

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131103.D
 Acq On : 09 Nov 2022 23:36
 Operator : CG\JU
 Sample : N5360-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-20221169-COMP-04-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:34:38 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)

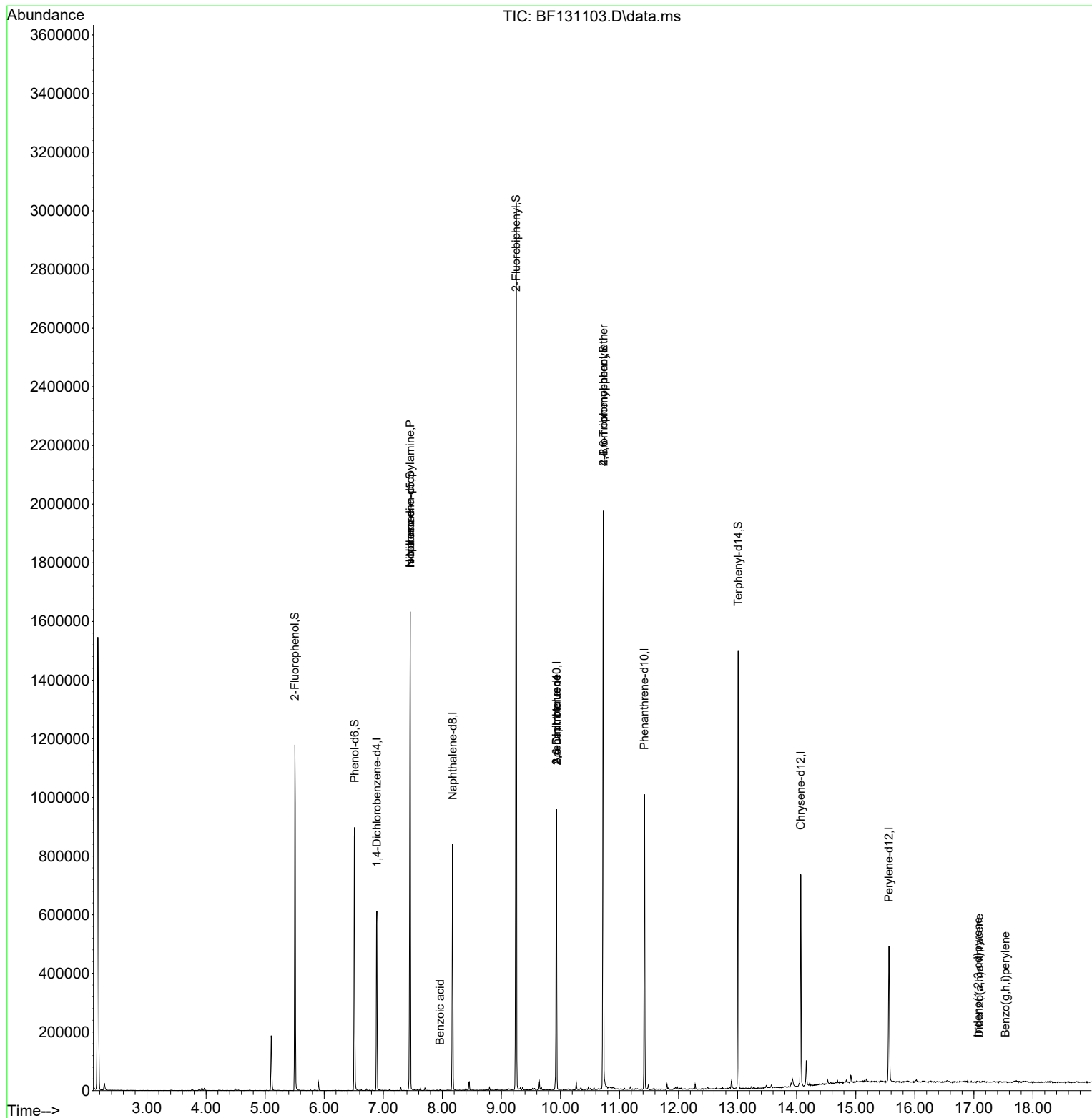
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	86192	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	330951	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	182363	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	366584	20.000	ng	0.00
76) Chrysene-d12	14.068	240	226685	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	204264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	280025	55.250	ng	0.00
7) Phenol-d6	6.516	99	275779	41.620	ng	0.00
23) Nitrobenzene-d5	7.457	82	511181	69.690	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	235857	125.145	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	890099	68.136	ng	0.00
79) Terphenyl-d14	13.010	244	455436	35.226	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	69766	16.036	ng	# 75
25) Isophorone	7.457	82	511177	45.071	ng	# 68
32) Benzoic acid	7.963	122	373	5.814	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	23424	8.217	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	23424	6.181	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	14530	3.505	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.068	276	382	3.886	ng	# 67
91) Dibenzo(a,h)anthracene	17.092	278	144	3.849	ng	# 57
92) Benzo(g,h,i)perylene	17.533	276	335	4.387	ng	# 55

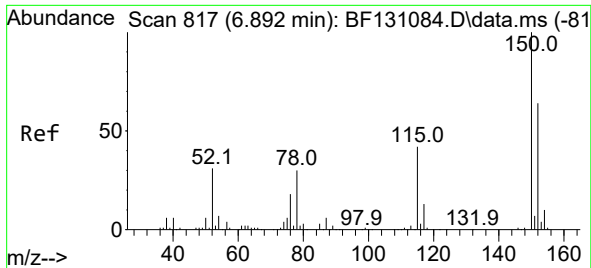
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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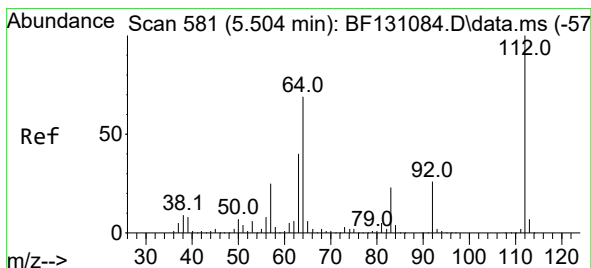
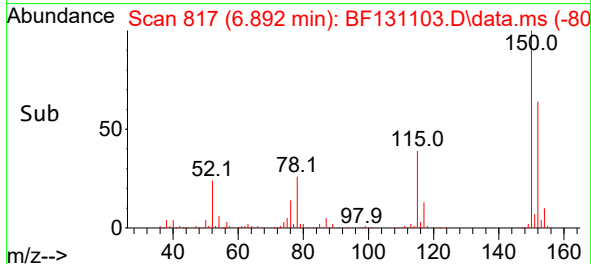
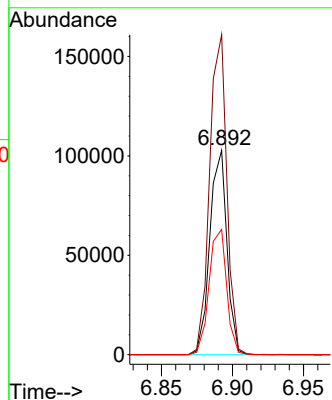
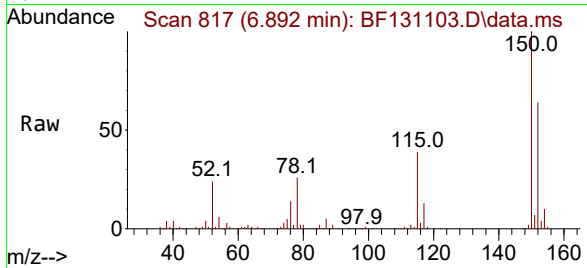




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF131103.D
 Acq: 09 Nov 2022 23:36

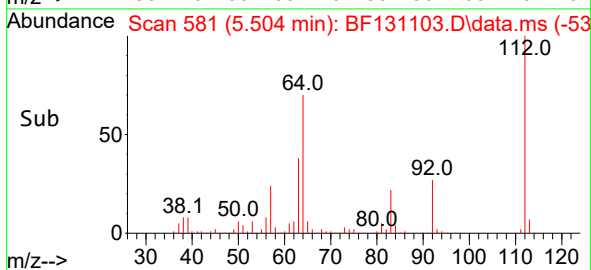
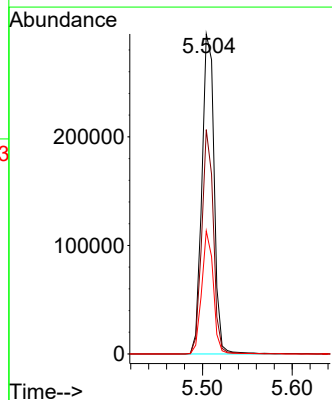
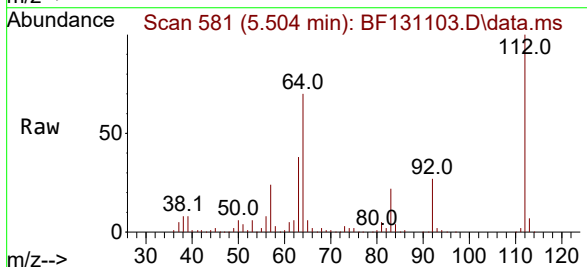
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 ClientSampleId :
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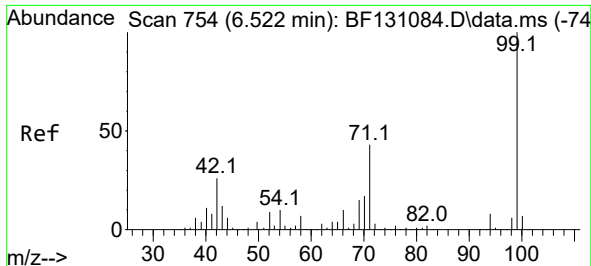
Tgt Ion:152 Resp: 86192
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.5 188.3
 115 61.3 52.2 78.2



#5
 2-Fluorophenol
 Concen: 55.250 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: BF131103.D
 Acq: 09 Nov 2022 23:36

Tgt Ion:112 Resp: 280025
 Ion Ratio Lower Upper
 112 100
 64 70.1 55.1 82.7
 63 38.5 32.4 48.6

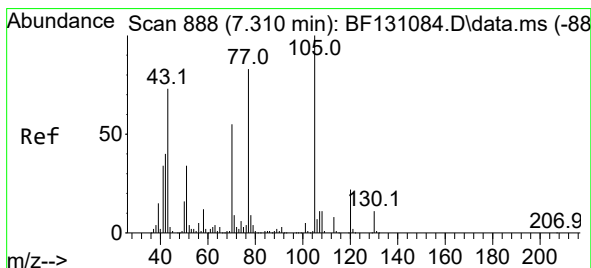
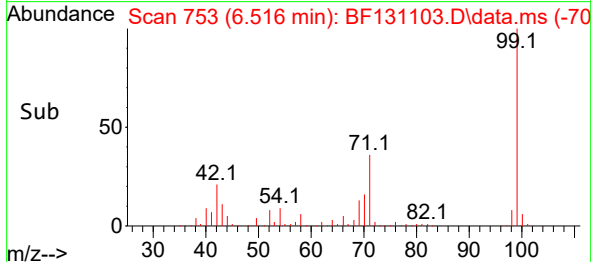
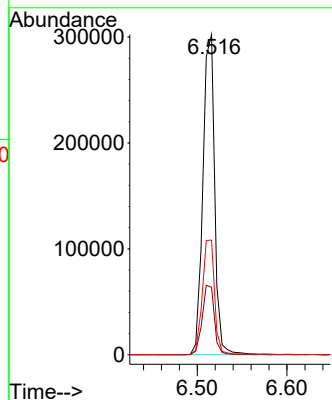
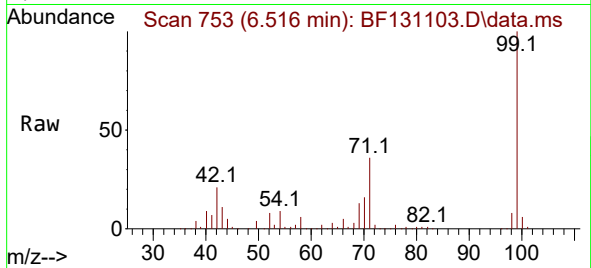




#7
Phenol-d6
Concen: 41.620 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

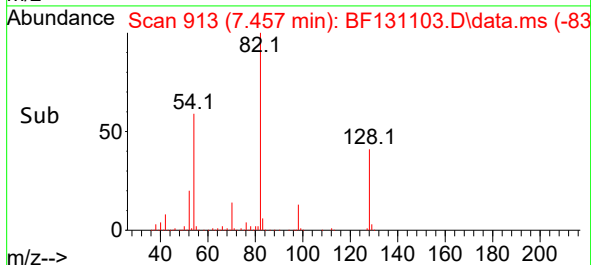
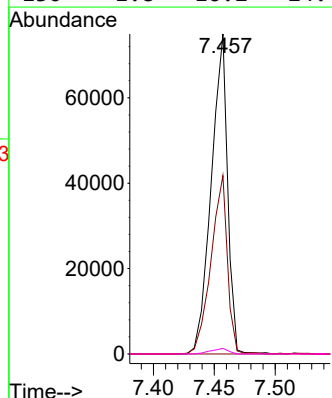
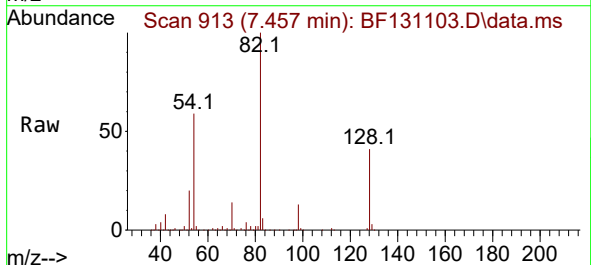
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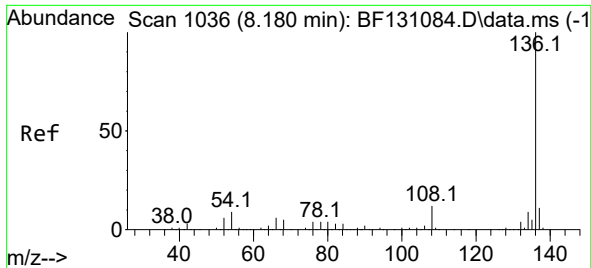
Tgt Ion: 99 Resp: 275779
Ion Ratio Lower Upper
99 100
42 21.0 20.8 31.2
71 35.8 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.036 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

Tgt Ion: 70 Resp: 69766
Ion Ratio Lower Upper
70 100
42 55.7 58.3 87.5#
101 0.0 7.4 11.2#
130 1.8 16.2 24.4#

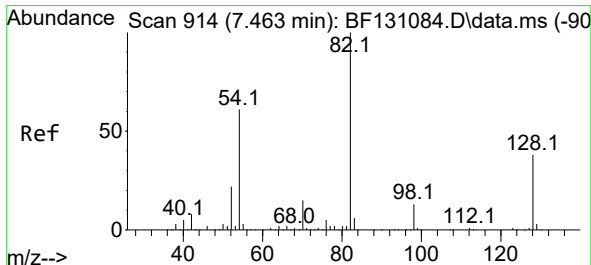
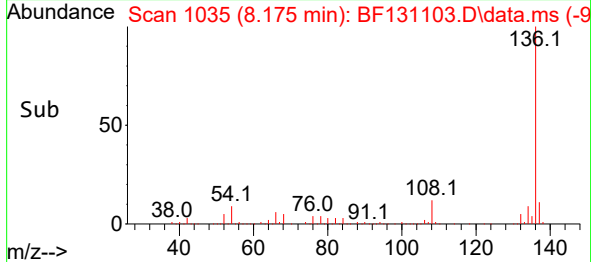
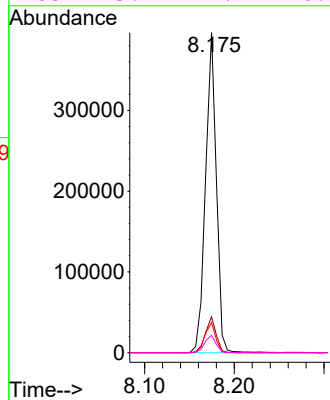
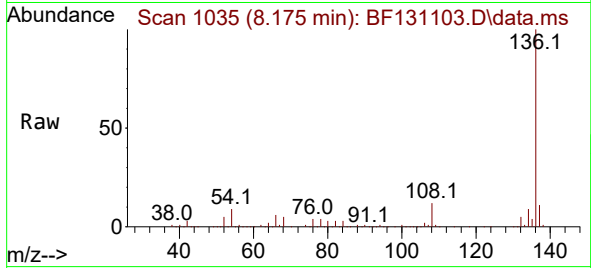




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

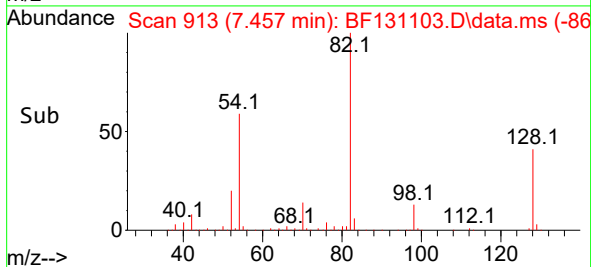
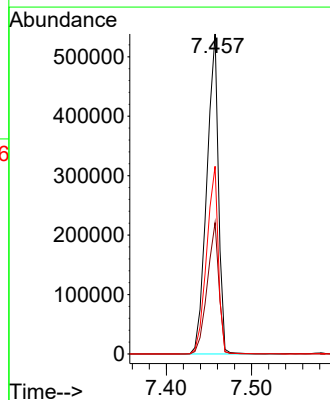
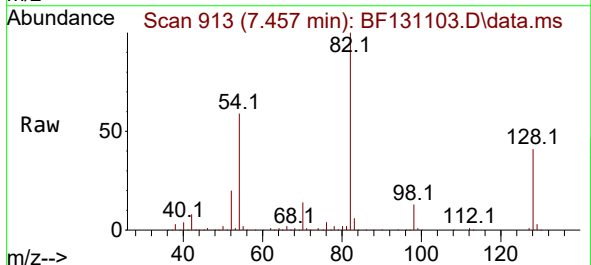
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221169-COMP-04-MODIFIED-ELUTRIATE

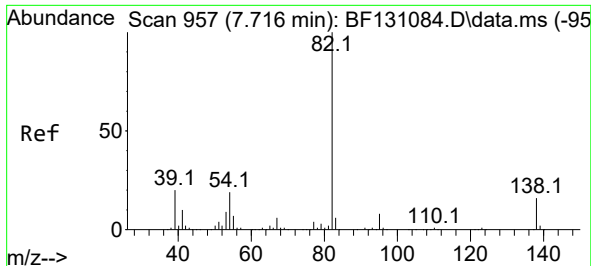
Tgt Ion:136 Resp: 330951
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.4 7.2 10.8
68 5.4 4.2 6.4



#23
Nitrobenzene-d5
Concen: 69.690 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

Tgt Ion: 82 Resp: 511181
Ion Ratio Lower Upper
82 100
128 41.1 30.5 45.7
54 58.7 49.1 73.7

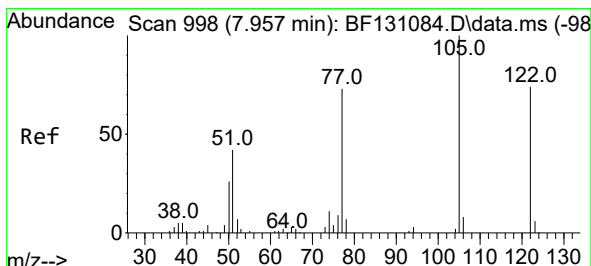
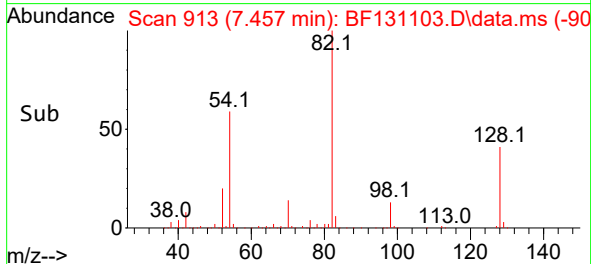
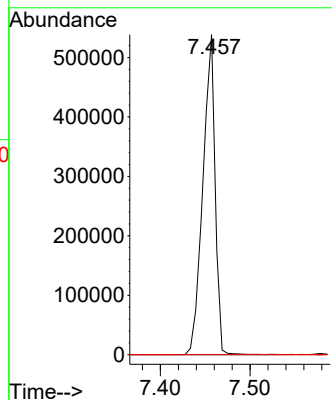
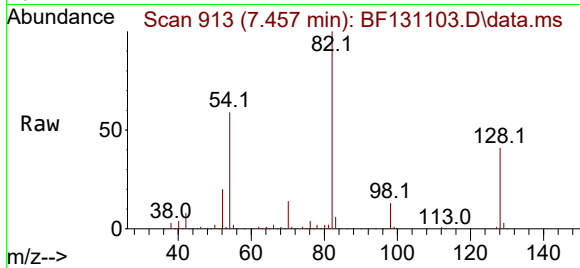




#25
Isophorone
Concen: 45.071 ng
RT: 7.457 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

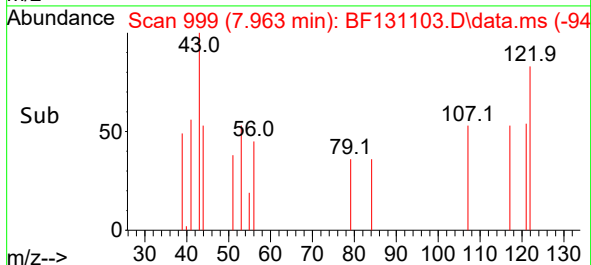
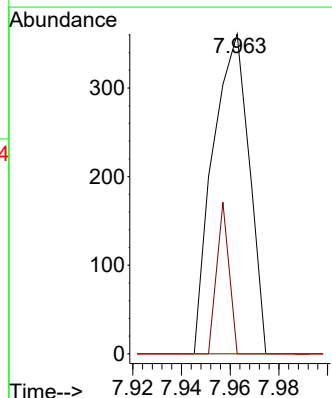
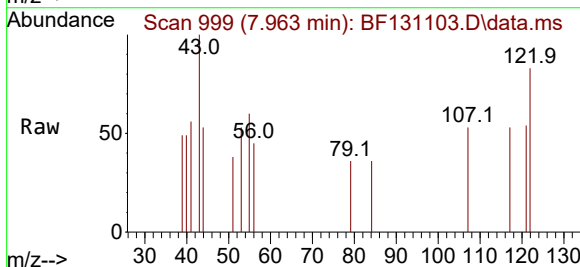
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221169-COMP-04-MODIFIED-ELUTRIATE

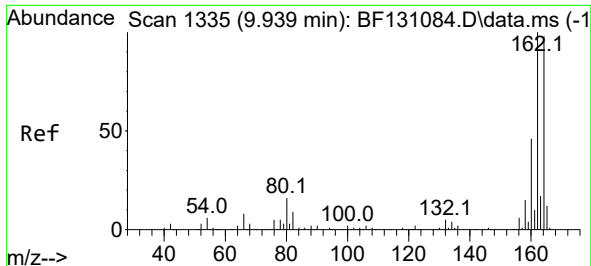
Tgt Ion: 82 Resp: 511177
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.814 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.006 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

Tgt Ion: 122 Resp: 373
Ion Ratio Lower Upper
122 100
105 0.0 113.0 153.0#
77 0.0 78.7 118.7#

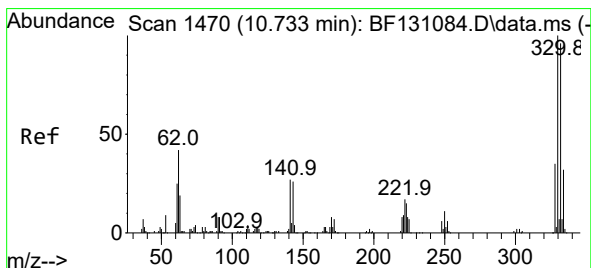
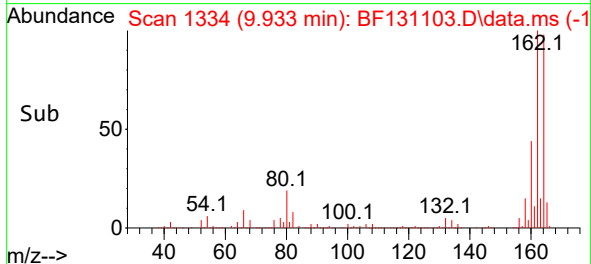
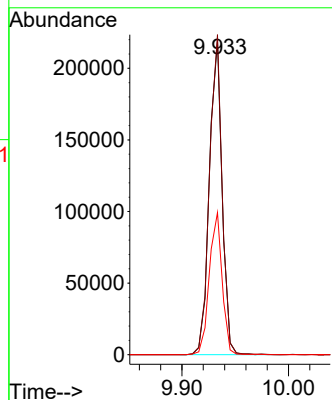
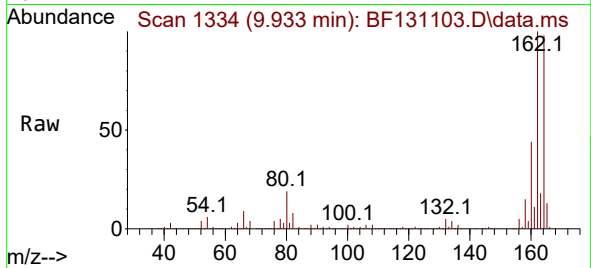




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

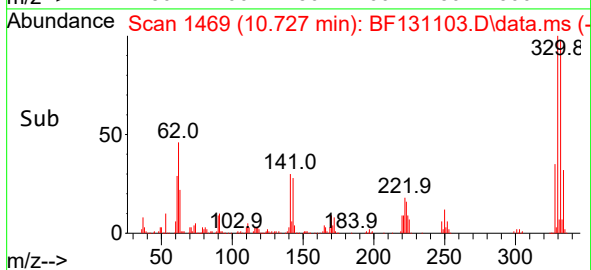
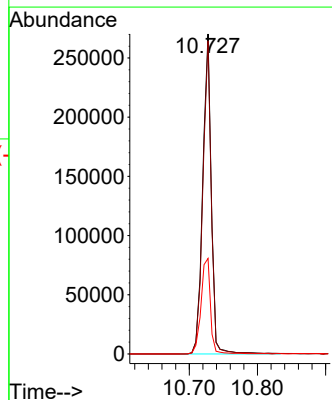
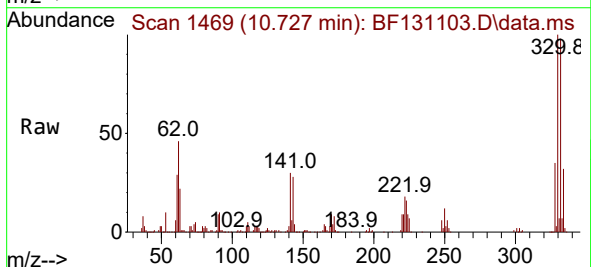
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221169-COMP-04-MODIFIED-ELUTRIATE

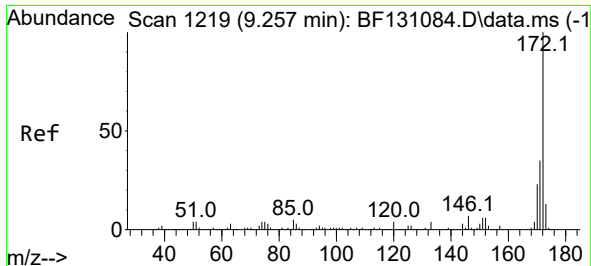
Tgt Ion:164 Resp: 182363
Ion Ratio Lower Upper
164 100
162 102.1 81.7 122.5
160 45.3 37.4 56.2



#42
2,4,6-Tribromophenol
Concen: 125.145 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

Tgt Ion:330 Resp: 235857
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 33.1 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 68.136 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131103.D

Acq: 09 Nov 2022 23:36

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-20221169-COMP-04-MODIFIED-ELUTRIATE

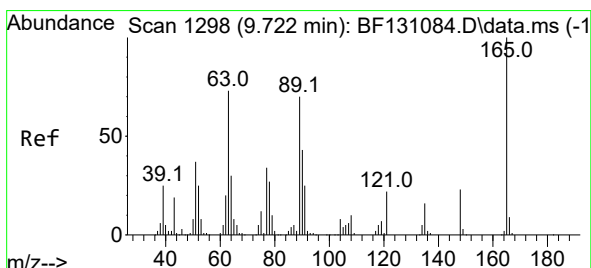
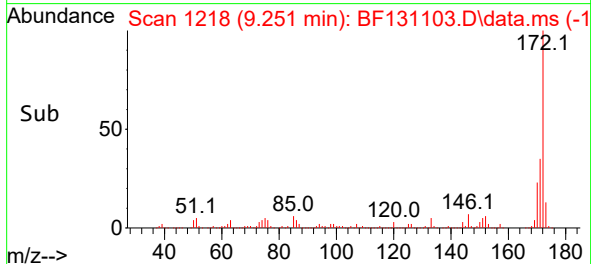
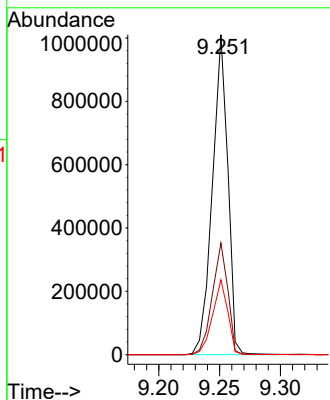
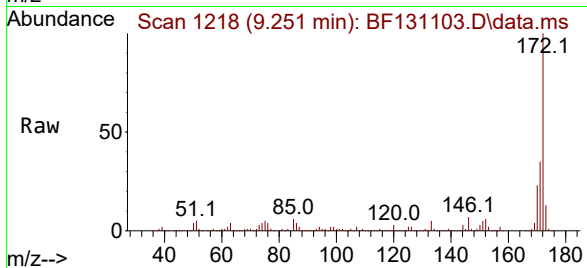
Tgt Ion:172 Resp: 890099

Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

170 23.4 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.217 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131103.D

Acq: 09 Nov 2022 23:36

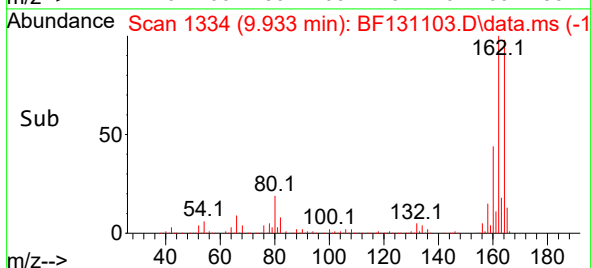
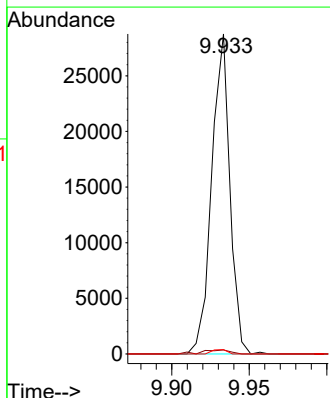
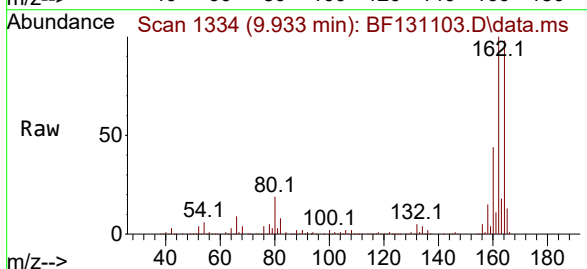
Tgt Ion:165 Resp: 23424

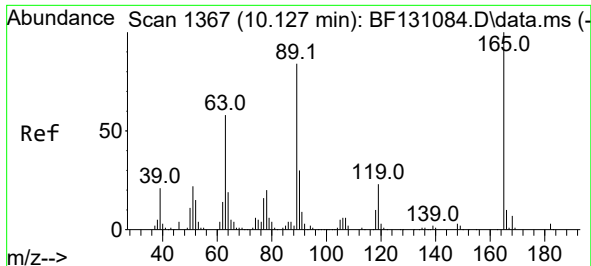
Ion Ratio Lower Upper

165 100

63 1.2 61.4 92.2#

89 1.3 56.0 84.0#

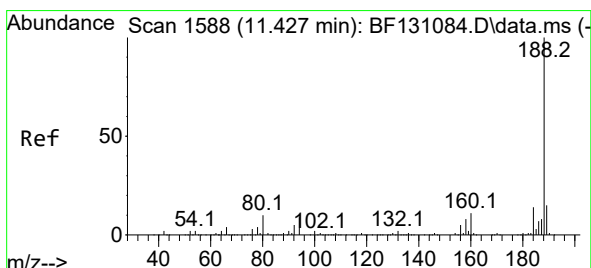
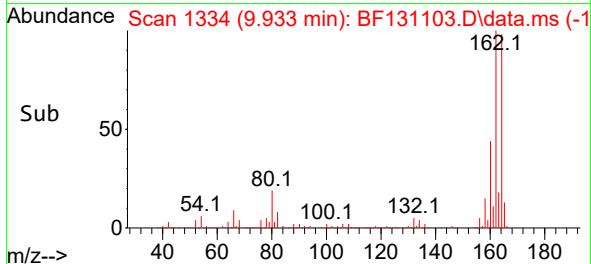
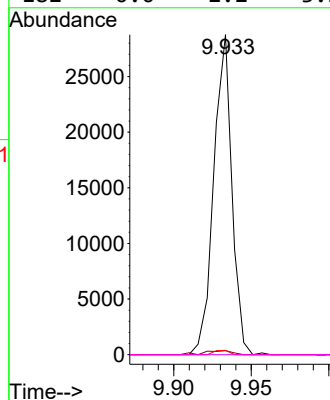
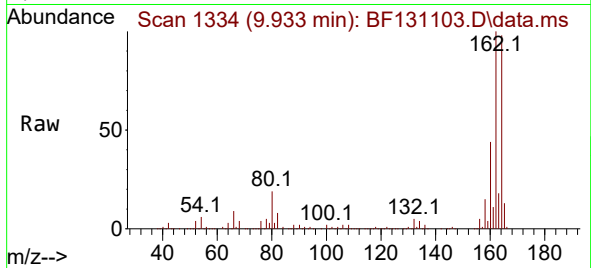




#57
2,4-Dinitrotoluene
Concen: 6.181 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

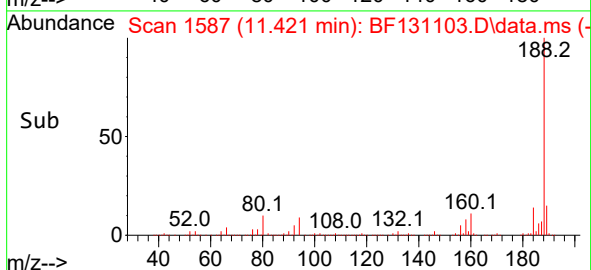
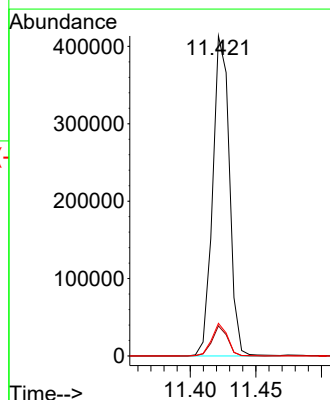
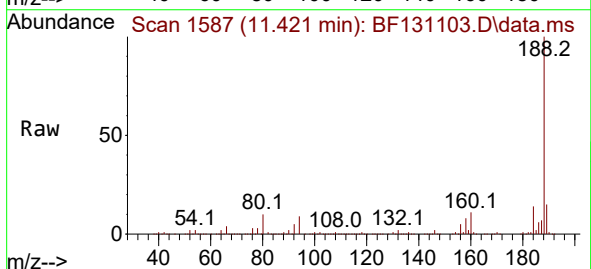
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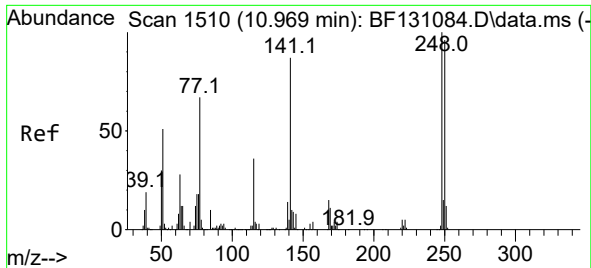
Tgt Ion:165 Resp: 23424
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.3 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

Tgt Ion:188 Resp: 366584
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.2 7.9 11.9

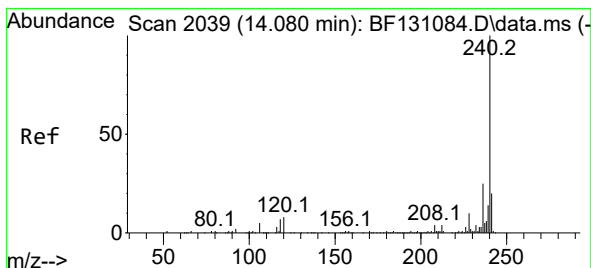
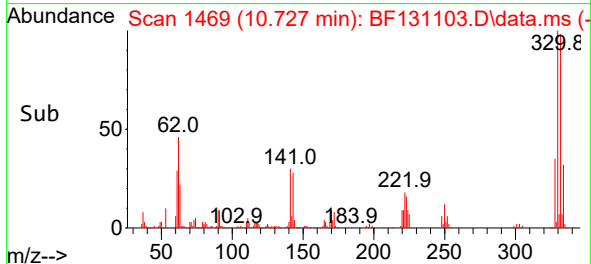
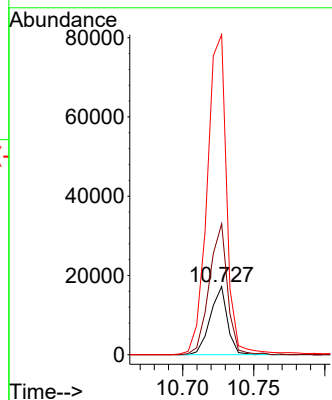
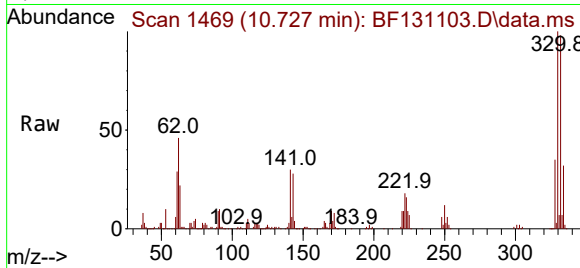




#67
4-Bromophenyl-phenylether
Concen: 3.505 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

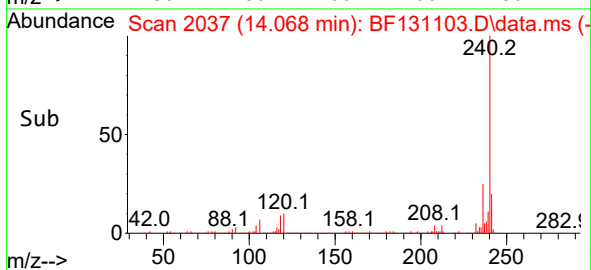
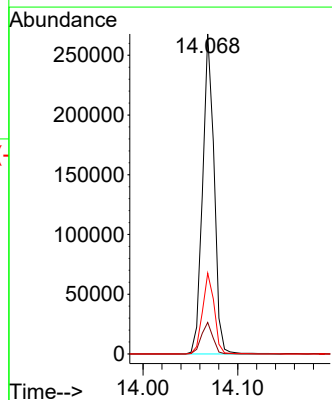
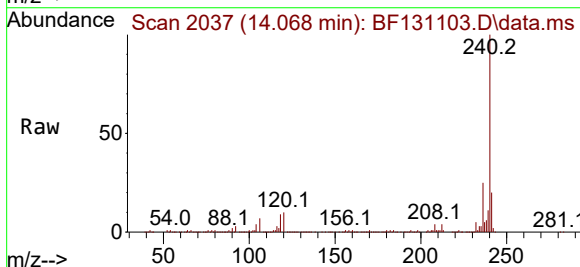
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221169-COMP-04-MODIFIED-ELUTRIATE

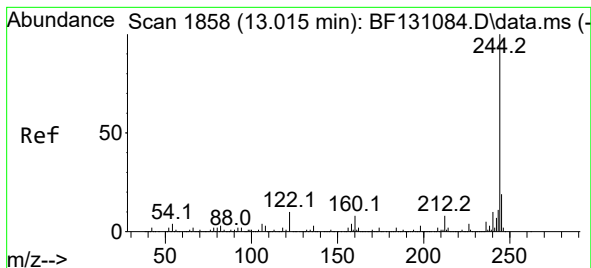
Tgt Ion:248 Resp: 14530
Ion Ratio Lower Upper
248 100
250 192.0 77.0 115.6#
141 469.6 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

Tgt Ion:240 Resp: 226685
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 25.3 19.7 29.5





#79

Terphenyl-d14

Concen: 35.226 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131103.D

Acq: 09 Nov 2022 23:36

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-20221169-COMP-04-MODIFIED-ELUTRIATE

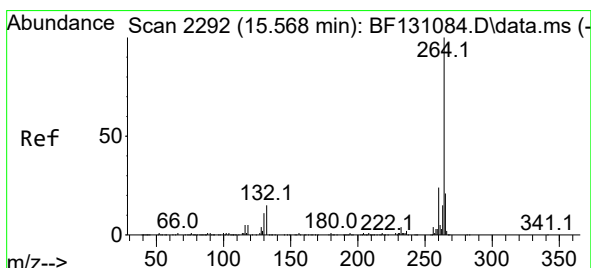
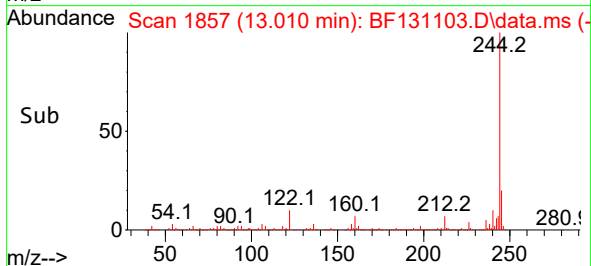
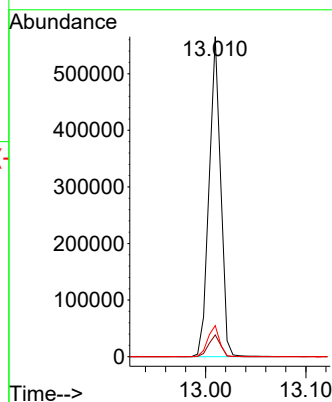
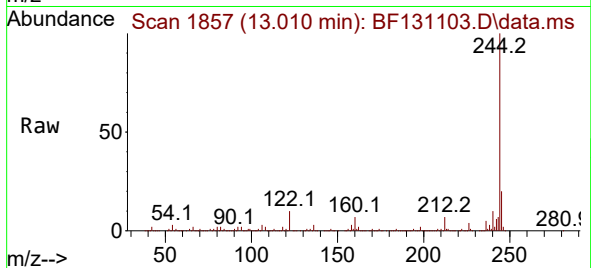
Tgt Ion:244 Resp: 455436

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

122 9.7 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2291

Delta R.T. -0.006 min

Lab File: BF131103.D

Acq: 09 Nov 2022 23:36

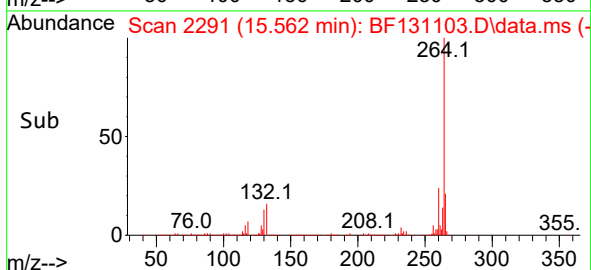
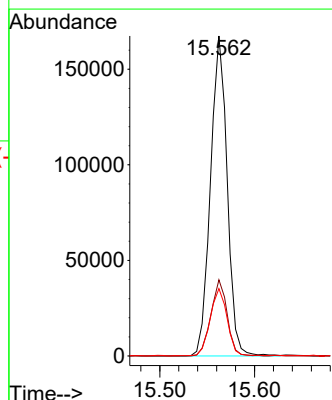
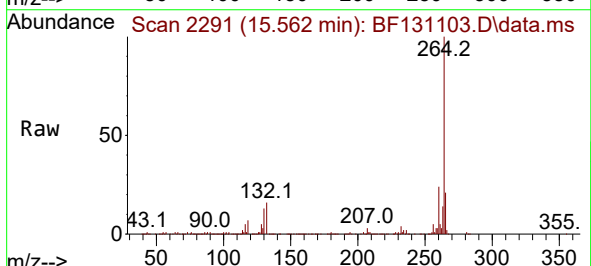
Tgt Ion:264 Resp: 204264

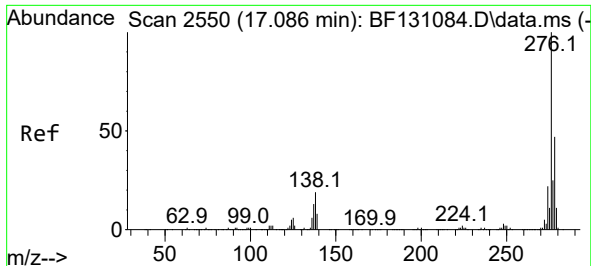
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.1 16.7 25.1

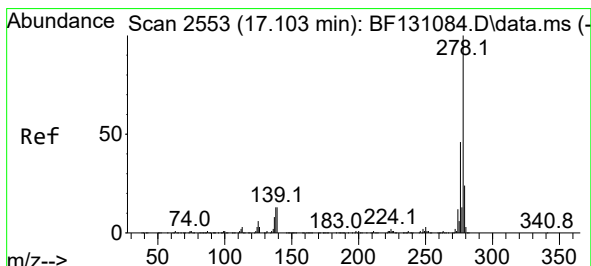
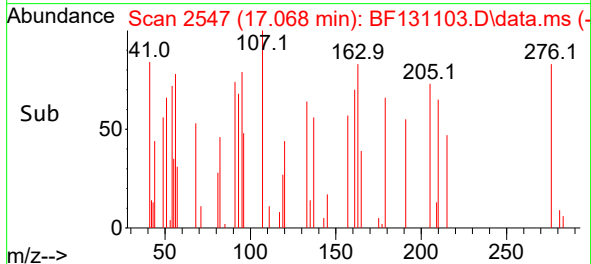
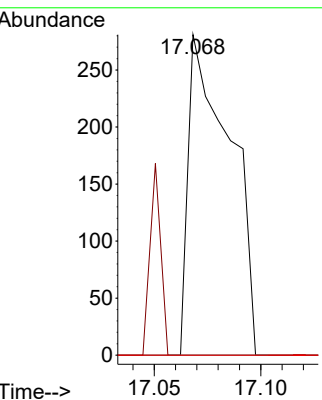
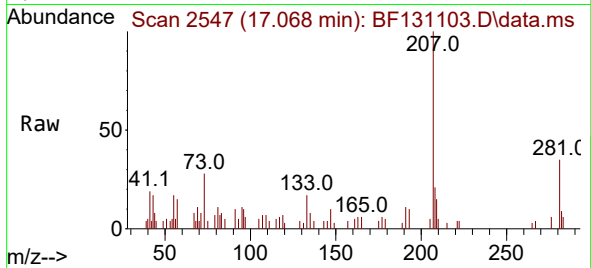




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.886 ng
RT: 17.068 min Scan# 2547
Delta R.T. -0.018 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

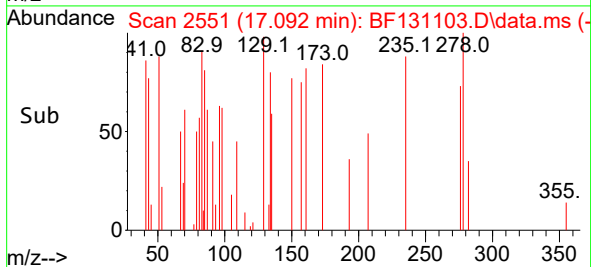
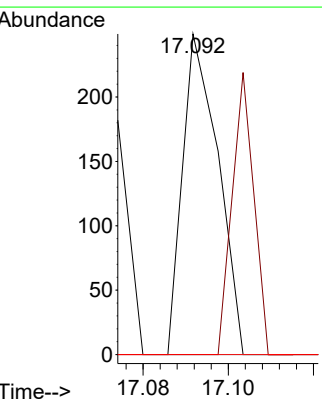
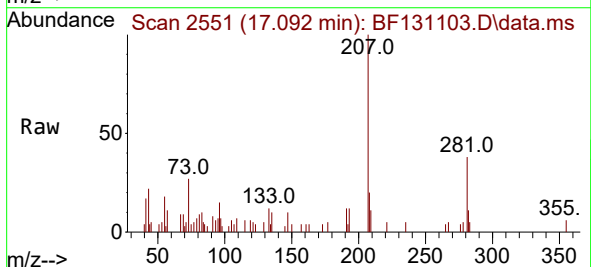
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221169-COMP-04-MODIFIED-ELUTRIATE

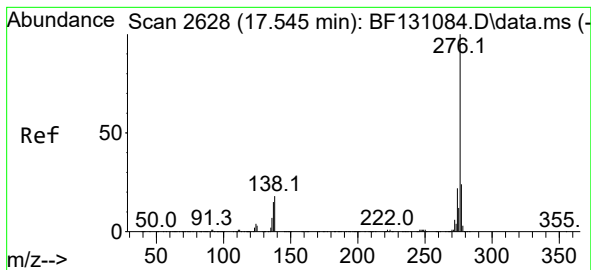
Tgt Ion: 276 Resp: 382
Ion Ratio Lower Upper
276 100
138 15.4 16.9 25.3#
277 0.0 20.3 30.5#



#91
Dibenzo(a,h)anthracene
Concen: 3.849 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.011 min
Lab File: BF131103.D
Acq: 09 Nov 2022 23:36

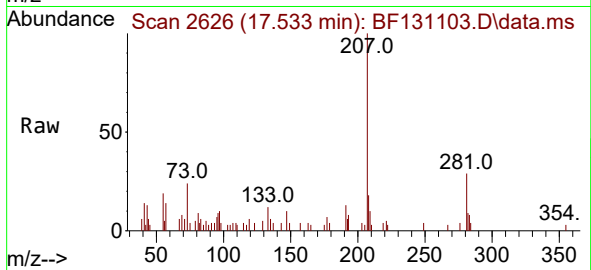
Tgt Ion: 278 Resp: 144
Ion Ratio Lower Upper
278 100
139 0.0 10.8 16.2#
279 0.0 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.387 ng
 RT: 17.533 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF131103.D
 Acq: 09 Nov 2022 23:36

Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-20221169-COMP-04-MODIFIED-ELUTRIATE



Tgt Ion: 276 Resp: 335
 Ion Ratio Lower Upper
 276 100
 277 0.0 19.0 28.4#
 138 0.0 14.6 21.8#

