

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131098.D
 Acq On : 09 Nov 2022 21:05
 Operator : CG\JU
 Sample : N5439-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 506D-4

Quant Time: Nov 10 04:33:12 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

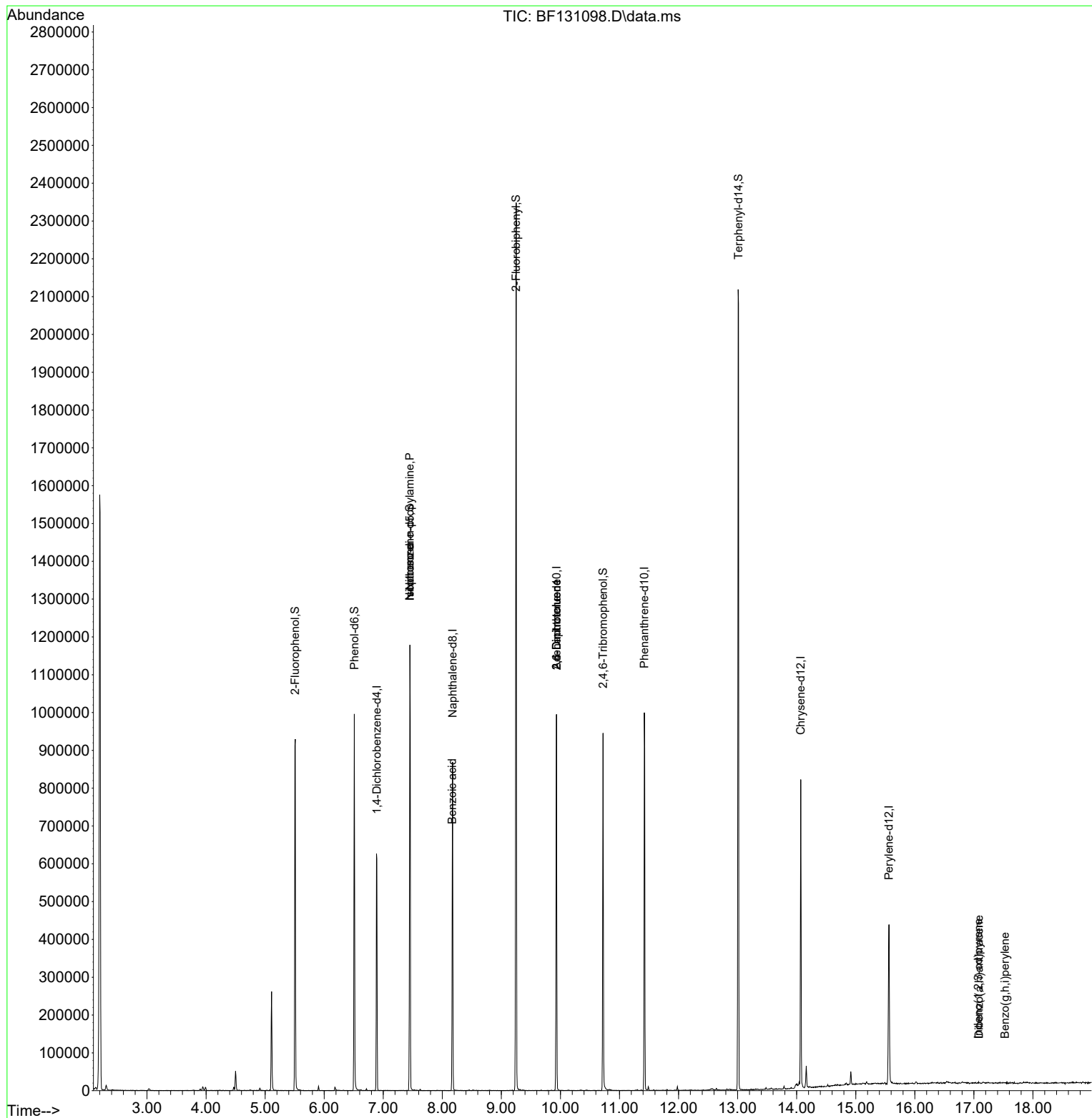
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	90385	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	348734	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	190722	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	363841	20.000	ng	0.00
76) Chrysene-d12	14.068	240	258689	20.000	ng	-0.01
86) Perylene-d12	15.562	264	189182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	236303	44.461	ng	0.00
7) Phenol-d6	6.510	99	268960	38.708	ng	-0.01
23) Nitrobenzene-d5	7.451	82	374237	48.418	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	96032	48.721	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	691527	50.616	ng	0.00
79) Terphenyl-d14	13.016	244	773763	52.444	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	50508	11.071	ng	# 76
25) Isophorone	7.451	82	374303	31.320	ng	# 68
32) Benzoic acid	8.169	122	57	5.731	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	24750	8.301	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	24750	6.245	ng	# 16
87) Indeno(1,2,3-cd)pyrene	17.074	276	458	3.892	ng	# 64
91) Dibenzo(a,h)anthracene	17.086	278	335	3.864	ng	# 57
92) Benzo(g,h,i)perylene	17.527	276	564	4.404	ng	# 55

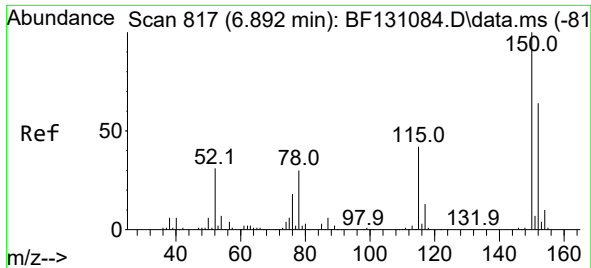
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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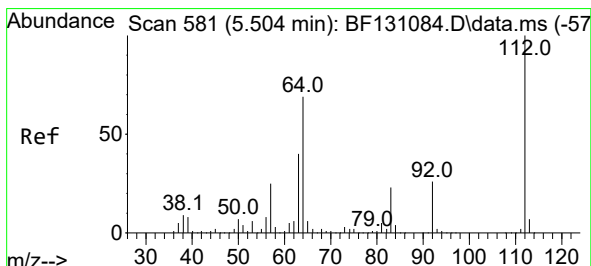
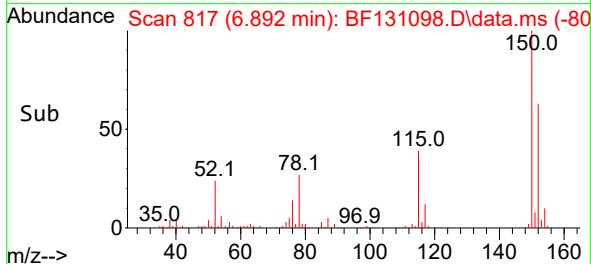
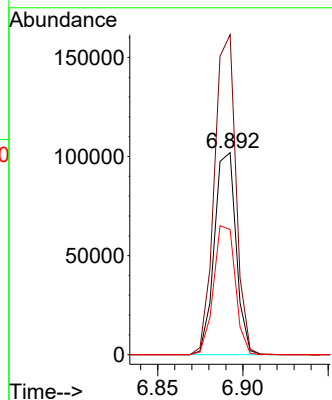
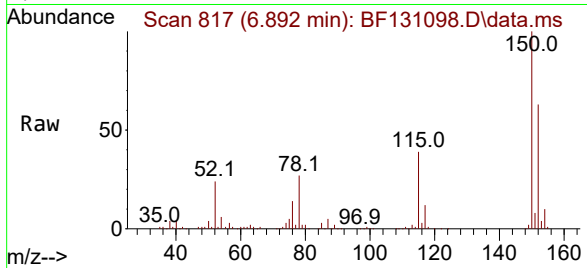




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

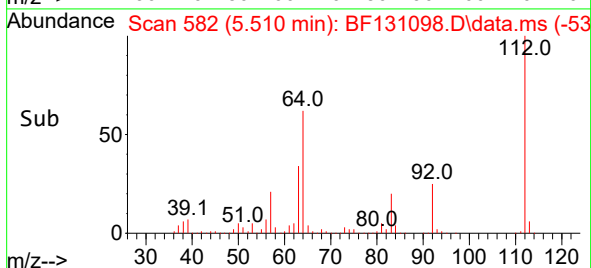
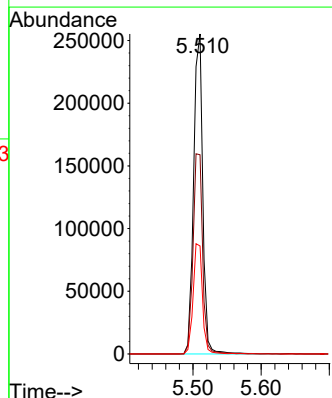
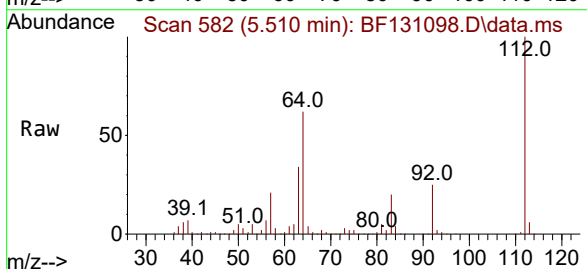
Instrument :
BNA_F
ClientSampleId :
506D-4

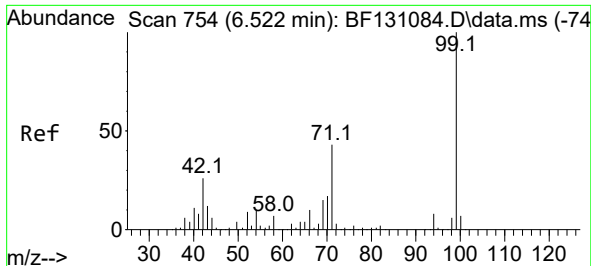
Tgt Ion:152 Resp: 90385
Ion Ratio Lower Upper
152 100
150 158.4 125.5 188.3
115 62.0 52.2 78.2



#5
2-Fluorophenol
Concen: 44.461 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Tgt Ion:112 Resp: 236303
Ion Ratio Lower Upper
112 100
64 62.2 55.1 82.7
63 33.7 32.4 48.6

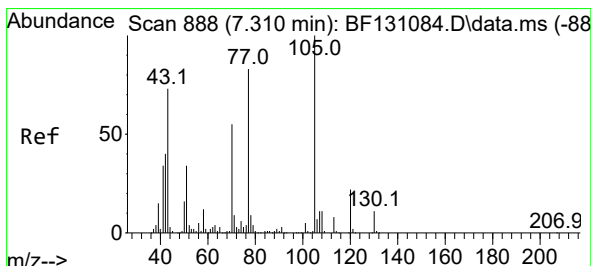
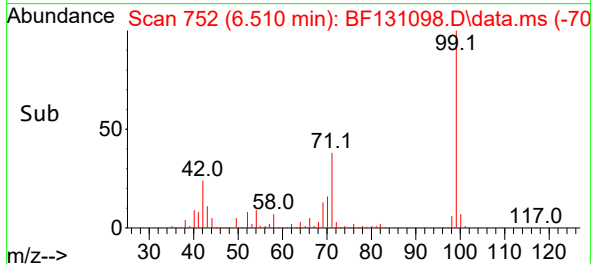
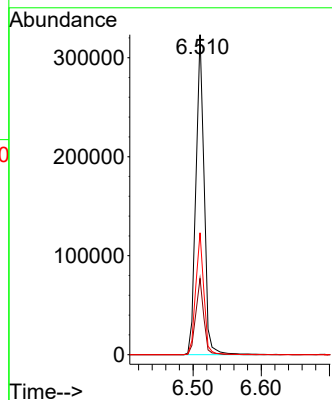
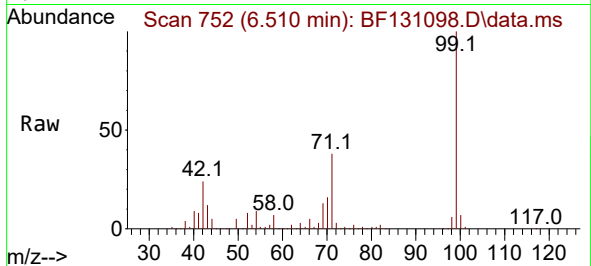




#7
Phenol-d6
Concen: 38.708 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

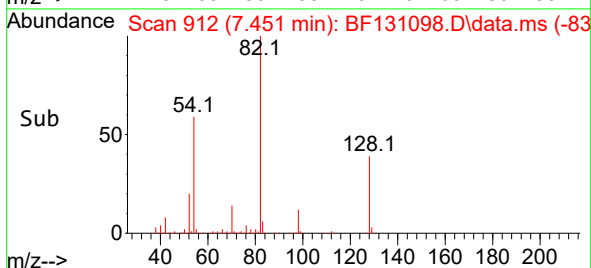
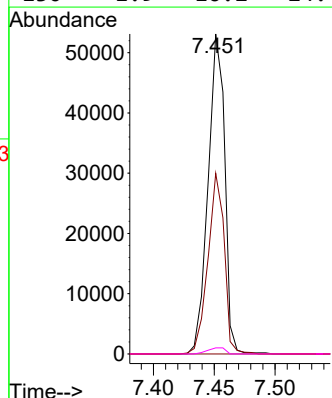
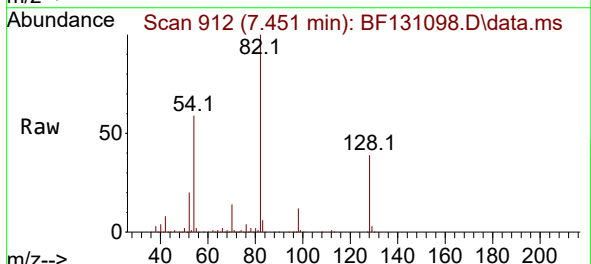
Instrument :
BNA_F
ClientSampleId :
506D-4

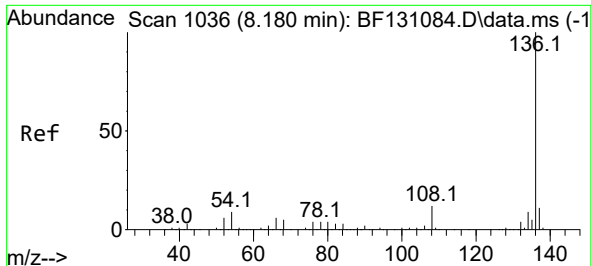
Tgt Ion: 99 Resp: 268960
Ion Ratio Lower Upper
99 100
42 23.8 20.8 31.2
71 38.1 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.071 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Tgt Ion: 70 Resp: 50508
Ion Ratio Lower Upper
70 100
42 56.4 58.3 87.5#
101 0.0 7.4 11.2#
130 1.9 16.2 24.4#



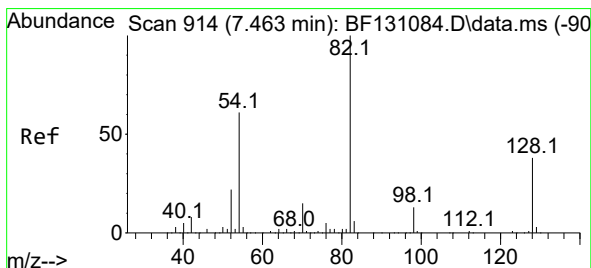
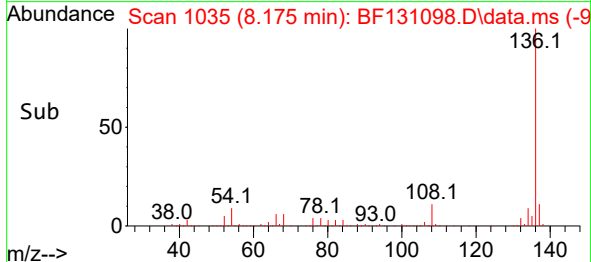
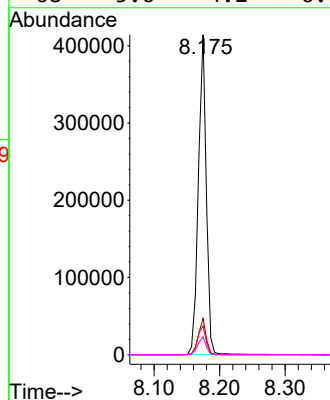
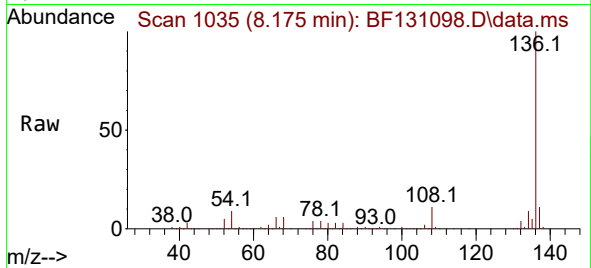


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Instrument :
BNA_F
ClientSampleId :
506D-4

Tgt Ion:136 Resp: 348734

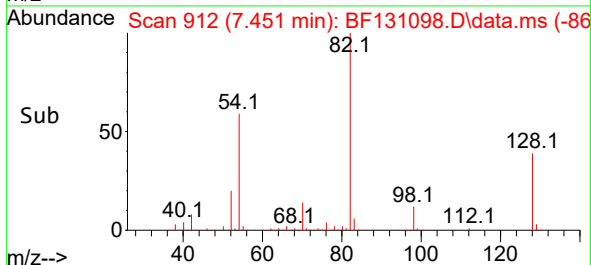
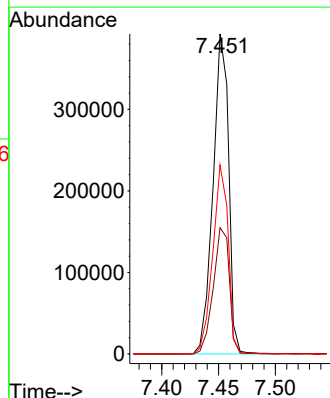
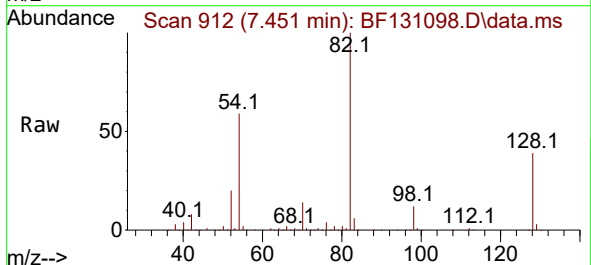
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	9.0	7.2	10.8
68	5.6	4.2	6.4

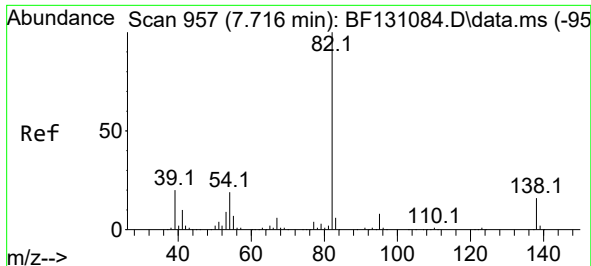


#23
Nitrobenzene-d5
Concen: 48.418 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Tgt Ion: 82 Resp: 374237

Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.5	45.7
54	59.0	49.1	73.7

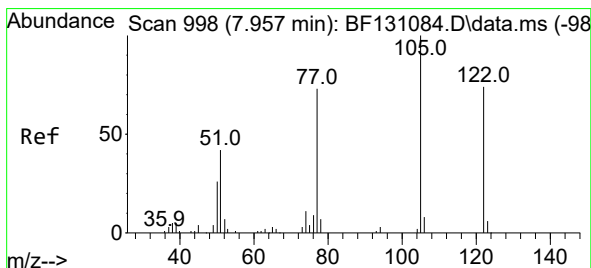
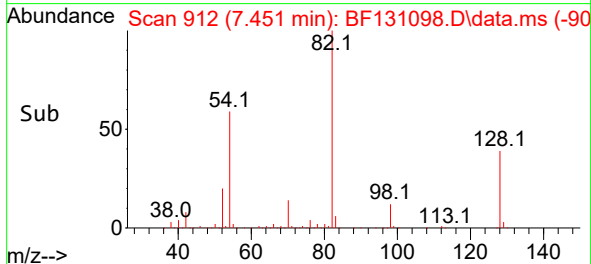
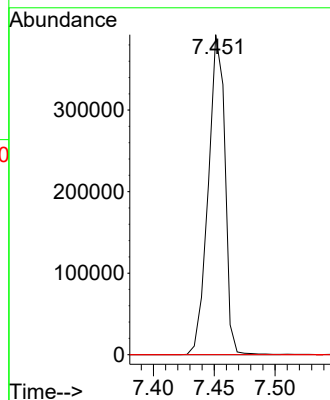
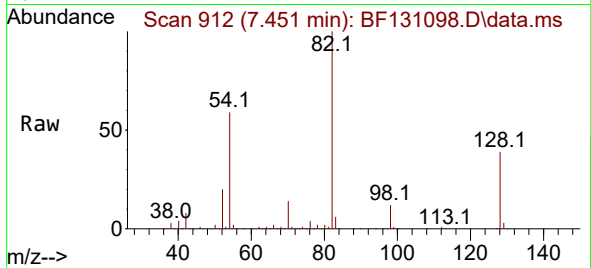




#25
Isophorone
Concen: 31.320 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

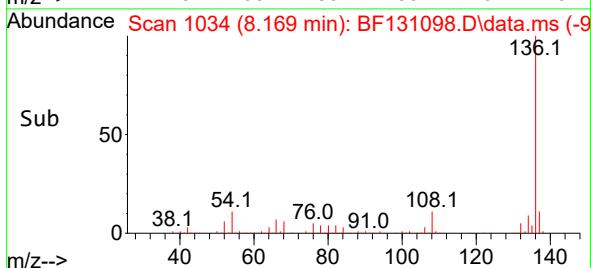
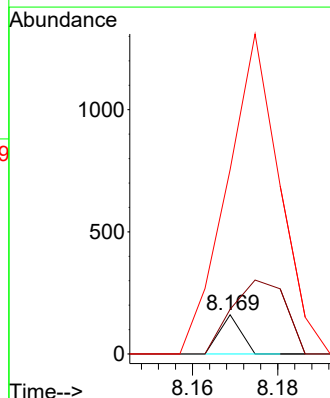
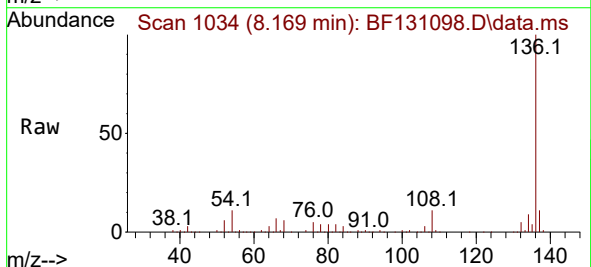
Instrument :
BNA_F
ClientSampleId :
506D-4

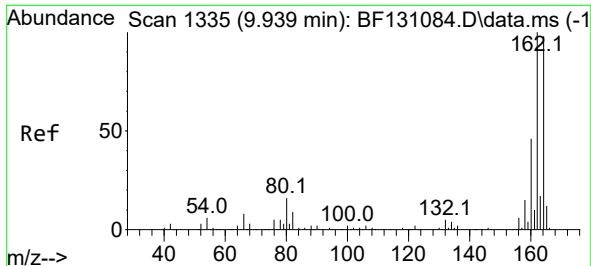
Tgt Ion: 82 Resp: 374303
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.731 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.212 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Tgt Ion: 122 Resp: 57
Ion Ratio Lower Upper
122 100
105 113.7 113.0 153.0
77 468.9 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: BF131098.D

Acq: 09 Nov 2022 21:05

Instrument :

BNA_F

ClientSampleId :

506D-4

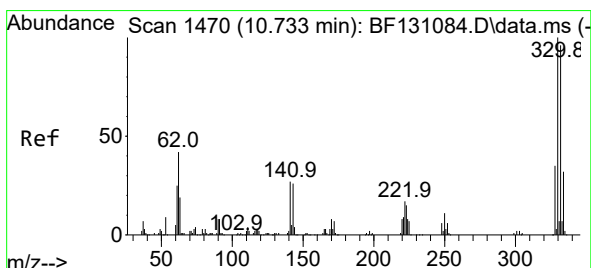
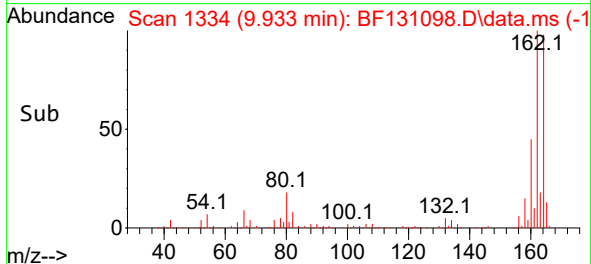
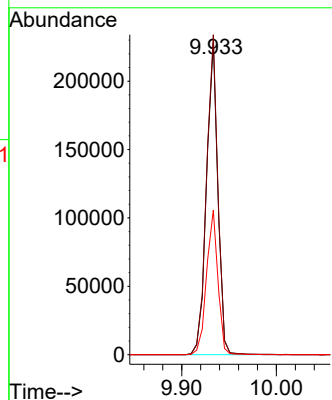
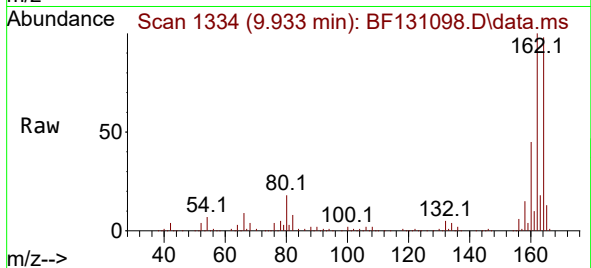
Tgt Ion:164 Resp: 190722

Ion Ratio Lower Upper

164 100

162 102.4 81.7 122.5

160 46.3 37.4 56.2



#42

2,4,6-Tribromophenol

Concen: 48.721 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131098.D

Acq: 09 Nov 2022 21:05

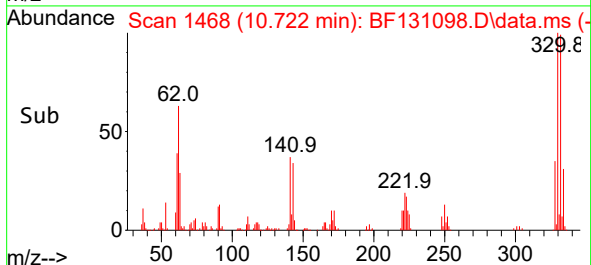
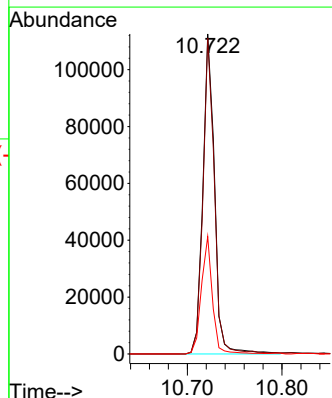
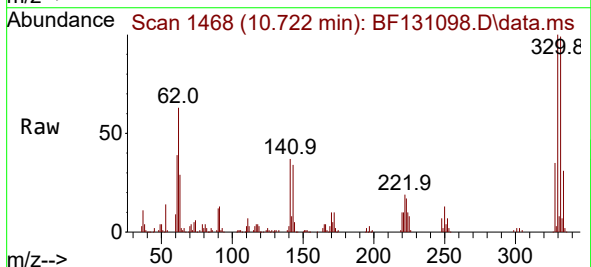
Tgt Ion:330 Resp: 96032

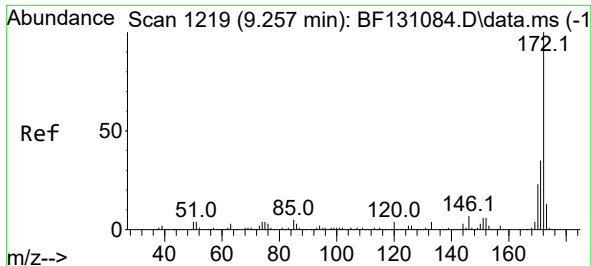
Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.4

141 35.0 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 50.616 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131098.D

Acq: 09 Nov 2022 21:05

Instrument :

BNA_F

ClientSampleId :

506D-4

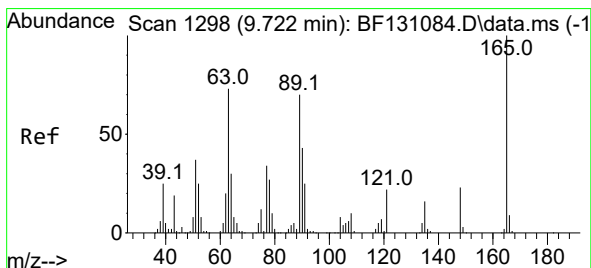
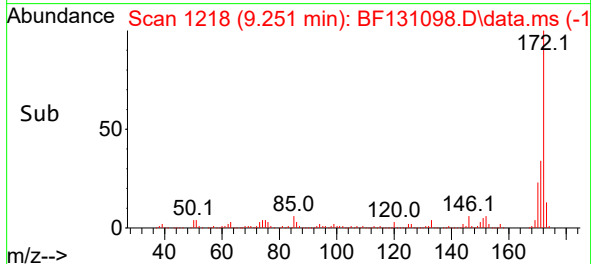
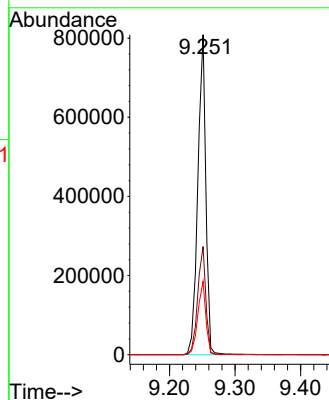
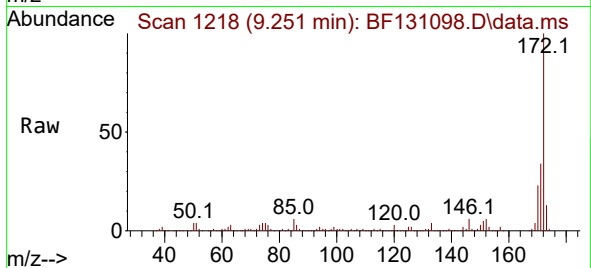
Tgt Ion:172 Resp: 691527

Ion Ratio Lower Upper

172 100

171 33.8 27.7 41.5

170 22.9 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.301 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131098.D

Acq: 09 Nov 2022 21:05

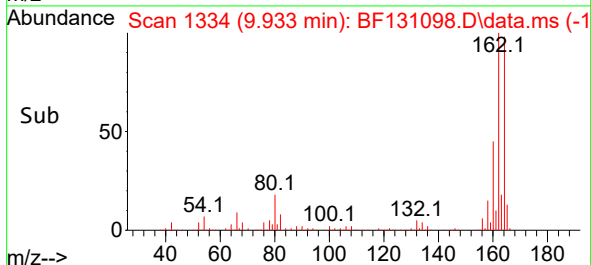
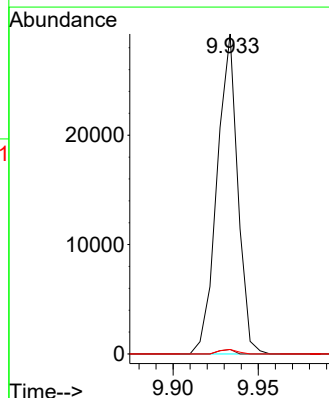
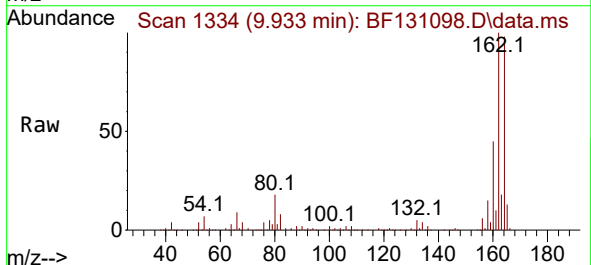
Tgt Ion:165 Resp: 24750

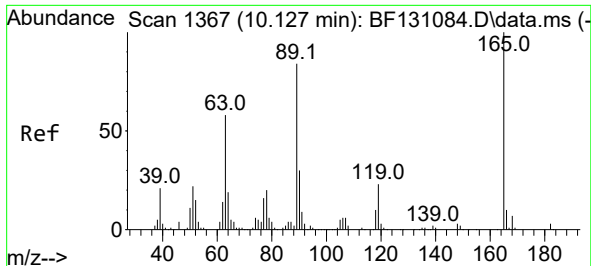
Ion Ratio Lower Upper

165 100

63 1.4 61.4 92.2#

89 1.4 56.0 84.0#

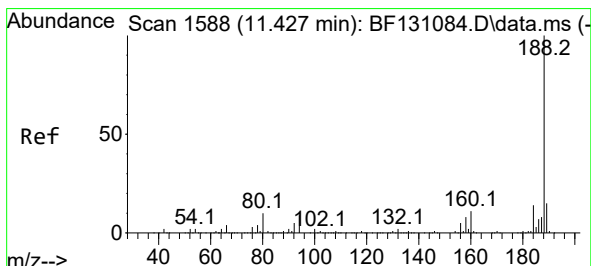
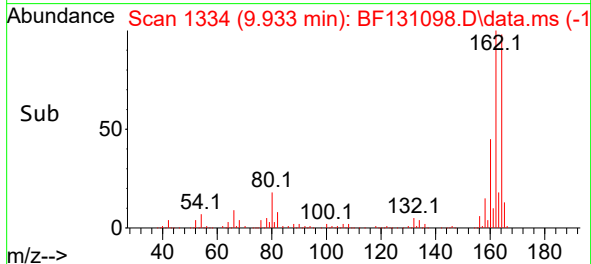
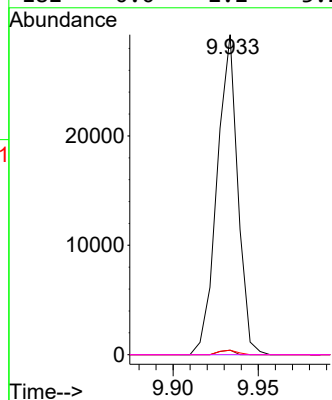
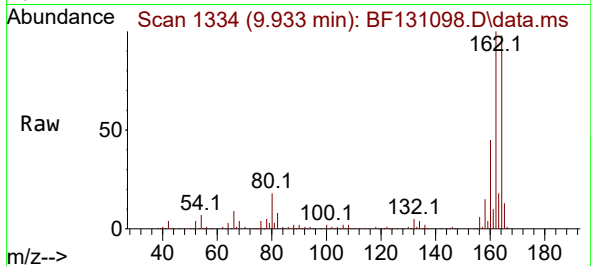




#57
2,4-Dinitrotoluene
Concen: 6.245 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

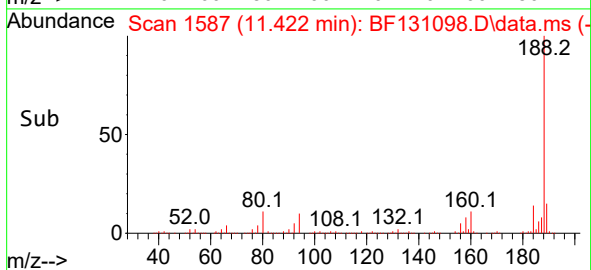
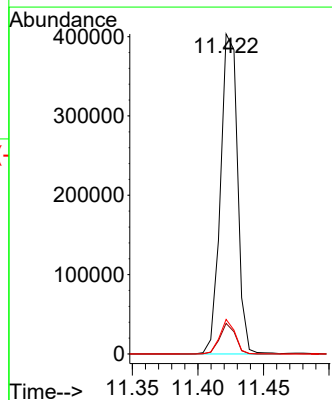
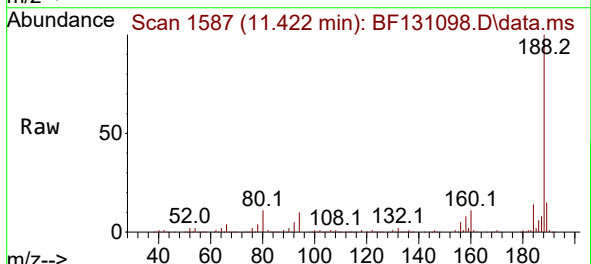
Instrument :
BNA_F
ClientSampleId :
506D-4

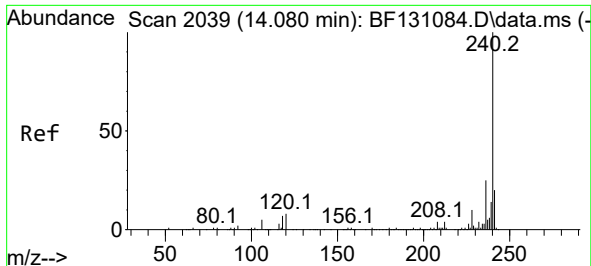
Tgt Ion:165 Resp: 24750
Ion Ratio Lower Upper
165 100
63 1.4 46.9 70.3#
89 1.4 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Tgt Ion:188 Resp: 363841
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.8 7.9 11.9

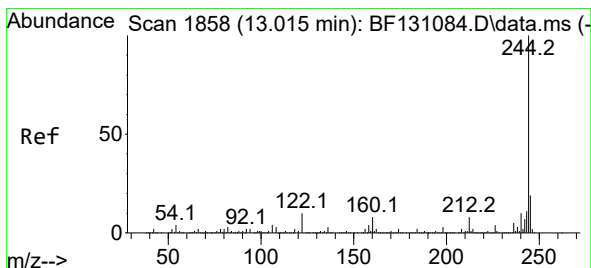
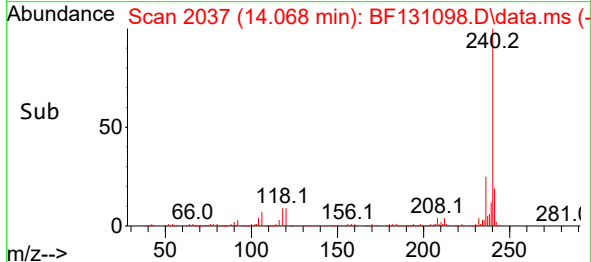
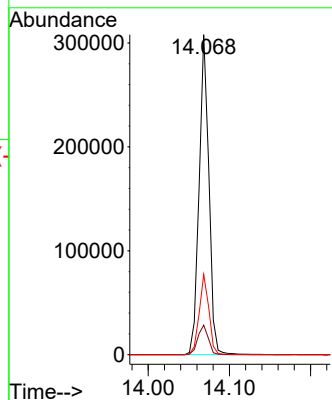
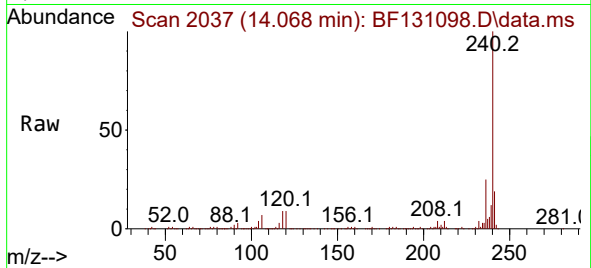




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

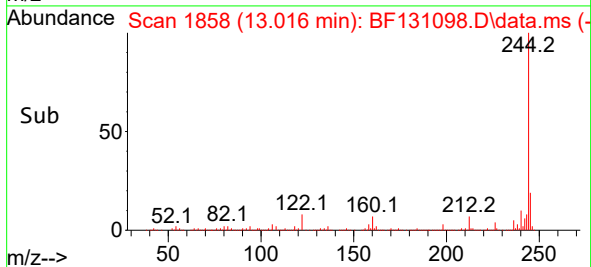
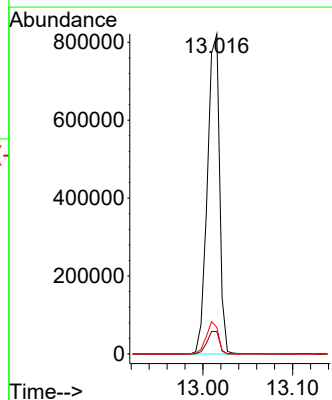
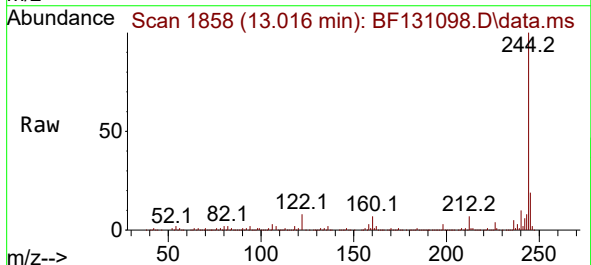
Instrument :
BNA_F
ClientSampleId :
506D-4

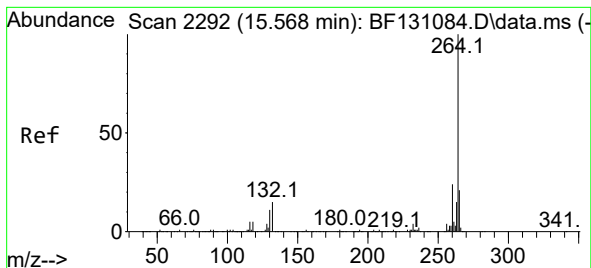
Tgt Ion:240 Resp: 258689
Ion Ratio Lower Upper
240 100
120 9.3 6.5 9.7
236 25.0 19.7 29.5



#79
Terphenyl-d14
Concen: 52.444 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.001 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Tgt Ion:244 Resp: 773763
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 8.3 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131098.D

Acq: 09 Nov 2022 21:05

Instrument :

BNA_F

ClientSampleId :

506D-4

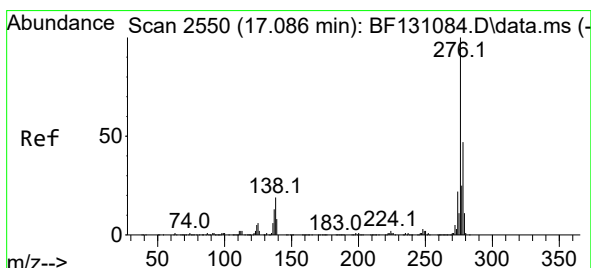
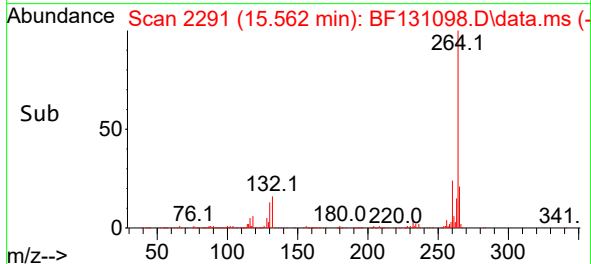
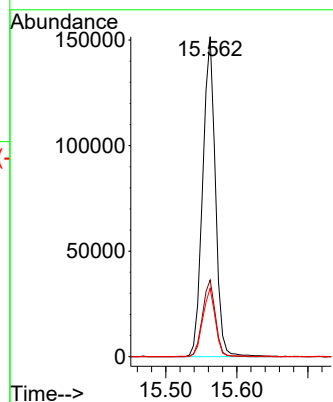
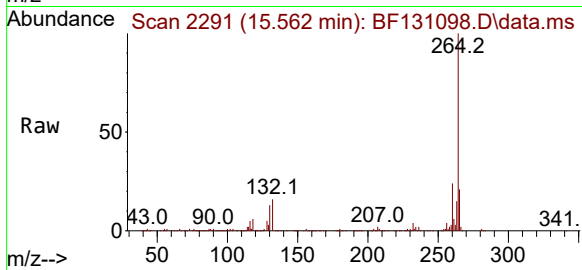
Tgt Ion:264 Resp: 189182

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.4 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.892 ng

RT: 17.074 min Scan# 2548

Delta R.T. -0.012 min

Lab File: BF131098.D

Acq: 09 Nov 2022 21:05

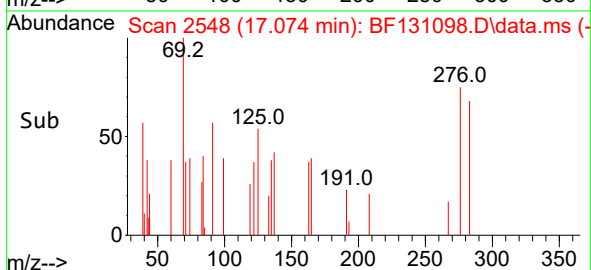
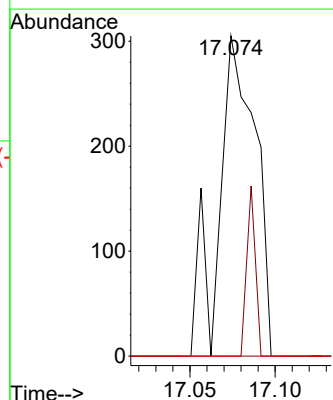
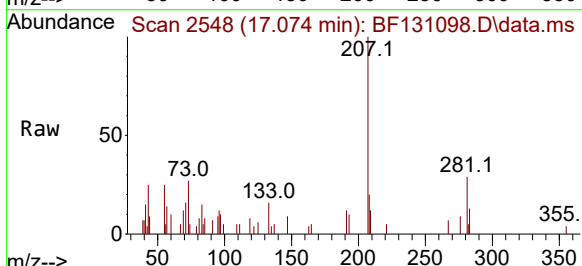
Tgt Ion:276 Resp: 458

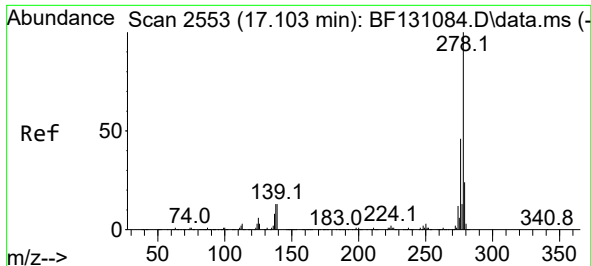
Ion Ratio Lower Upper

276 100

138 12.4 16.9 25.3#

277 0.0 20.3 30.5#

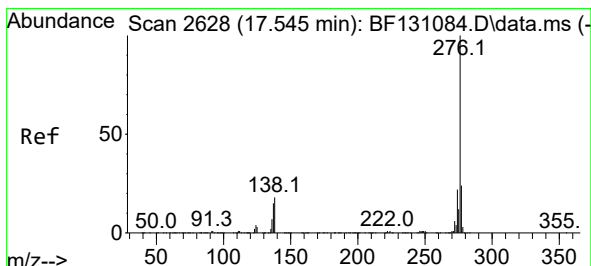
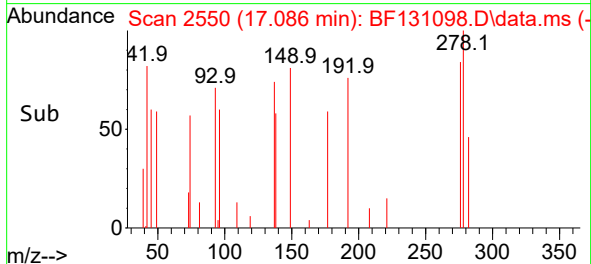
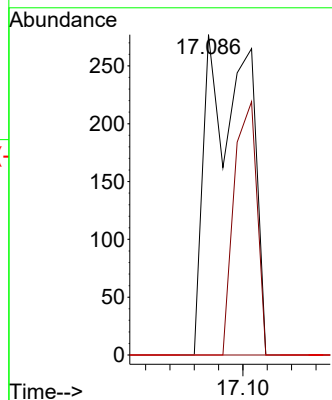
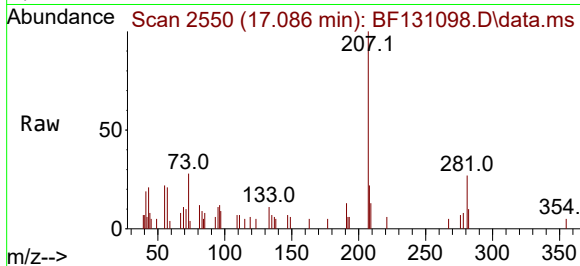




#91
Dibenzo(a,h)anthracene
Concen: 3.864 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Instrument :
BNA_F
ClientSampleId :
506D-4

Tgt Ion:278 Resp: 335
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: 4.404 ng
RT: 17.527 min Scan# 2625
Delta R.T. -0.018 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Tgt Ion:276 Resp: 564
Ion Ratio Lower Upper
276 100
277 0.0 19.0 28.4#
138 0.0 14.6 21.8#

