

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131101.D
 Acq On : 09 Nov 2022 22:36
 Operator : CG\JU
 Sample : N5360-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-20221175-COMP-10-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:34:07 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)

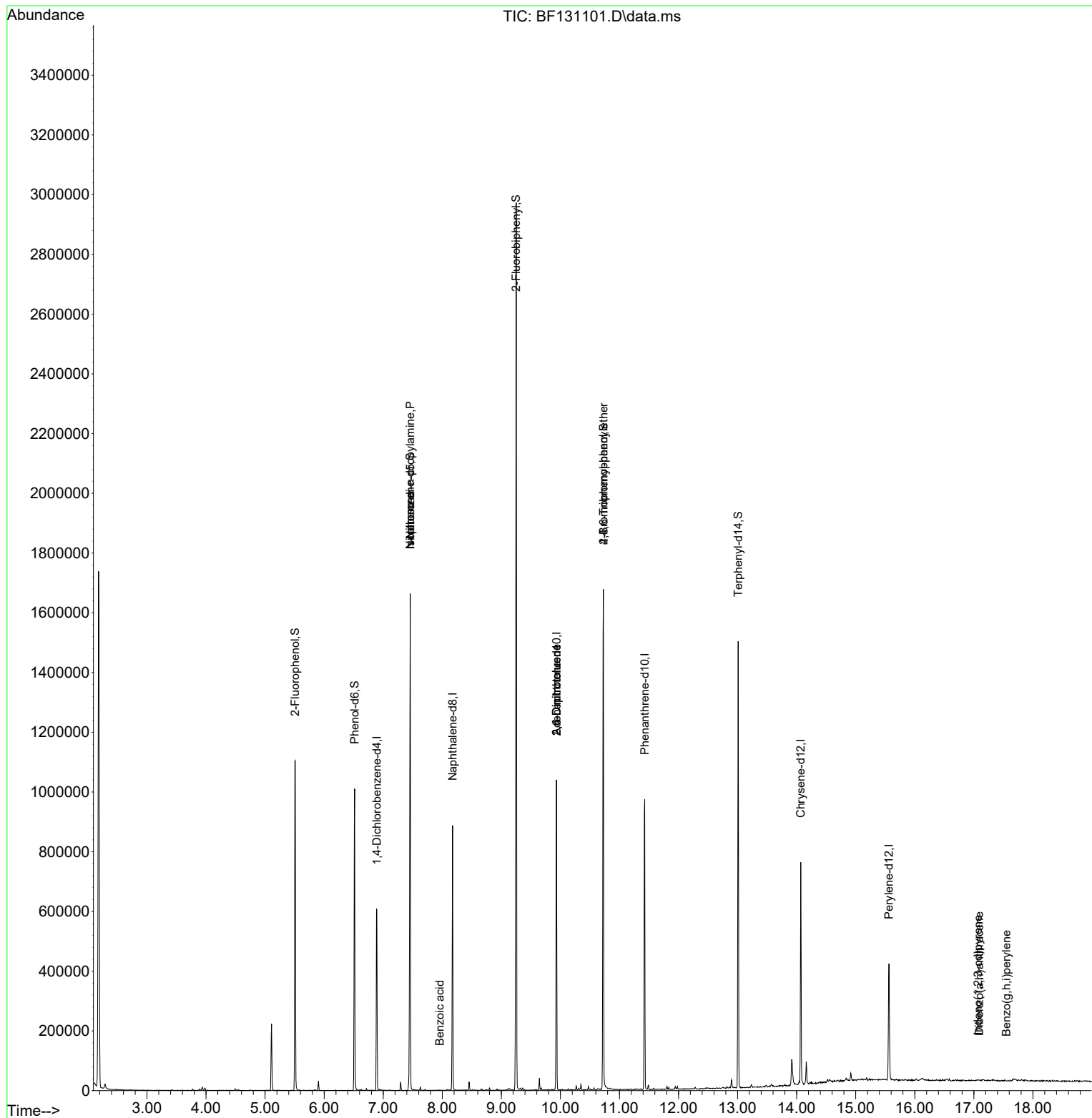
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	89864	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	347845	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	192190	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	360270	20.000	ng	0.00
76) Chrysene-d12	14.069	240	233515	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	171953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	279093	52.816	ng	0.00
7) Phenol-d6	6.516	99	298565	43.218	ng	0.00
23) Nitrobenzene-d5	7.457	82	519467	67.380	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	194895	98.123	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	887229	64.444	ng	0.00
79) Terphenyl-d14	13.010	244	461382	34.642	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	70896	15.630	ng	# 74
25) Isophorone	7.457	82	519460	43.577	ng	# 68
32) Benzoic acid	7.957	122	69	5.734	ng	# 30
51) 2,6-Dinitrotoluene	9.934	165	24560	8.175	ng	# 14
57) 2,4-Dinitrotoluene	9.934	165	24560	6.149	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	12142	2.980	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.068	276	388	3.890	ng	# 67
91) Dibenzo(a,h)anthracene	17.092	278	145	3.851	ng	# 57
92) Benzo(g,h,i)perylene	17.551	276	119	4.375	ng	# 55

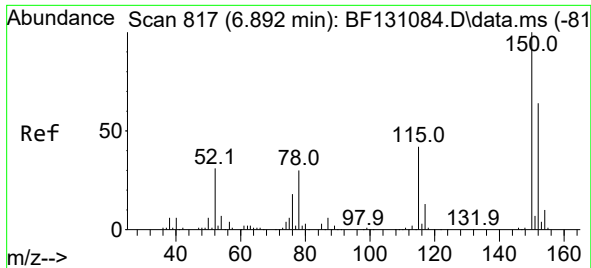
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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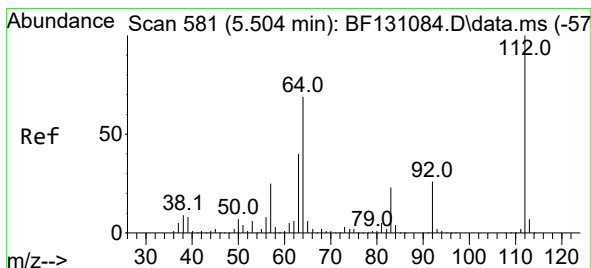
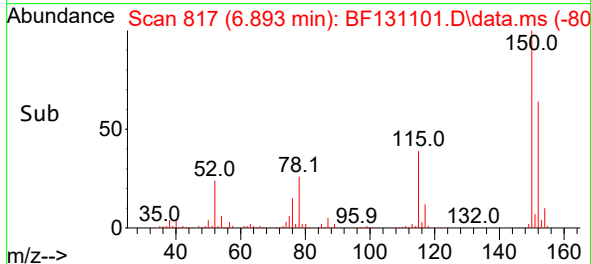
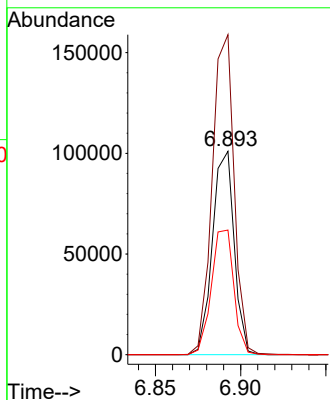
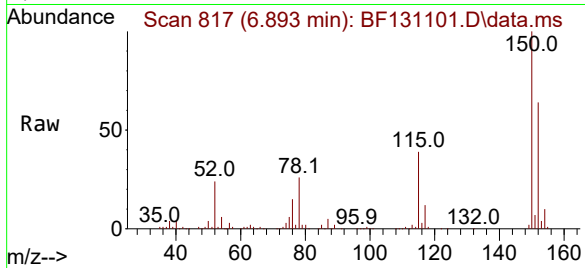




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

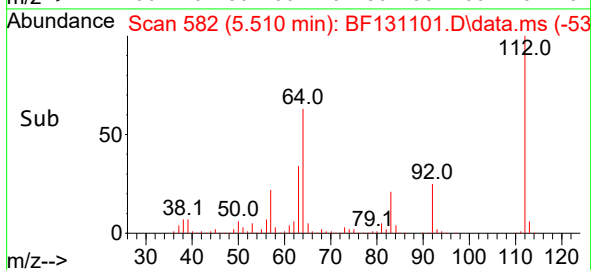
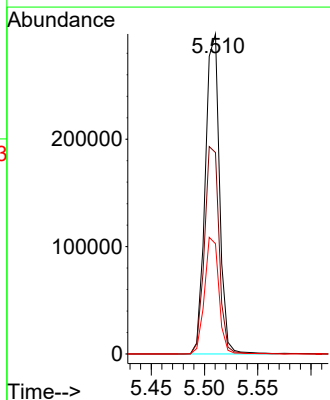
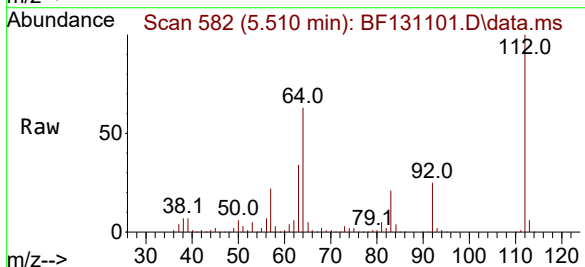
Instrument :
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DISSOLVED-20221175-COMP-10-MODIFIED-ELUTRIATE

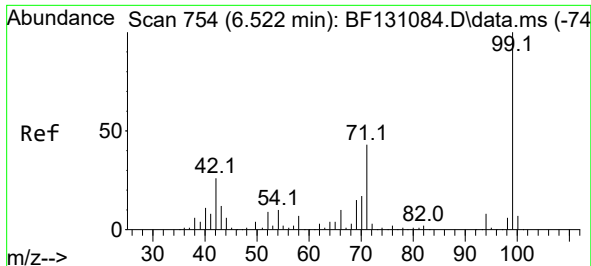
Tgt Ion:152 Resp: 89864
Ion Ratio Lower Upper
152 100
150 157.3 125.5 188.3
115 61.3 52.2 78.2



#5
2-Fluorophenol
Concen: 52.816 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

Tgt Ion:112 Resp: 279093
Ion Ratio Lower Upper
112 100
64 63.0 55.1 82.7
63 34.4 32.4 48.6

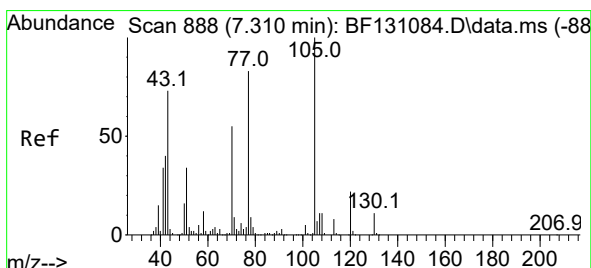
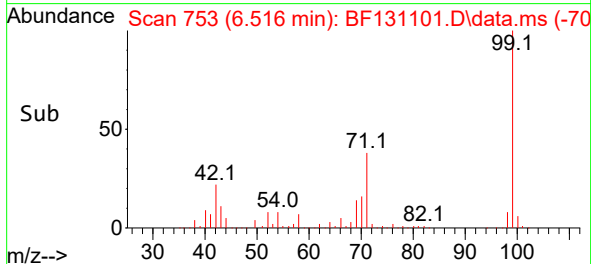
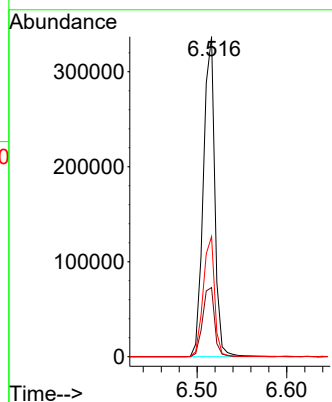
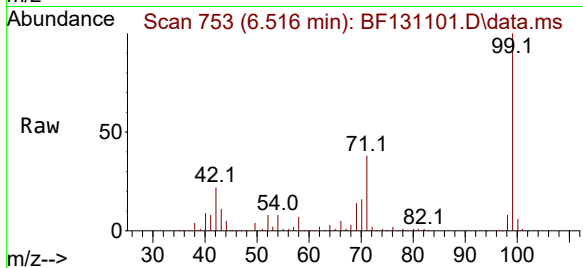




#7
Phenol-d6
Concen: 43.218 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

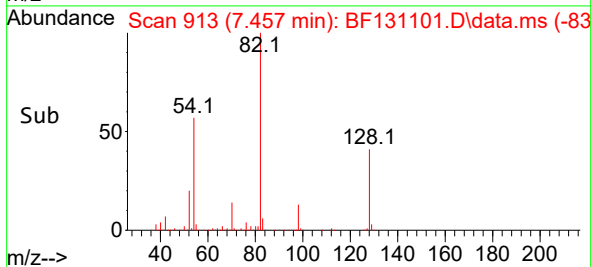
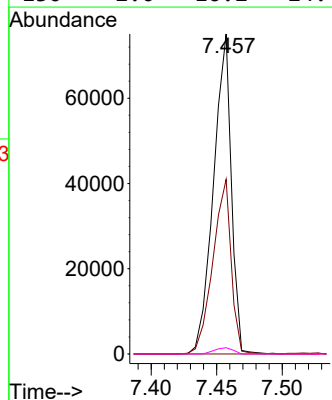
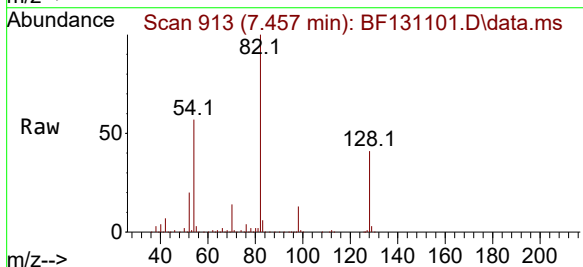
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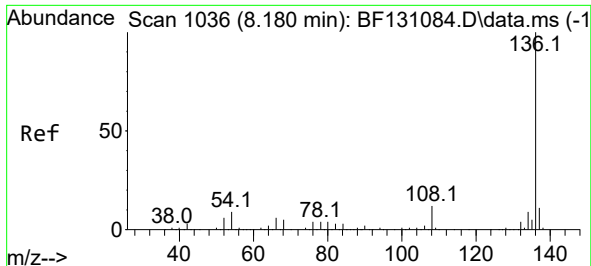
Tgt Ion: 99 Resp: 298565
Ion Ratio Lower Upper
99 100
42 21.6 20.8 31.2
71 37.5 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.630 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

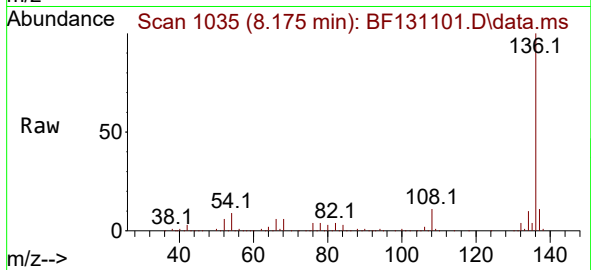
Tgt Ion: 70 Resp: 70896
Ion Ratio Lower Upper
70 100
42 54.5 58.3 87.5#
101 0.0 7.4 11.2#
130 2.0 16.2 24.4#



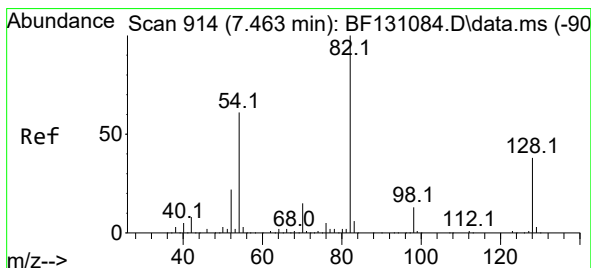
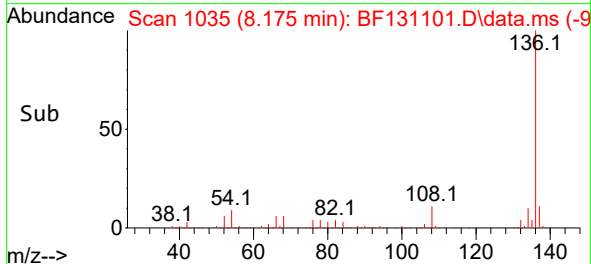
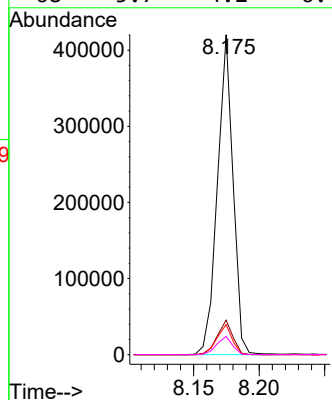


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

Instrument : BNA_F
ClientSampleId : DISSOLVED-20221175-COMP-10-MODIFIED-ELUTRIATE

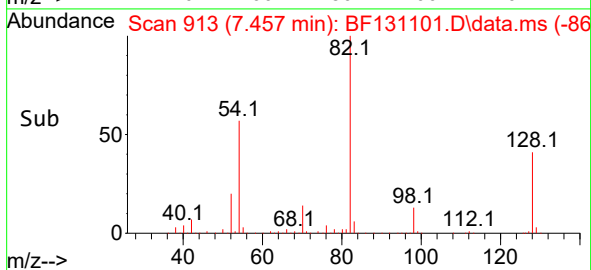
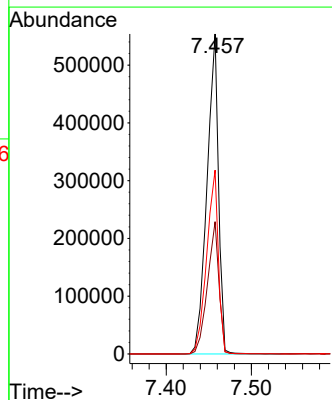
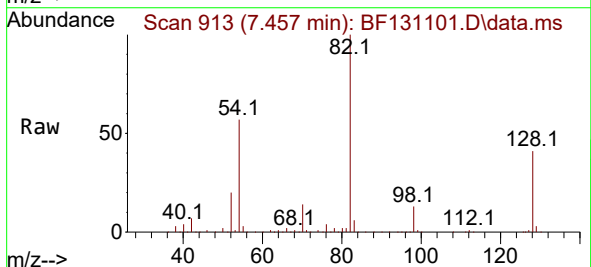


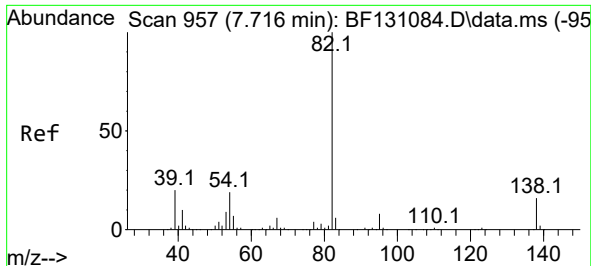
Tgt Ion:136 Resp: 347845
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.4 7.2 10.8
68 5.7 4.2 6.4



#23
Nitrobenzene-d5
Concen: 67.380 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

Tgt Ion: 82 Resp: 519467
Ion Ratio Lower Upper
82 100
128 41.3 30.5 45.7
54 57.4 49.1 73.7

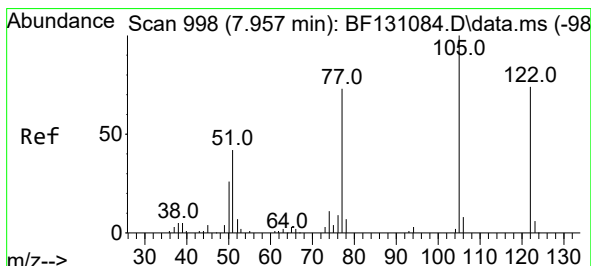
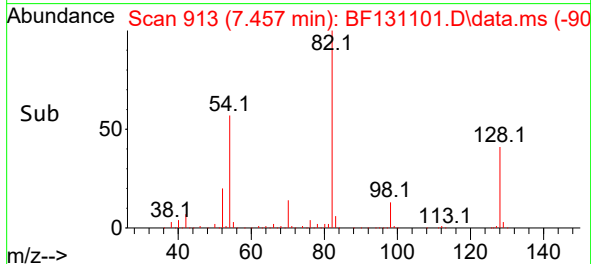
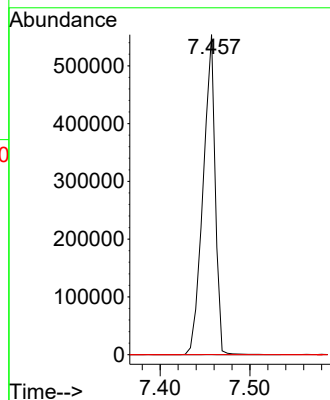
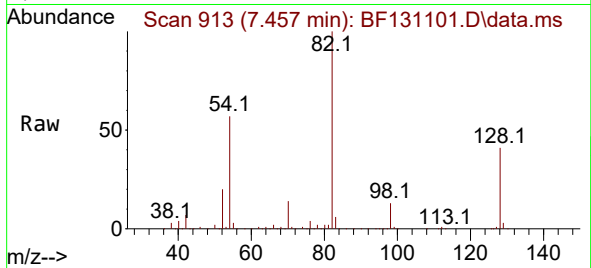




#25
Isophorone
Concen: 43.577 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

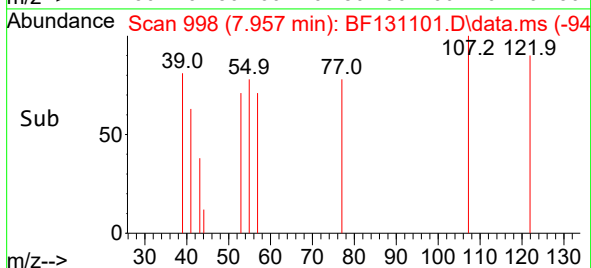
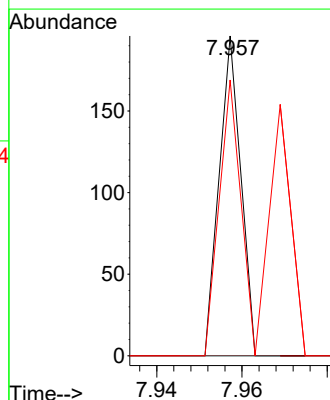
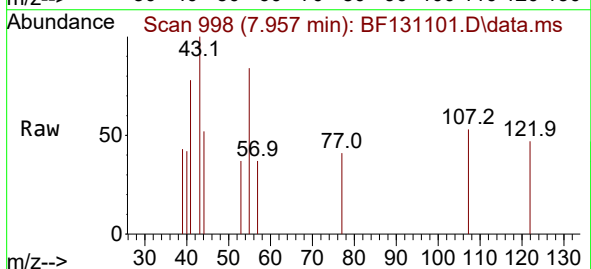
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221175-COMP-10-MODIFIED-ELUTRIATE

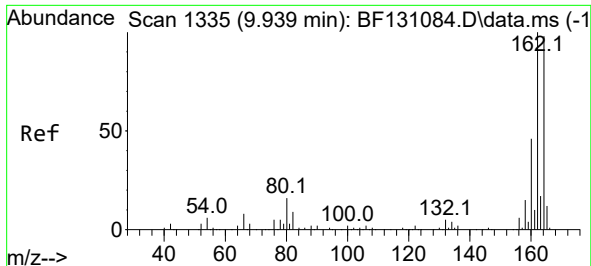
Tgt Ion: 82 Resp: 519460
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.734 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

Tgt Ion: 122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 113.0 153.0#
77 86.2 78.7 118.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF131101.D

Acq: 09 Nov 2022 22:36

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-20221175-COMP-10-MODIFIED-ELUTRIATE

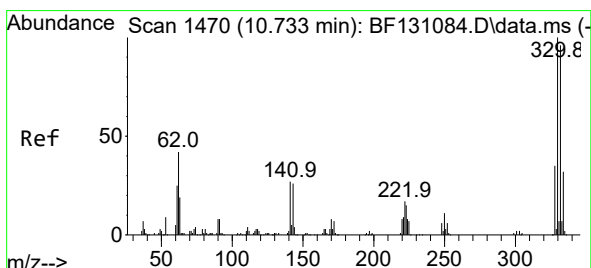
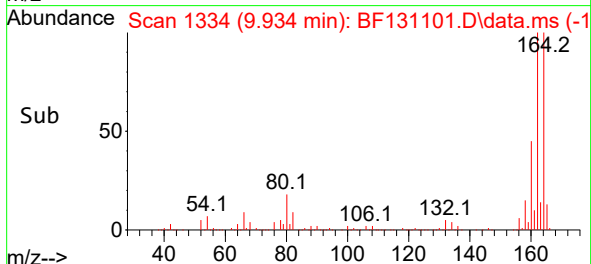
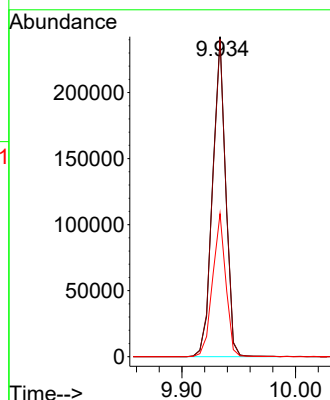
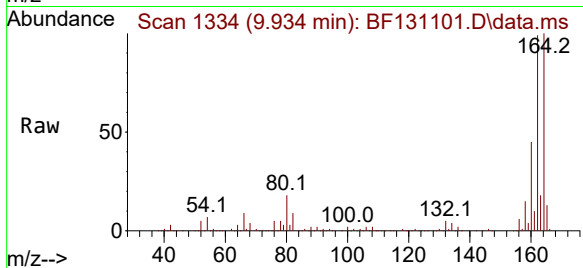
Tgt Ion:164 Resp: 192190

Ion Ratio Lower Upper

164 100

162 99.3 81.7 122.5

160 44.7 37.4 56.2



#42

2,4,6-Tribromophenol

Concen: 98.123 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131101.D

Acq: 09 Nov 2022 22:36

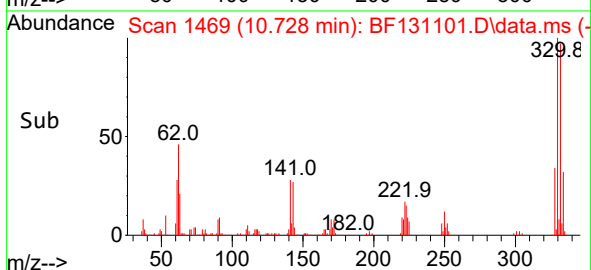
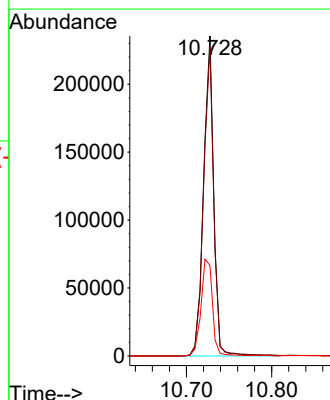
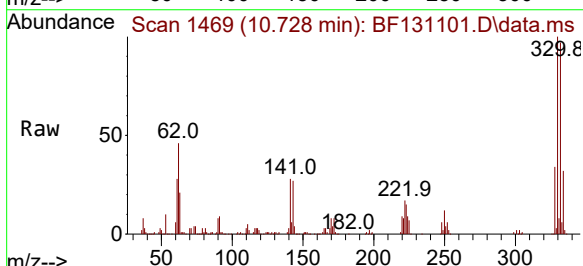
Tgt Ion:330 Resp: 194895

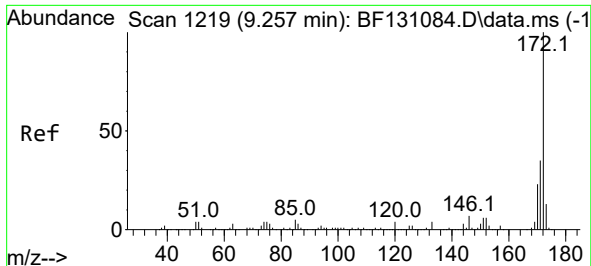
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.4

141 34.6 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 64.444 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131101.D

Acq: 09 Nov 2022 22:36

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-20221175-COMP-10-MODIFIED-ELUTRIATE

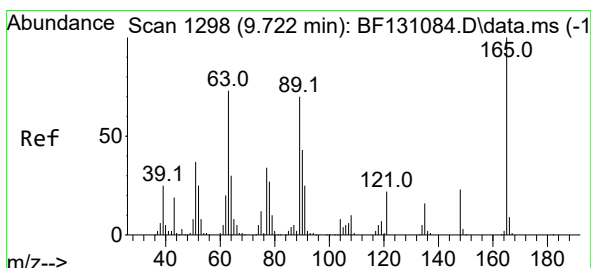
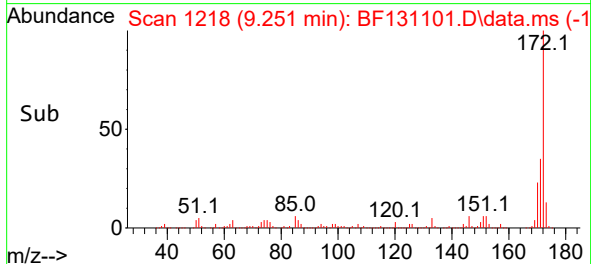
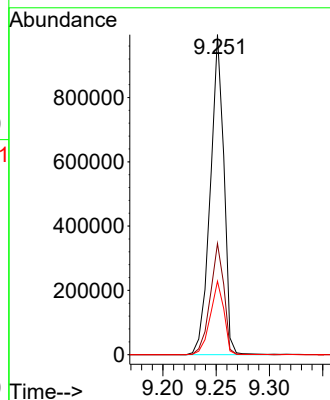
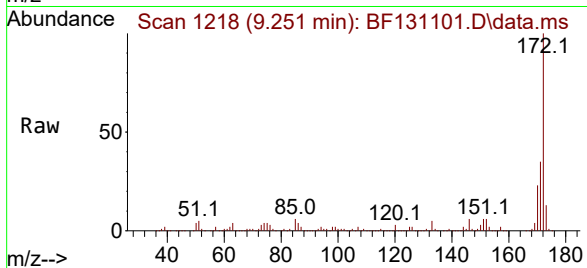
Tgt Ion:172 Resp: 887229

Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 22.9 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.175 ng

RT: 9.934 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131101.D

Acq: 09 Nov 2022 22:36

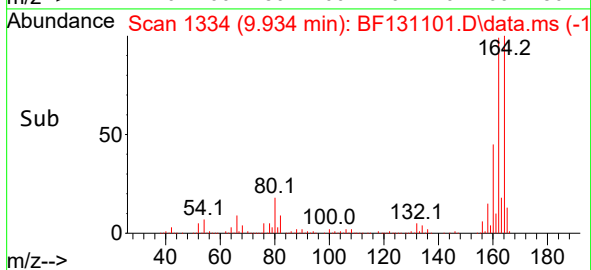
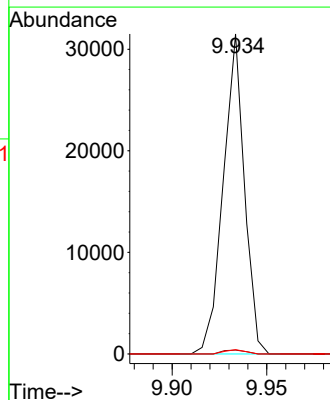
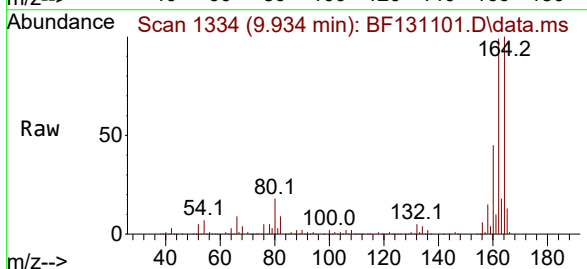
Tgt Ion:165 Resp: 24560

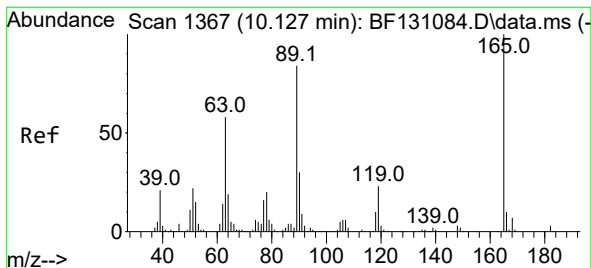
Ion Ratio Lower Upper

165 100

63 1.2 61.4 92.2#

89 1.4 56.0 84.0#

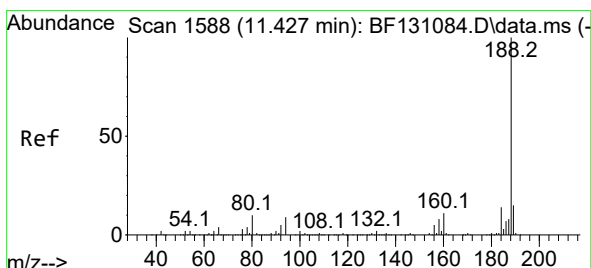
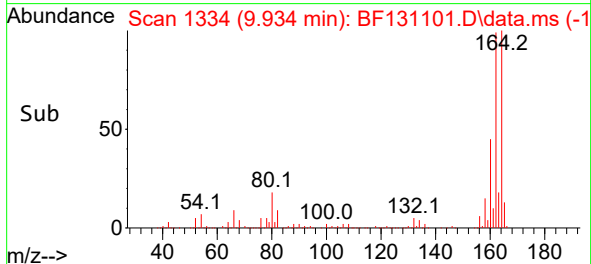
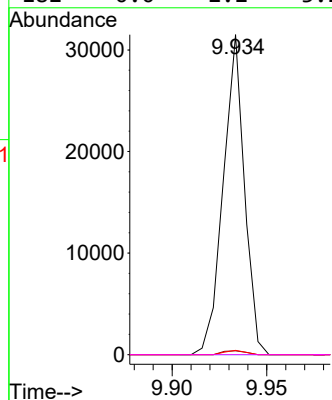
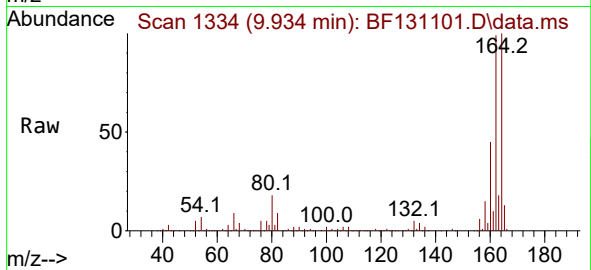




#57
2,4-Dinitrotoluene
Concen: 6.149 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

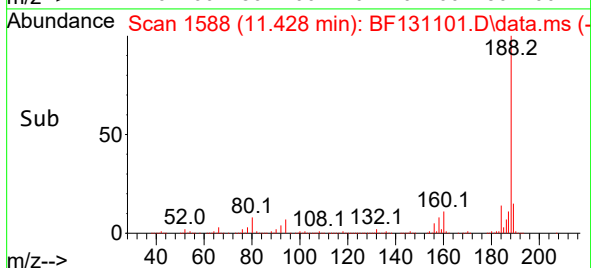
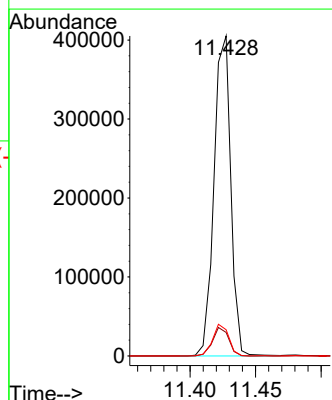
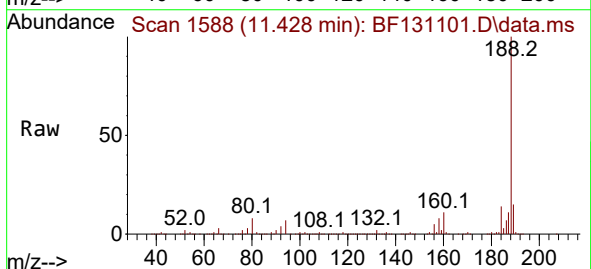
Instrument :
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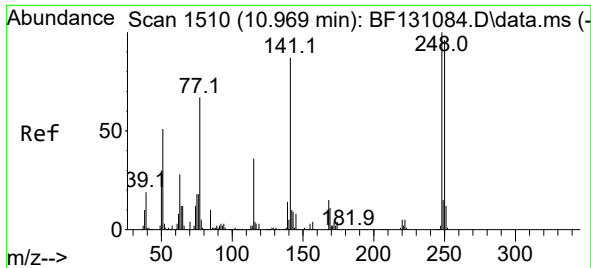
Tgt Ion:165 Resp: 24560
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.4 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.001 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

Tgt Ion:188 Resp: 360270
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 8.2 7.9 11.9

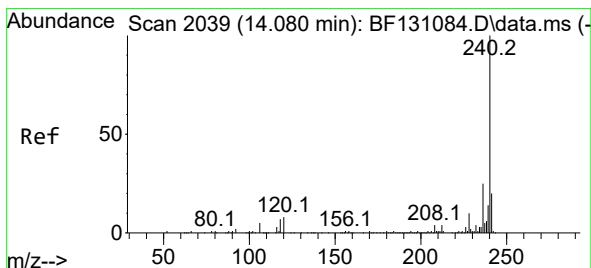
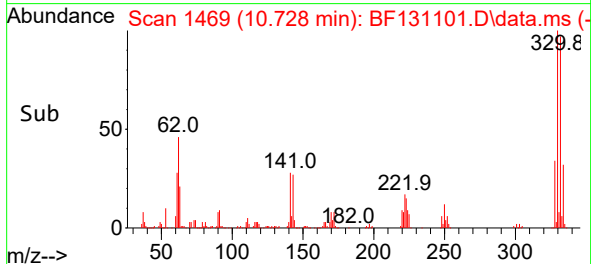
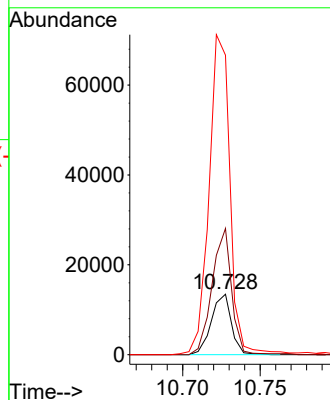
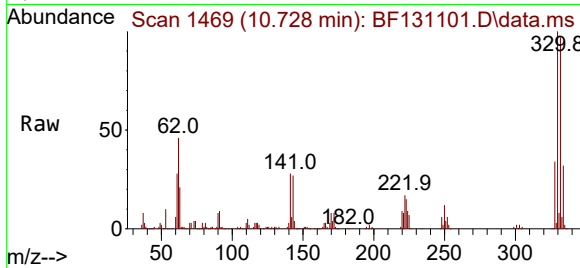




#67
4-Bromophenyl-phenylether
Concen: 2.980 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

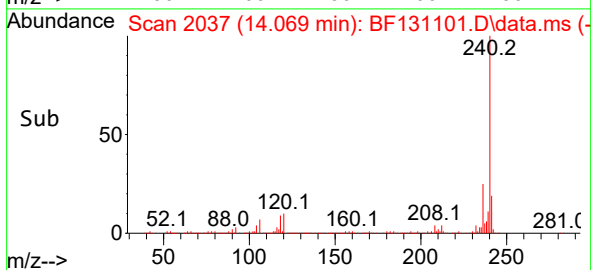
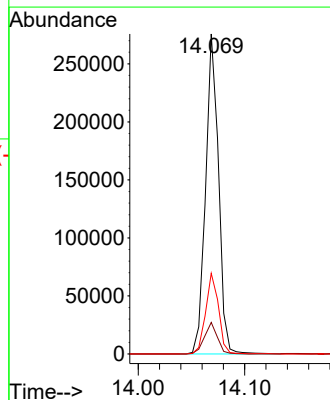
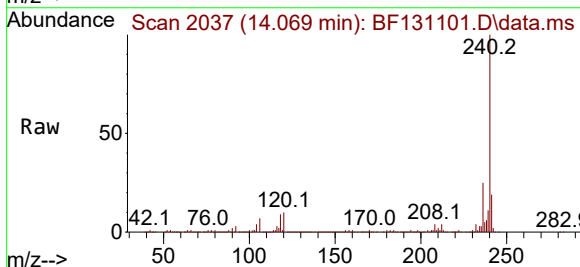
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221175-COMP-10-MODIFIED-ELUTRIATE

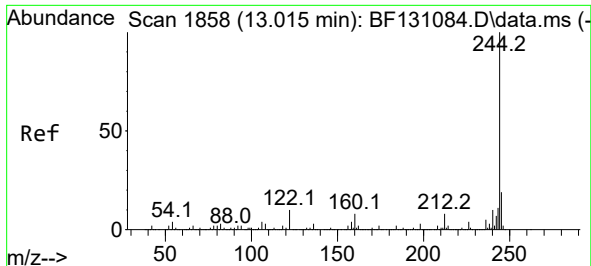
Tgt Ion:248 Resp: 12142
Ion Ratio Lower Upper
248 100
250 208.6 77.0 115.6#
141 495.0 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

Tgt Ion:240 Resp: 233515
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 25.2 19.7 29.5

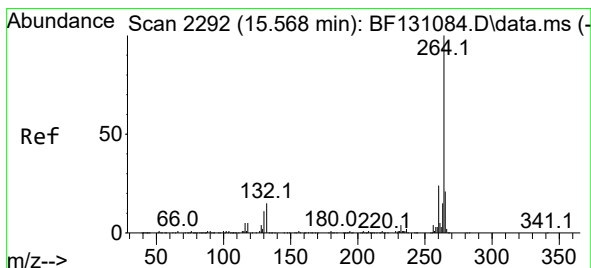
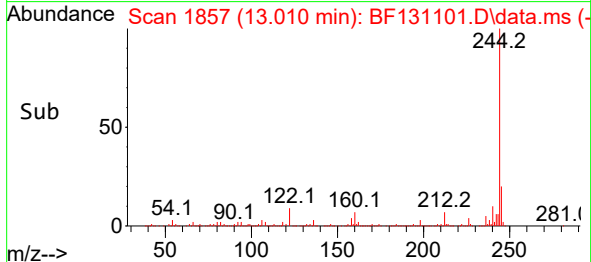
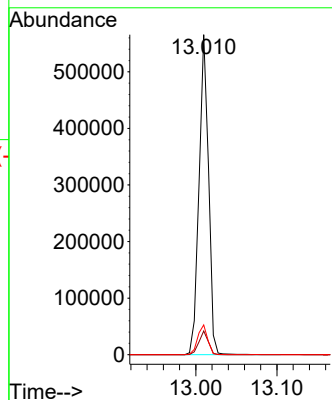
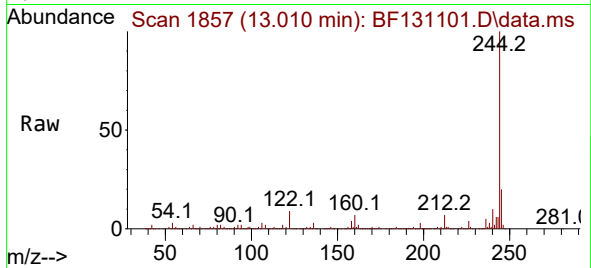




#79
Terphenyl-d14
Concen: 34.642 ng
RT: 13.010 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

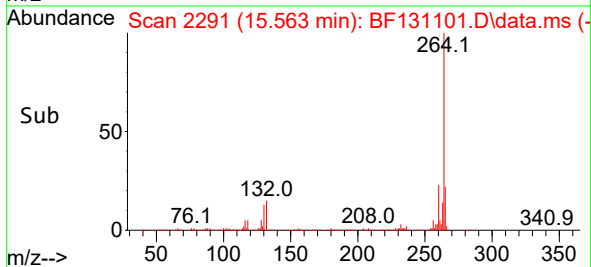
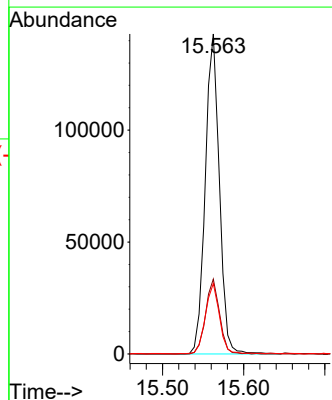
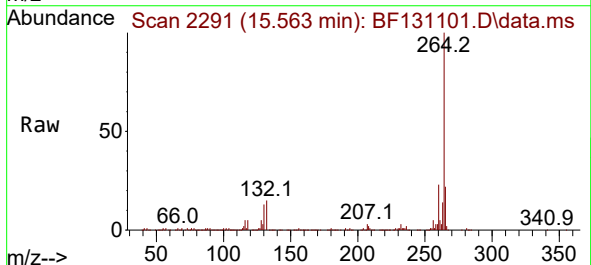
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221175-COMP-10-MODIFIED-ELUTRIATE

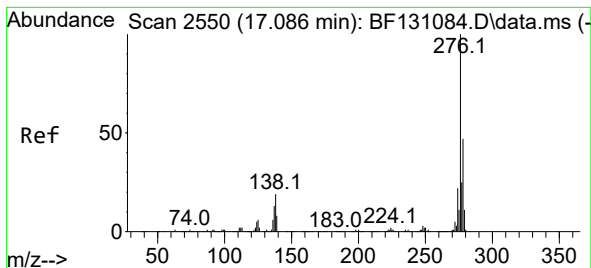
Tgt Ion:244 Resp: 461382
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.3 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF131101.D
Acq: 09 Nov 2022 22:36

Tgt Ion:264 Resp: 171953
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 22.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.890 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF131101.D

Acq: 09 Nov 2022 22:36

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-20221175-COMP-10-MODIFIED-ELUTRIATE

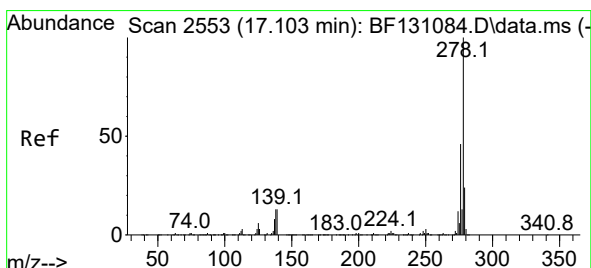
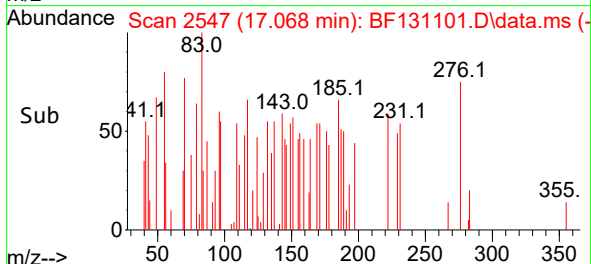
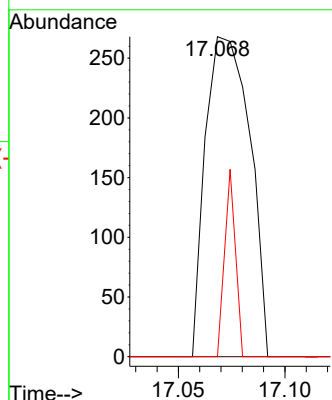
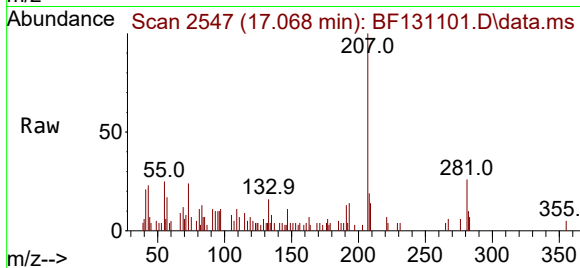
Tgt Ion:276 Resp: 388

Ion Ratio Lower Upper

276 100

138 0.0 16.9 25.3#

277 14.2 20.3 30.5#



#91

Dibenzo(a,h)anthracene

Concen: 3.851 ng

RT: 17.092 min Scan# 2551

Delta R.T. -0.011 min

Lab File: BF131101.D

Acq: 09 Nov 2022 22:36

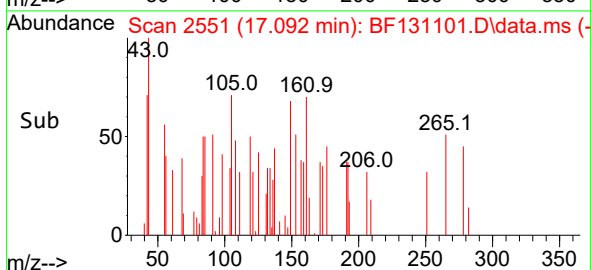
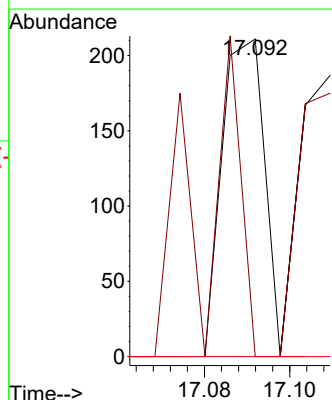
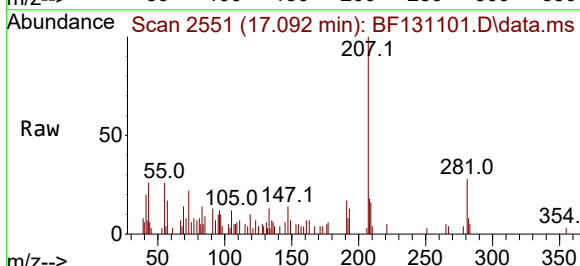
Tgt Ion:278 Resp: 145

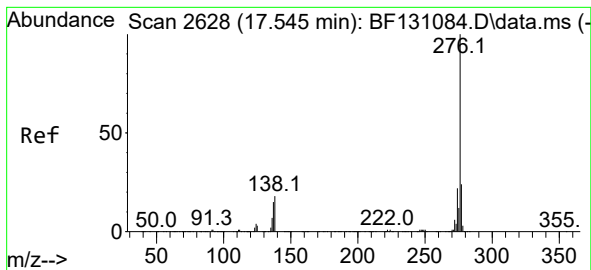
Ion Ratio Lower Upper

278 100

139 0.0 10.8 16.2#

279 0.0 19.2 28.8#





#92

Benzo(g,h,i)perylene

Concen: 4.375 ng

RT: 17.551 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF131101.D

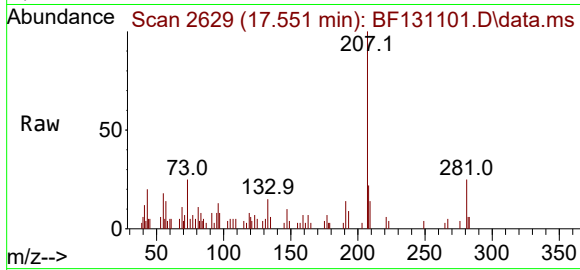
Acq: 09 Nov 2022 22:36

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:276 Resp: 119

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 14.6 21.8#

