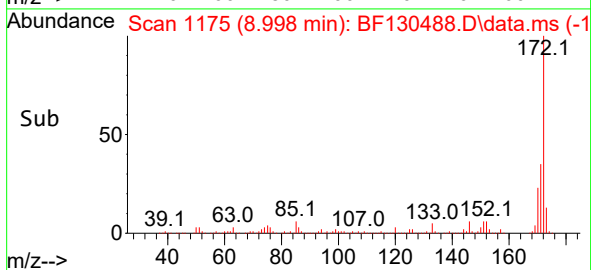
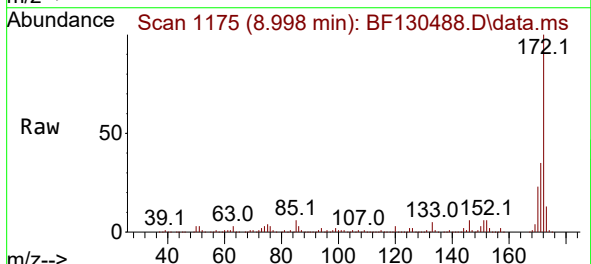
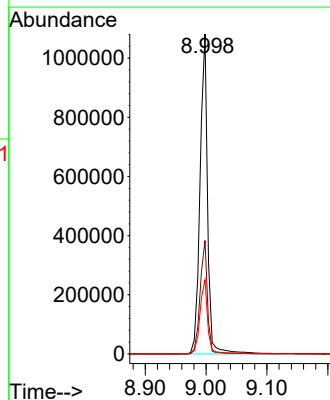
Tgt Ion:172 Resp: 940807

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 18.7 28.1

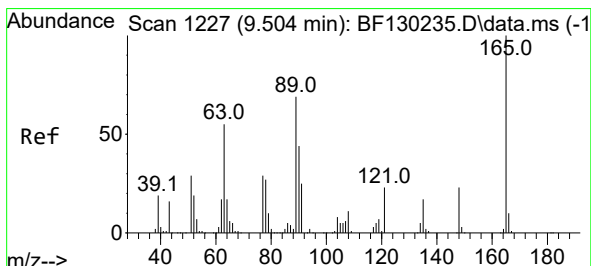
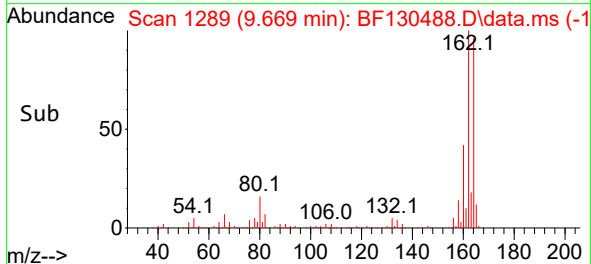
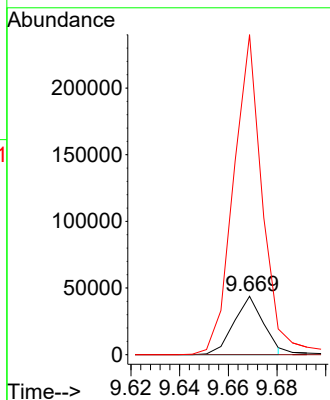
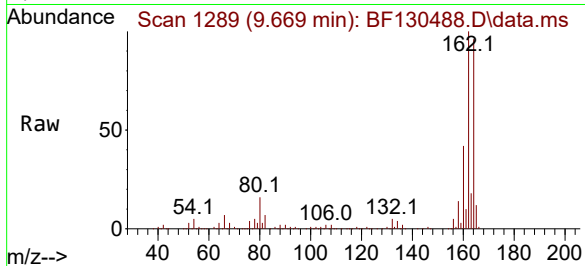




#50
Dimethylphthalate
Concen: 2.621 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.253 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

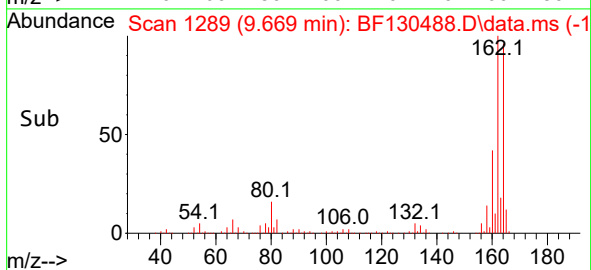
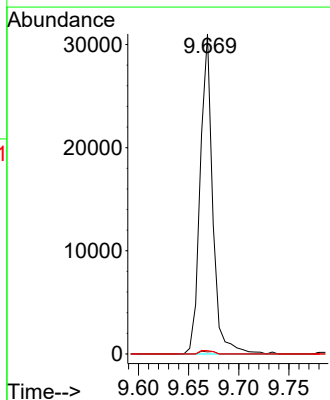
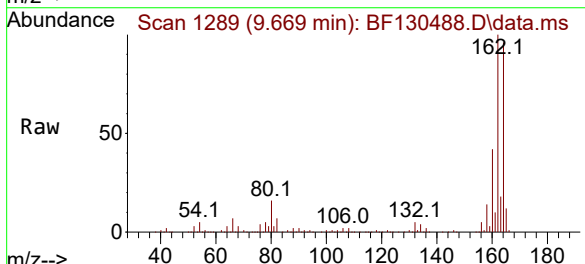
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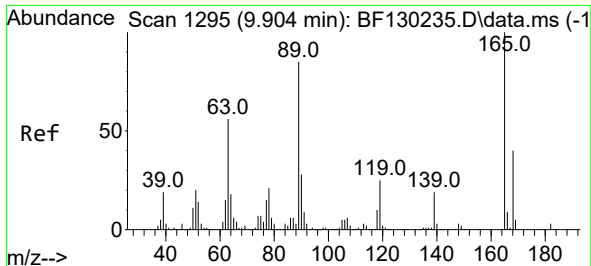
Tgt Ion:163 Resp: 37081
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 548.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.146 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

Tgt Ion:165 Resp: 27065
Ion Ratio Lower Upper
165 100
63 0.7 58.8 88.2#
89 1.0 54.5 81.7#

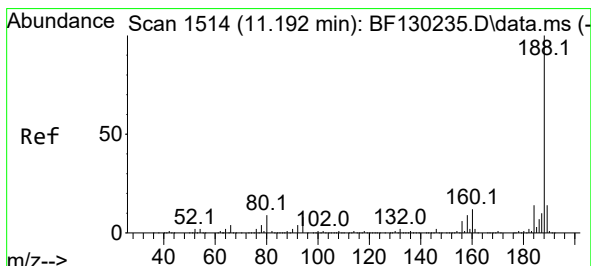
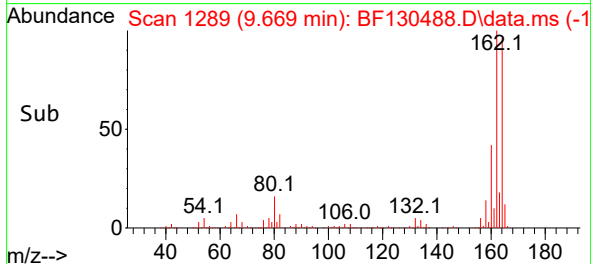
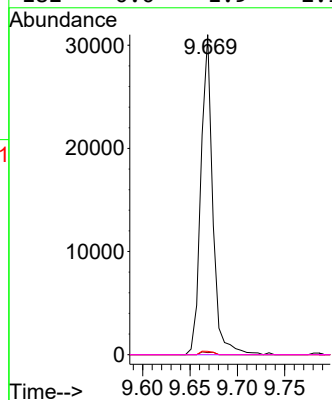
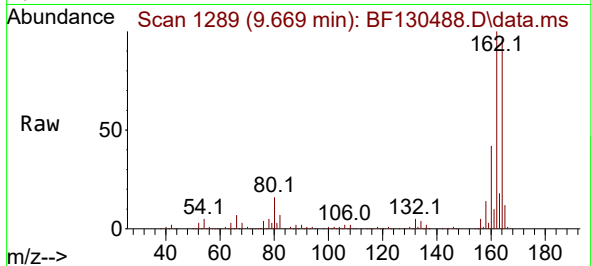




#57
2,4-Dinitrotoluene
Concen: 7.156 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

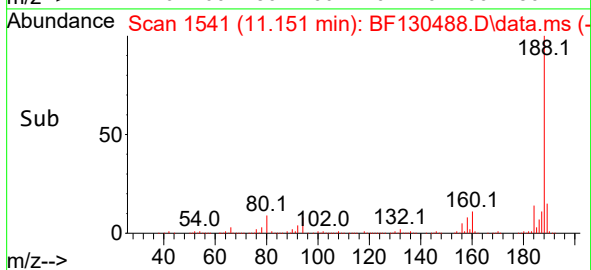
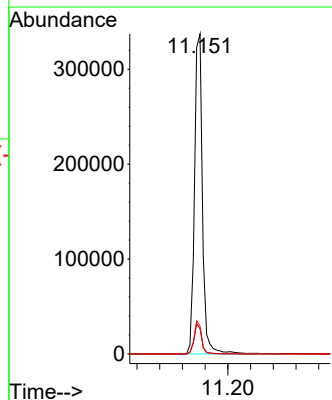
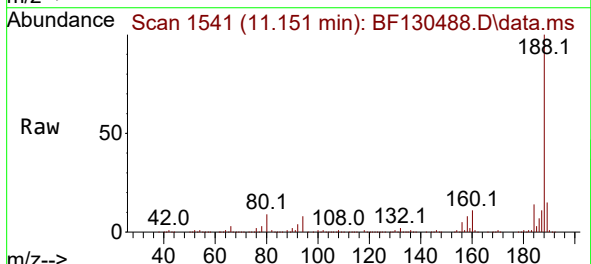
Instrument :
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CRUSHED-MASONRY-PILE-10RE

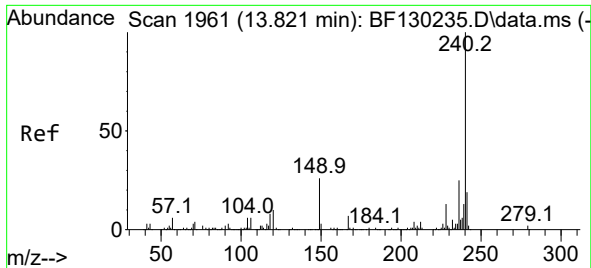
Tgt Ion:165 Resp: 27066
Ion Ratio Lower Upper
165 100
63 0.7 44.7 67.1#
89 1.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

Tgt Ion:188 Resp: 329968
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.7 7.9 11.9

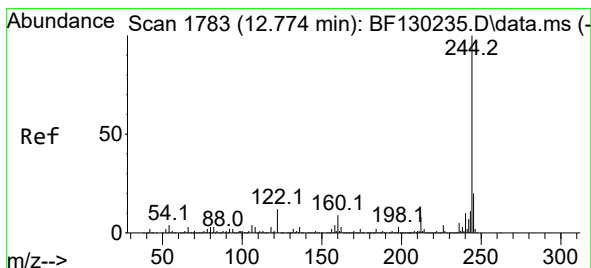
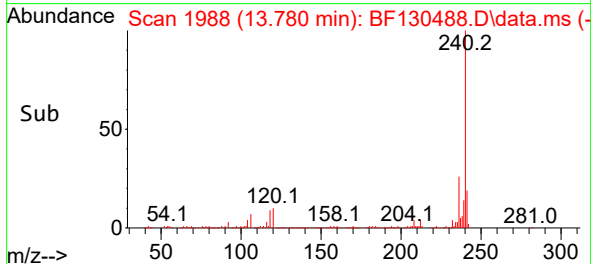
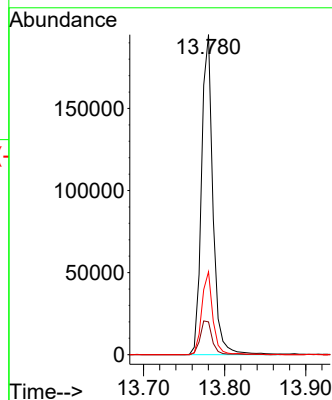
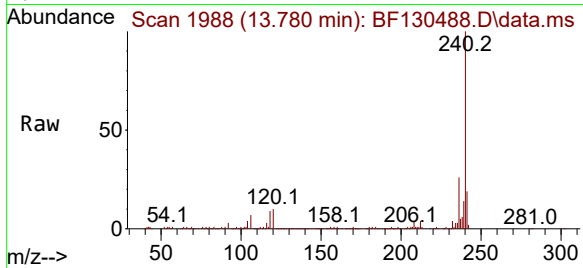




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

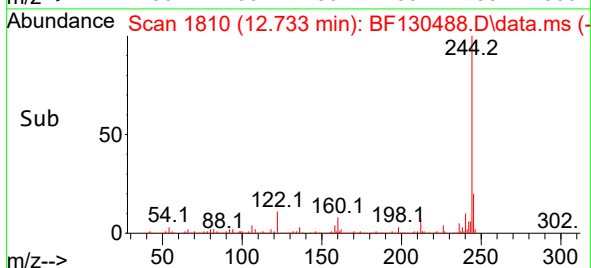
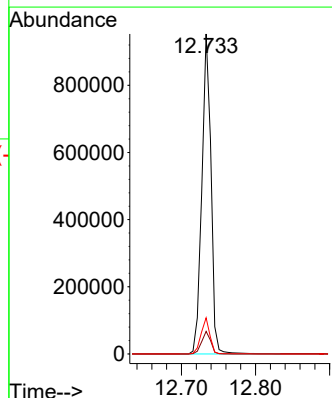
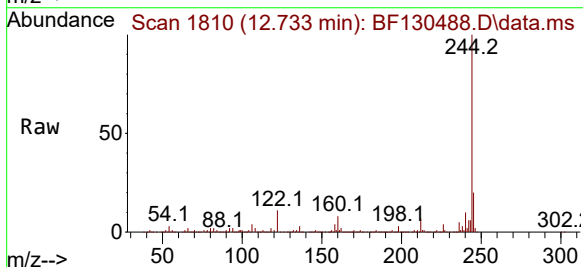
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-10RE

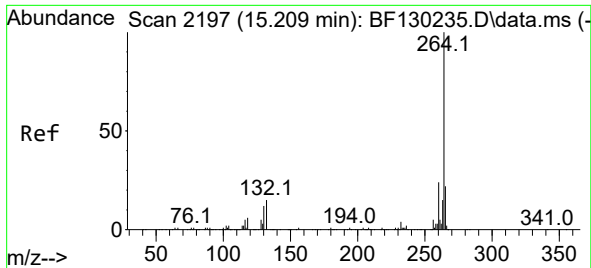
Tgt Ion:240 Resp: 191260
Ion Ratio Lower Upper
240 100
120 10.3 8.7 13.1
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 70.587 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130488.D
Acq: 30 Sep 2022 17:15

Tgt Ion:244 Resp: 815002
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.3 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130488.D

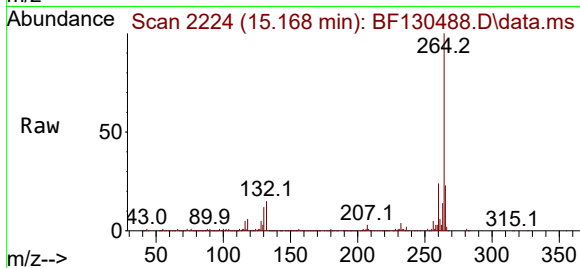
Acq: 30 Sep 2022 17:15

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-10RE



Tgt Ion:264 Resp: 222507

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.6 17.0 25.4

