

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131104.D
 Acq On : 10 Nov 2022 00:06
 Operator : CG\JU
 Sample : N5360-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:34:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

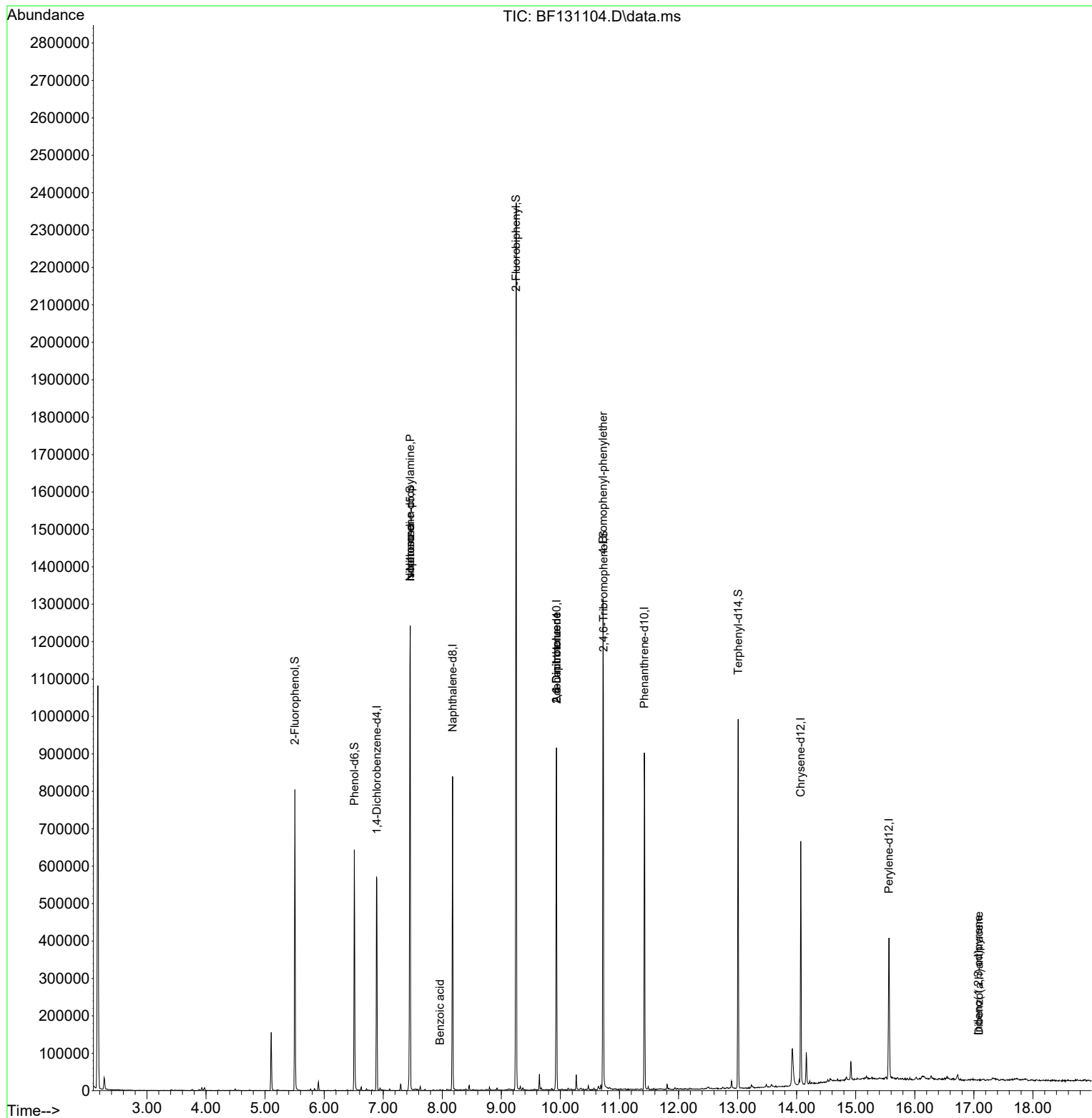
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	84996	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	321070	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	175901	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	325654	20.000	ng	0.00
76) Chrysene-d12	14.069	240	204028	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	160489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	181188	36.252	ng	0.00
7) Phenol-d6	6.510	99	179718	27.504	ng	-0.01
23) Nitrobenzene-d5	7.457	82	402948	56.625	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	146970	80.846	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	653464	51.860	ng	0.00
79) Terphenyl-d14	13.010	244	301621	25.920	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	55152	12.855	ng	# 74
25) Isophorone	7.457	82	402943	36.621	ng	# 68
32) Benzoic acid	7.963	122	230	5.779	ng	# 12
51) 2,6-Dinitrotoluene	9.934	165	22490	8.179	ng	# 14
57) 2,4-Dinitrotoluene	9.934	165	22490	6.153	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	9199	2.498	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.074	276	295	3.886	ng	# 52
91) Dibenzo(a,h)anthracene	17.086	278	207	3.857	ng	# 57

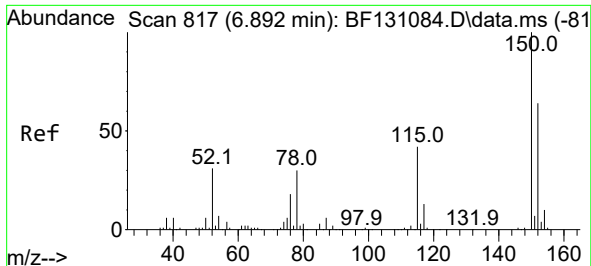
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131104.D
Acq On : 10 Nov 2022 00:06
Operator : CG\JU
Sample : N5360-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:34:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration

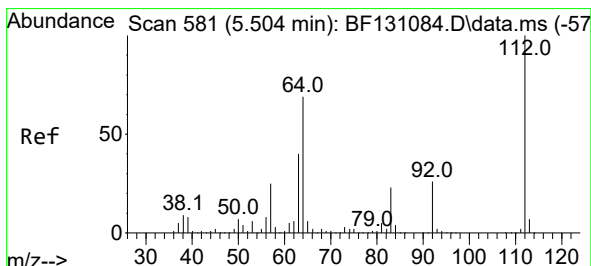
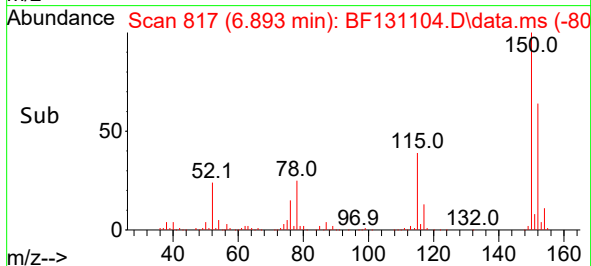
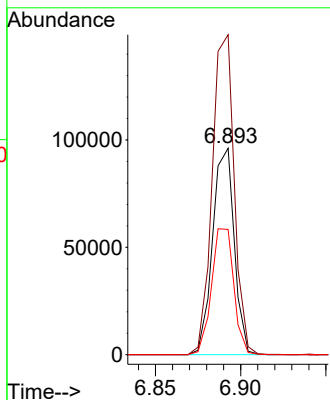
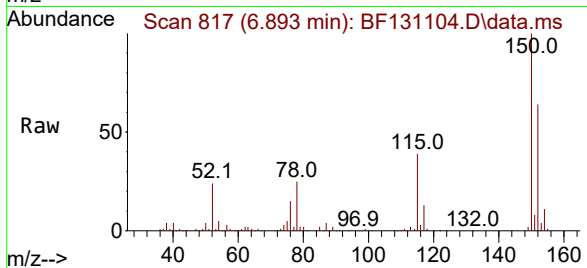




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

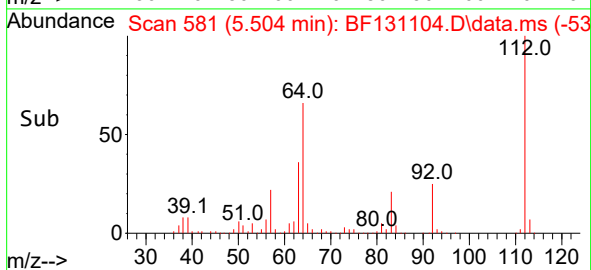
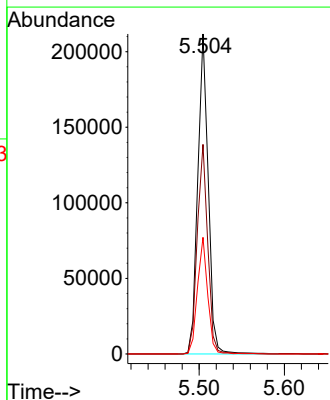
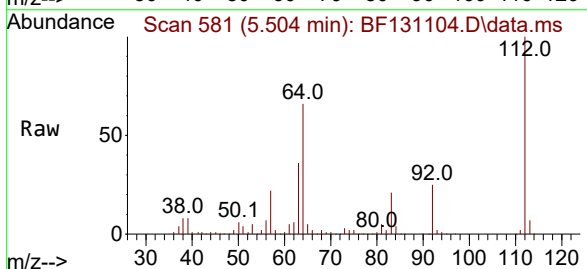
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

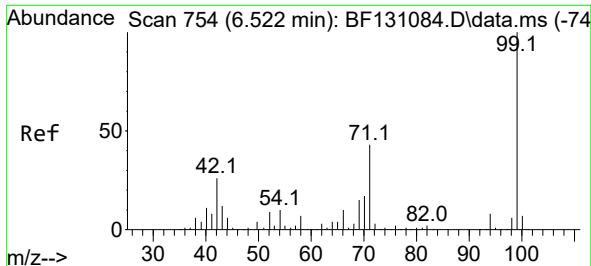
Tgt Ion:152 Resp: 84996
Ion Ratio Lower Upper
152 100
150 155.0 125.5 188.3
115 60.7 52.2 78.2



#5
2-Fluorophenol
Concen: 36.252 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

Tgt Ion:112 Resp: 181188
Ion Ratio Lower Upper
112 100
64 65.5 55.1 82.7
63 36.5 32.4 48.6

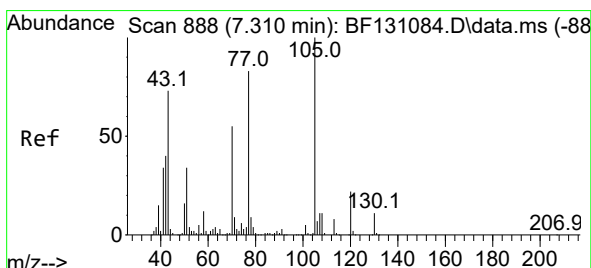
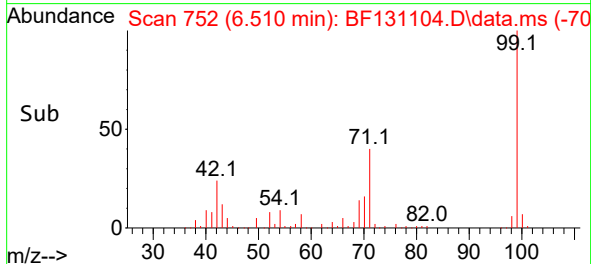
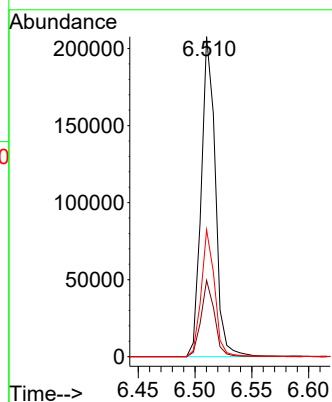
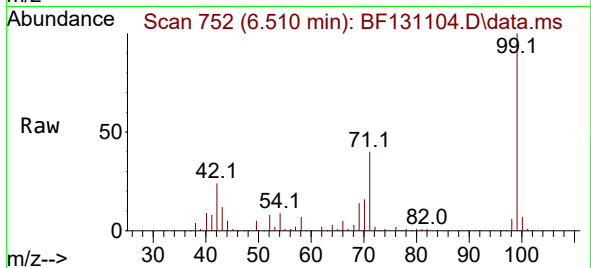




#7
Phenol-d6
Concen: 27.504 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

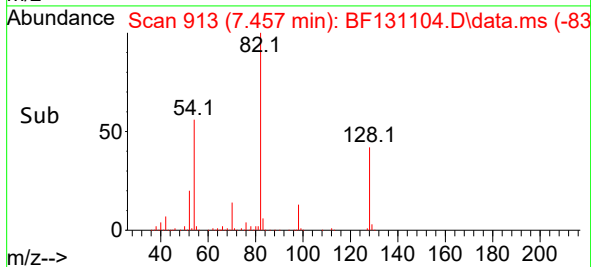
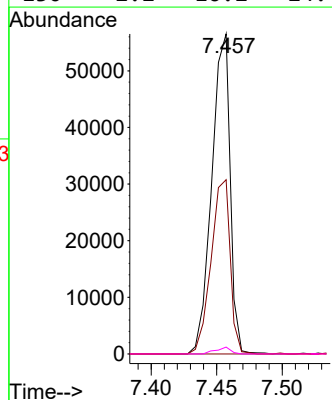
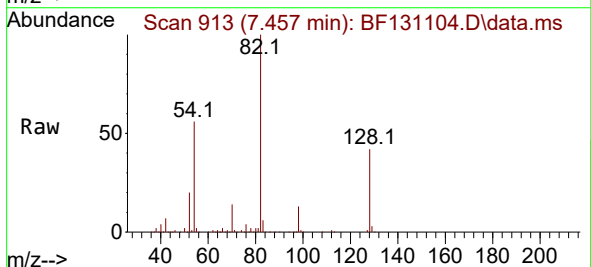
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

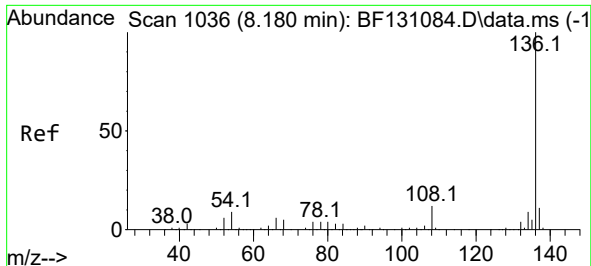
Tgt Ion: 99 Resp: 179718
Ion Ratio Lower Upper
99 100
42 23.9 20.8 31.2
71 39.7 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.855 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

Tgt Ion: 70 Resp: 55152
Ion Ratio Lower Upper
70 100
42 54.4 58.3 87.5#
101 0.0 7.4 11.2#
130 2.2 16.2 24.4#



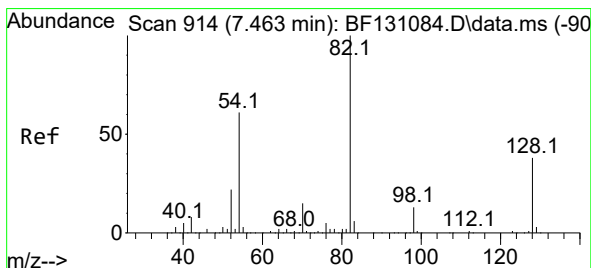
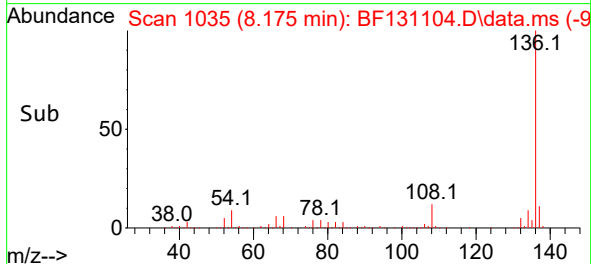
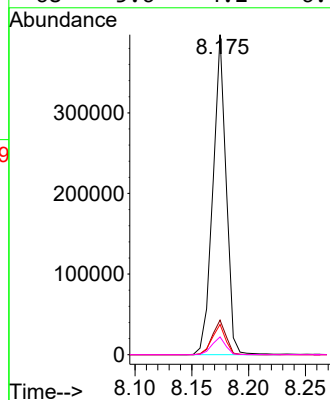
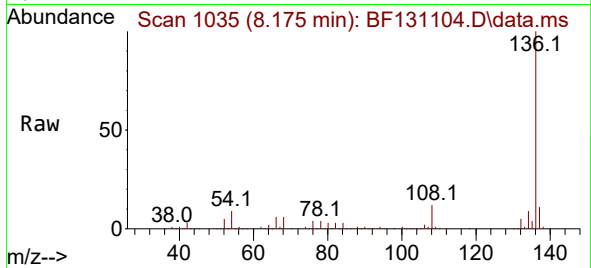


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

Instrument : BNA_F
ClientSampleId : DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

Tgt Ion:136 Resp: 321070

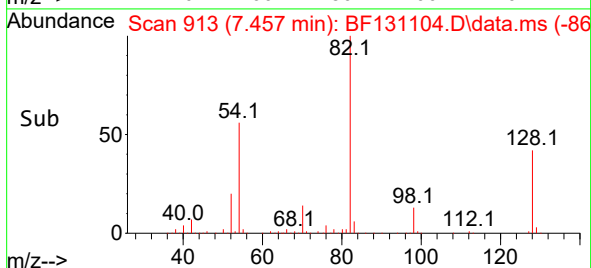
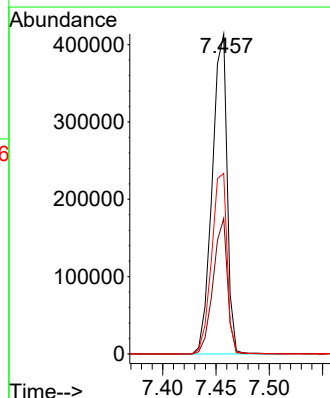
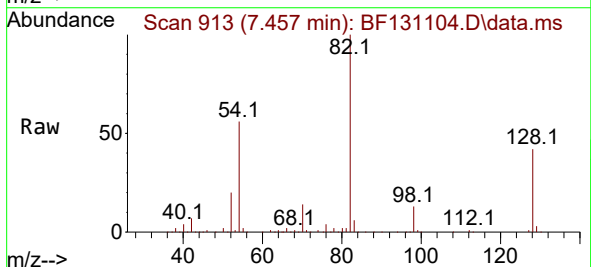
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.5	7.2	10.8
68	5.6	4.2	6.4

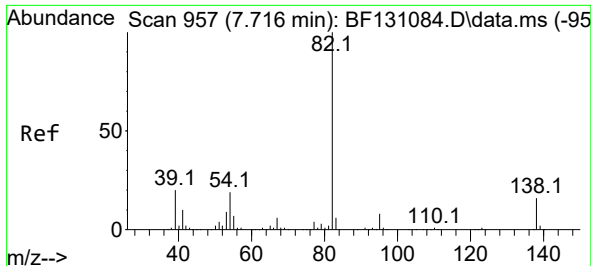


#23
Nitrobenzene-d5
Concen: 56.625 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

Tgt Ion: 82 Resp: 402948

Ion	Ratio	Lower	Upper
82	100		
128	42.3	30.5	45.7
54	56.5	49.1	73.7

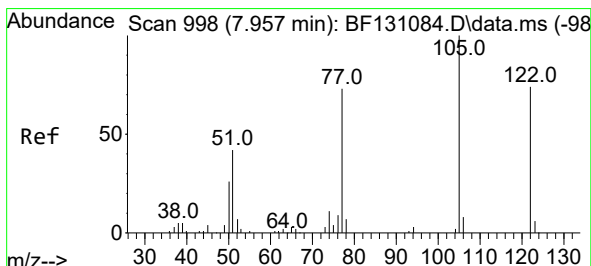
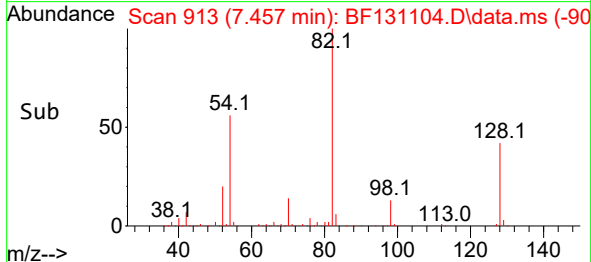
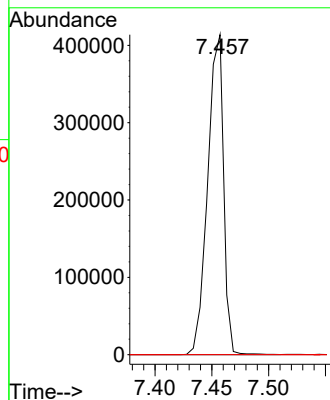
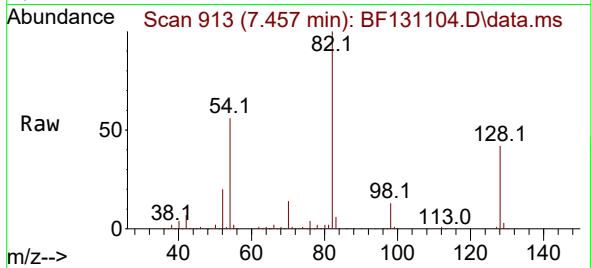




#25
Isophorone
Concen: 36.621 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

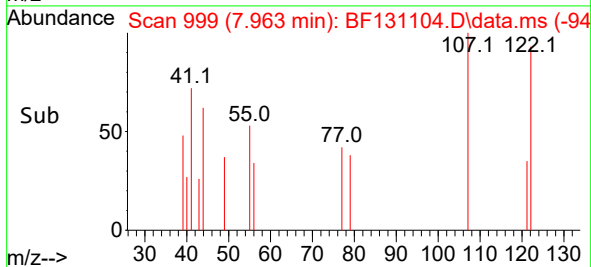
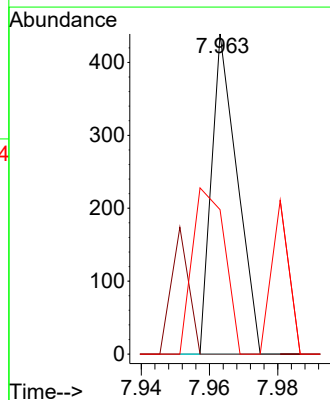
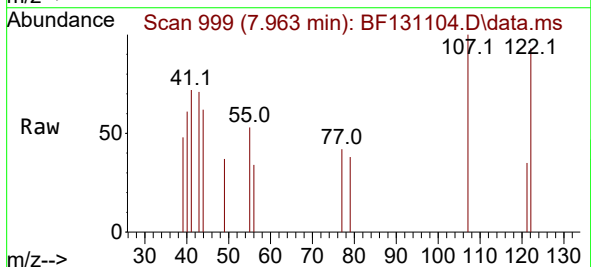
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

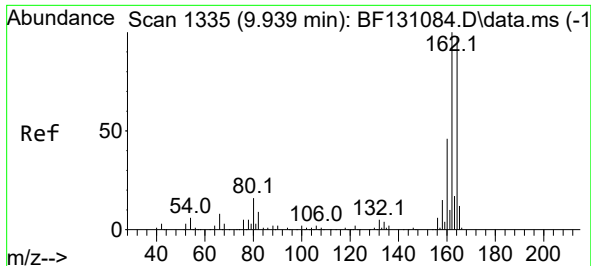
Tgt Ion: 82 Resp: 402943
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.779 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.006 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

Tgt Ion: 122 Resp: 230
Ion Ratio Lower Upper
122 100
105 0.0 113.0 153.0#
77 45.1 78.7 118.7#

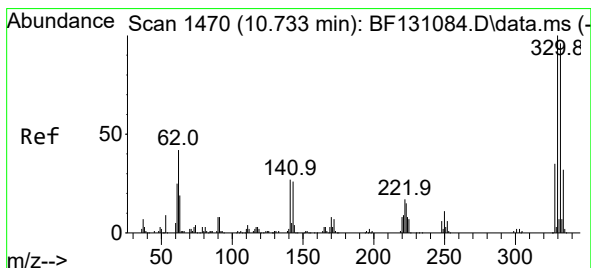
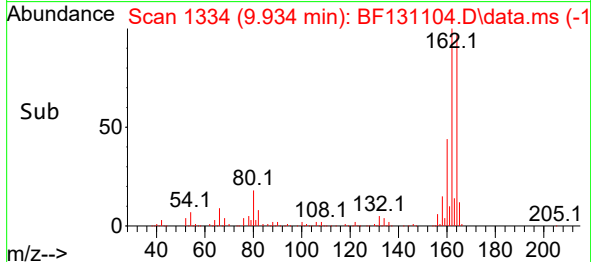
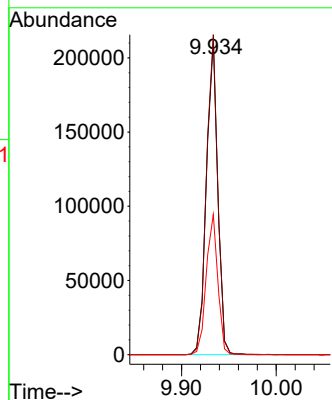
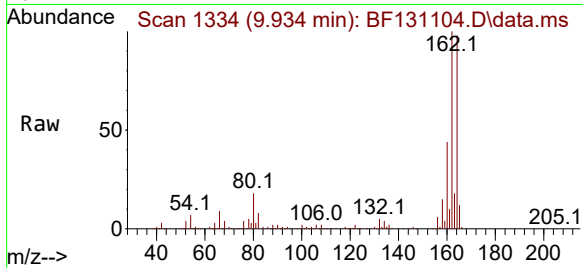




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

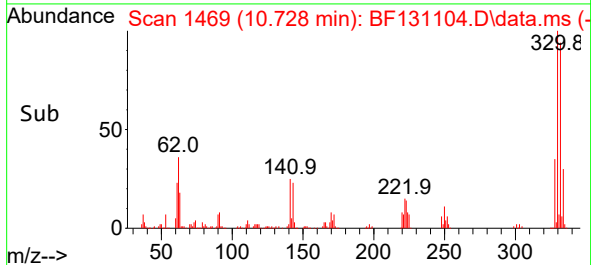
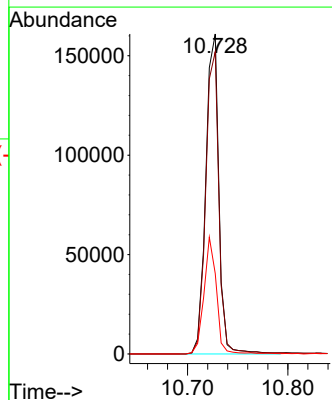
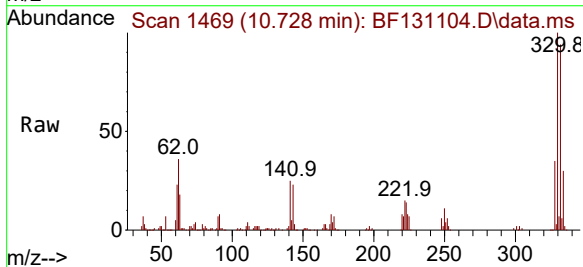
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

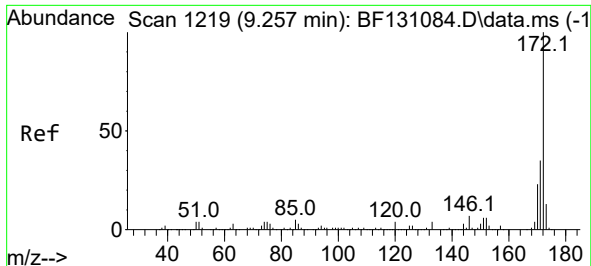
Tgt Ion:164 Resp: 175901
Ion Ratio Lower Upper
164 100
162 101.9 81.7 122.5
160 44.7 37.4 56.2



#42
2,4,6-Tribromophenol
Concen: 80.846 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

Tgt Ion:330 Resp: 146970
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 34.7 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 51.860 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131104.D

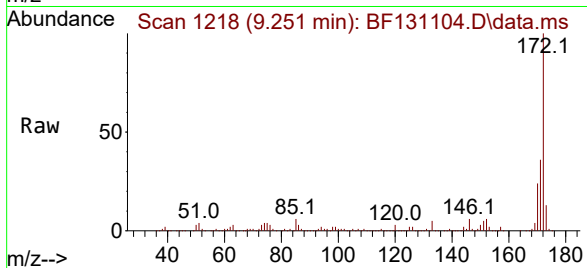
Acq: 10 Nov 2022 00:06

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE



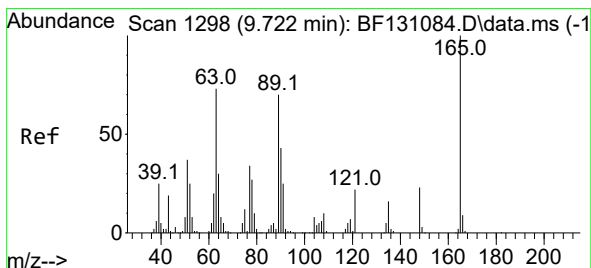
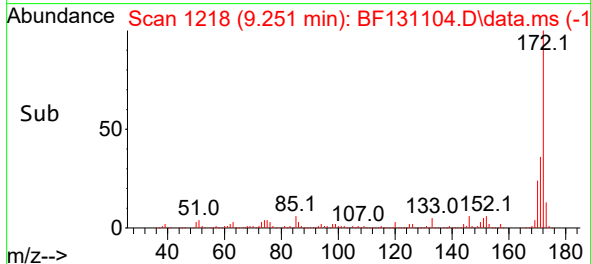
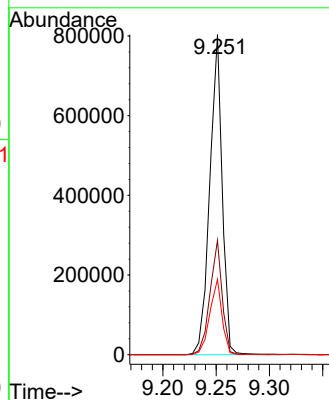
Tgt Ion:172 Resp: 653464

Ion Ratio Lower Upper

172 100

171 35.8 27.7 41.5

170 23.6 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.179 ng

RT: 9.934 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131104.D

Acq: 10 Nov 2022 00:06

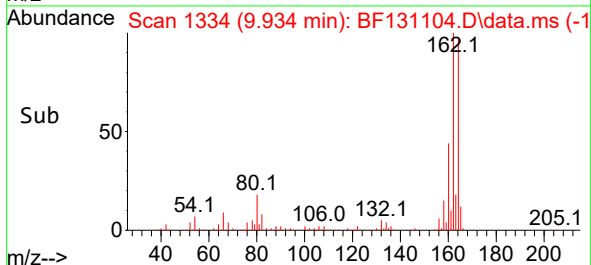
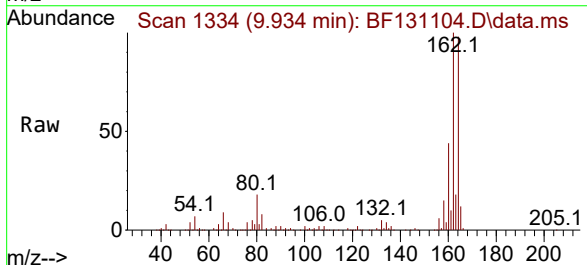
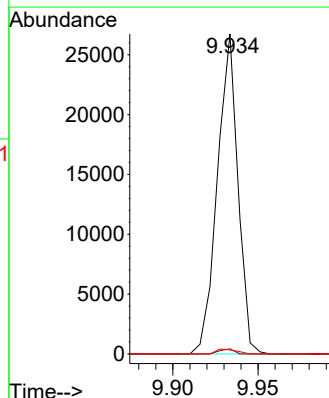
Tgt Ion:165 Resp: 22490

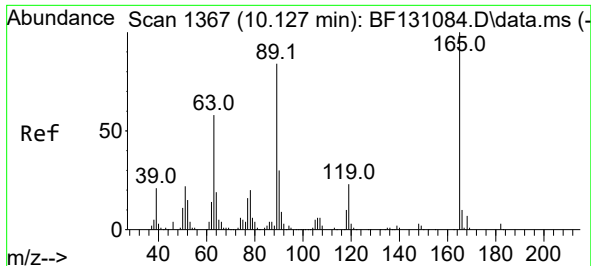
Ion Ratio Lower Upper

165 100

63 1.6 61.4 92.2#

89 1.2 56.0 84.0#

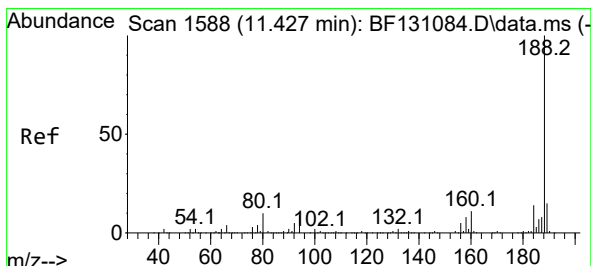
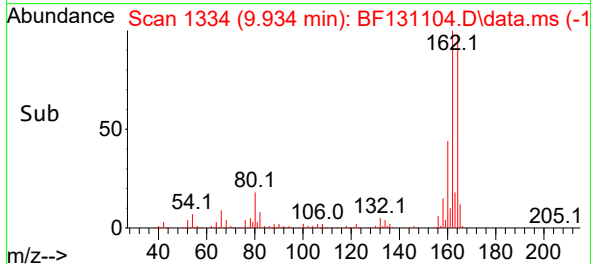
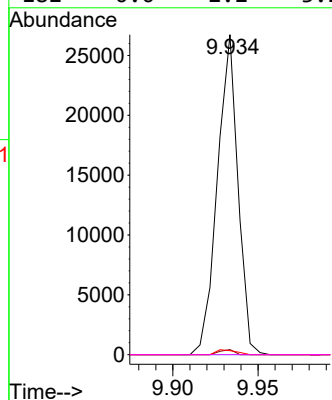
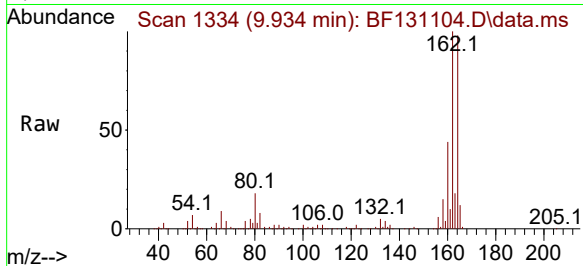




#57
2,4-Dinitrotoluene
Concen: 6.153 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

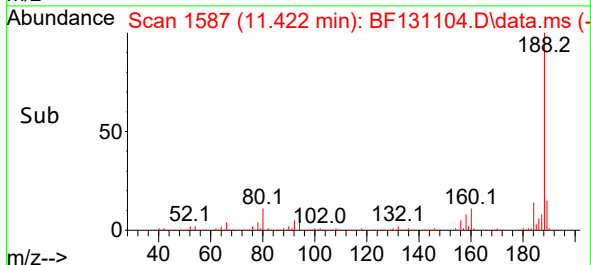
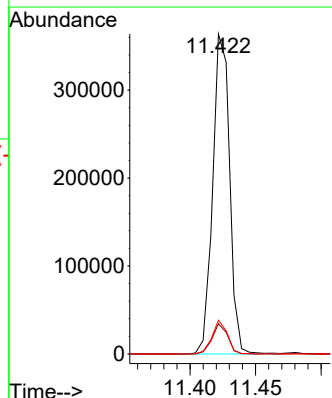
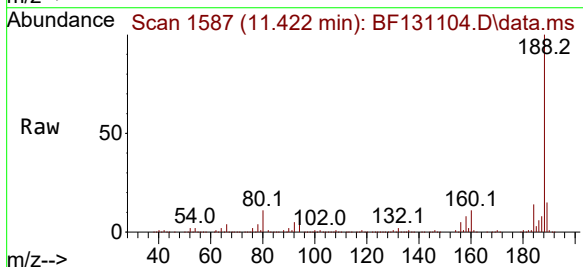
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

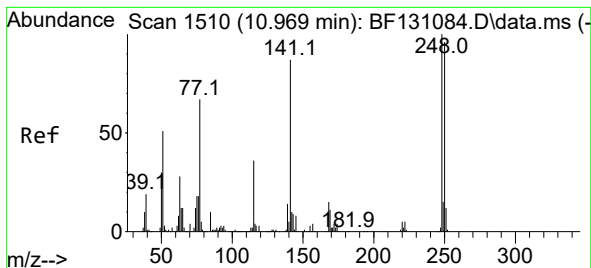
Tgt Ion:165 Resp: 22490
Ion Ratio Lower Upper
165 100
63 1.6 46.9 70.3#
89 1.2 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

Tgt Ion:188 Resp: 325654
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.5 7.9 11.9

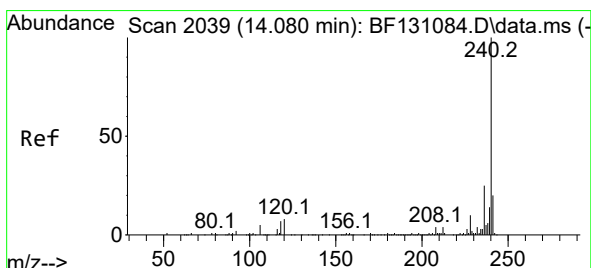
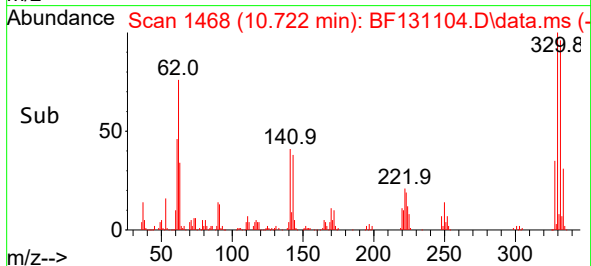
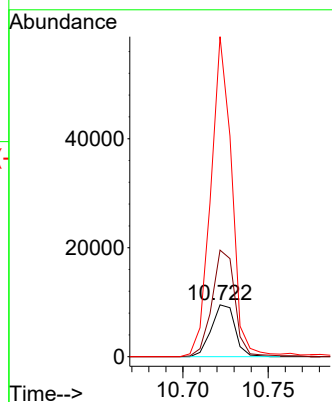
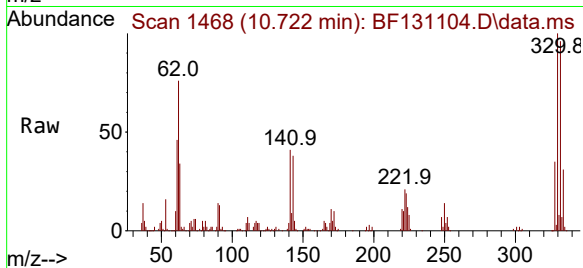




#67
4-Bromophenyl-phenylether
Concen: 2.498 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

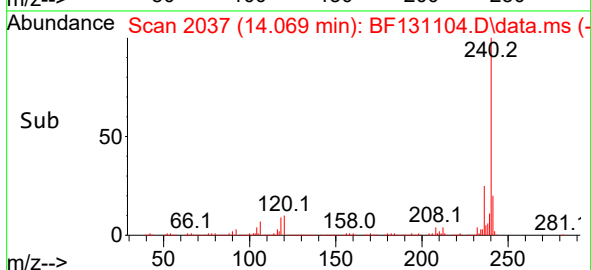
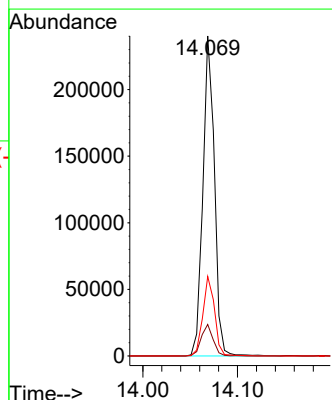
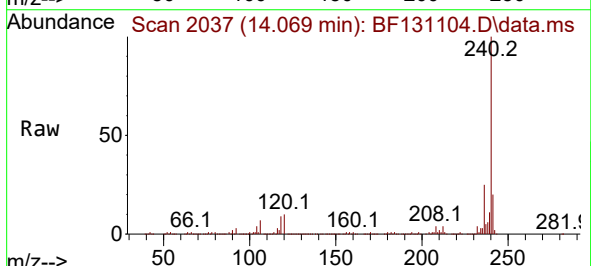
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

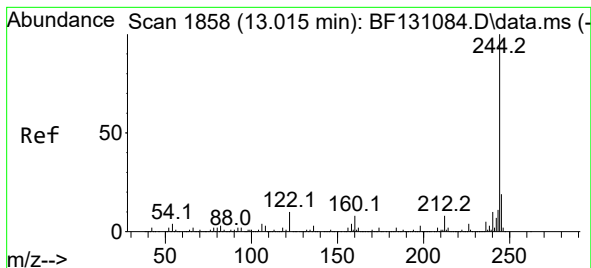
Tgt Ion:248 Resp: 9199
Ion Ratio Lower Upper
248 100
250 205.6 77.0 115.6#
141 617.6 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BF131104.D
Acq: 10 Nov 2022 00:06

Tgt Ion:240 Resp: 204028
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 24.8 19.7 29.5





#79

Terphenyl-d14

Concen: 25.920 ng

RT: 13.010 min Scan# 1857

Delta R.T. -0.005 min

Lab File: BF131104.D

Acq: 10 Nov 2022 00:06

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

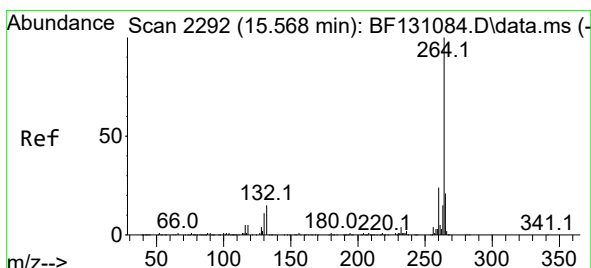
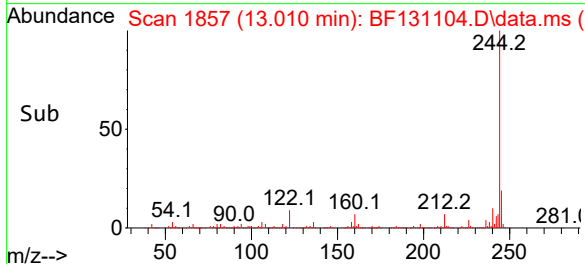
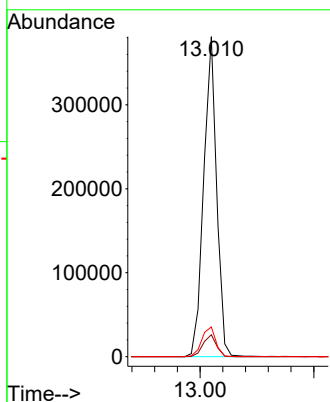
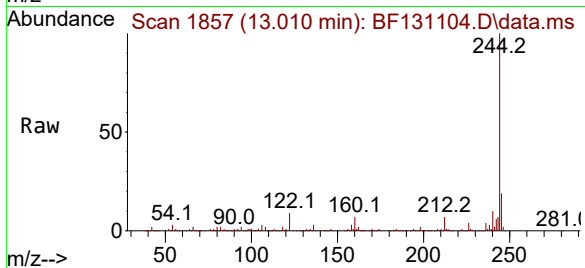
Tgt Ion:244 Resp: 301621

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

122 9.3 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2291

Delta R.T. -0.006 min

Lab File: BF131104.D

Acq: 10 Nov 2022 00:06

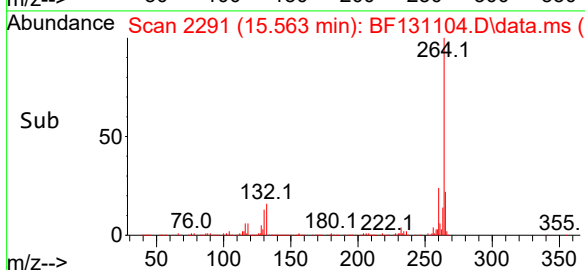
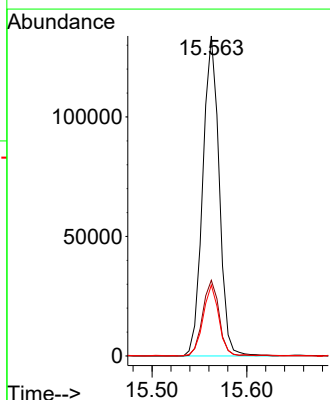
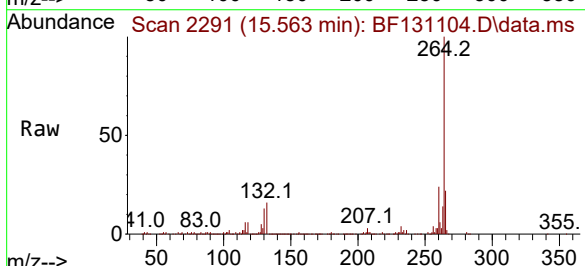
Tgt Ion:264 Resp: 160489

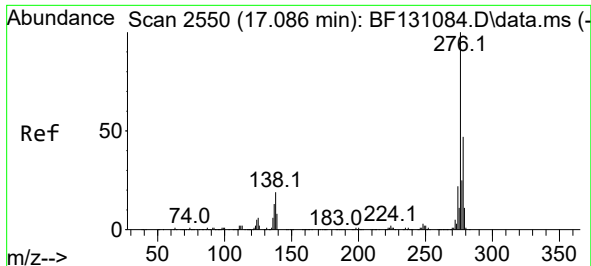
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 22.2 16.7 25.1

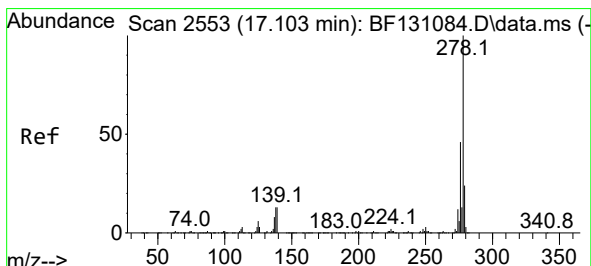
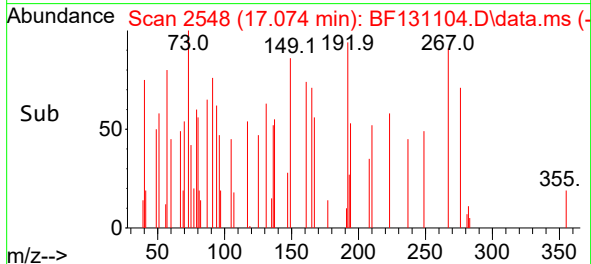
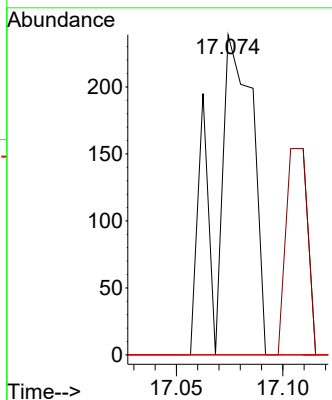
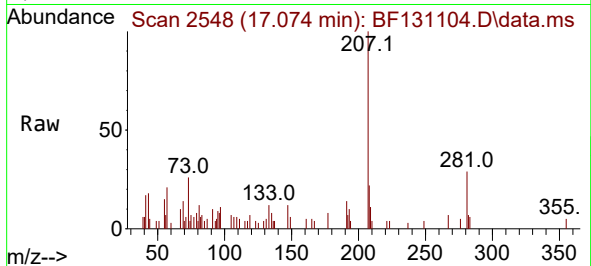




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.886 ng
 RT: 17.074 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF131104.D
 Acq: 10 Nov 2022 00:06

Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-20221171-COMP-06-MODIFIED-ELUTRIATE

Tgt Ion:276 Resp: 295
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.9 25.3#
 277 0.0 20.3 30.5#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.857 ng
 RT: 17.086 min Scan# 2550
 Delta R.T. -0.017 min
 Lab File: BF131104.D
 Acq: 10 Nov 2022 00:06

Tgt Ion:278 Resp: 207
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.8 16.2#
 279 0.0 19.2 28.8#

