

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131106.D
 Acq On : 10 Nov 2022 01:05
 Operator : CG\JU
 Sample : N5360-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:35:21 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)

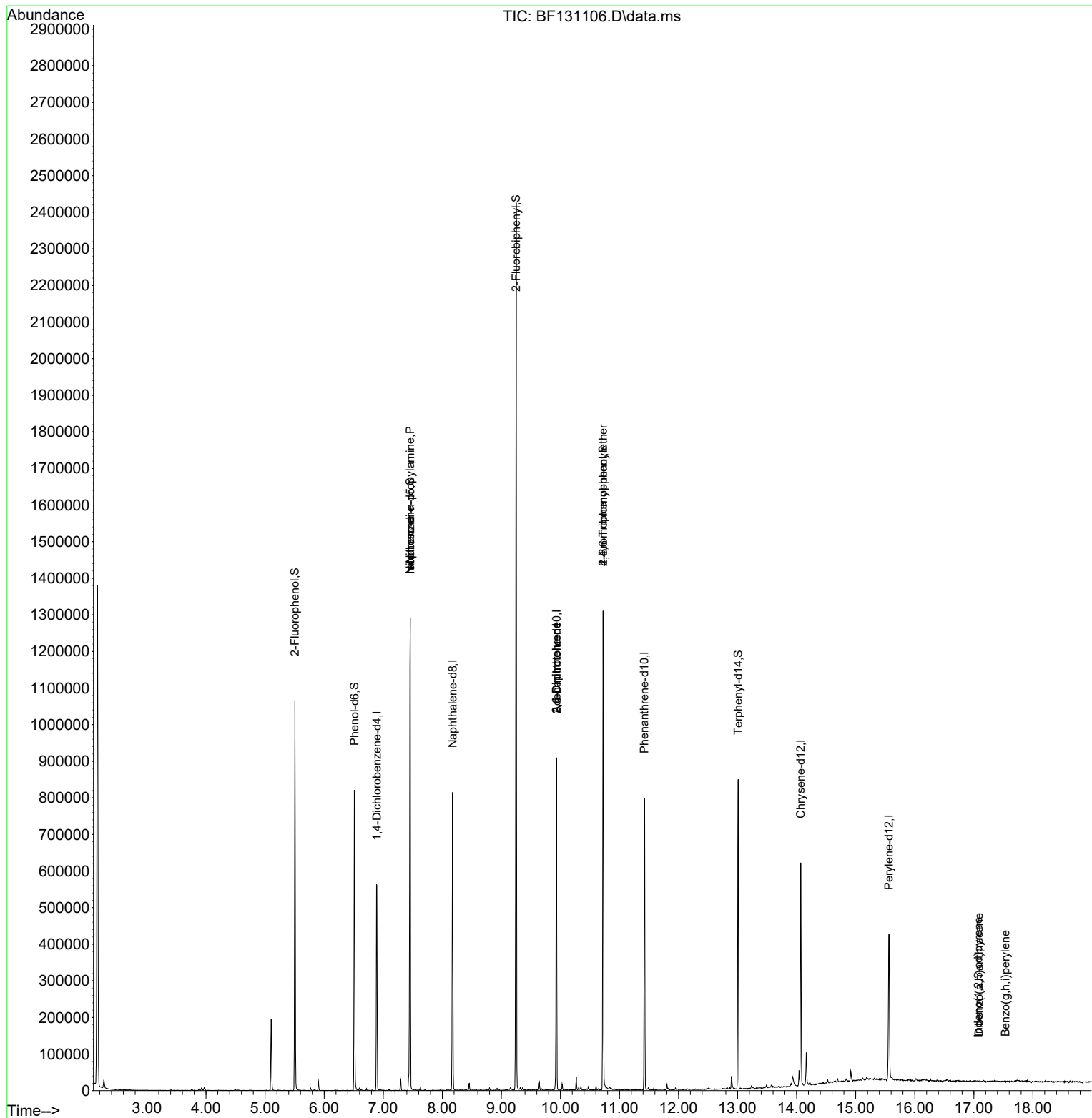
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	83643	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	317942	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	170344	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	298813	20.000	ng	0.00
76) Chrysene-d12	14.069	240	194921	20.000	ng	-0.01
86) Perylene-d12	15.563	264	174928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	237708	48.330	ng	0.00
7) Phenol-d6	6.510	99	238815	37.140	ng	-0.01
23) Nitrobenzene-d5	7.457	82	411444	58.388	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	139516	79.250	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	680524	55.769	ng	0.00
79) Terphenyl-d14	13.010	244	267881	24.096	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	56202	13.312	ng	# 73
25) Isophorone	7.457	82	411508	37.768	ng	# 68
51) 2,6-Dinitrotoluene	9.934	165	21944	8.241	ng	# 14
57) 2,4-Dinitrotoluene	9.934	165	21944	6.199	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	8883	2.629	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.074	276	247	3.881	ng	# 52
91) Dibenzo(a,h)anthracene	17.086	278	56	3.843	ng	# 57
92) Benzo(g,h,i)perylene	17.533	276	226	4.383	ng	# 12

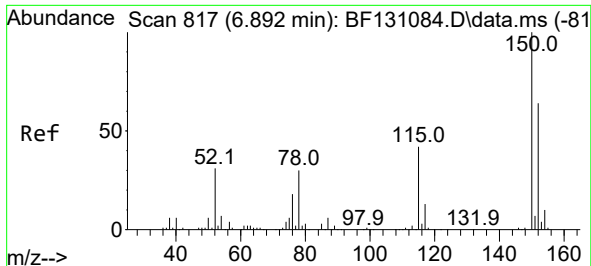
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131106.D
Acq On : 10 Nov 2022 01:05
Operator : CG\JU
Sample : N5360-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:35:21 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

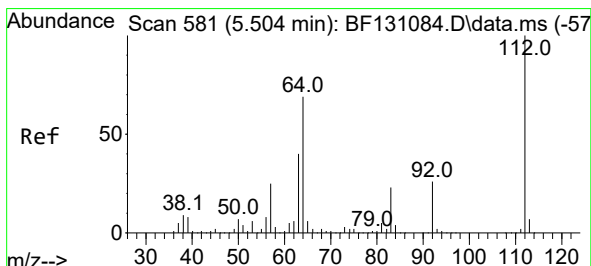
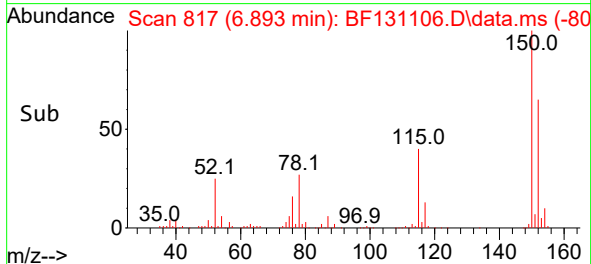
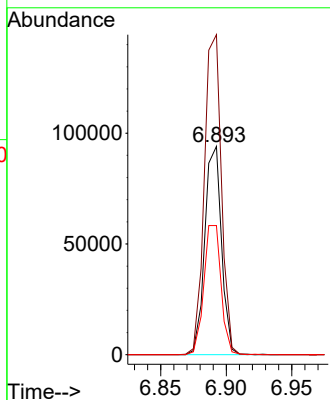
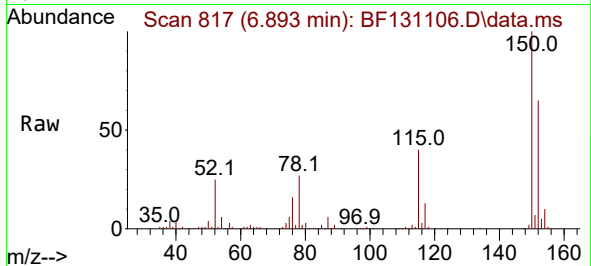




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

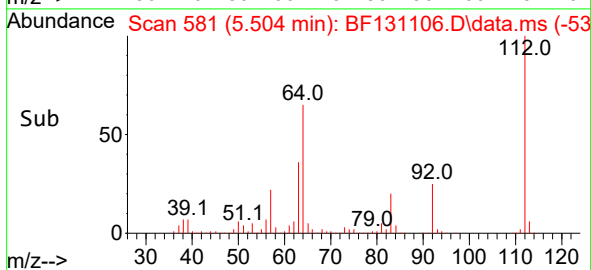
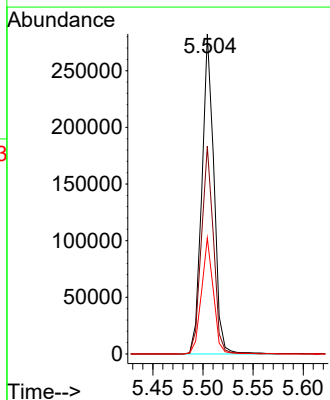
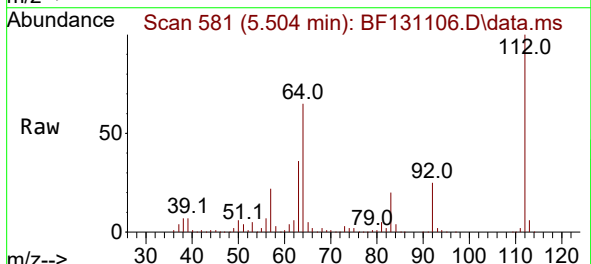
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

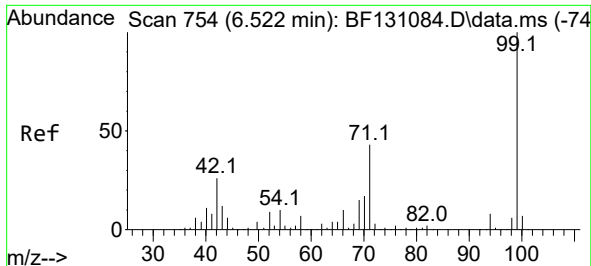
Tgt Ion:152 Resp: 83643
Ion Ratio Lower Upper
152 100
150 153.7 125.5 188.3
115 62.0 52.2 78.2



#5
2-Fluorophenol
Concen: 48.330 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

Tgt Ion:112 Resp: 237708
Ion Ratio Lower Upper
112 100
64 64.9 55.1 82.7
63 36.3 32.4 48.6

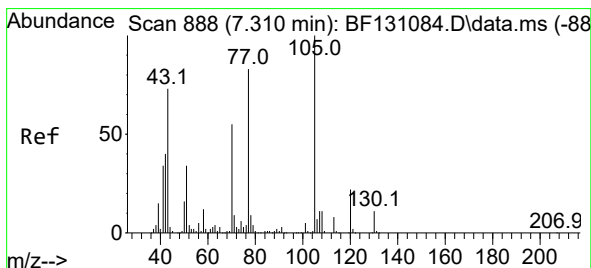
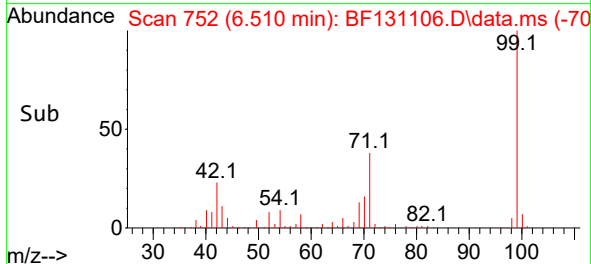
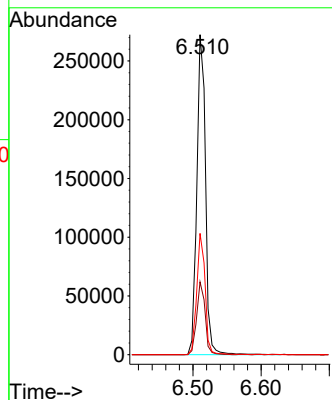
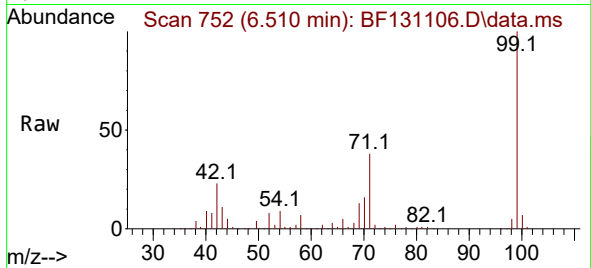




#7
Phenol-d6
Concen: 37.140 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

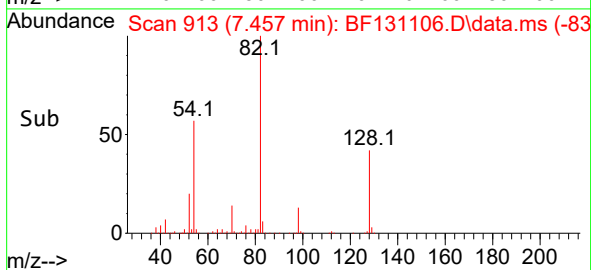
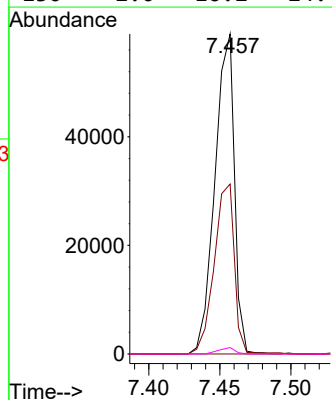
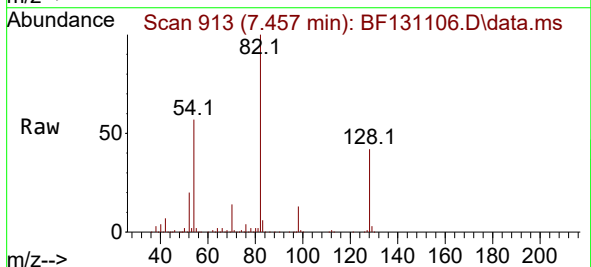
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

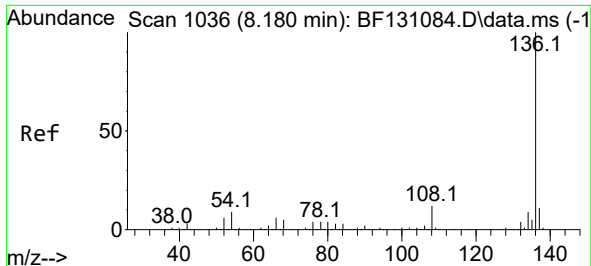
Tgt Ion: 99 Resp: 238815
Ion Ratio Lower Upper
99 100
42 22.7 20.8 31.2
71 37.9 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.312 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

Tgt Ion: 70 Resp: 56202
Ion Ratio Lower Upper
70 100
42 53.1 58.3 87.5#
101 0.0 7.4 11.2#
130 2.0 16.2 24.4#

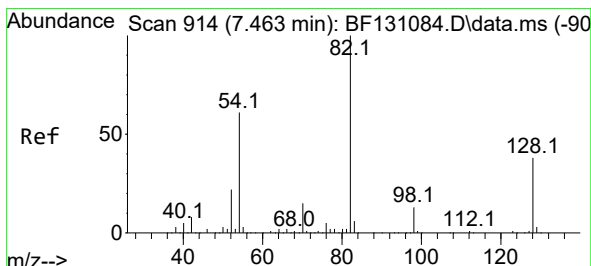
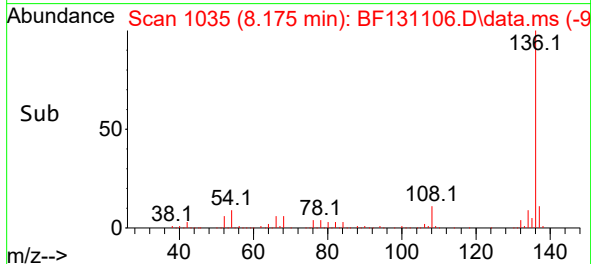
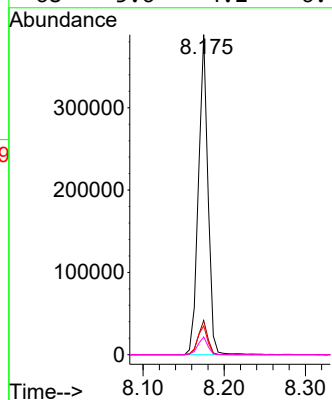
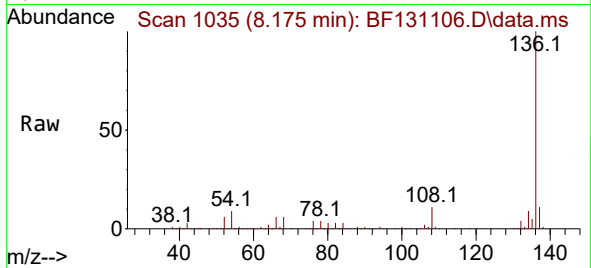




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

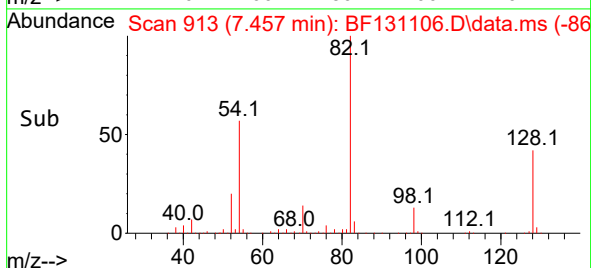
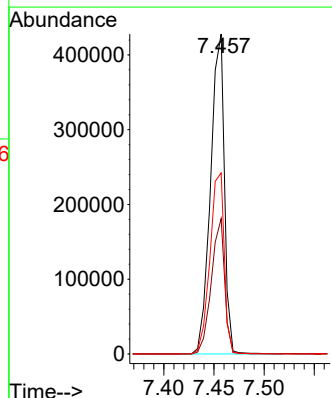
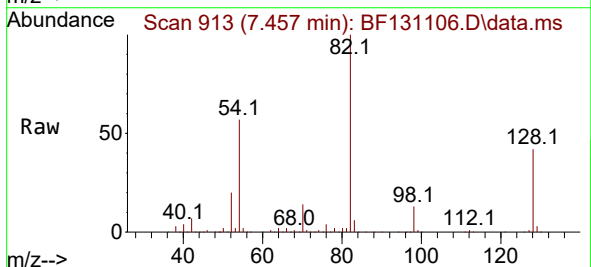
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

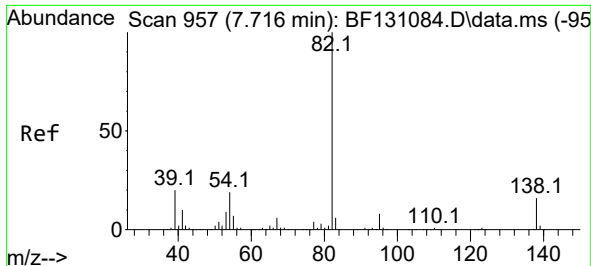
Tgt Ion:136 Resp: 317942
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.0 7.2 10.8
68 5.6 4.2 6.4



#23
Nitrobenzene-d5
Concen: 58.388 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

Tgt Ion: 82 Resp: 411444
Ion Ratio Lower Upper
82 100
128 42.3 30.5 45.7
54 56.6 49.1 73.7

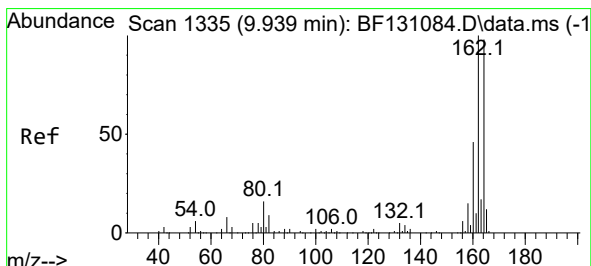
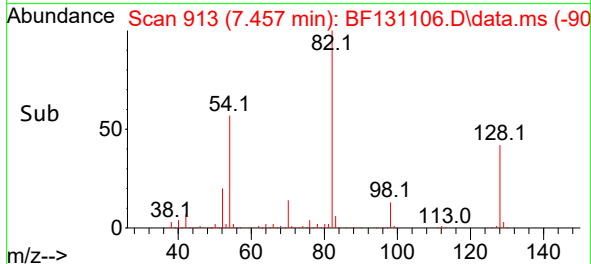
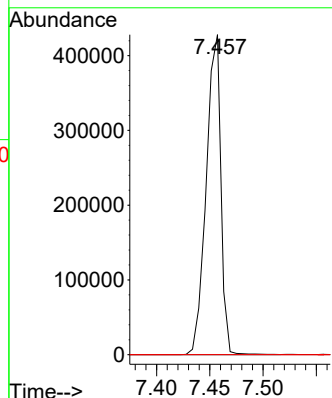
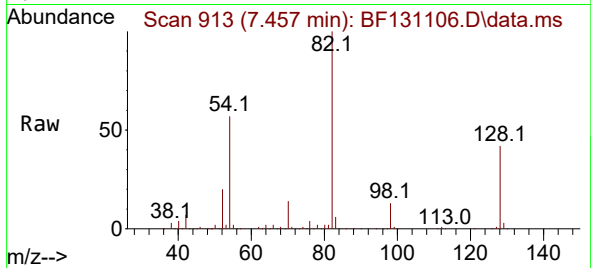




#25
Isophorone
Concen: 37.768 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

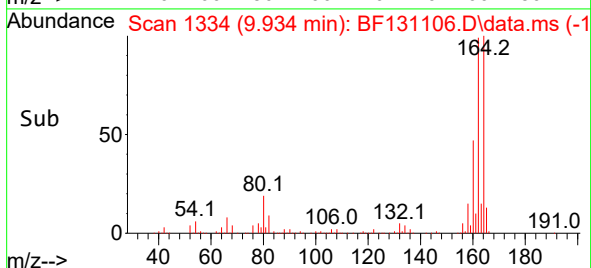
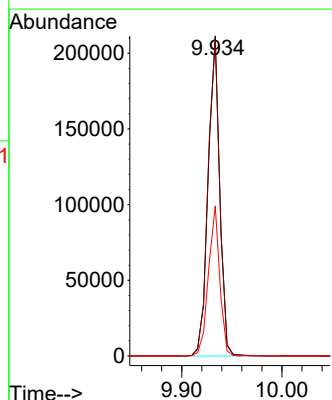
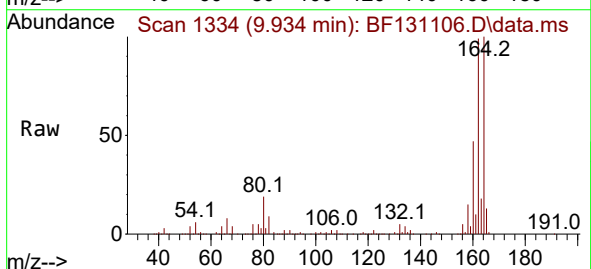
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

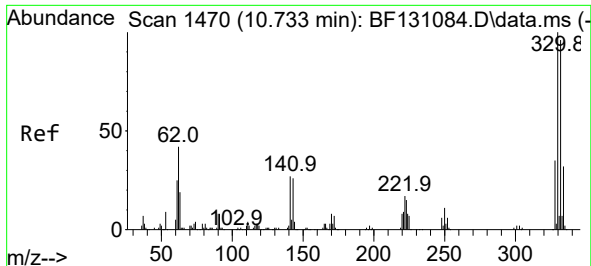
Tgt Ion: 82 Resp: 411508
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

Tgt Ion:164 Resp: 170344
Ion Ratio Lower Upper
164 100
162 98.7 81.7 122.5
160 46.9 37.4 56.2

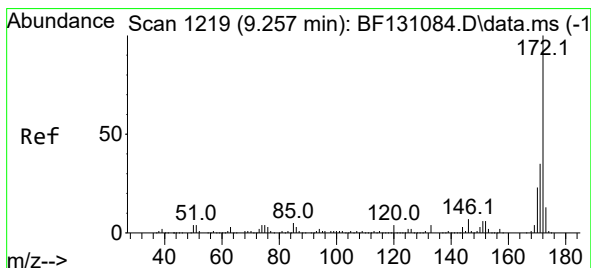
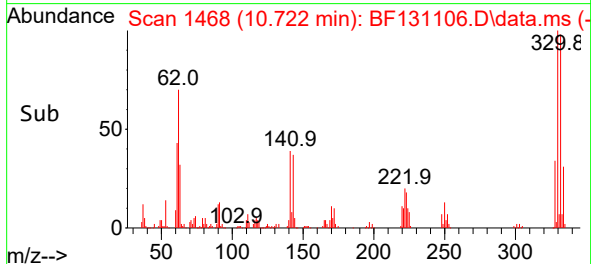
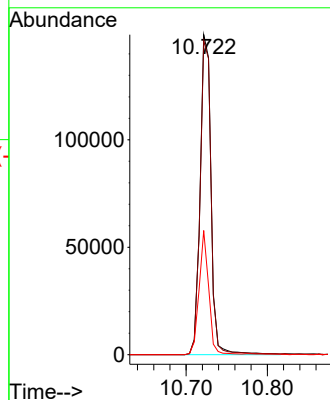
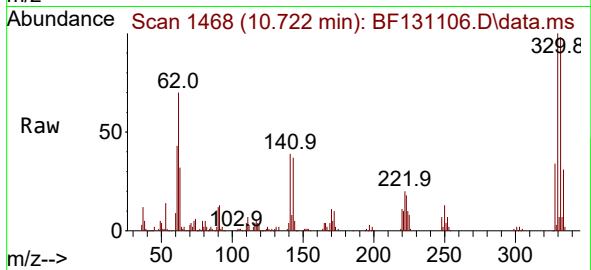




#42
2,4,6-Tribromophenol
Concen: 79.250 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

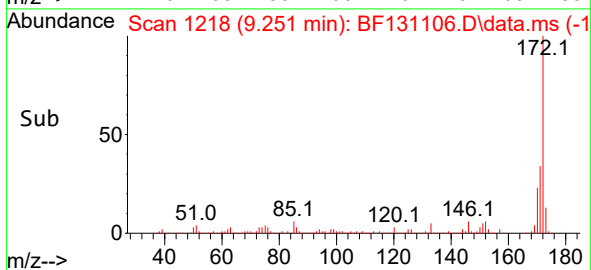
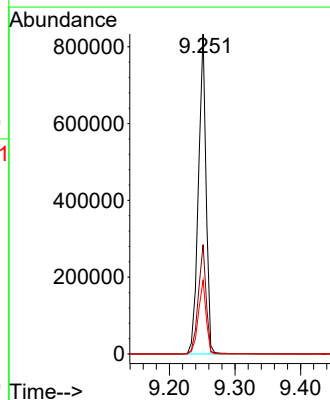
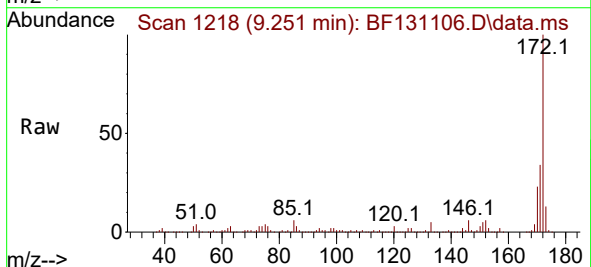
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

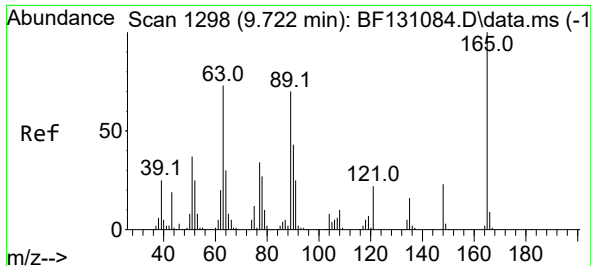
Tgt Ion:330 Resp: 139516
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.4
141 34.3 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 55.769 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

Tgt Ion:172 Resp: 680524
Ion Ratio Lower Upper
172 100
171 34.2 27.7 41.5
170 23.0 18.8 28.2

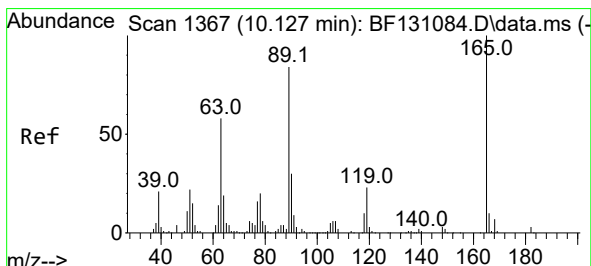
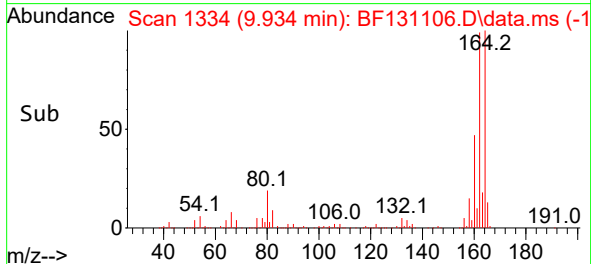
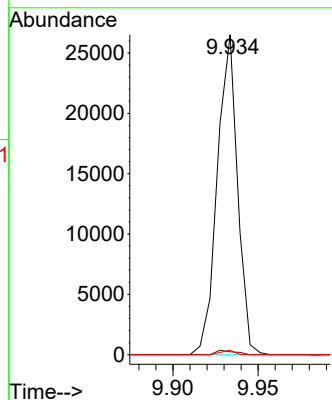
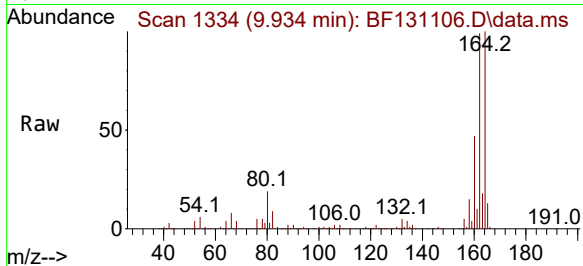




#51
2,6-Dinitrotoluene
Concen: 8.241 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

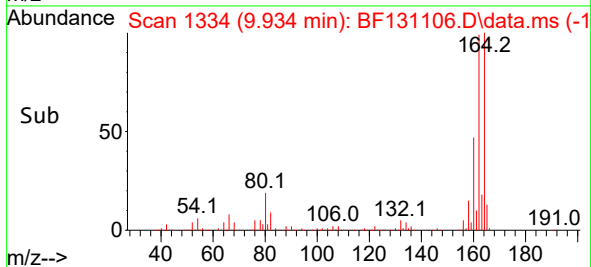
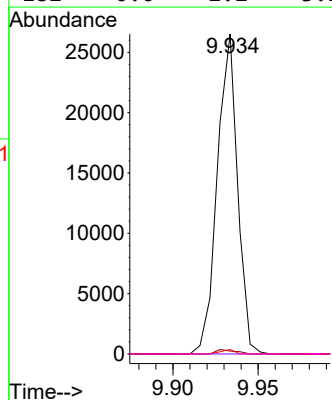
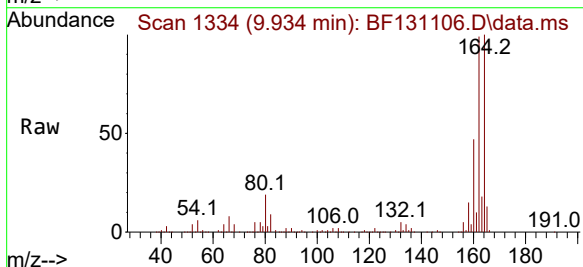
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

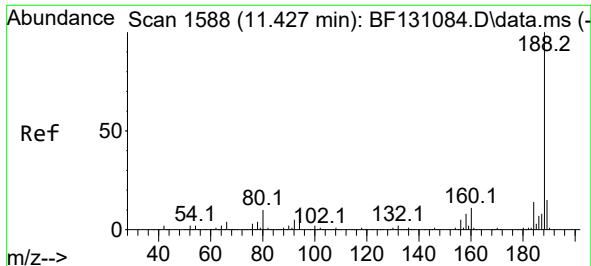
Tgt Ion:165 Resp: 21944
Ion Ratio Lower Upper
165 100
63 0.9 61.4 92.2#
89 1.4 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.199 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

Tgt Ion:165 Resp: 21944
Ion Ratio Lower Upper
165 100
63 0.9 46.9 70.3#
89 1.4 66.9 100.3#
182 0.0 2.2 3.2#

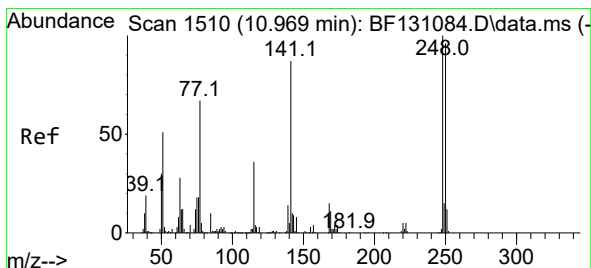
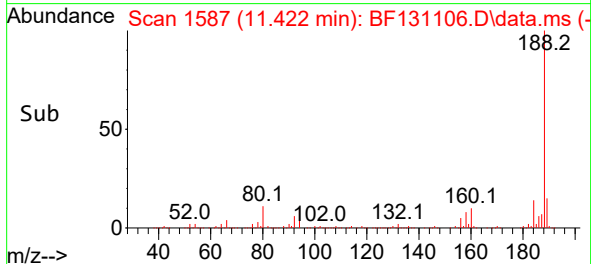
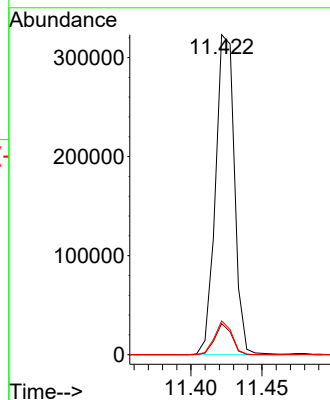
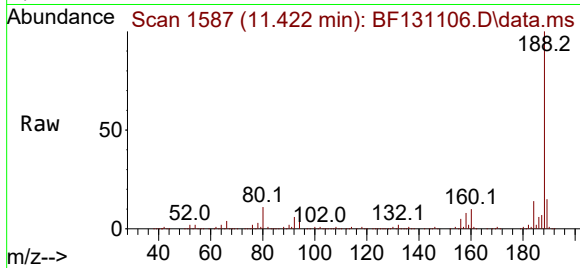




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

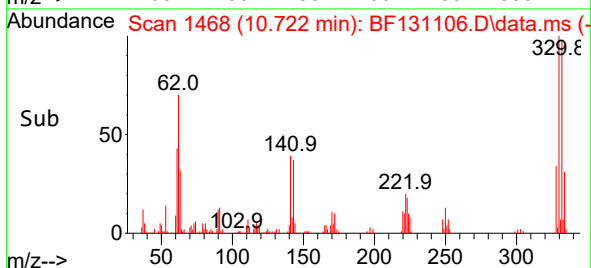
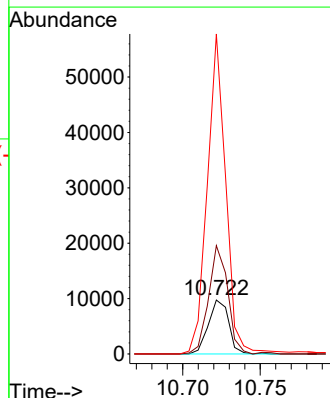
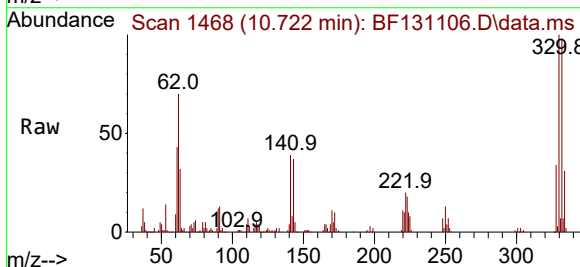
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

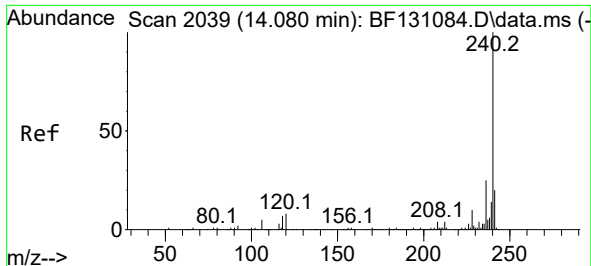
Tgt Ion:188 Resp: 298813
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.629 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

Tgt Ion:248 Resp: 8883
Ion Ratio Lower Upper
248 100
250 200.9 77.0 115.6#
141 593.9 69.7 104.5#

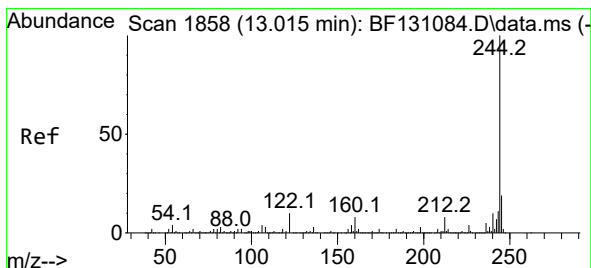
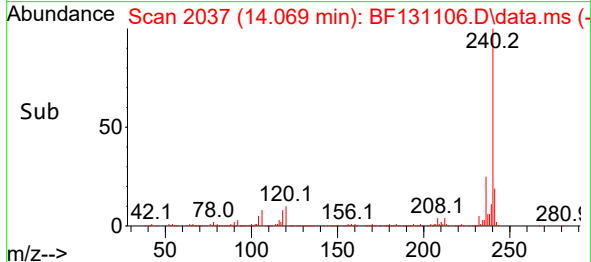
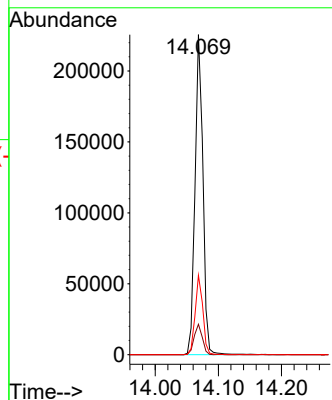
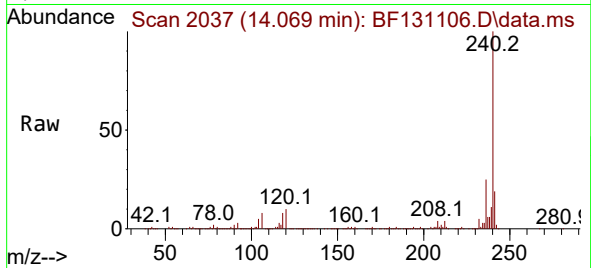




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

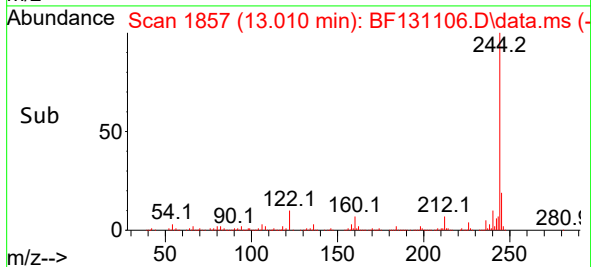
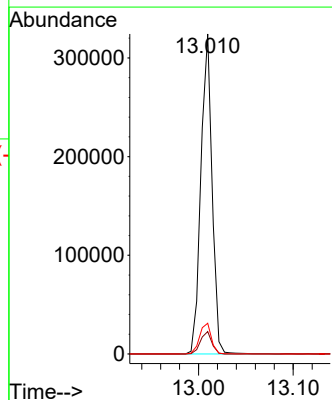
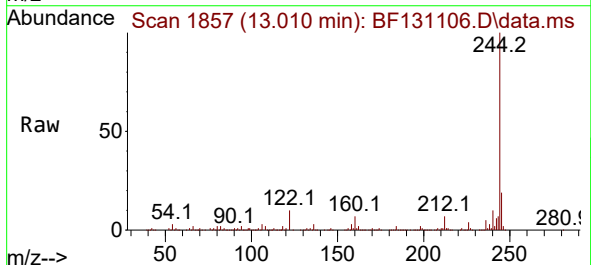
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

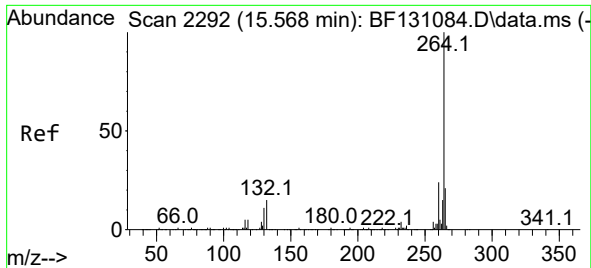
Tgt Ion:240 Resp: 194921
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 24.8 19.7 29.5



#79
Terphenyl-d14
Concen: 24.096 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.005 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

Tgt Ion:244 Resp: 267881
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 9.6 7.8 11.8

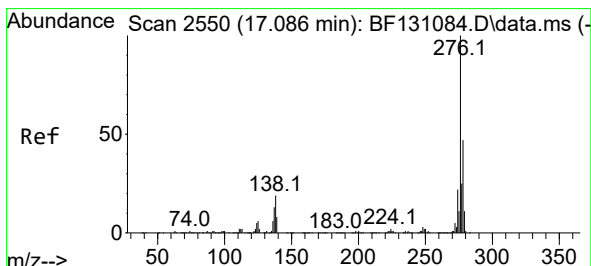
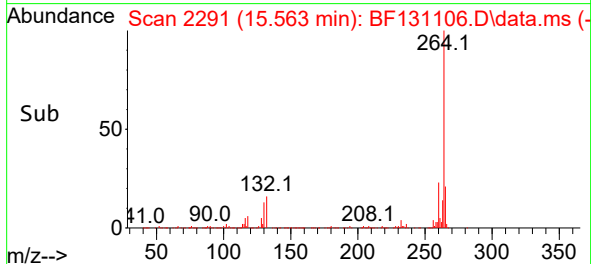
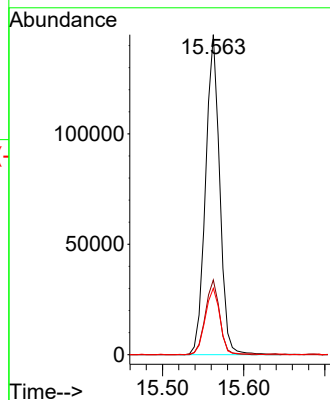
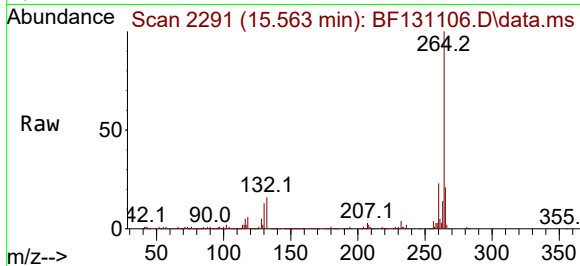




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

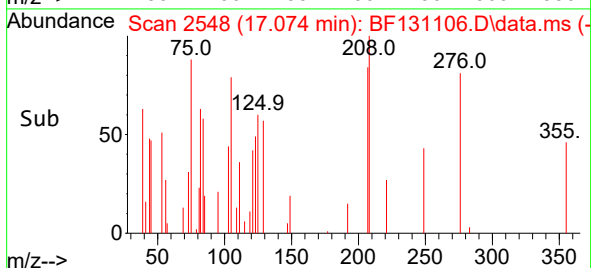
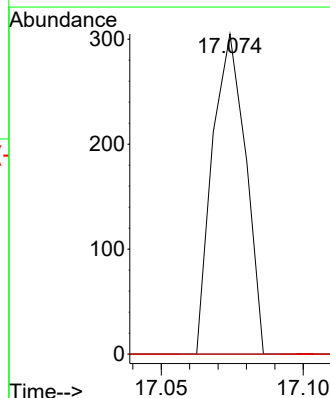
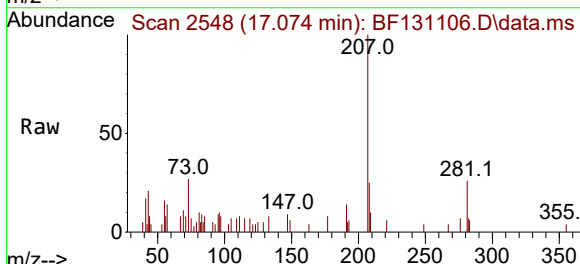
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

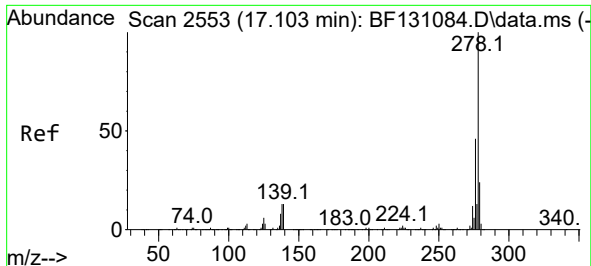
Tgt Ion:264 Resp: 174928
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 20.7 16.7 25.1



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.881 ng
RT: 17.074 min Scan# 2548
Delta R.T. -0.012 min
Lab File: BF131106.D
Acq: 10 Nov 2022 01:05

Tgt Ion:276 Resp: 247
Ion Ratio Lower Upper
276 100
138 0.0 16.9 25.3#
277 0.0 20.3 30.5#

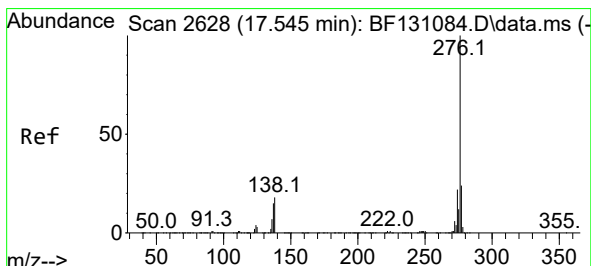
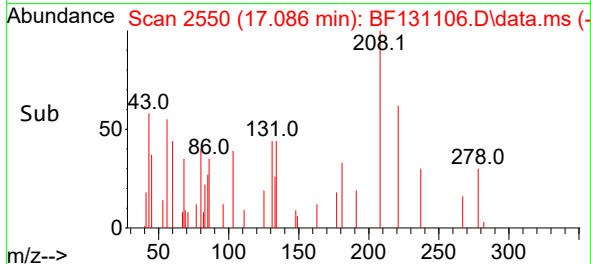
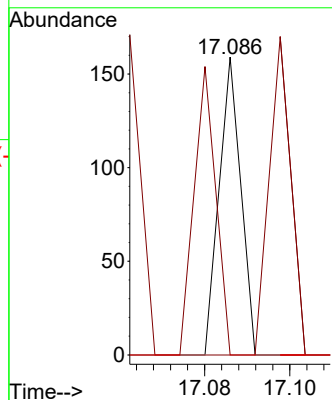
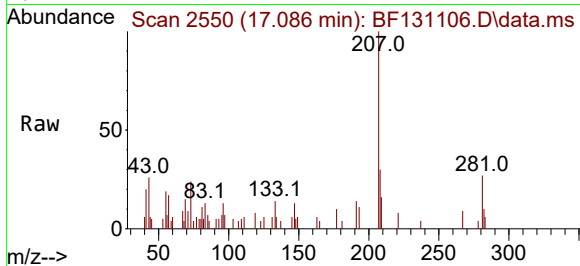




#91
 Dibenzo(a,h)anthracene
 Concen: 3.843 ng
 RT: 17.086 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF131106.D
 Acq: 10 Nov 2022 01:05

Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-20221179-COMP-14-MODIFIED-ELUTRIATE

Tgt Ion:278 Resp: 56
 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: 4.383 ng
 RT: 17.533 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BF131106.D
 Acq: 10 Nov 2022 01:05

Tgt Ion:276 Resp: 226
 Ion Ratio Lower Upper
 276 100
 277 0.0 19.0 28.4#
 138 79.7 14.6 21.8#

