

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132841.D
 Acq On : 18 Mar 2023 01:14
 Operator : CG\JU
 Sample : 01962-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEEDER-CONCRETE-PAD

Quant Time: Mar 18 03:09:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

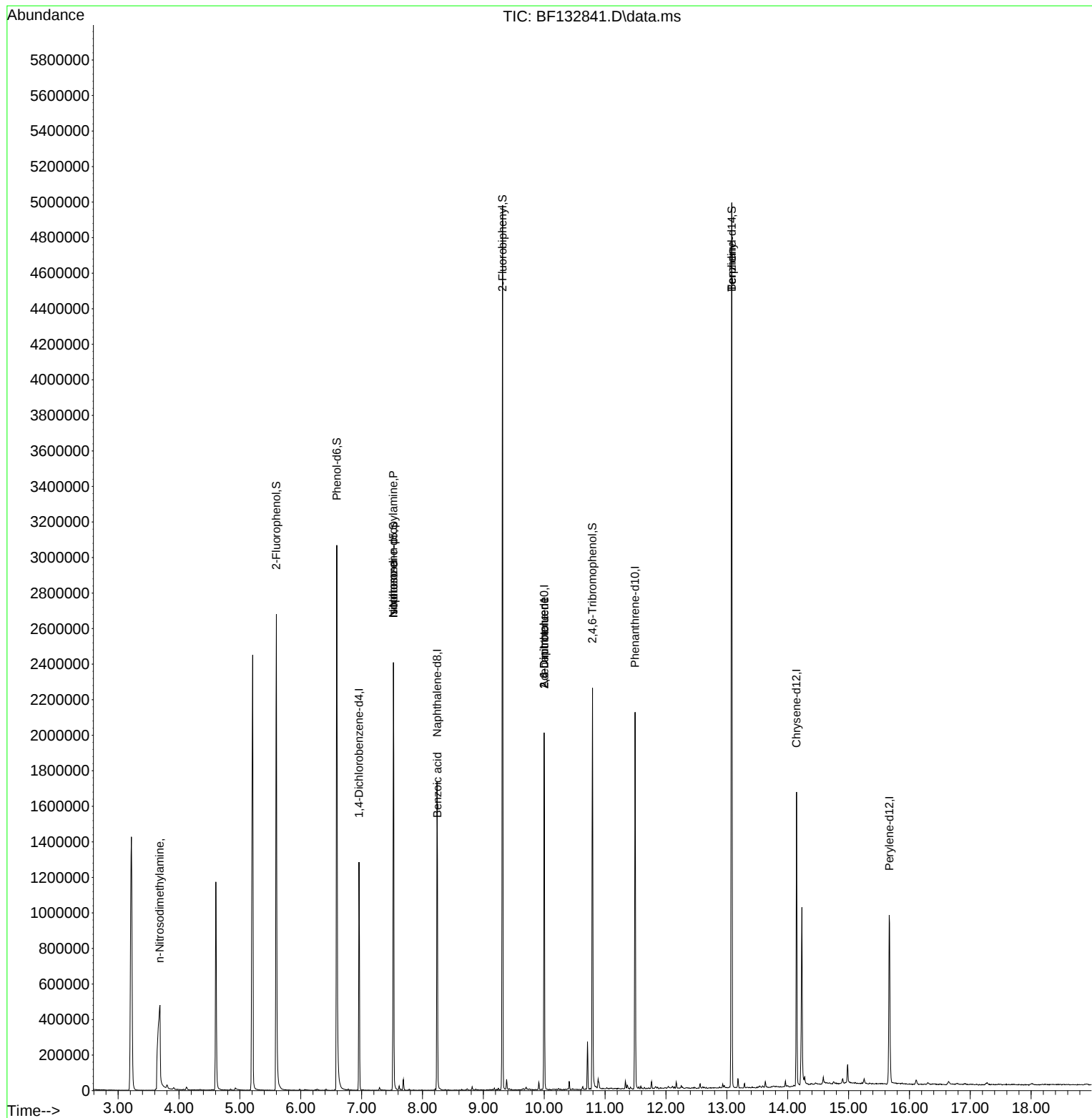
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	184738	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	737008	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	405451	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	787566	20.000	ng	0.00
76) Chrysene-d12	14.145	240	545895	20.000	ng	0.00
86) Perylene-d12	15.668	264	482944	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	827847	75.616	ng	0.01
7) Phenol-d6	6.592	99	1188519	83.638	ng	0.00
23) Nitrobenzene-d5	7.522	82	816520	56.696	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	266282	61.781	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1480181	59.970	ng	0.00
79) Terphenyl-d14	13.080	244	1810063	59.873	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.681	42	27648	4.904	ng	# 1
19) n-Nitroso-di-n-propyla...	7.522	70	106169	13.094	ng	# 77
25) Isophorone	7.522	82	816513	28.840	ng	# 66
32) Benzoic acid	8.245	122	124	10.484	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	52077	8.102	ng	# 28
57) 2,4-Dinitrotoluene	9.998	165	52077	6.343	ng	# 23
77) Benzidine	13.080	184	24905	7.326	ng	# 93

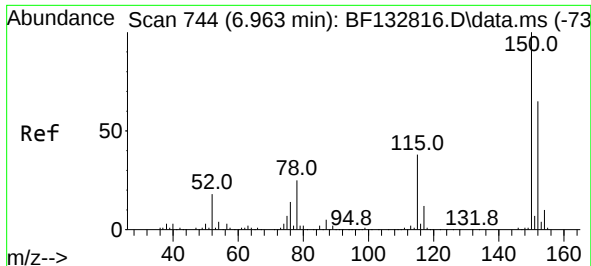
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
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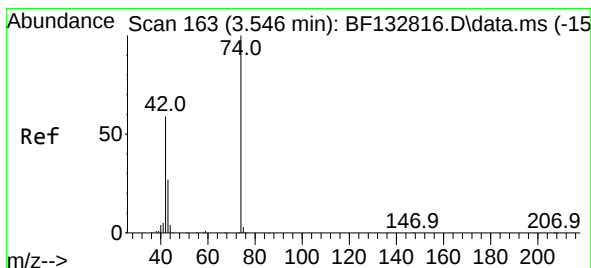
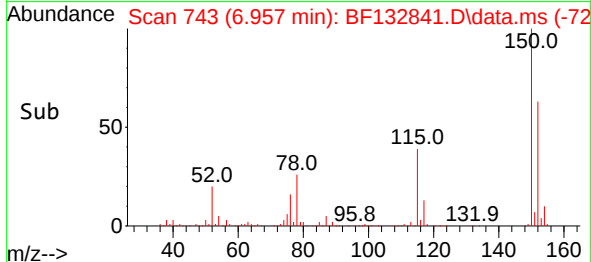
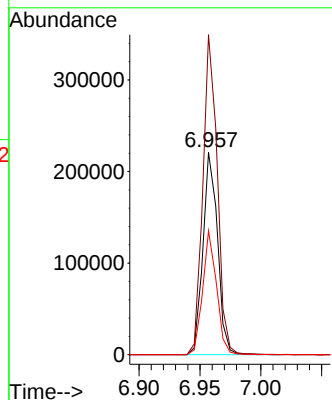
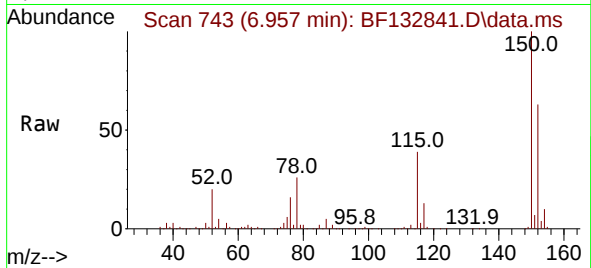




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

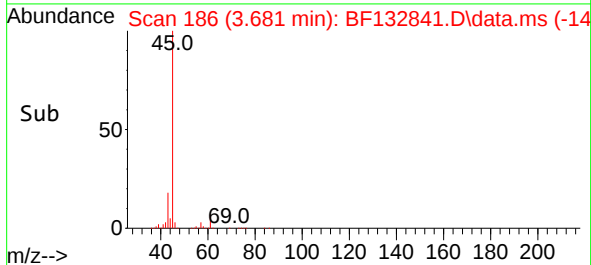
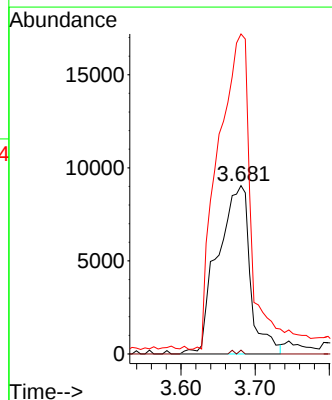
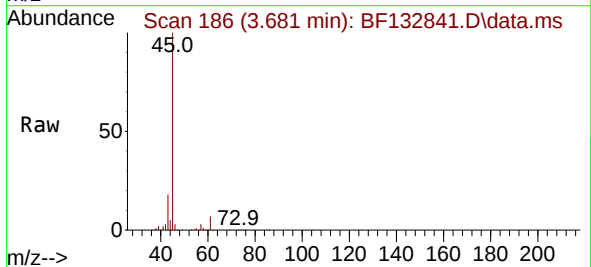
Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

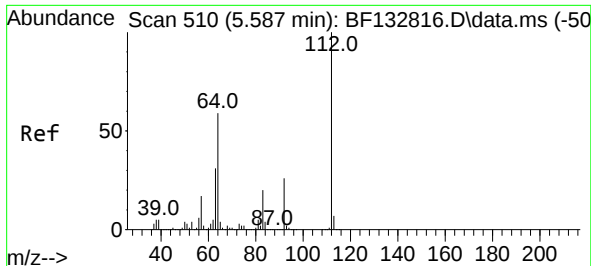
Tgt Ion:152 Resp: 184738
Ion Ratio Lower Upper
152 100
150 158.2 122.7 184.1
115 61.2 46.2 69.4



#4
n-Nitrosodimethylamine
Concen: 4.904 ng
RT: 3.681 min Scan# 186
Delta R.T. 0.135 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion: 42 Resp: 27648
Ion Ratio Lower Upper
42 100
74 2.2 135.2 202.8#
44 190.2 6.0 9.0#

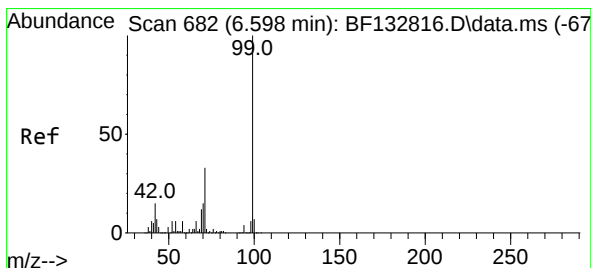
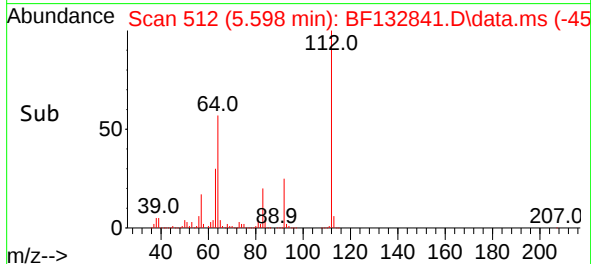
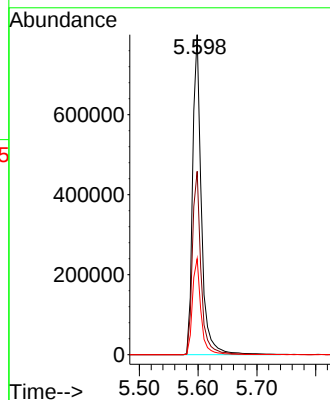
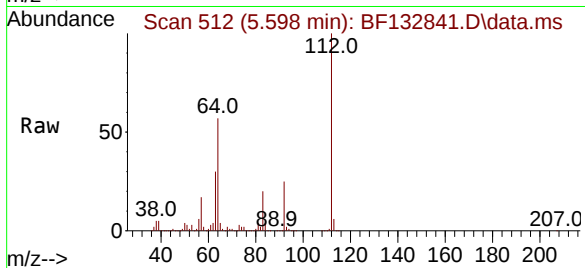




#5
2-Fluorophenol
Concen: 75.616 ng
RT: 5.598 min Scan# 510
Delta R.T. 0.012 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

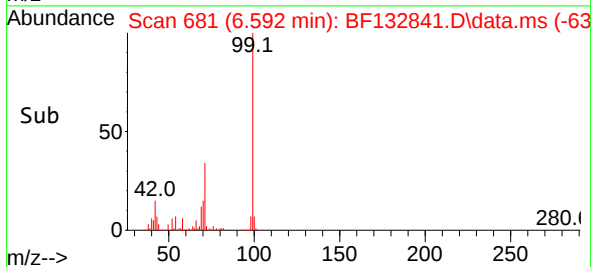
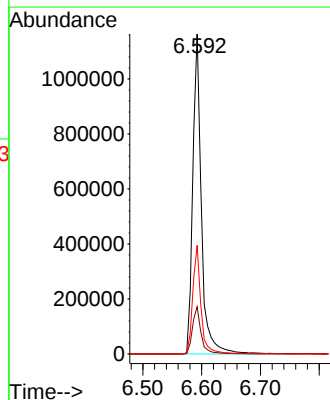
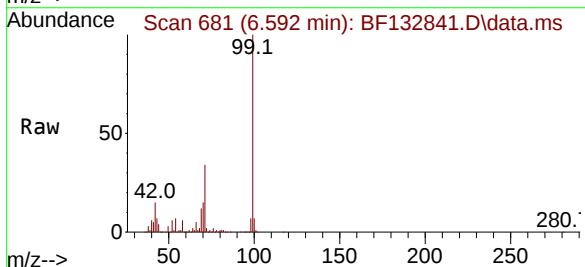
Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

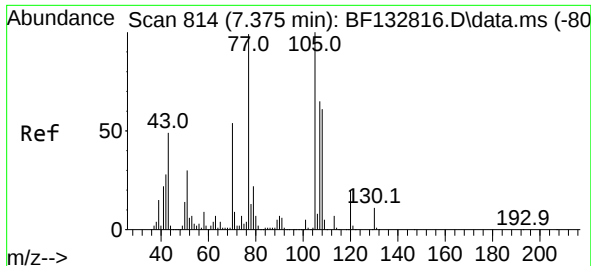
Tgt Ion:112 Resp: 827847
Ion Ratio Lower Upper
112 100
64 57.3 47.1 70.7
63 30.0 24.4 36.6



#7
Phenol-d6
Concen: 83.638 ng
RT: 6.592 min Scan# 681
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion: 99 Resp: 1188519
Ion Ratio Lower Upper
99 100
42 14.7 11.9 17.9
71 33.9 26.3 39.5





#19

n-Nitroso-di-n-propylamine

Concen: 13.094 ng

RT: 7.522 min Scan# 814

Delta R.T. 0.147 min

Lab File: BF132841.D

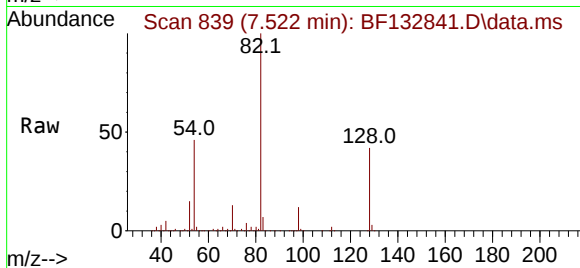
Acq: 18 Mar 2023 01:14

Instrument :

BNA_F

ClientSampleId :

FEEDER-CONCRETE-PAD



Tgt Ion: 70 Resp: 106169

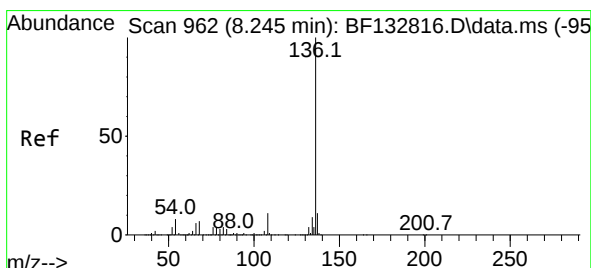
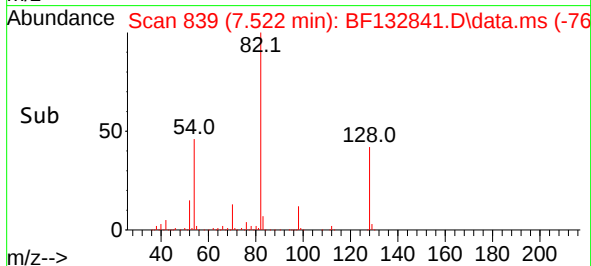
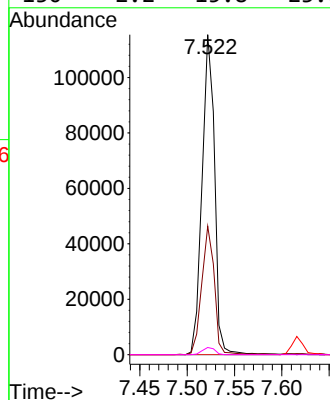
Ion Ratio Lower Upper

70 100

42 40.2 40.9 61.3#

101 0.0 7.8 11.6#

130 2.2 15.8 23.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 961

Delta R.T. -0.006 min

Lab File: BF132841.D

Acq: 18 Mar 2023 01:14

Tgt Ion: 136 Resp: 737008

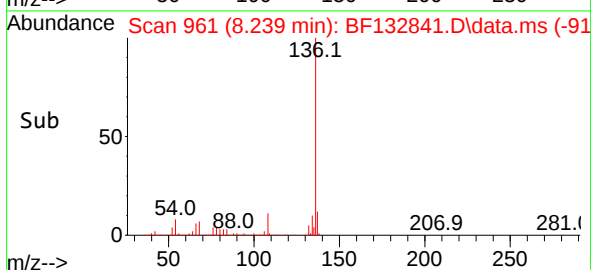
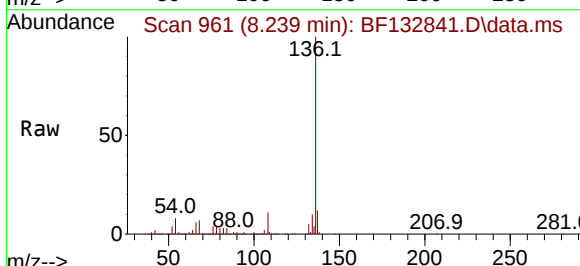
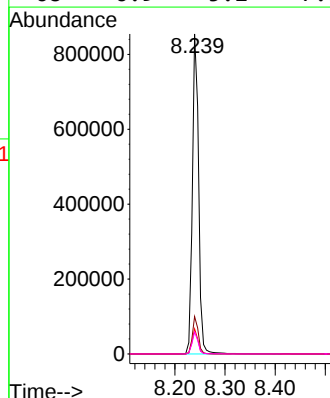
Ion Ratio Lower Upper

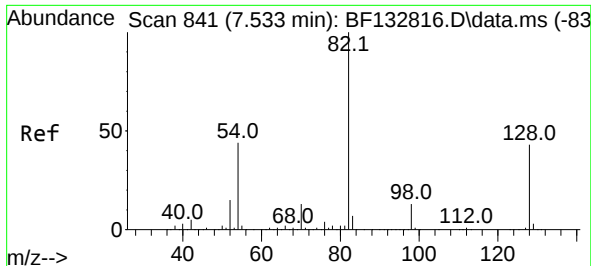
136 100

137 11.7 9.0 13.6

54 7.8 6.1 9.1

68 6.9 5.2 7.8

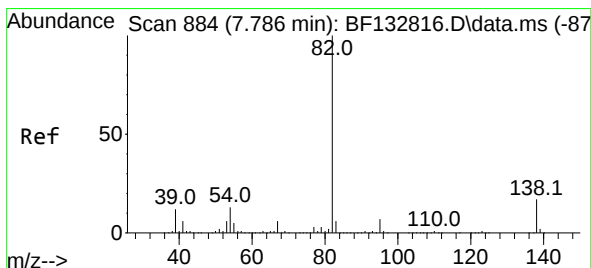
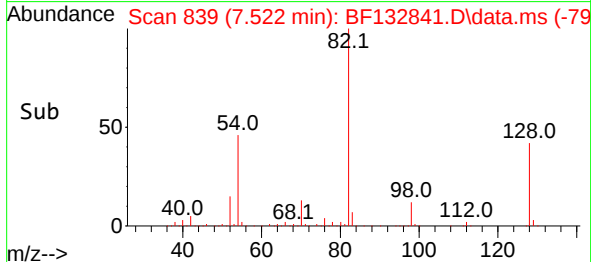
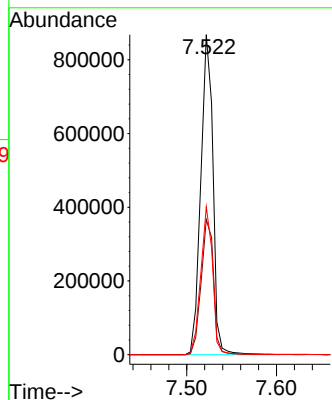
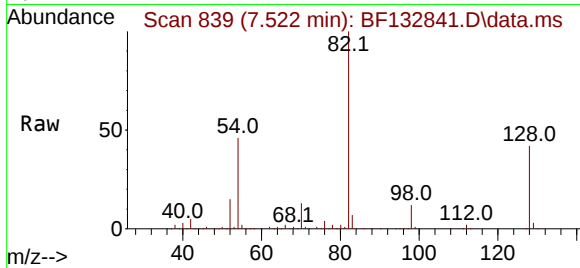




#23
Nitrobenzene-d5
Concen: 56.696 ng
RT: 7.522 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

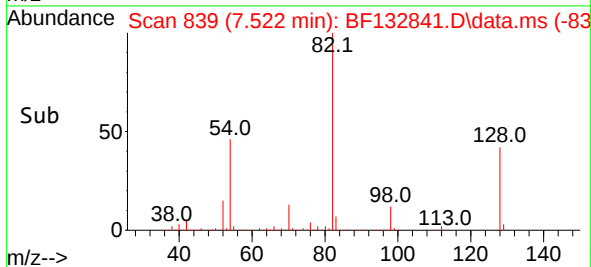
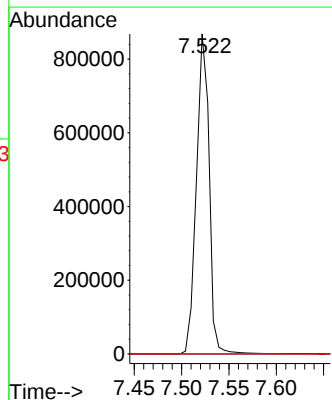
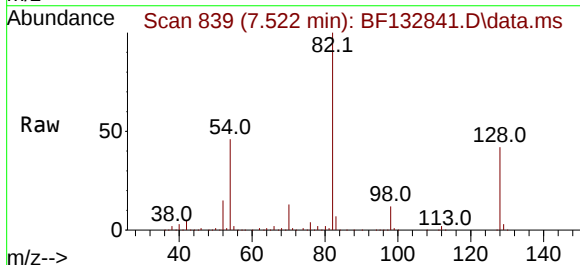
Instrument :
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ClientSampleId :
FEEDER-CONCRETE-PAD

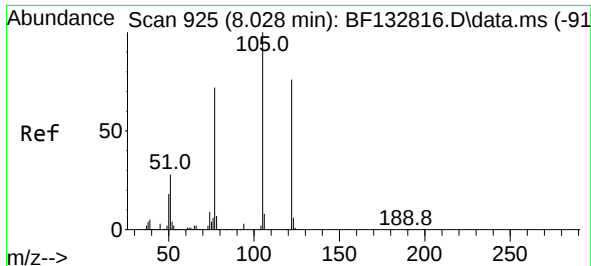
Tgt Ion: 82 Resp: 816520
Ion Ratio Lower Upper
82 100
128 42.2 34.4 51.6
54 46.2 35.2 52.8



#25
Isophorone
Concen: 28.840 ng
RT: 7.522 min Scan# 839
Delta R.T. -0.265 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion: 82 Resp: 816513
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#

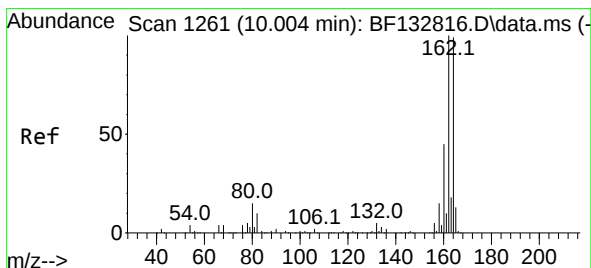
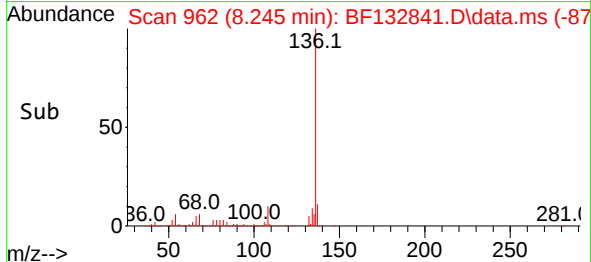
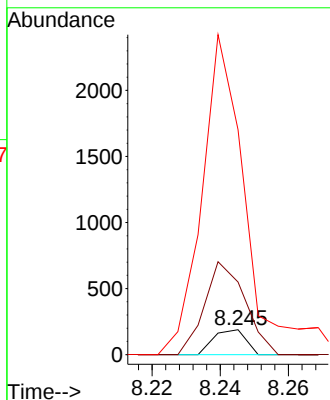
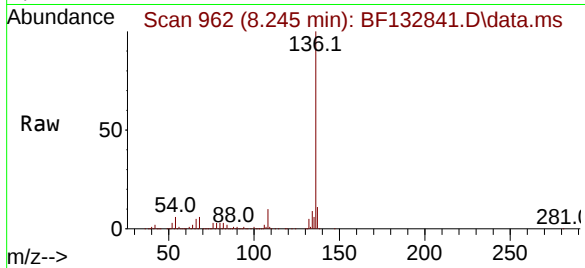




#32
Benzoic acid
Concen: 10.484 ng
RT: 8.245 min Scan# 91
Delta R.T. 0.217 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

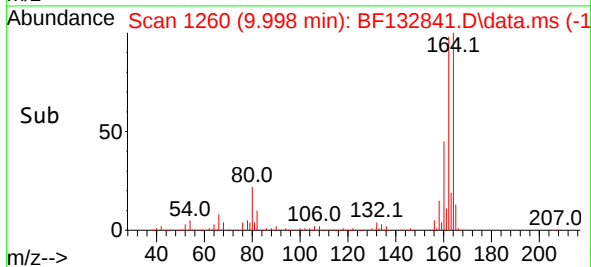
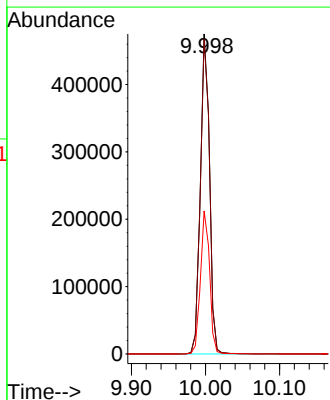
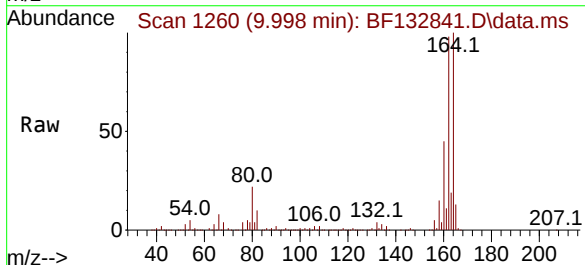
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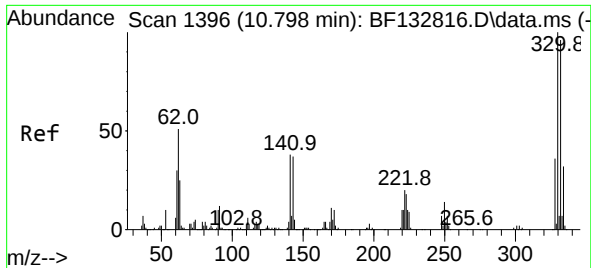
Tgt Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 290.5 110.8 150.8#
77 901.1 74.2 114.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:164 Resp: 405451
Ion Ratio Lower Upper
164 100
162 98.3 80.6 121.0
160 44.7 36.2 54.4

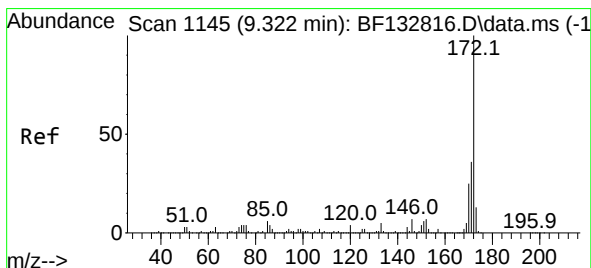
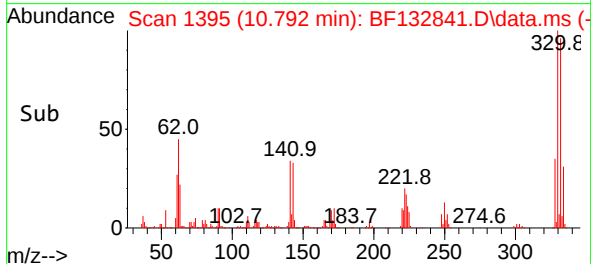
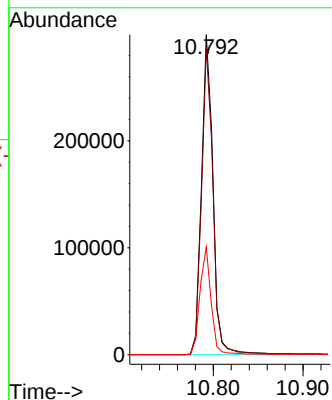
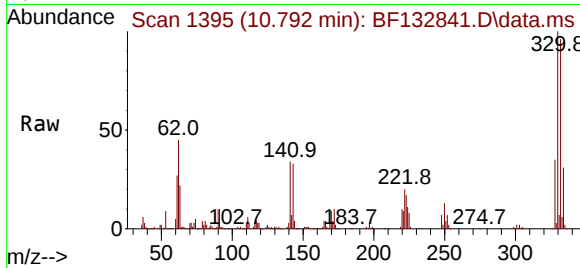




#42
2,4,6-Tribromophenol
Concen: 61.781 ng
RT: 10.792 min Scan# 11395
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

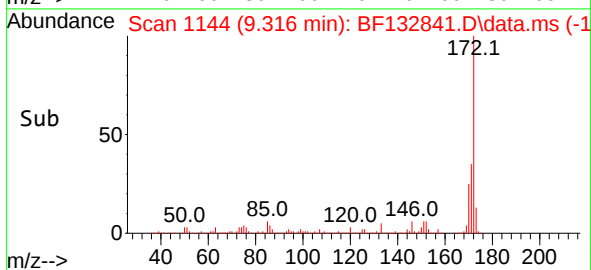
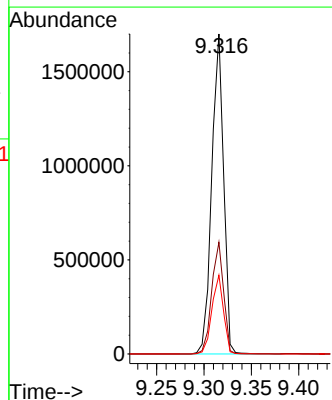
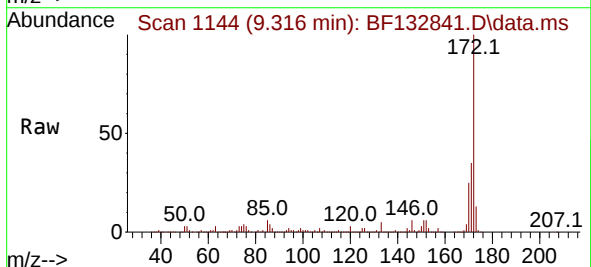
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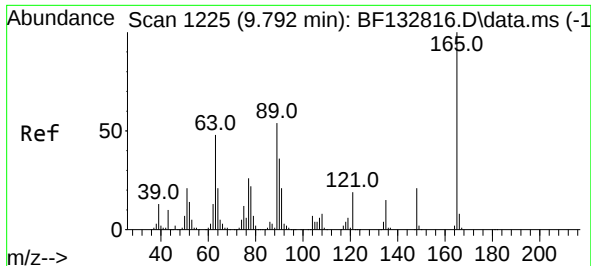
Tgt Ion:330 Resp: 266282
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 32.9 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 59.970 ng
RT: 9.316 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:172 Resp: 1480181
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 24.6 19.8 29.8

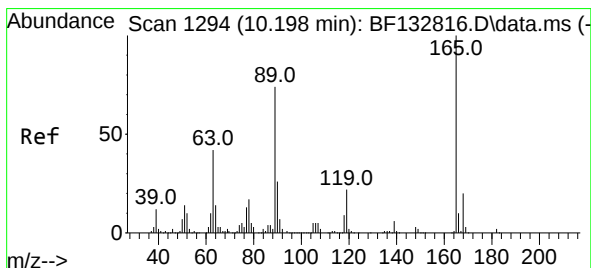
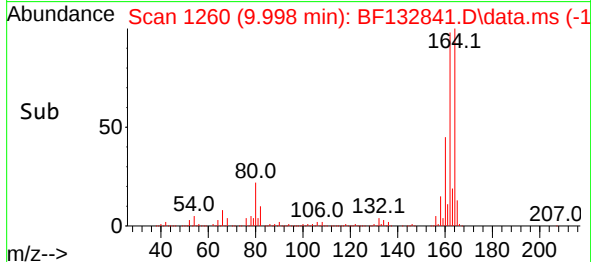
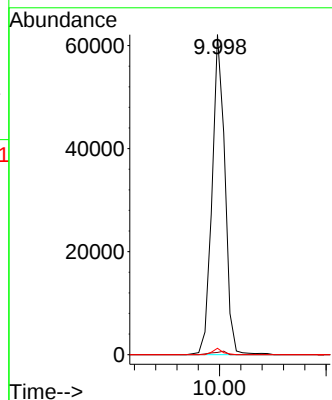
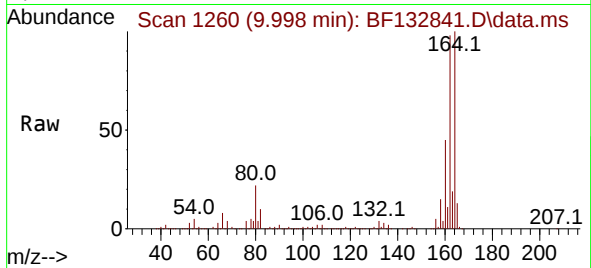




#51
2,6-Dinitrotoluene
Concen: 8.102 ng
RT: 9.998 min Scan# 1260
Delta R.T. 0.206 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

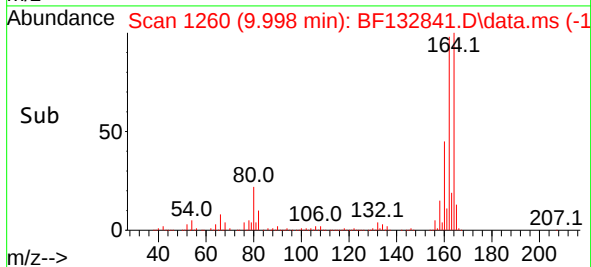
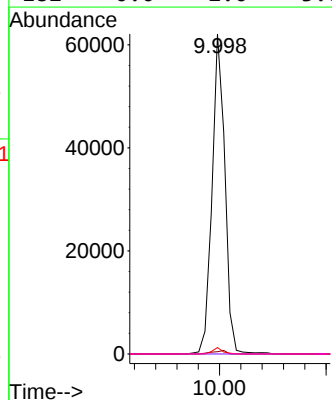
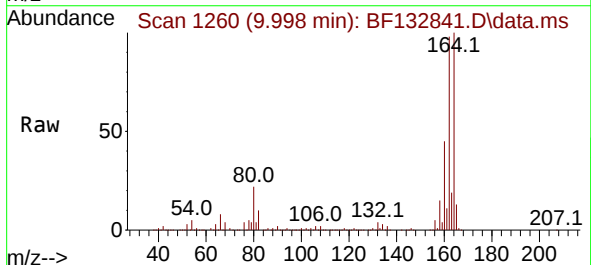
Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

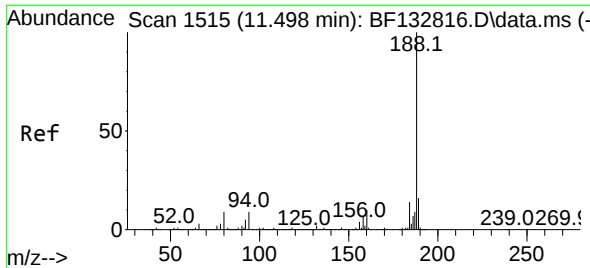
Tgt Ion:165 Resp: 52077
Ion Ratio Lower Upper
165 100
63 0.7 39.1 58.7#
89 2.0 43.5 65.3#



#57
2,4-Dinitrotoluene
Concen: 6.343 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.200 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:165 Resp: 52077
Ion Ratio Lower Upper
165 100
63 0.7 34.4 51.6#
89 2.0 59.5 89.3#
182 0.0 2.0 3.0#

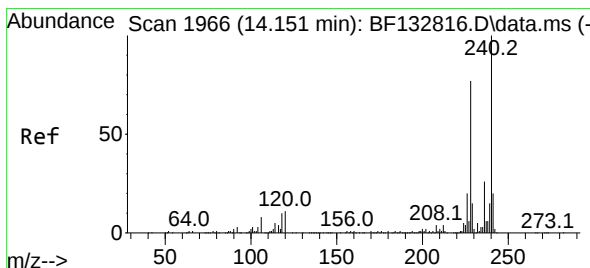
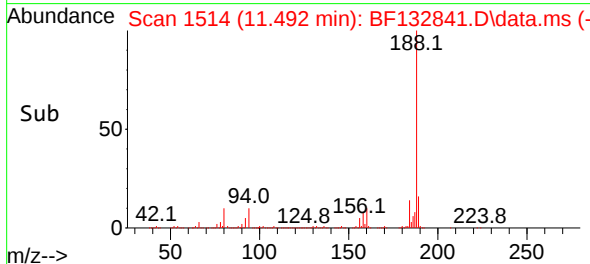
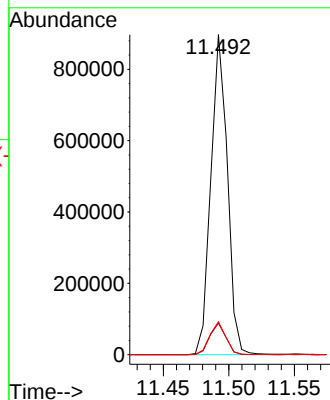
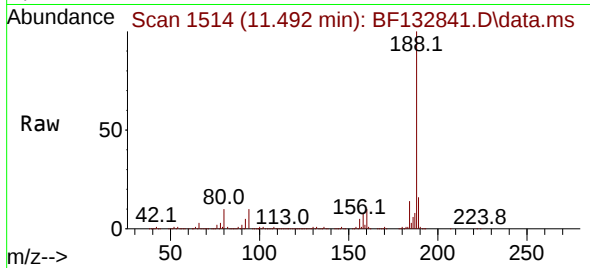




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

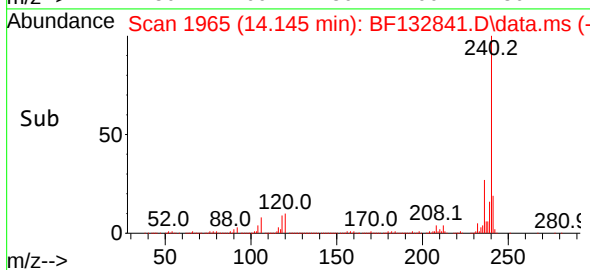
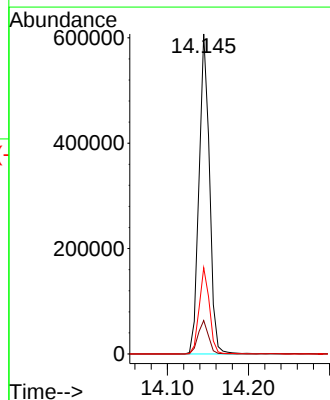
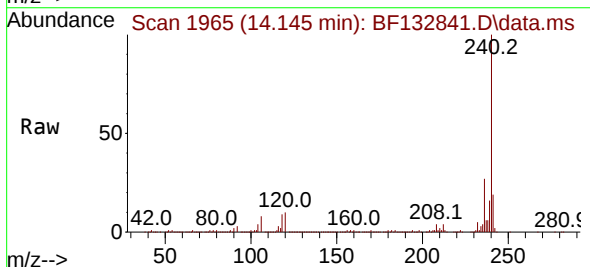
Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

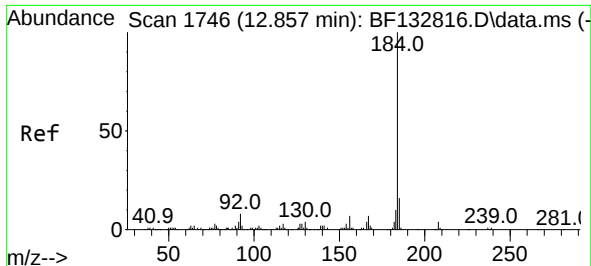
Tgt Ion:188 Resp: 787566
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:240 Resp: 545895
Ion Ratio Lower Upper
240 100
120 10.5 9.1 13.7
236 27.0 21.2 31.8

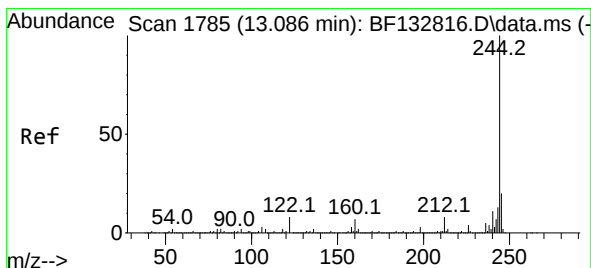
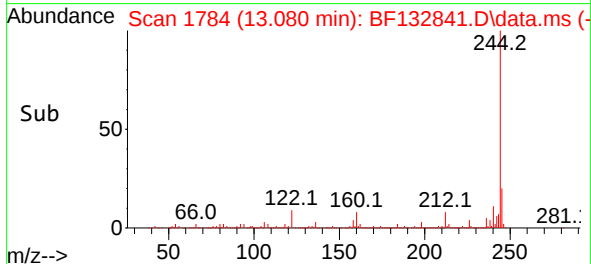
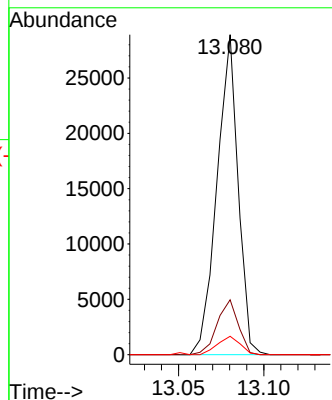
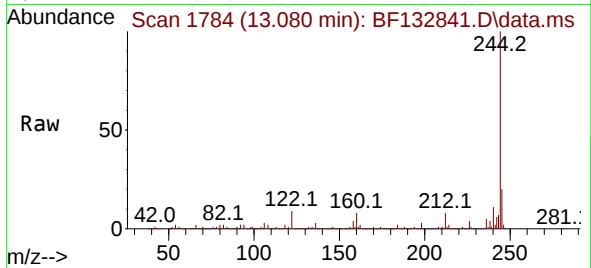




#77
Benzidine
Concen: 7.326 ng
RT: 13.080 min Scan# 1784
Delta R.T. 0.224 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

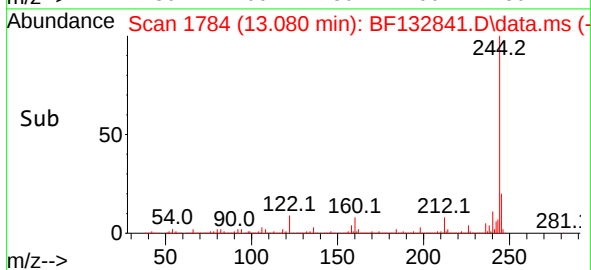
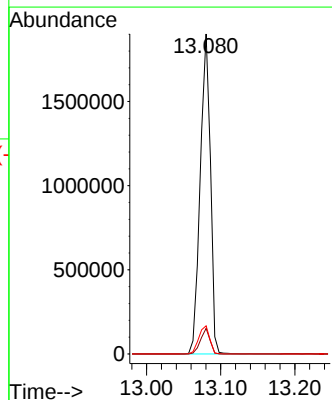
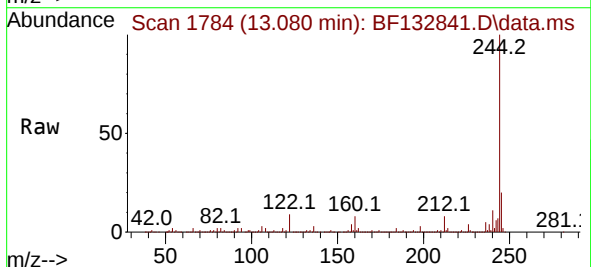
Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

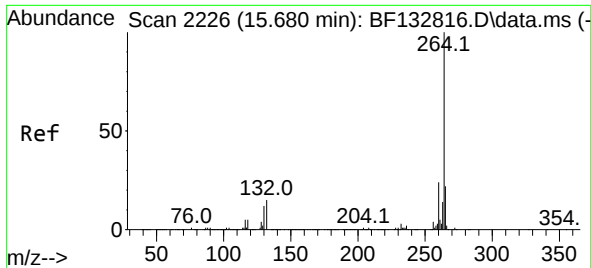
Tgt Ion:184 Resp: 24905
Ion Ratio Lower Upper
184 100
185 17.1 12.6 19.0
183 5.8 8.2 12.4#



#79
Terphenyl-d14
Concen: 59.873 ng
RT: 13.080 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:244 Resp: 1810063
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 8.8 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF132841.D
 Acq: 18 Mar 2023 01:14

Instrument :
 BNA_F
 ClientSampleId :
 FEEDER-CONCRETE-PAD

Tgt Ion:264 Resp: 482944
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.6 17.4 26.0

