

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130844.D
 Acq On : 29 Oct 2022 01:59
 Operator : CG\JU
 Sample : N5328-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-VNJ-219-CONCRETE

Quant Time: Oct 29 05:48:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

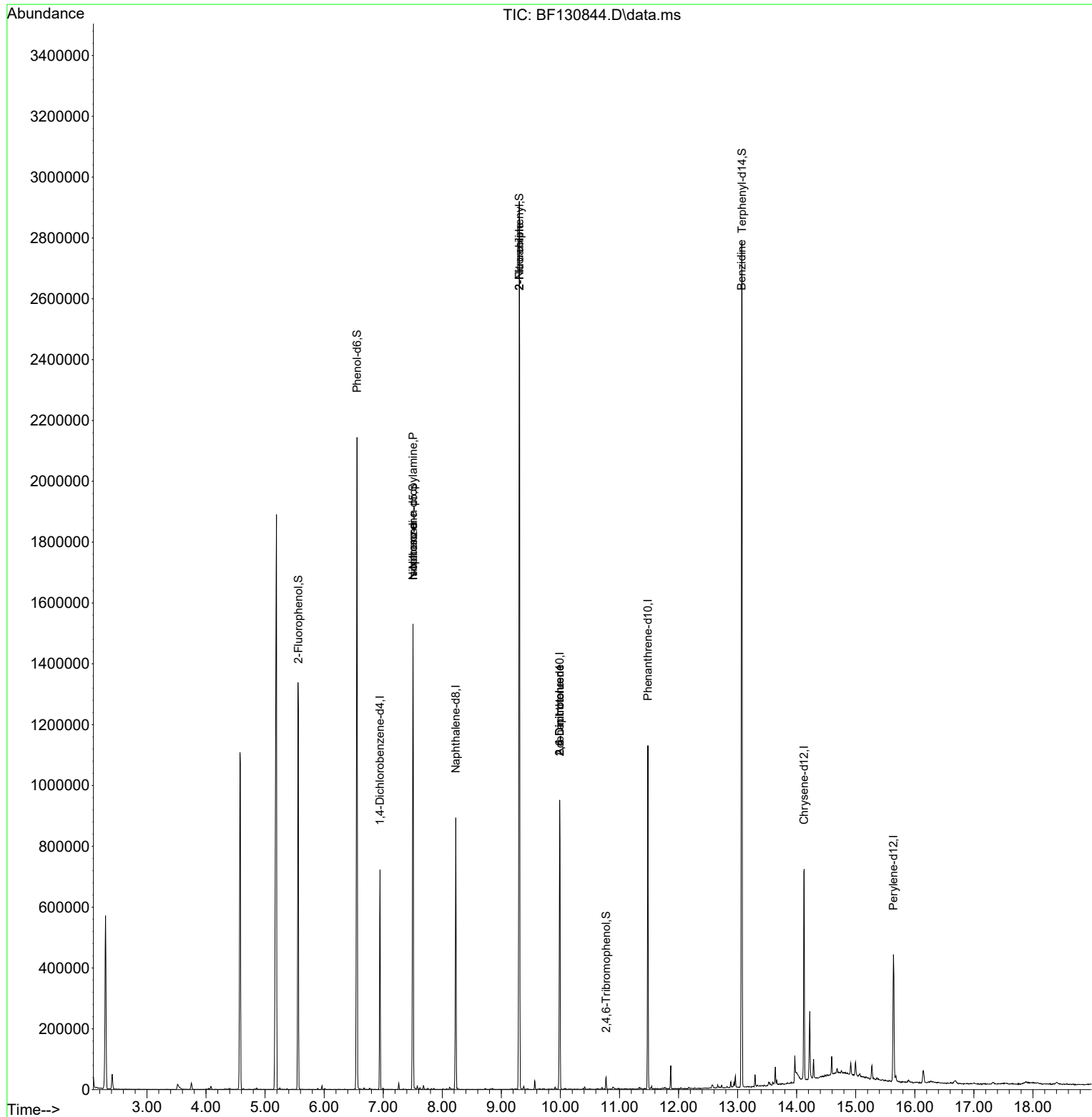
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.946	152	94627	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	365953	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	201583	20.000	ng	-0.01
64) Phenanthrene-d10	11.481	188	365690	20.000	ng	0.00
76) Chrysene-d12	14.127	240	242276	20.000	ng	0.00
86) Perylene-d12	15.639	264	188740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	323083	59.190	ng	0.00
7) Phenol-d6	6.557	99	691447	97.481	ng	0.00
23) Nitrobenzene-d5	7.504	82	490934	80.892	ng	-0.01
42) 2,4,6-Tribromophenol	10.775	330	4479	2.639	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	954904	71.618	ng	0.00
79) Terphenyl-d14	13.075	244	980865	74.188	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	68417	14.177	ng	# 79
25) Isophorone	7.504	82	490928	39.227	ng	# 66
48) 2-Nitroaniline	9.304	65	2070	4.658	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	26399	12.236	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	26399	11.073	ng	# 20
77) Benzidine	13.069	184	15035	2.556	ng	# 93

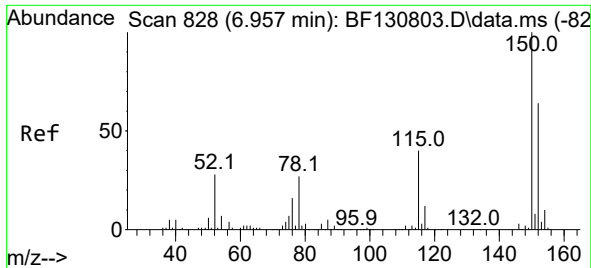
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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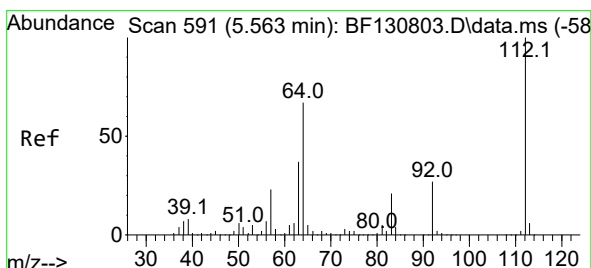
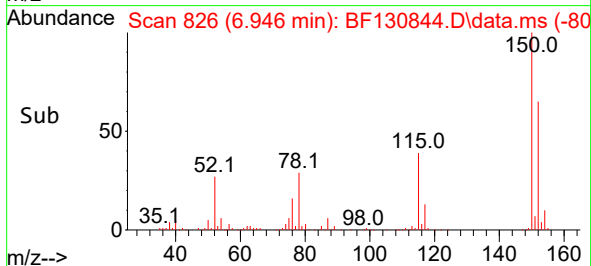
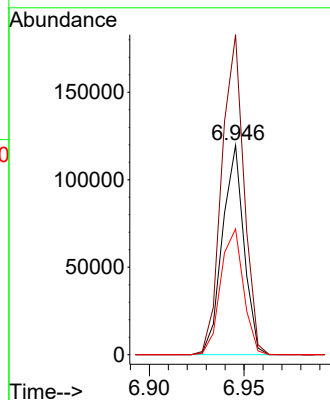
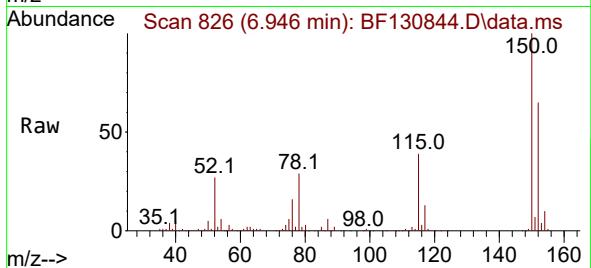




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.946 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

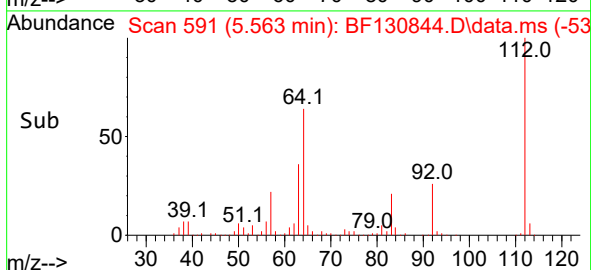
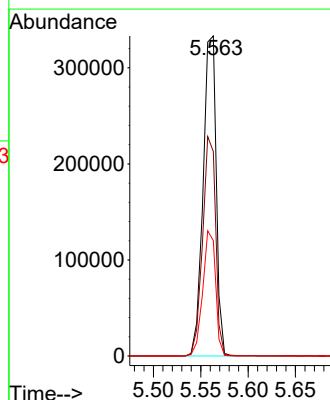
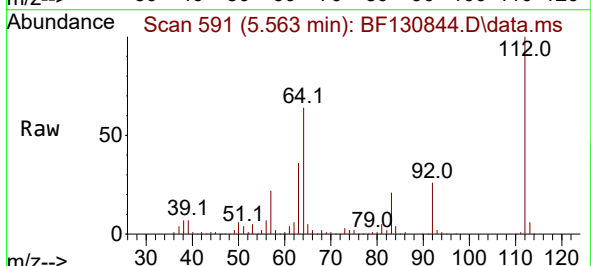
Instrument :
BNA_F
ClientSampleId :
COMP-VNJ-219-CONCRETE

Tgt Ion:152 Resp: 94627
Ion Ratio Lower Upper
152 100
150 152.8 124.1 186.1
115 60.0 50.1 75.1



#5
2-Fluorophenol
Concen: 59.190 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

Tgt Ion:112 Resp: 323083
Ion Ratio Lower Upper
112 100
64 63.9 53.9 80.9
63 36.0 29.4 44.2

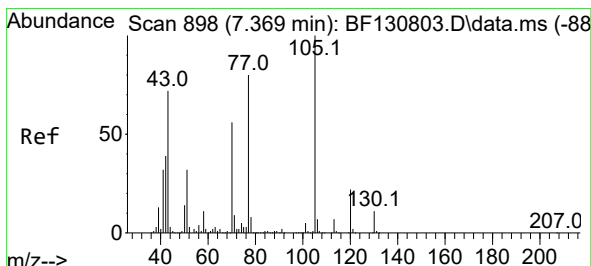
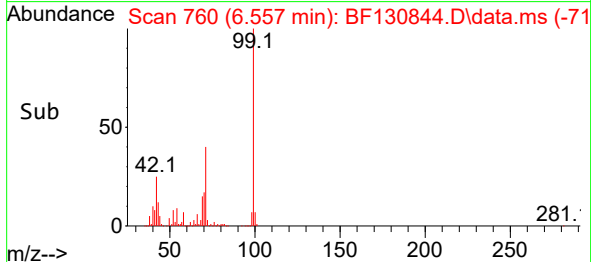
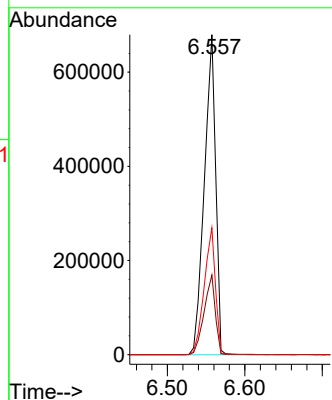
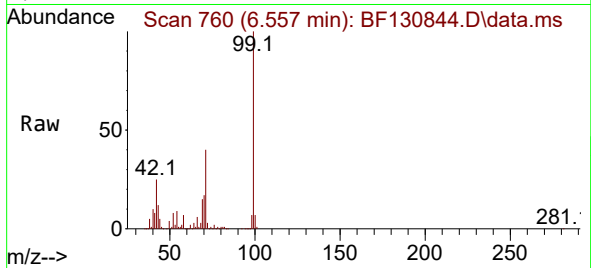




#7
Phenol-d6
Concen: 97.481 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

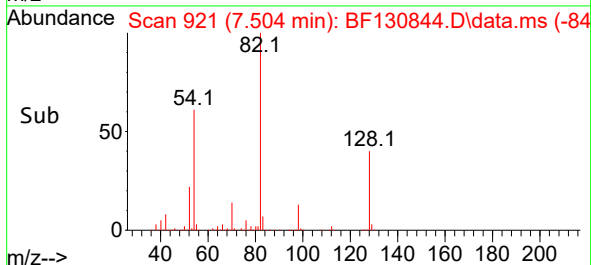
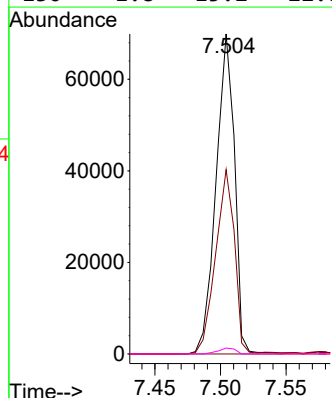
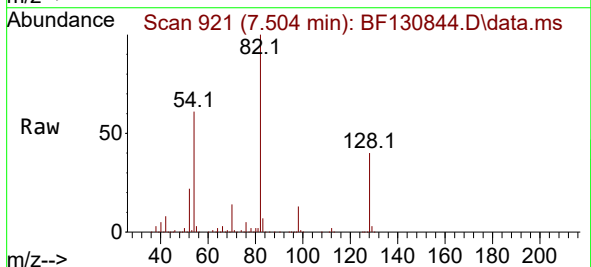
Instrument :
BNA_F
ClientSampleId :
COMP-VNJ-219-CONCRETE

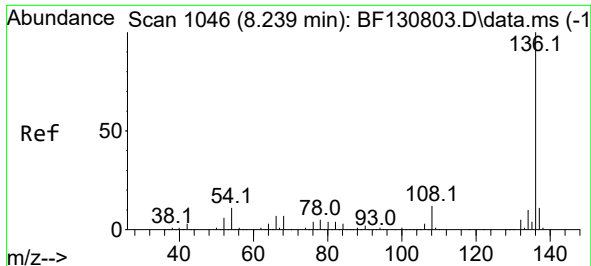
Tgt Ion: 99 Resp: 691447
Ion Ratio Lower Upper
99 100
42 24.9 18.8 28.2
71 39.6 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.177 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

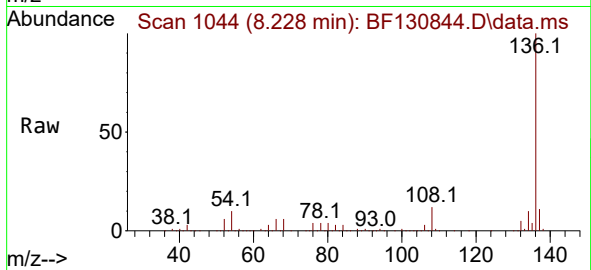
Tgt Ion: 70 Resp: 68417
Ion Ratio Lower Upper
70 100
42 57.6 56.1 84.1
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#



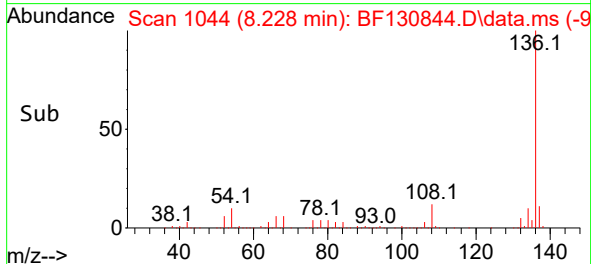
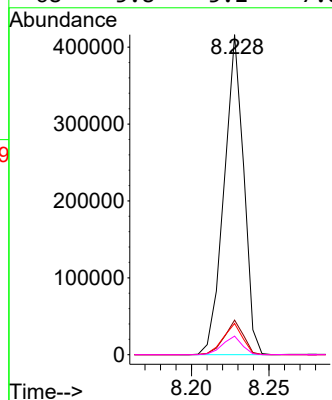


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

Instrument :
BNA_F
ClientSampleId :
COMP-VNJ-219-CONCRETE

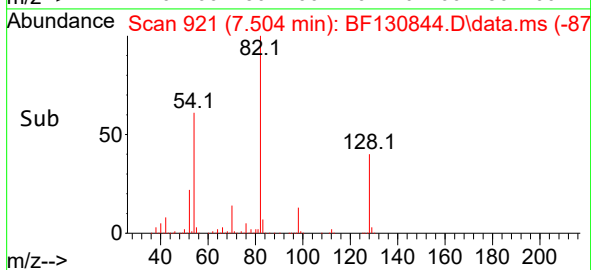
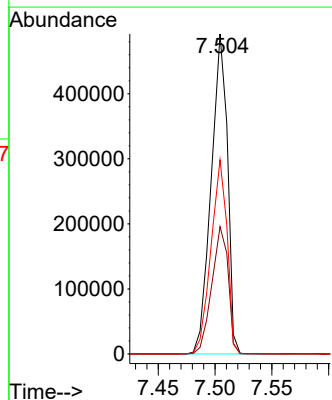
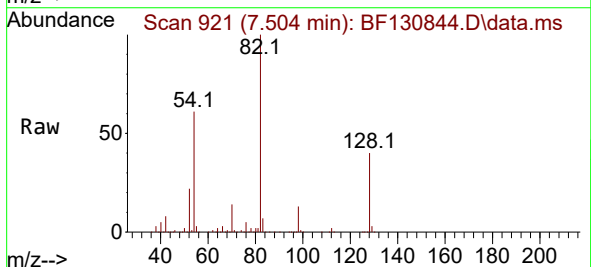


Tgt Ion:136 Resp: 365953
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.8 8.8 13.2
68 5.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 80.892 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

Tgt Ion: 82 Resp: 490934
Ion Ratio Lower Upper
82 100
128 39.8 31.2 46.8
54 60.7 48.0 72.0

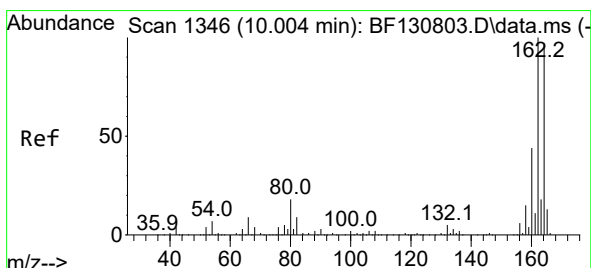
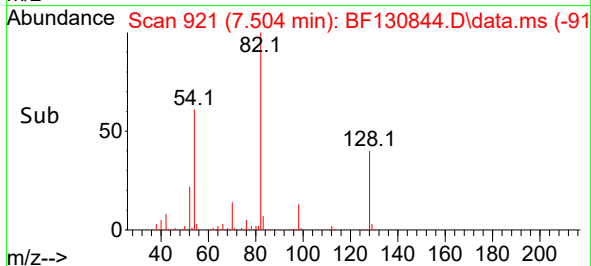
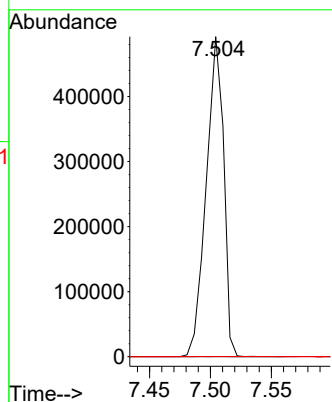
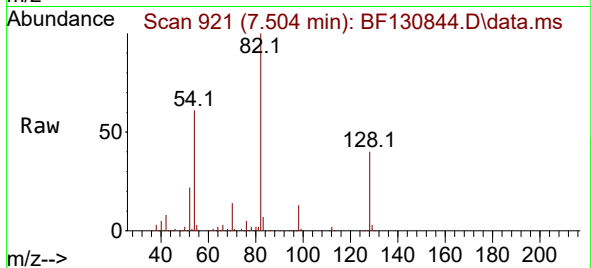




#25
Isophorone
Concen: 39.227 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

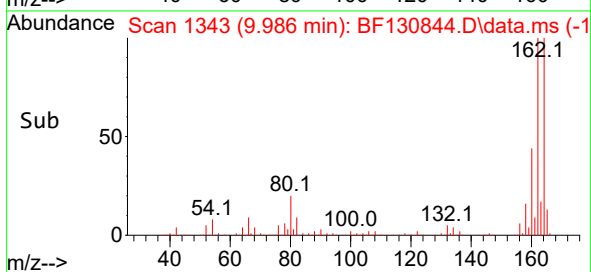
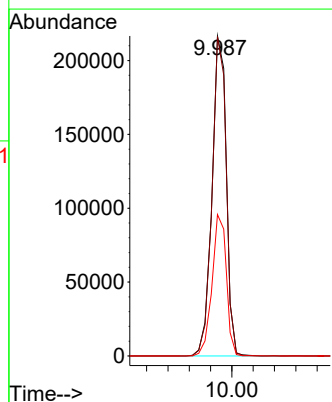
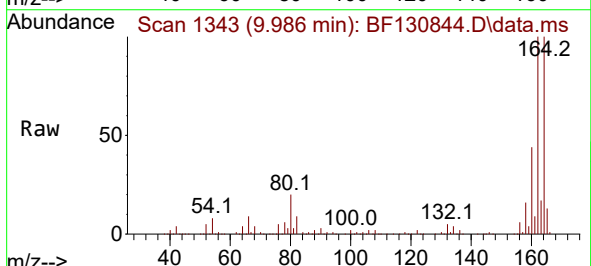
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COMP-VNJ-219-CONCRETE

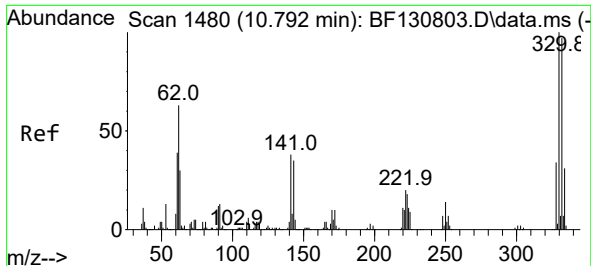
Tgt Ion: 82 Resp: 490928
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

Tgt Ion:164 Resp: 201583
Ion Ratio Lower Upper
164 100
162 99.8 82.2 123.2
160 44.2 36.6 54.8

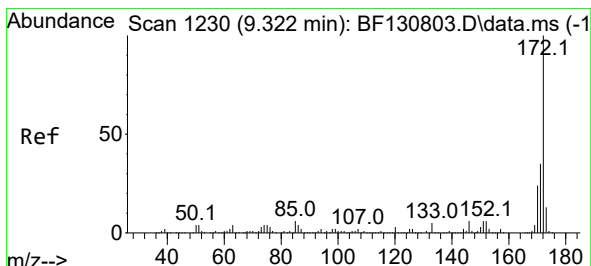
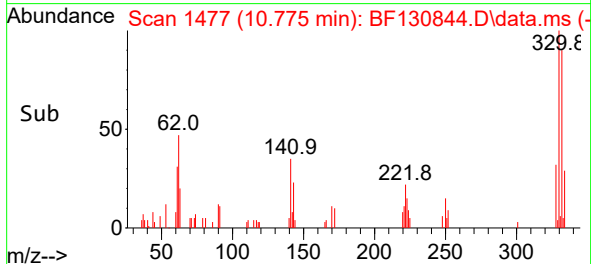
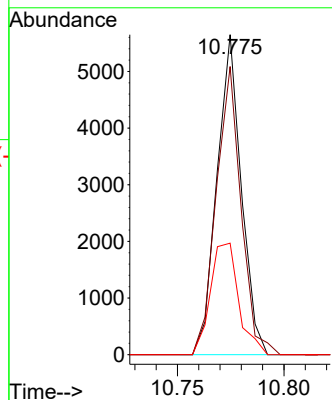
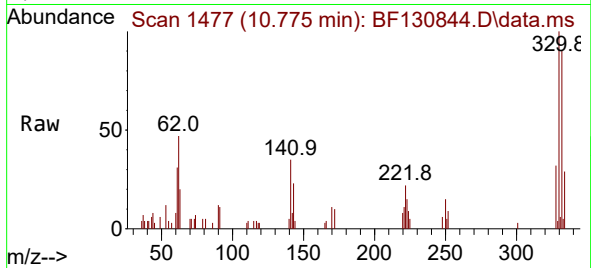




#42
2,4,6-Tribromophenol
Concen: 2.639 ng
RT: 10.775 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

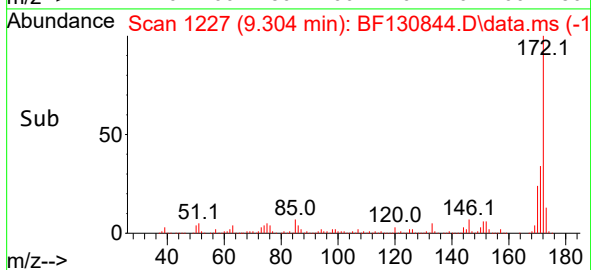
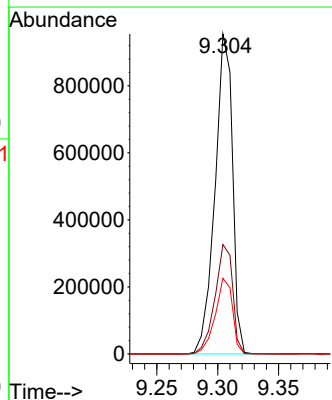
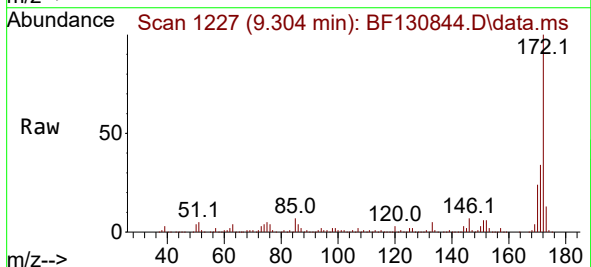
Instrument : BNA_F
ClientSampleId : COMP-VNJ-219-CONCRETE

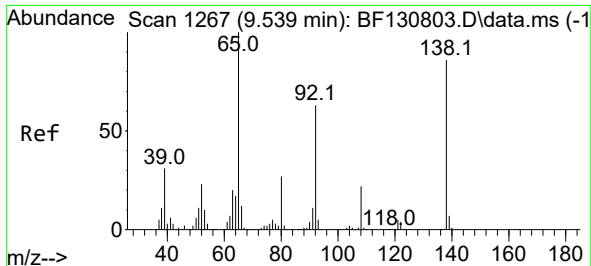
Tgt Ion: 330 Resp: 4479
Ion Ratio Lower Upper
330 100
332 92.1 76.2 114.4
141 40.7 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 71.618 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

Tgt Ion: 172 Resp: 954904
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 23.7 19.0 28.4

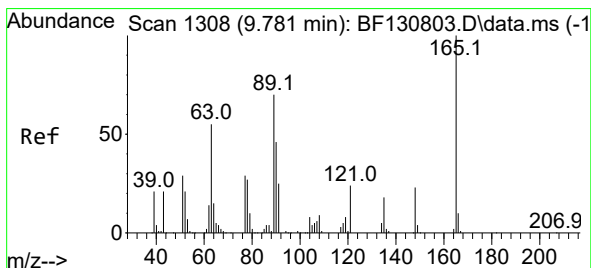
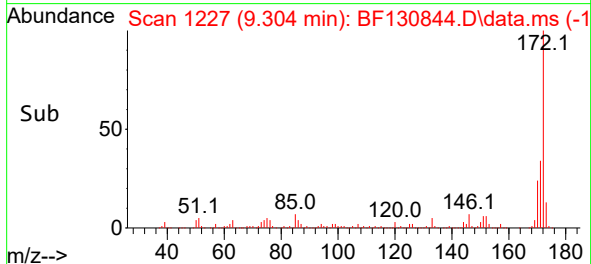
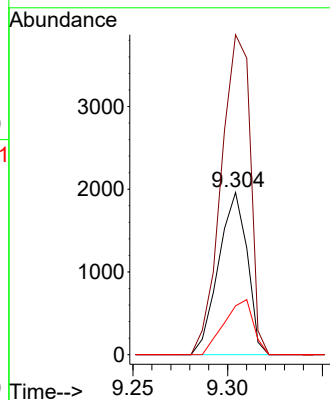
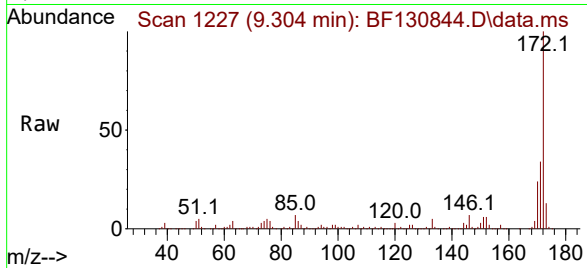




#48
2-Nitroaniline
Concen: 4.658 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

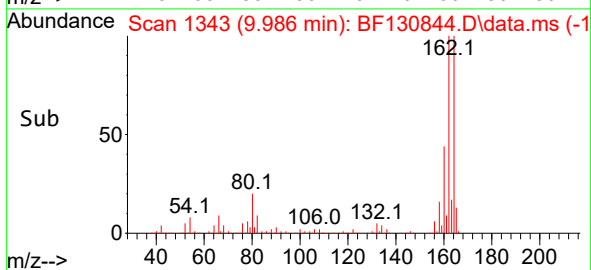
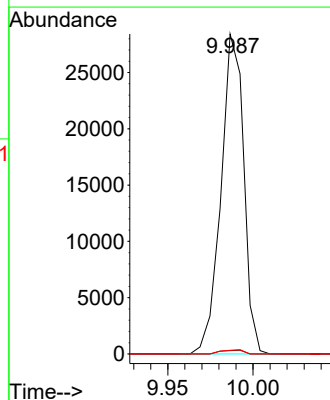
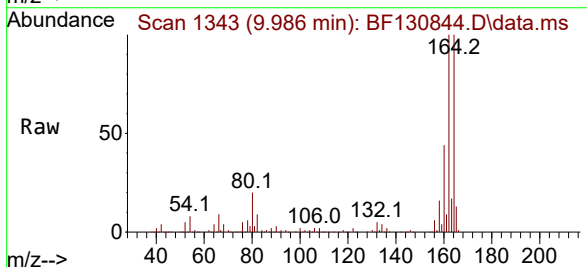
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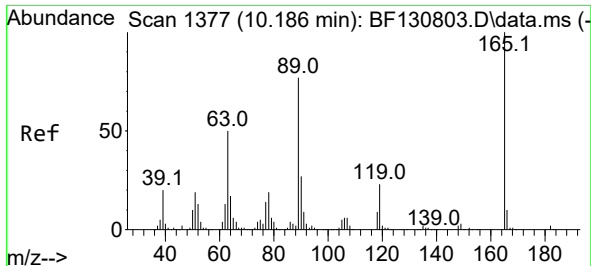
Tgt Ion: 65 Resp: 2070
Ion Ratio Lower Upper
65 100
92 197.1 50.1 75.1#
138 30.1 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.236 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

Tgt Ion: 165 Resp: 26399
Ion Ratio Lower Upper
165 100
63 1.0 61.8 92.8#
89 1.1 56.2 84.4#

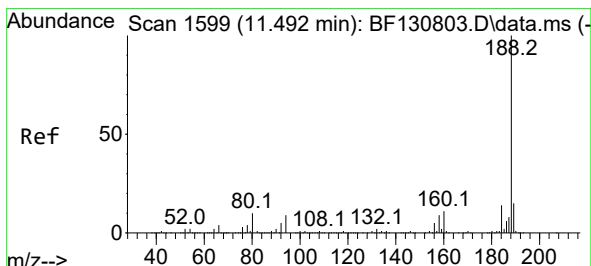
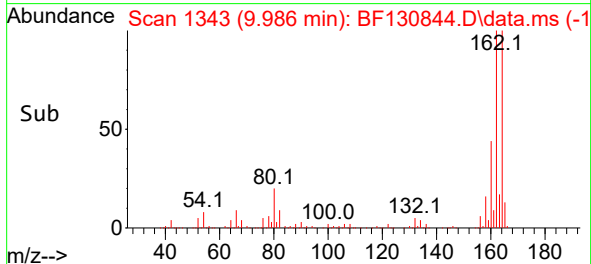
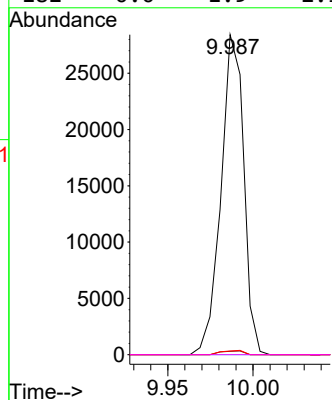
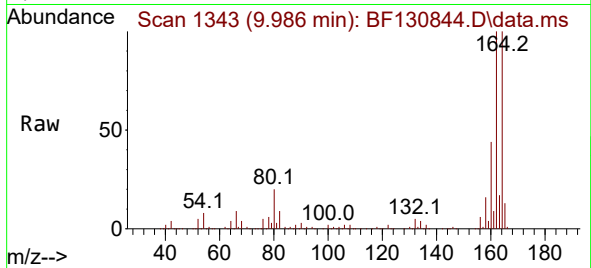




#57
2,4-Dinitrotoluene
Concen: 11.073 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

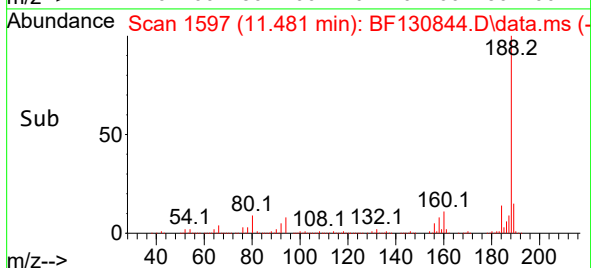
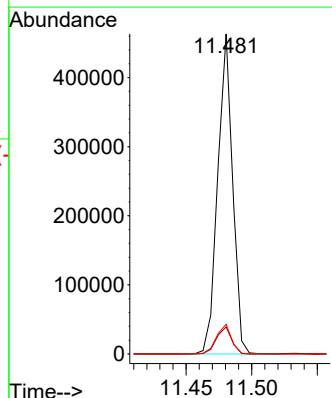
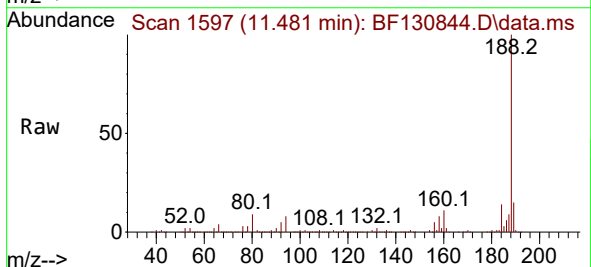
Instrument :
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ClientSampleId :
COMP-VNJ-219-CONCRETE

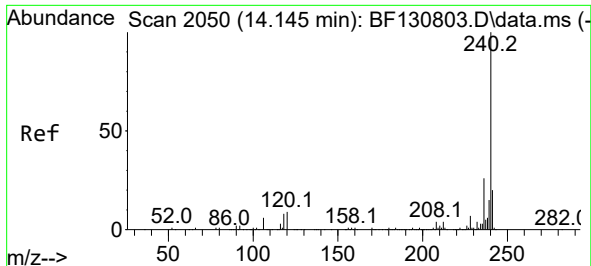
Tgt Ion:165 Resp: 26399
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.1 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

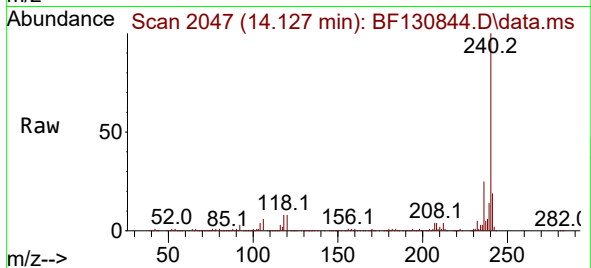
Tgt Ion:188 Resp: 365690
Ion Ratio Lower Upper
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94 8.5 7.4 11.2
80 9.3 8.0 12.0



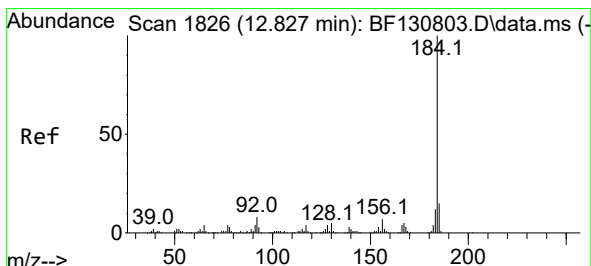
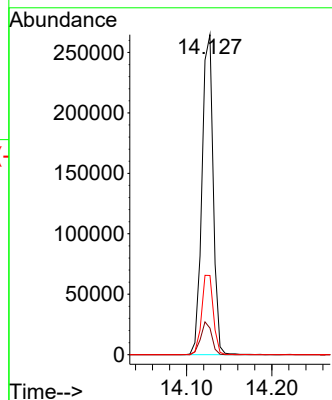
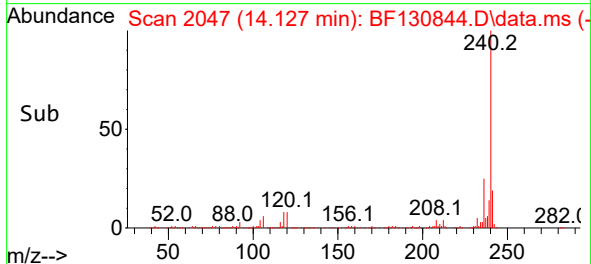


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59

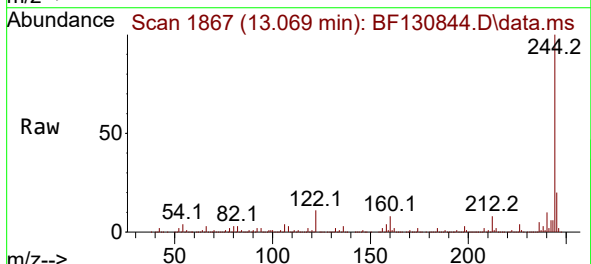
Instrument :
BNA_F
ClientSampleId :
COMP-VNJ-219-CONCRETE



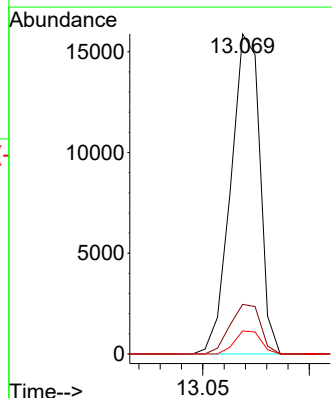
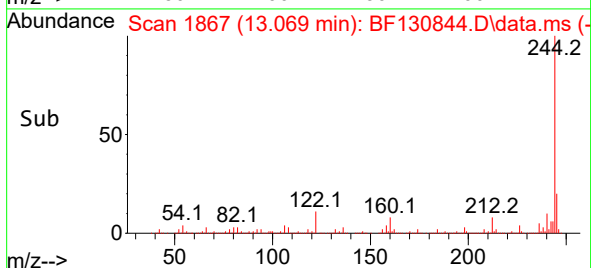
Tgt Ion:240 Resp: 242276
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.4
236 24.7 20.5 30.7

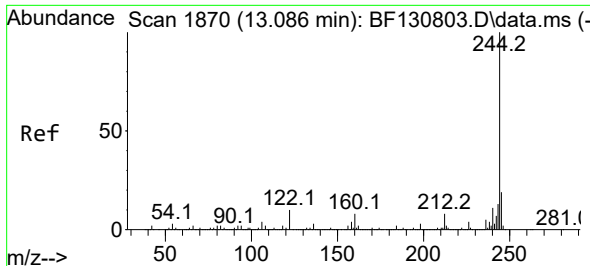


#77
Benzidine
Concen: 2.556 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF130844.D
Acq: 29 Oct 2022 01:59



Tgt Ion:184 Resp: 15035
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 7.2 9.7 14.5#

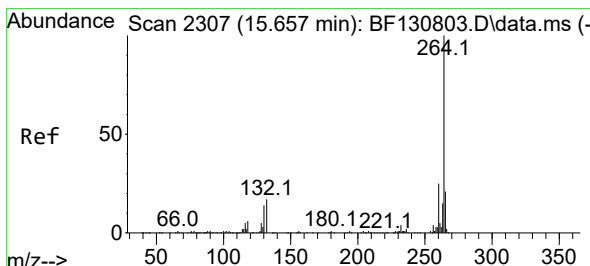
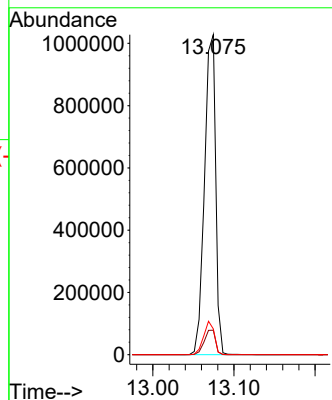
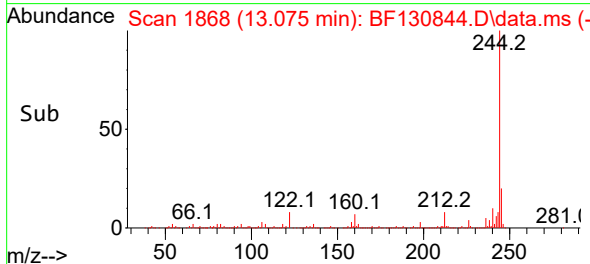
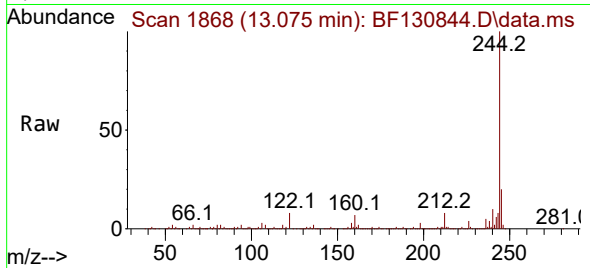




#79
 Terphenyl-d14
 Concen: 74.188 ng
 RT: 13.075 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: BF130844.D
 Acq: 29 Oct 2022 01:59

Instrument :
 BNA_F
 ClientSampleId :
 COMP-VNJ-219-CONCRETE

Tgt Ion:244 Resp: 980865
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF130844.D
 Acq: 29 Oct 2022 01:59

Tgt Ion:264 Resp: 188740
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.9 29.9
 265 21.4 17.0 25.6

