

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131105.D
 Acq On : 10 Nov 2022 00:35
 Operator : CG\JU
 Sample : N5360-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:35:07 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)

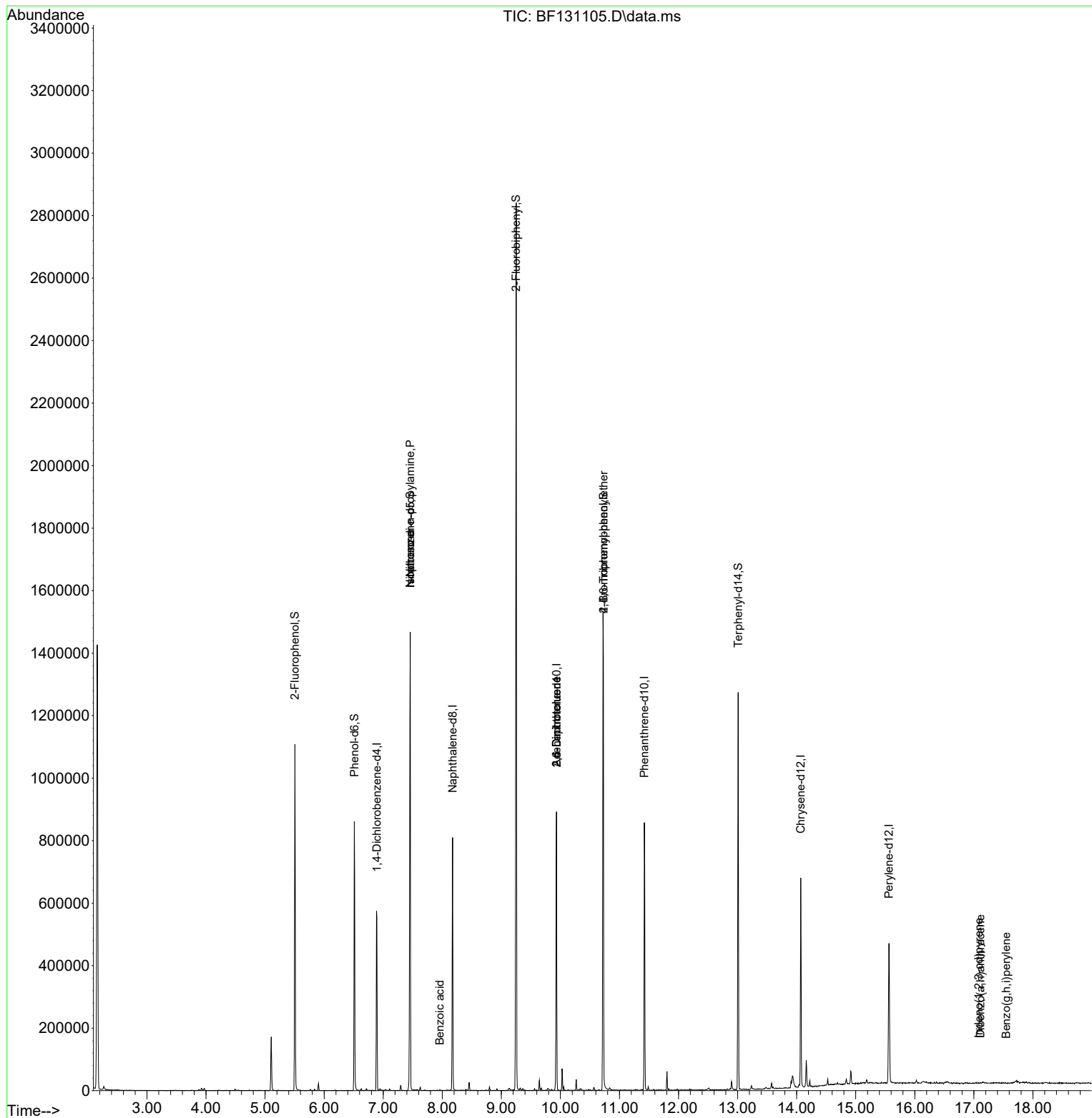
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	84054	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	317017	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	168519	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	308363	20.000	ng	0.00
76) Chrysene-d12	14.069	240	209639	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	195967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	246627	49.899	ng	0.00
7) Phenol-d6	6.510	99	243152	37.629	ng	-0.01
23) Nitrobenzene-d5	7.457	82	450069	64.055	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	181791	104.382	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	803646	66.572	ng	0.00
79) Terphenyl-d14	13.010	244	394086	32.960	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	61915	14.593	ng	# 73
25) Isophorone	7.457	82	450064	41.427	ng	# 68
32) Benzoic acid	7.957	122	492	5.851	ng	# 13
51) 2,6-Dinitrotoluene	9.934	165	21647	8.217	ng	# 14
57) 2,4-Dinitrotoluene	9.934	165	21647	6.181	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	11008	3.157	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.080	276	150	3.873	ng	# 52
91) Dibenzo(a,h)anthracene	17.110	278	71	3.844	ng	# 57
92) Benzo(g,h,i)perylene	17.545	276	62	4.370	ng	# 55

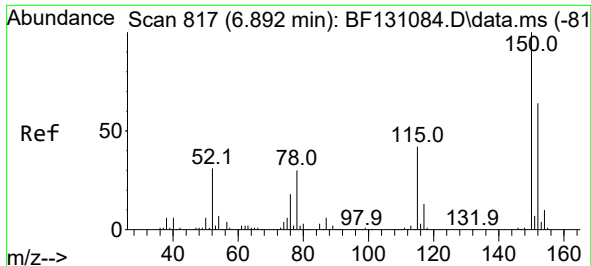
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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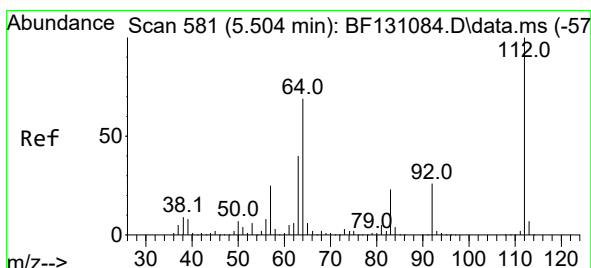
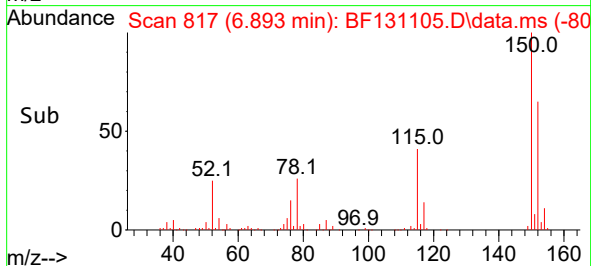
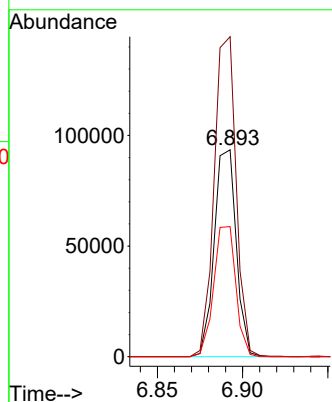
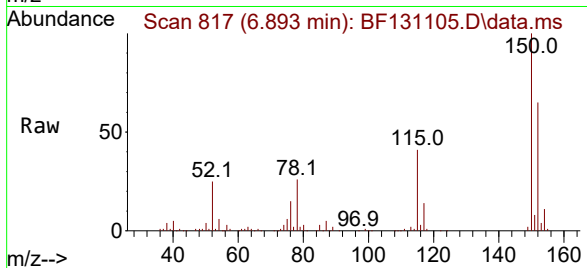




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

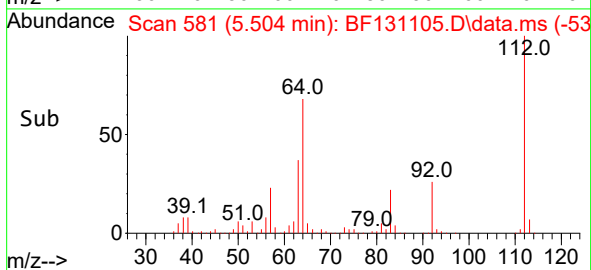
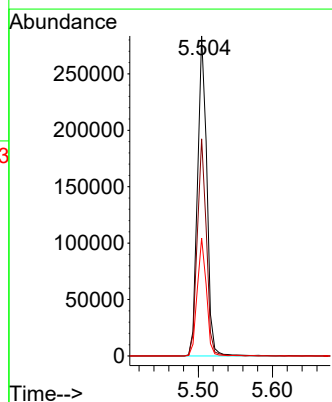
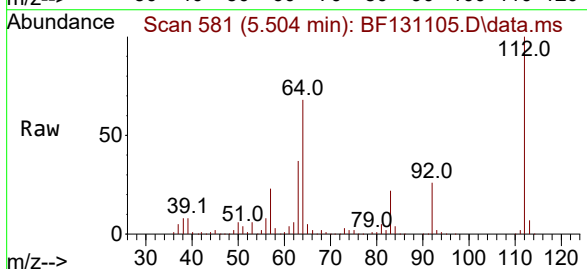
Instrument :
BNA_F
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DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE

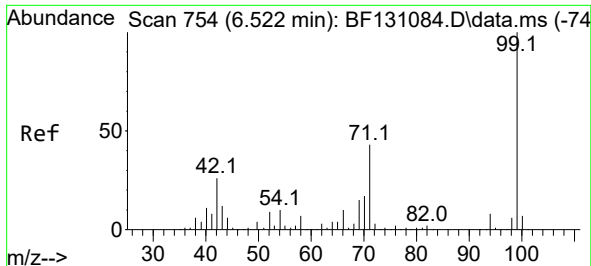
Tgt Ion:152 Resp: 84054
Ion Ratio Lower Upper
152 100
150 154.6 125.5 188.3
115 62.9 52.2 78.2



#5
2-Fluorophenol
Concen: 49.899 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

Tgt Ion:112 Resp: 246627
Ion Ratio Lower Upper
112 100
64 67.8 55.1 82.7
63 36.8 32.4 48.6

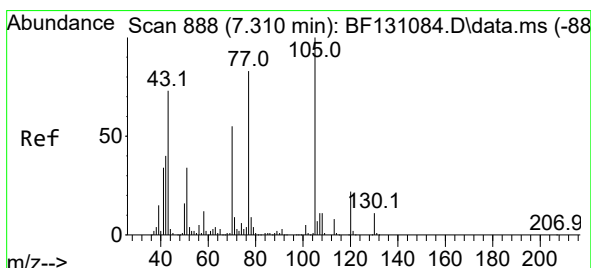
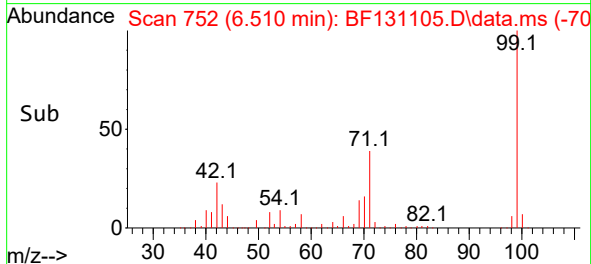
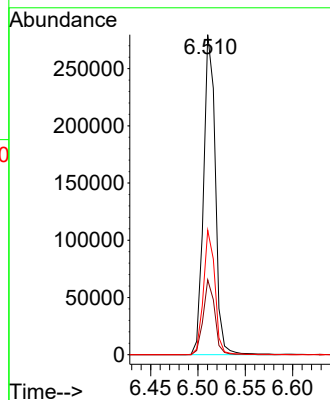
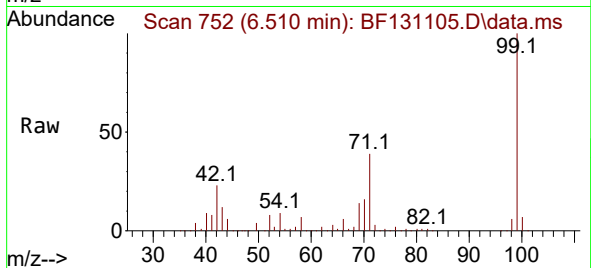




#7
Phenol-d6
Concen: 37.629 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.011 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

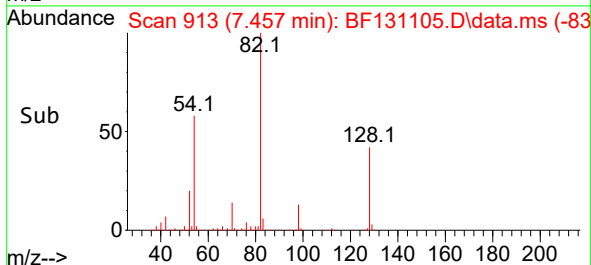
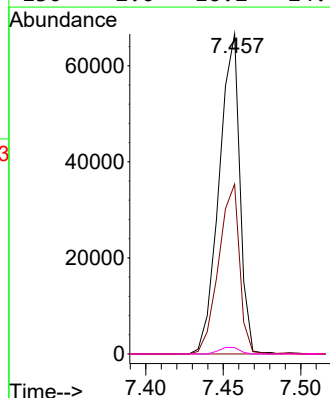
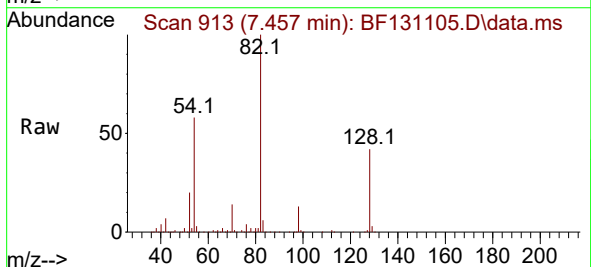
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE

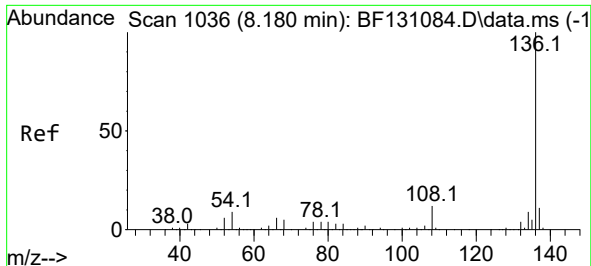
Tgt Ion: 99 Resp: 243152
Ion Ratio Lower Upper
99 100
42 23.4 20.8 31.2
71 38.9 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.593 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

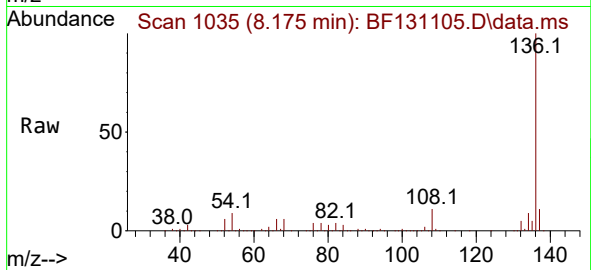
Tgt Ion: 70 Resp: 61915
Ion Ratio Lower Upper
70 100
42 53.1 58.3 87.5#
101 0.0 7.4 11.2#
130 2.0 16.2 24.4#



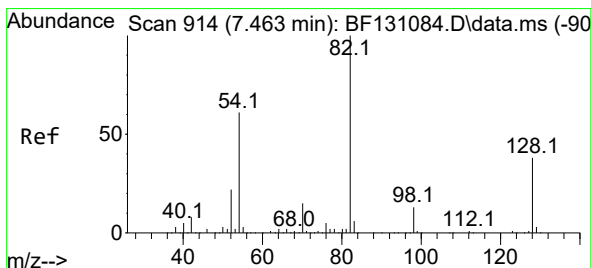
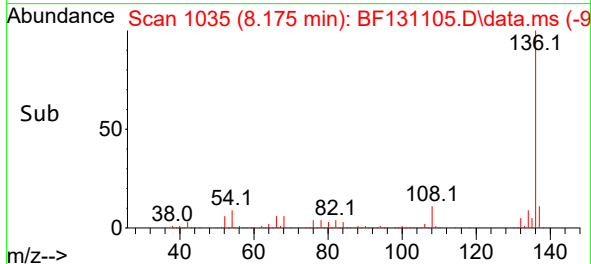
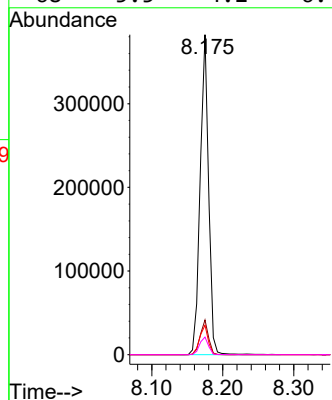


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

Instrument : BNA_F
ClientSampleId : DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE

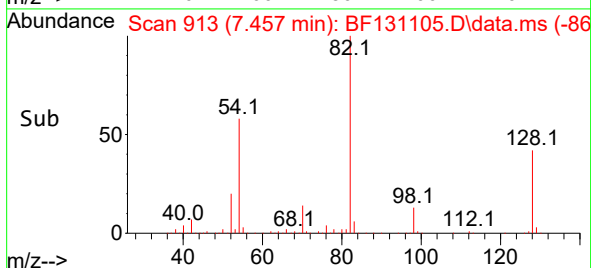
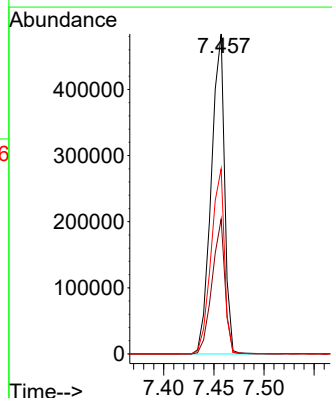
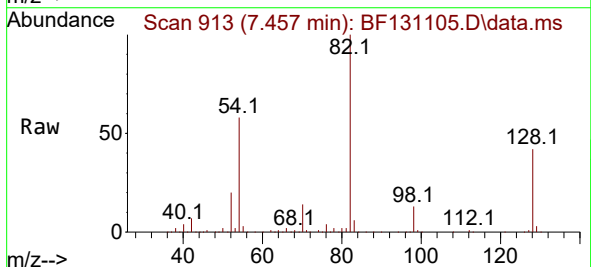


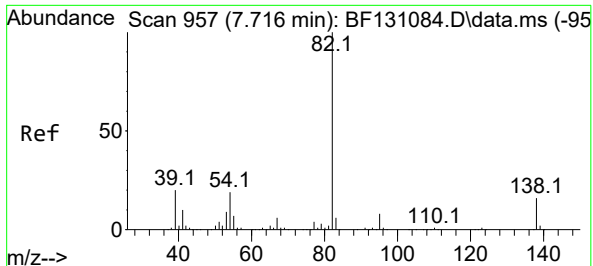
Tgt Ion:	136	Resp:	317017
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.2	7.2	10.8
68	5.5	4.2	6.4



#23
Nitrobenzene-d5
Concen: 64.055 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

Tgt Ion:	82	Resp:	450069
Ion	Ratio	Lower	Upper
82	100		
128	42.2	30.5	45.7
54	57.9	49.1	73.7

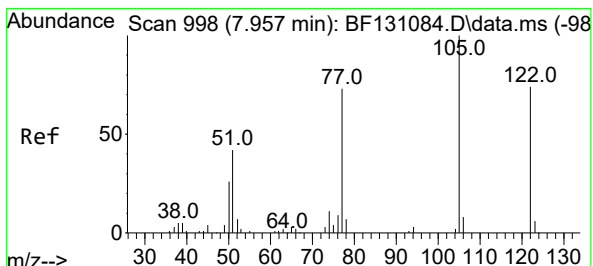
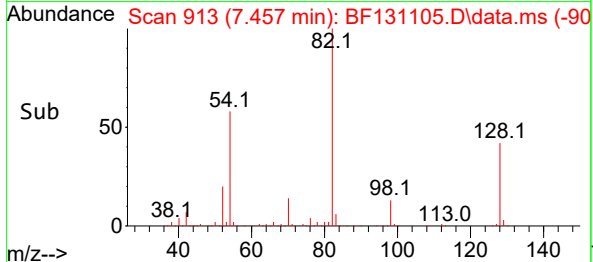
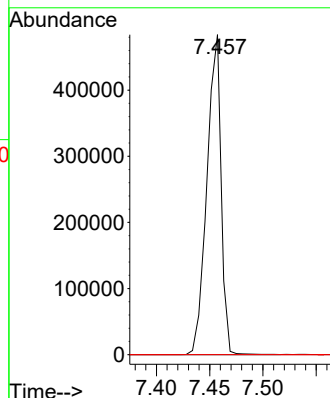
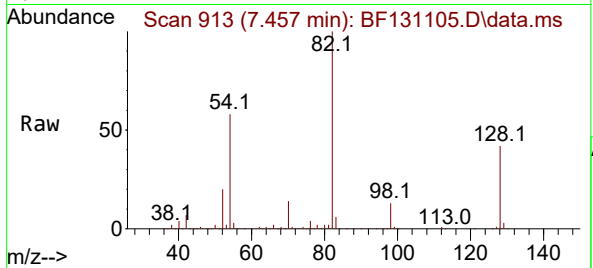




#25
Isophorone
Concen: 41.427 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.258 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

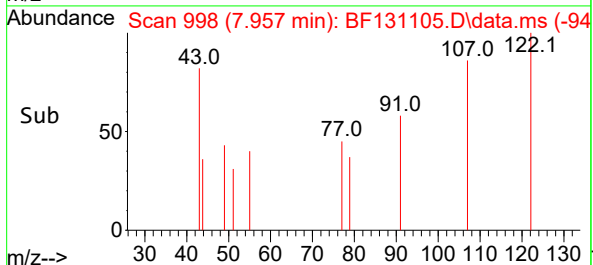
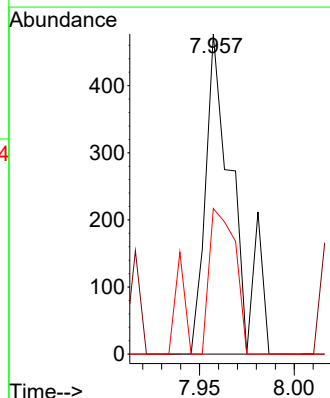
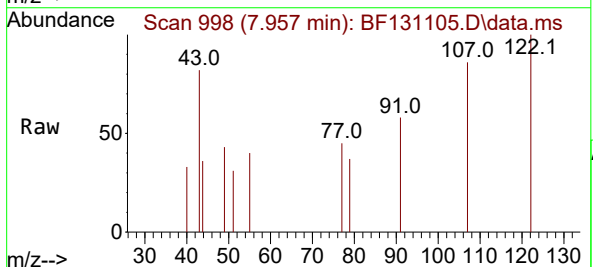
Instrument : BNA_F
ClientSampleId : DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE

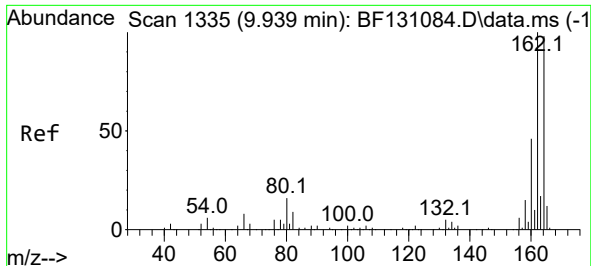
Tgt Ion: 82 Resp: 450064
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.851 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

Tgt Ion: 122 Resp: 492
Ion Ratio Lower Upper
122 100
105 0.0 113.0 153.0#
77 45.5 78.7 118.7#

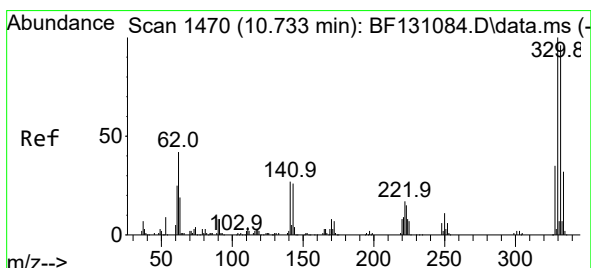
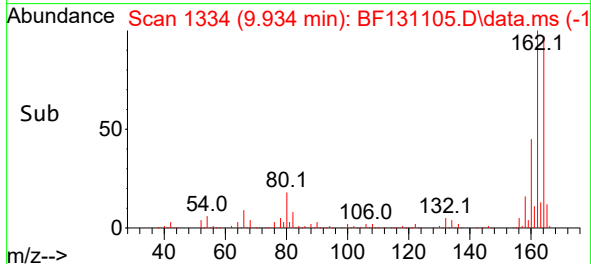
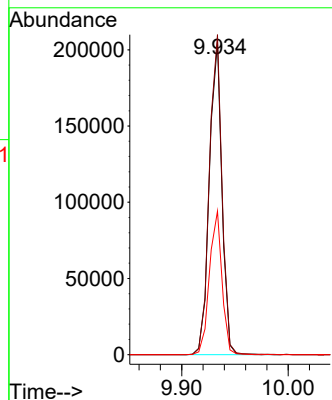
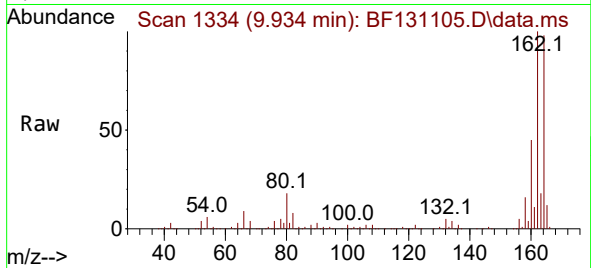




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

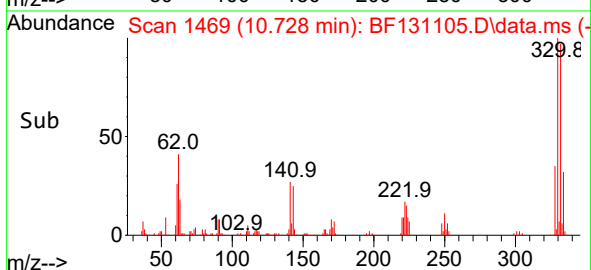
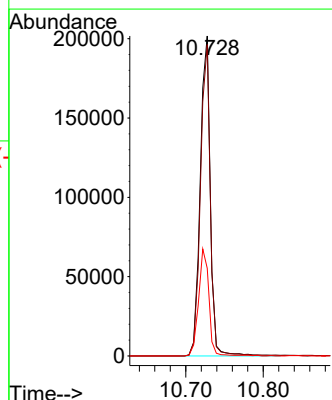
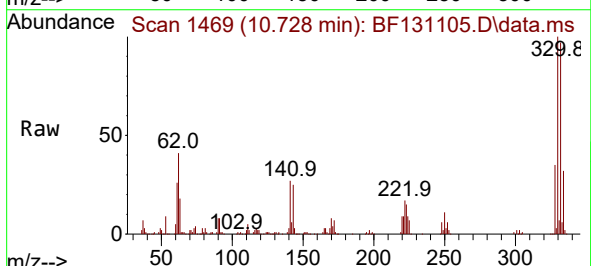
Instrument :
BNA_F
ClientSampleId :
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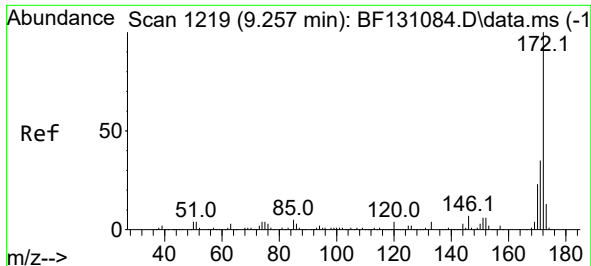
Tgt Ion:164 Resp: 168519
Ion Ratio Lower Upper
164 100
162 102.5 81.7 122.5
160 46.0 37.4 56.2



#42
2,4,6-Tribromophenol
Concen: 104.382 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

Tgt Ion:330 Resp: 181791
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 34.2 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 66.572 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131105.D

Acq: 10 Nov 2022 00:35

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE

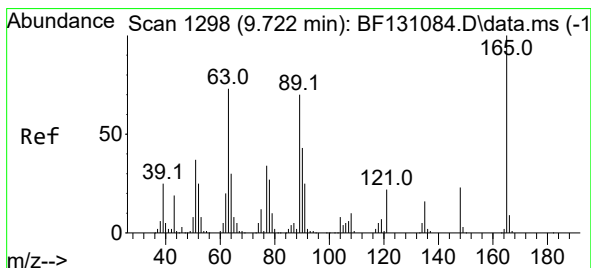
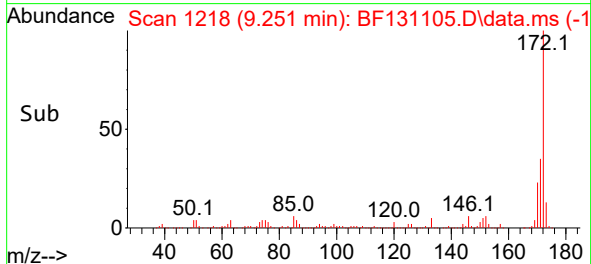
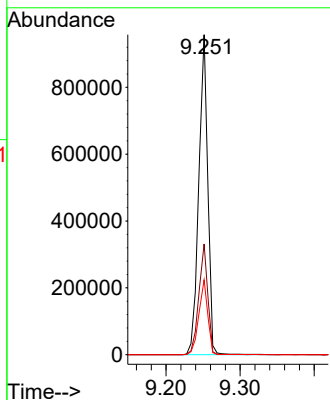
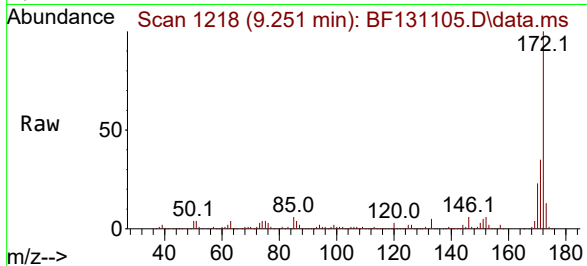
Tgt Ion:172 Resp: 803646

Ion Ratio Lower Upper

172 100

171 34.6 27.7 41.5

170 23.4 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.217 ng

RT: 9.934 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131105.D

Acq: 10 Nov 2022 00:35

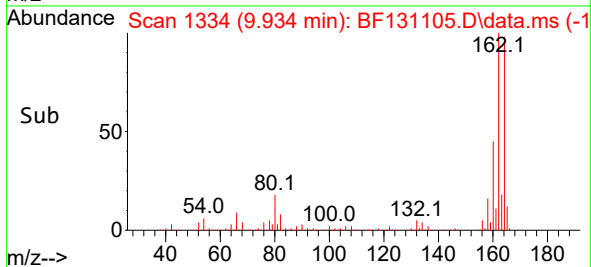
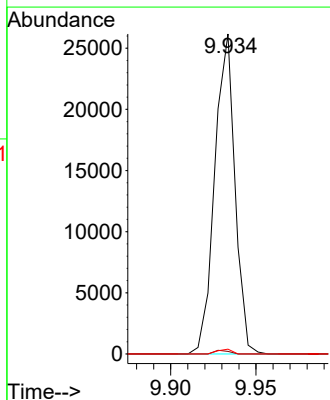
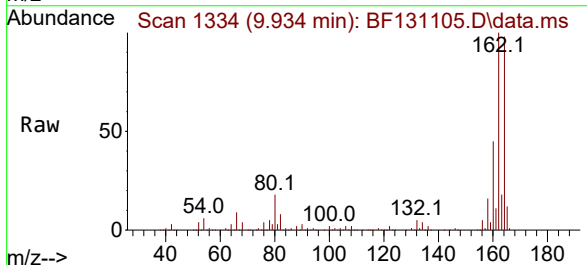
Tgt Ion:165 Resp: 21647

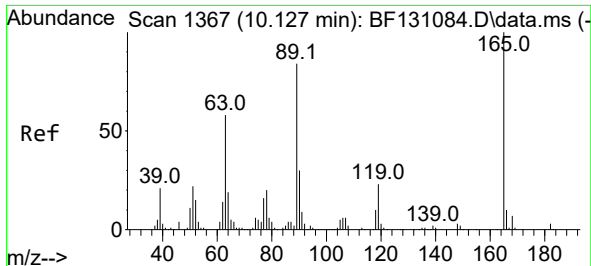
Ion Ratio Lower Upper

165 100

63 0.8 61.4 92.2#

89 1.5 56.0 84.0#

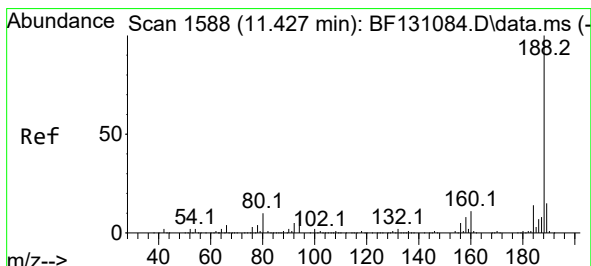
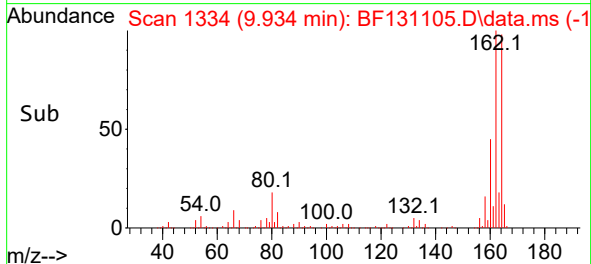
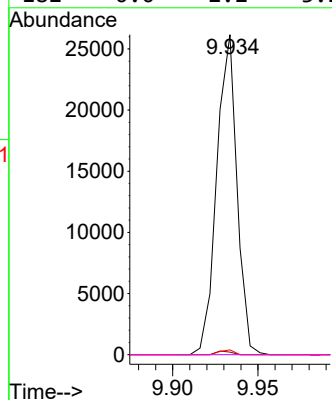
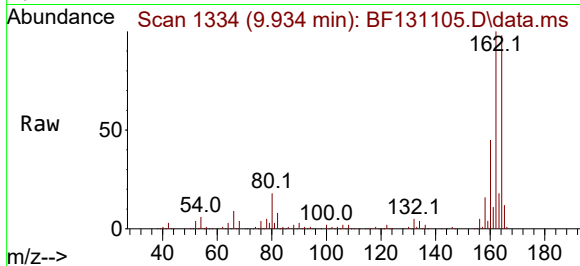




#57
2,4-Dinitrotoluene
Concen: 6.181 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

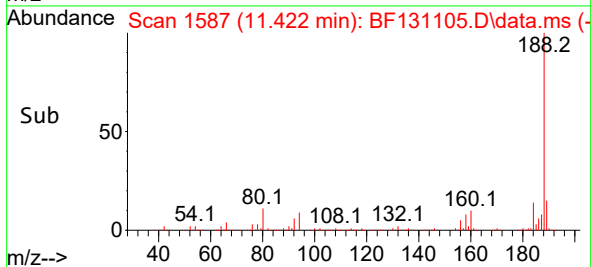
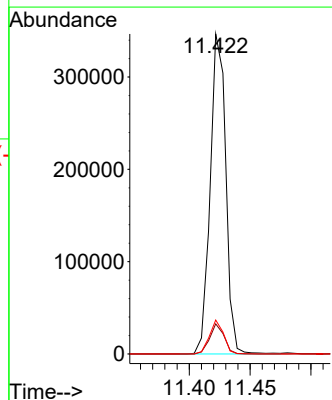
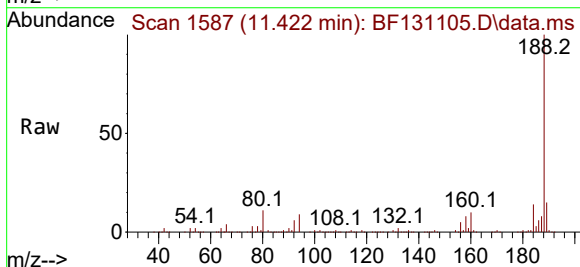
Instrument :
BNA_F
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DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE

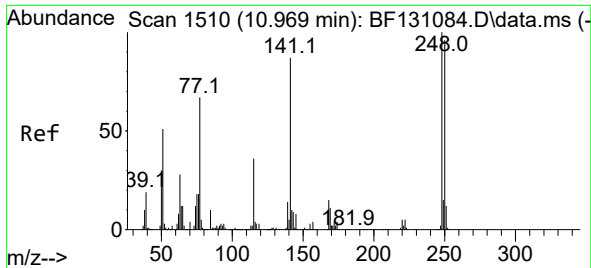
Tgt Ion:165 Resp: 21647
Ion Ratio Lower Upper
165 100
63 0.8 46.9 70.3#
89 1.5 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

Tgt Ion:188 Resp: 308363
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.6 7.9 11.9

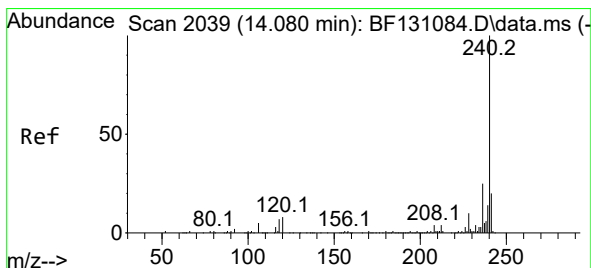
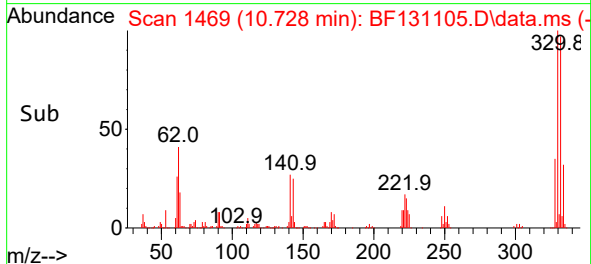
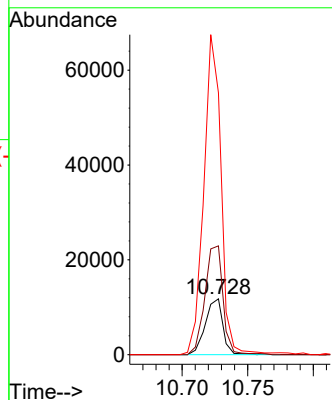
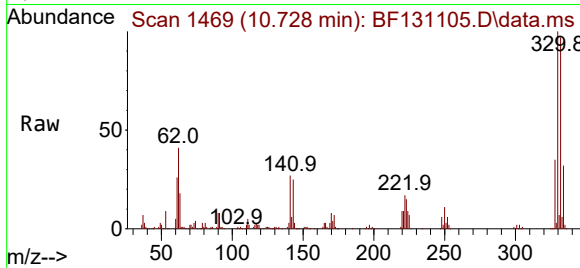




#67
4-Bromophenyl-phenylether
Concen: 3.157 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

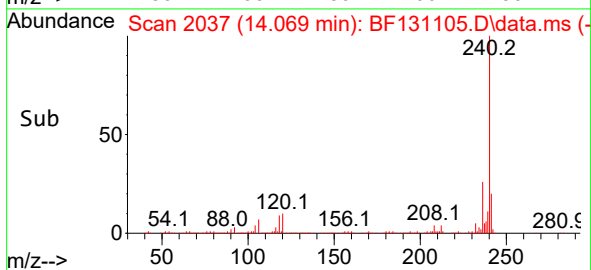
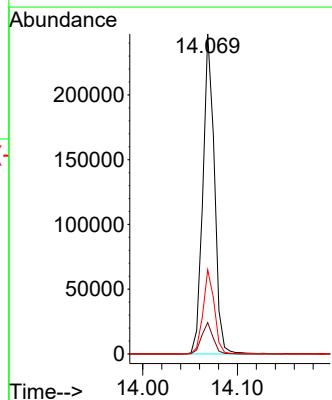
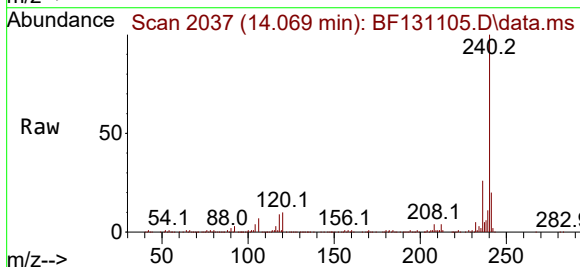
Instrument :
BNA_F
ClientSampleId :
DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE

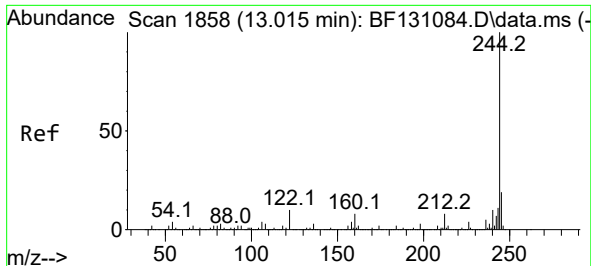
Tgt Ion:248 Resp: 11008
Ion Ratio Lower Upper
248 100
250 194.9 77.0 115.6#
141 468.8 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BF131105.D
Acq: 10 Nov 2022 00:35

Tgt Ion:240 Resp: 209639
Ion Ratio Lower Upper
240 100
120 9.8 6.5 9.7#
236 26.3 19.7 29.5

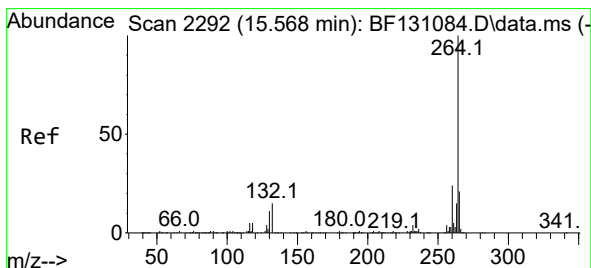
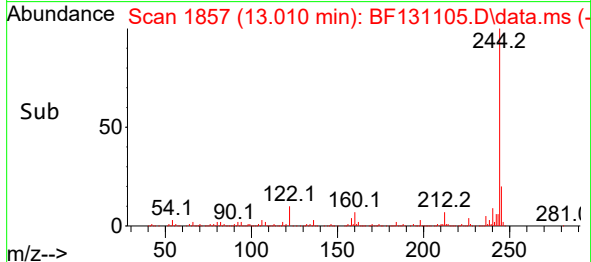
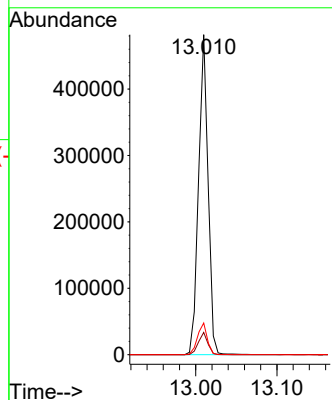
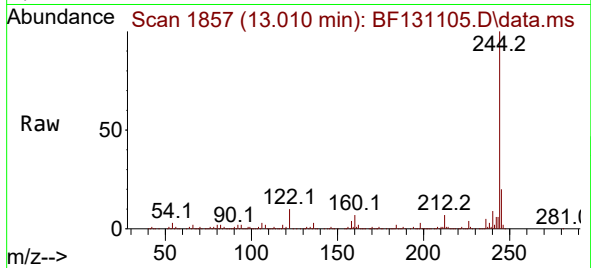




#79
 Terphenyl-d14
 Concen: 32.960 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.005 min
 Lab File: BF131105.D
 Acq: 10 Nov 2022 00:35

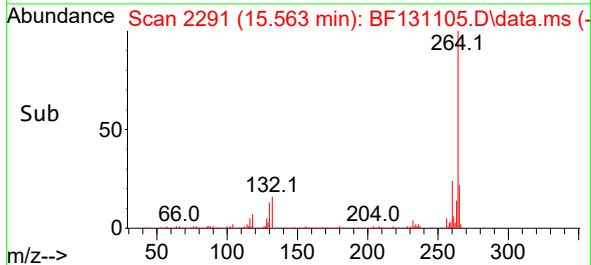
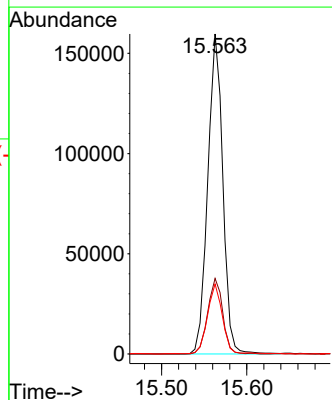
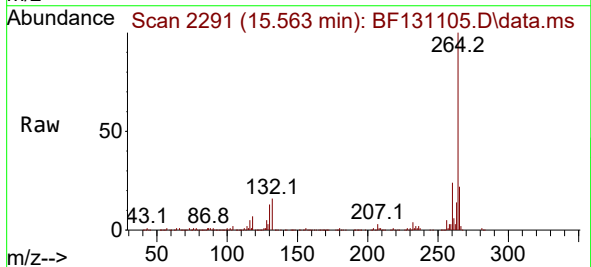
Instrument : BNA_F
 ClientSampleId : DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE

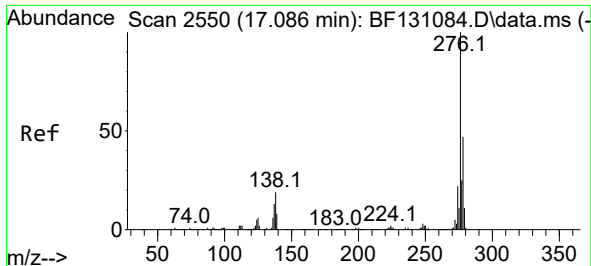
Tgt Ion:244 Resp: 394086
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 9.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF131105.D
 Acq: 10 Nov 2022 00:35

Tgt Ion:264 Resp: 195967
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.8 16.7 25.1

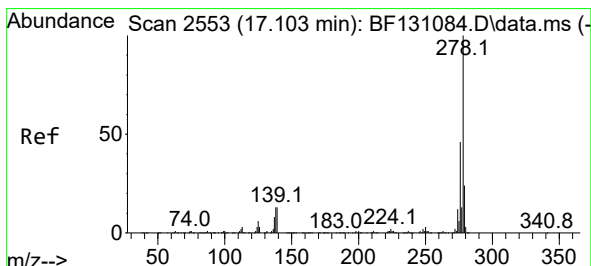
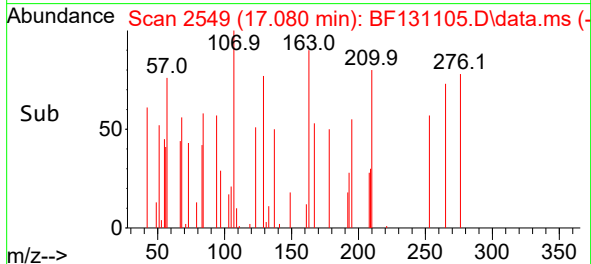
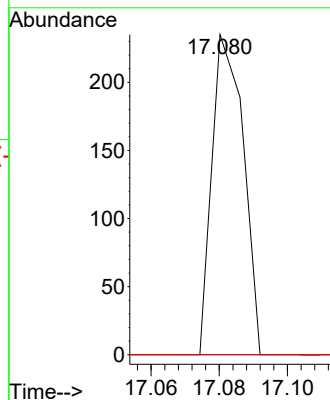
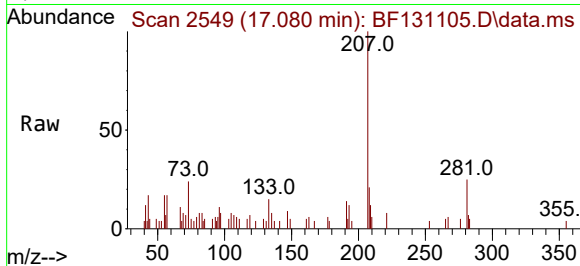




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.873 ng
 RT: 17.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131105.D
 Acq: 10 Nov 2022 00:35

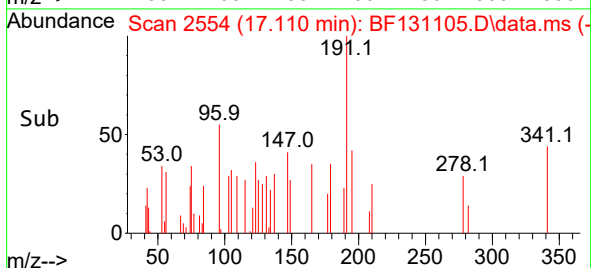
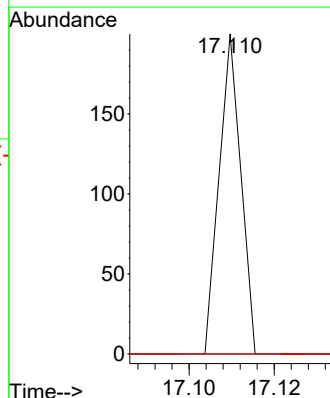
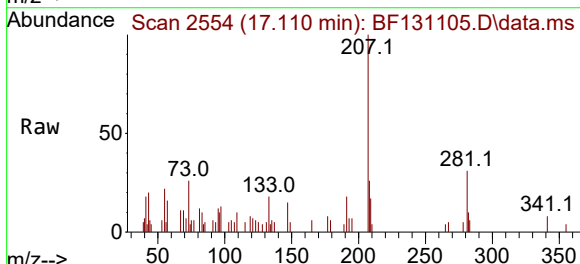
Instrument :
 BNA_F
 ClientSampleId :
 DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE

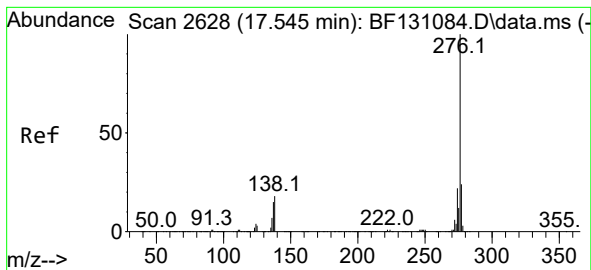
Tgt Ion:276 Resp: 150
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.9 25.3#
 277 0.0 20.3 30.5#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.844 ng
 RT: 17.110 min Scan# 2554
 Delta R.T. 0.007 min
 Lab File: BF131105.D
 Acq: 10 Nov 2022 00:35

Tgt Ion:278 Resp: 71
 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: 4.370 ng

RT: 17.545 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF131105.D

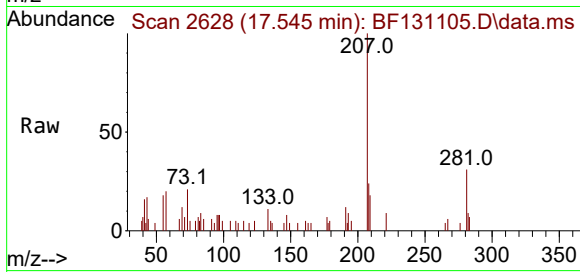
Acq: 10 Nov 2022 00:35

Instrument :

BNA_F

ClientSampleId :

DISSOLVED-20221172-COMP-07-MODIFIED-ELUTRIATE



Tgt Ion:	276	Resp:	62
Ion Ratio	Lower	Upper	
276	100		
277	0.0	19.0	28.4#
138	0.0	14.6	21.8#

