

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131097.D
 Acq On : 09 Nov 2022 20:34
 Operator : CG\JU
 Sample : N5439-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 506D-3

Quant Time: Nov 10 04:32:58 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)

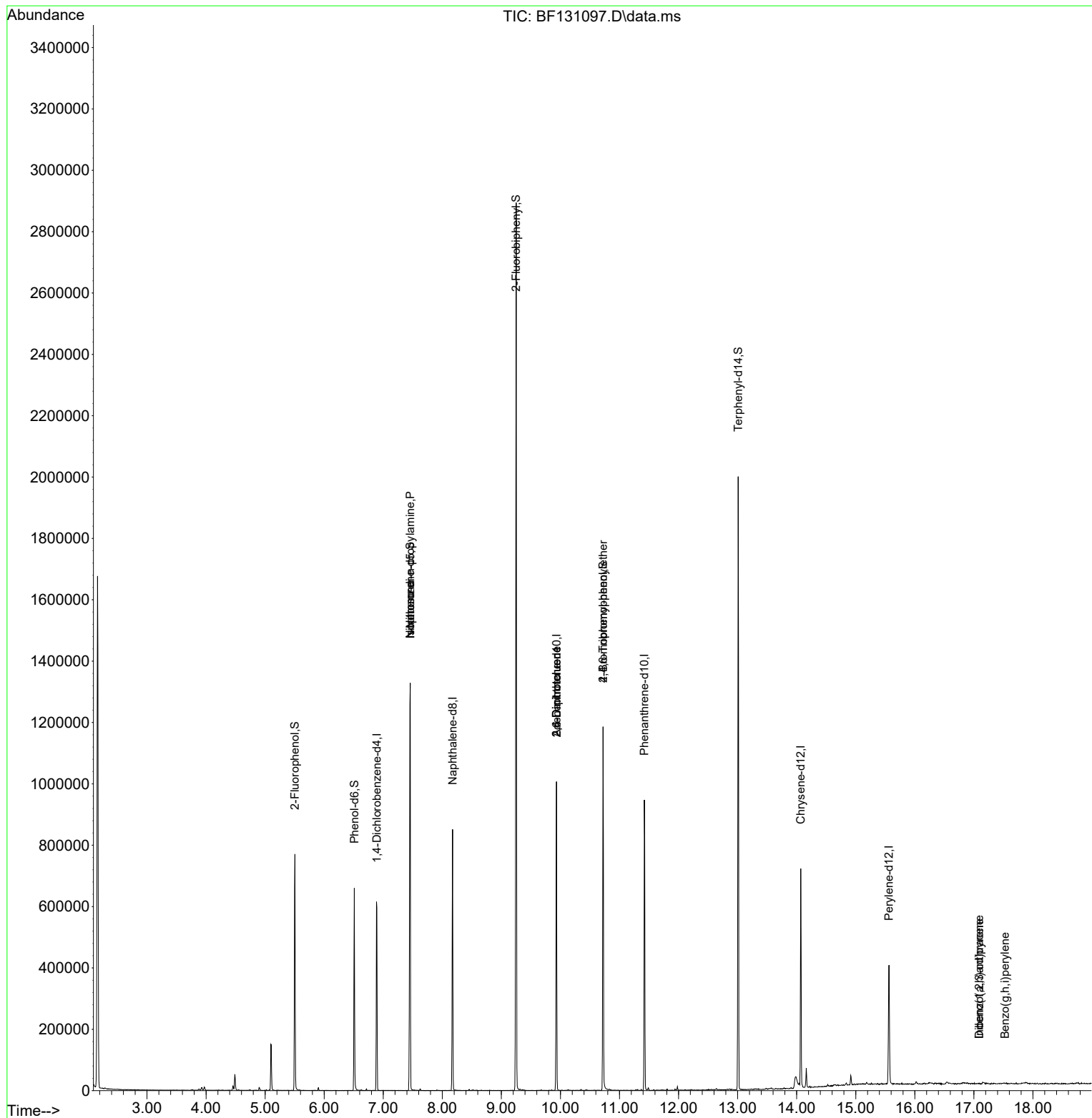
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	89481	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	336863	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	184951	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	343196	20.000	ng	0.00
76) Chrysene-d12	14.068	240	225818	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	172797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	189694	36.052	ng	0.00
7) Phenol-d6	6.510	99	174415	25.355	ng	-0.01
23) Nitrobenzene-d5	7.457	82	440703	59.027	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	128111	67.024	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	833406	62.904	ng	0.00
79) Terphenyl-d14	13.010	244	641535	49.811	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	60834	13.469	ng	# 71
25) Isophorone	7.457	82	440700	38.175	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	24172	8.360	ng	# 15
57) 2,4-Dinitrotoluene	9.933	165	24172	6.289	ng	# 17
67) 4-Bromophenyl-phenylether	10.722	248	8076	2.081	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.092	276	123	3.873	ng	# 52
91) Dibenzo(a,h)anthracene	17.092	278	357	3.868	ng	# 57
92) Benzo(g,h,i)perylene	17.527	276	223	4.383	ng	# 55

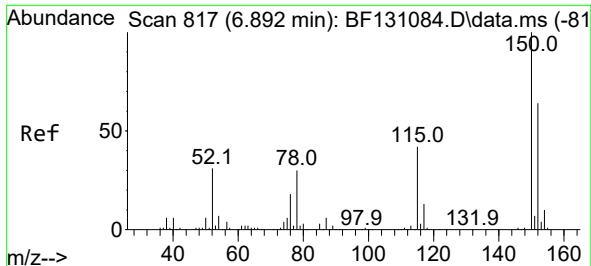
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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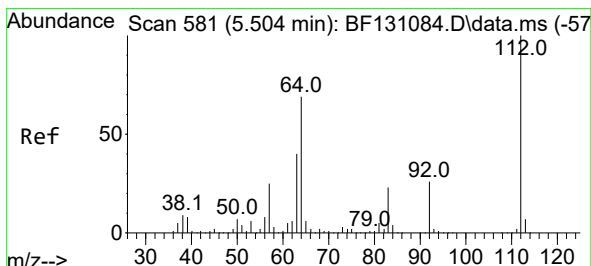
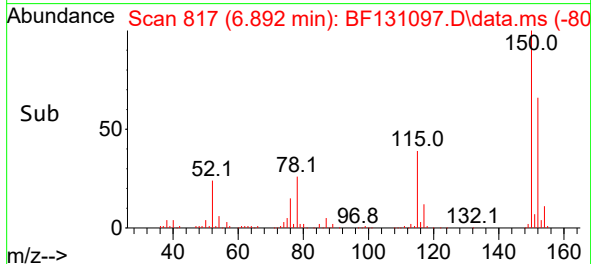
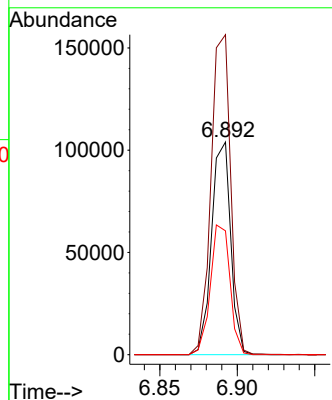
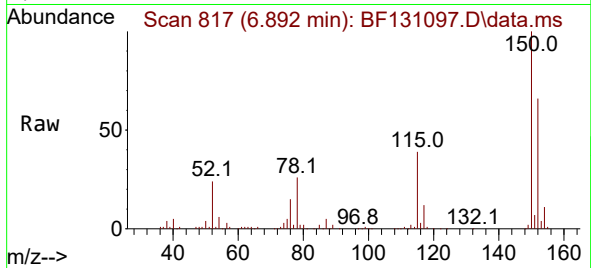




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF131097.D
 Acq: 09 Nov 2022 20:34

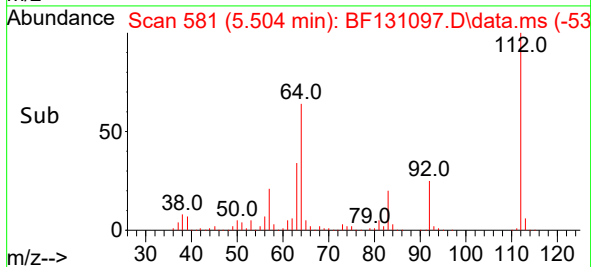
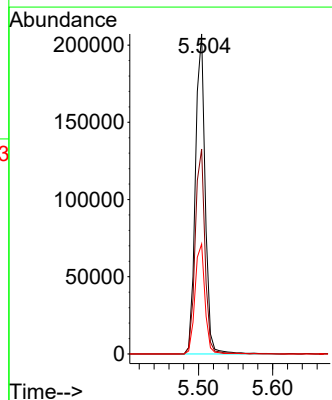
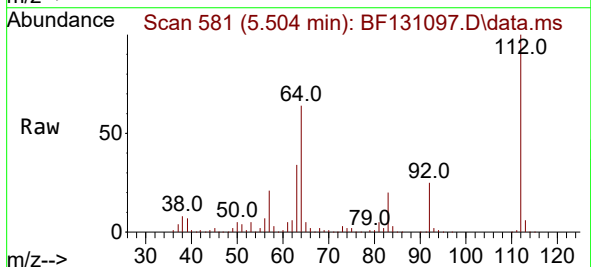
Instrument :
 BNA_F
 ClientSampleId :
 506D-3

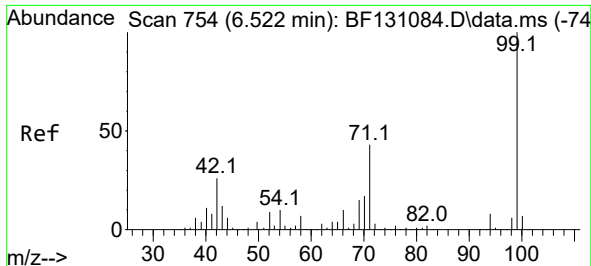
Tgt Ion:152 Resp: 89481
 Ion Ratio Lower Upper
 152 100
 150 150.4 125.5 188.3
 115 58.2 52.2 78.2



#5
 2-Fluorophenol
 Concen: 36.052 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: BF131097.D
 Acq: 09 Nov 2022 20:34

Tgt Ion:112 Resp: 189694
 Ion Ratio Lower Upper
 112 100
 64 64.1 55.1 82.7
 63 34.3 32.4 48.6

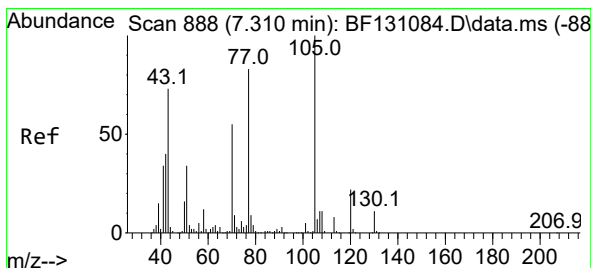
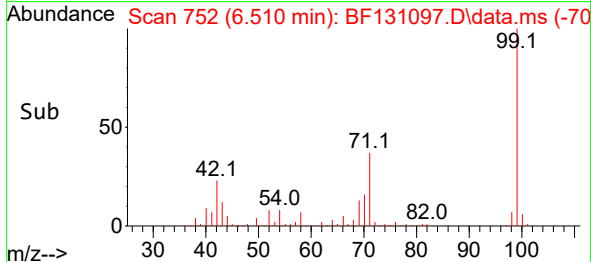
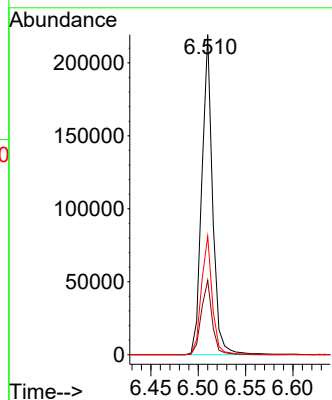
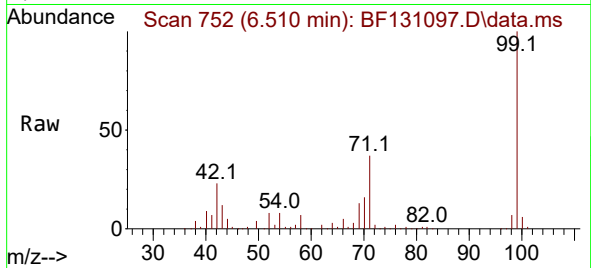




#7
Phenol-d6
Concen: 25.355 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

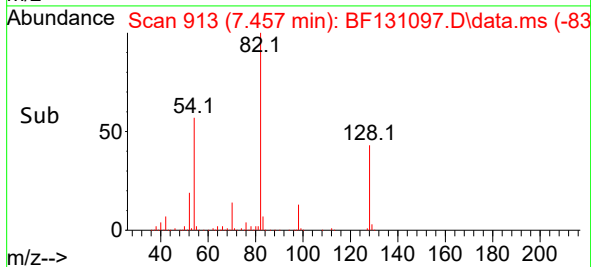
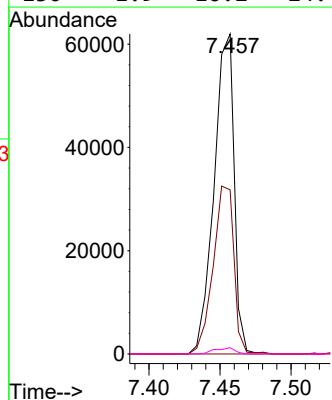
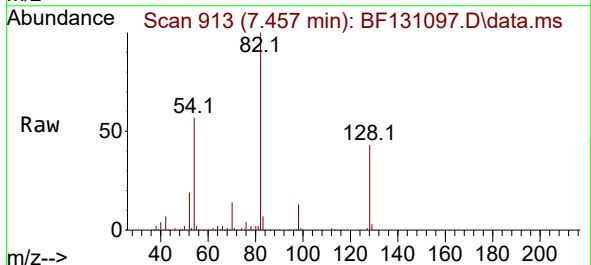
Instrument :
BNA_F
ClientSampleId :
506D-3

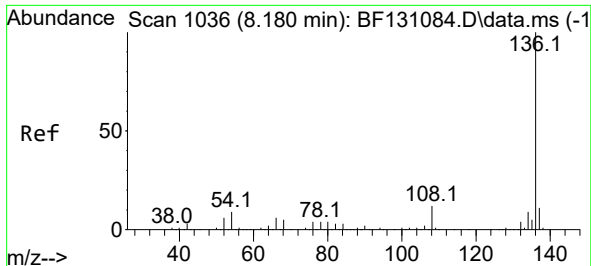
Tgt Ion: 99 Resp: 174415
Ion Ratio Lower Upper
99 100
42 23.2 20.8 31.2
71 37.1 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.469 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

Tgt Ion: 70 Resp: 60834
Ion Ratio Lower Upper
70 100
42 51.3 58.3 87.5#
101 0.0 7.4 11.2#
130 1.9 16.2 24.4#



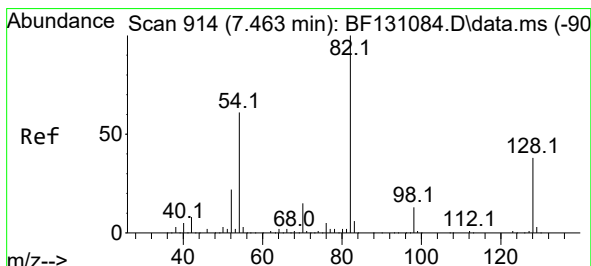
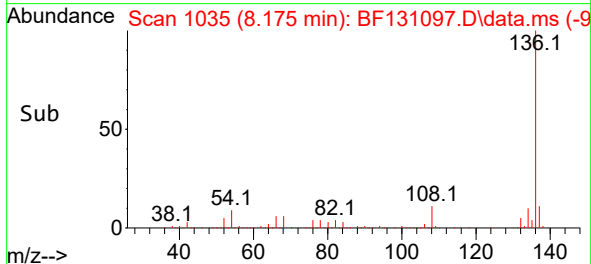
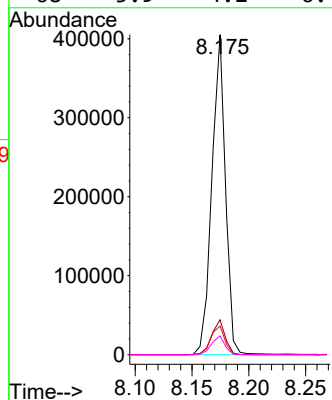
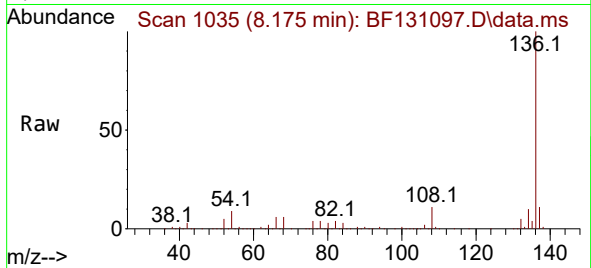


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

Instrument :
BNA_F
ClientSampleId :
506D-3

Tgt Ion:136 Resp: 336863

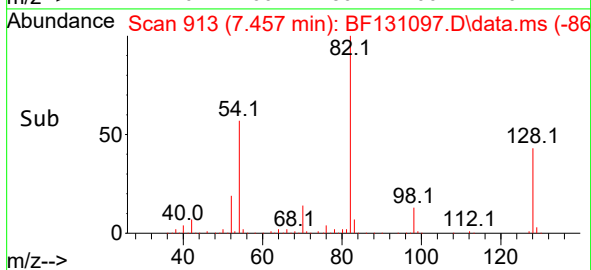
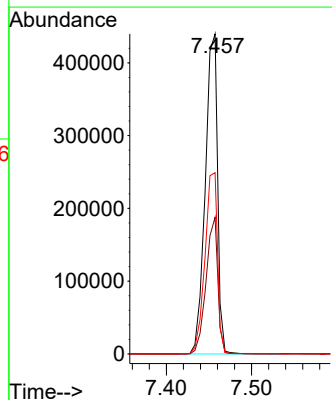
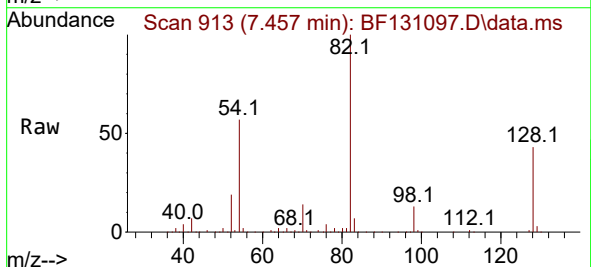
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.0	7.2	10.8
68	5.9	4.2	6.4

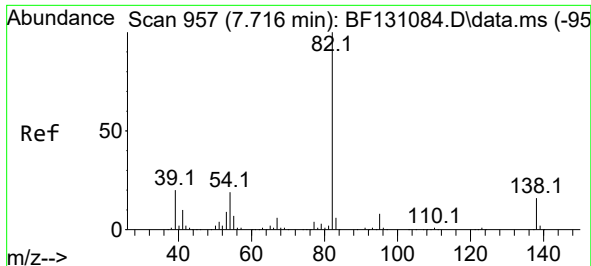


#23
Nitrobenzene-d5
Concen: 59.027 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

Tgt Ion: 82 Resp: 440703

Ion	Ratio	Lower	Upper
82	100		
128	42.7	30.5	45.7
54	56.7	49.1	73.7

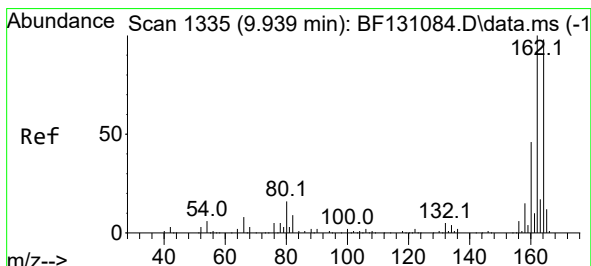
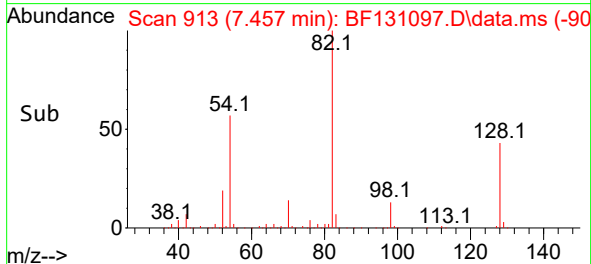
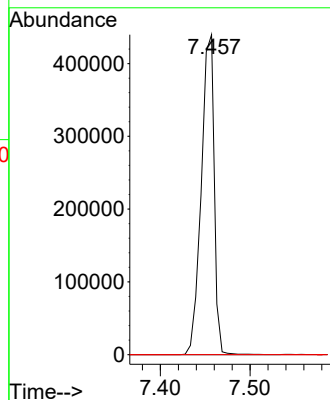
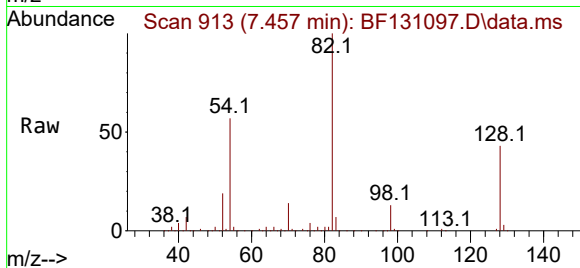




#25
Isophorone
Concen: 38.175 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

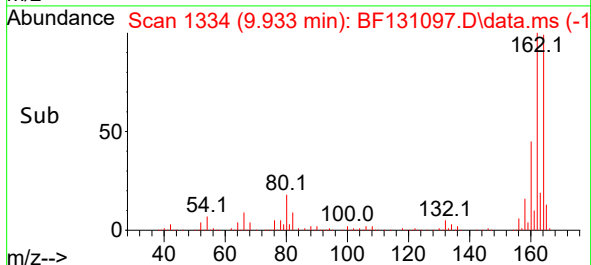
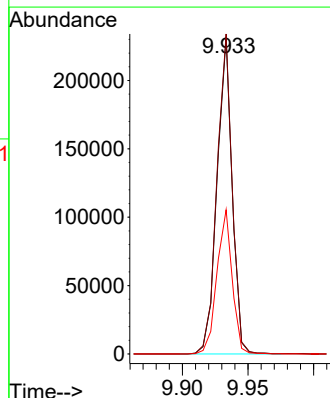
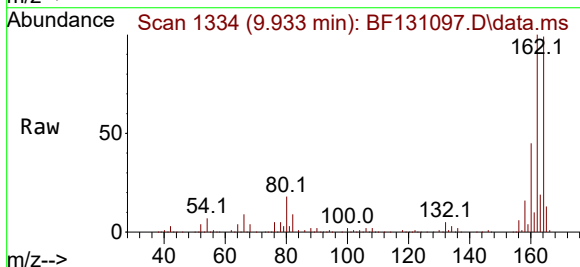
Instrument :
BNA_F
ClientSampleId :
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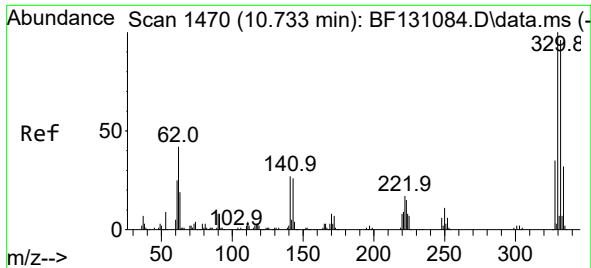
Tgt Ion: 82 Resp: 440700
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

Tgt Ion:164 Resp: 184951
Ion Ratio Lower Upper
164 100
162 101.0 81.7 122.5
160 45.5 37.4 56.2

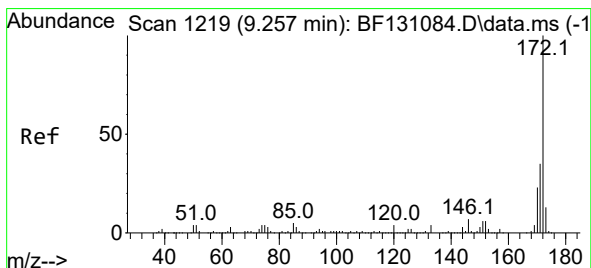
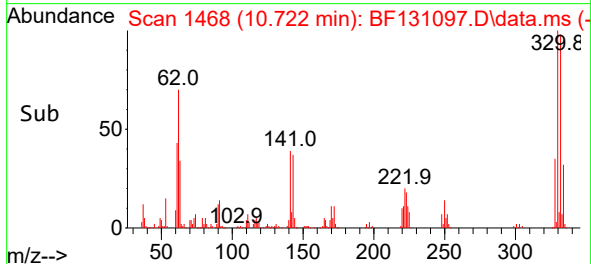
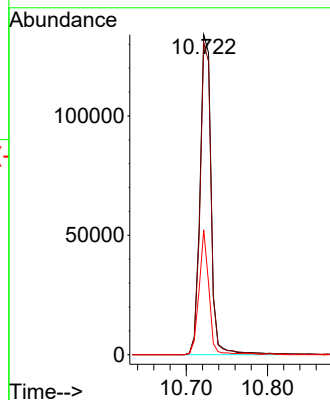
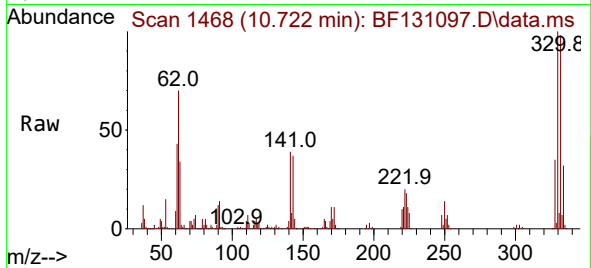




#42
2,4,6-Tribromophenol
Concen: 67.024 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

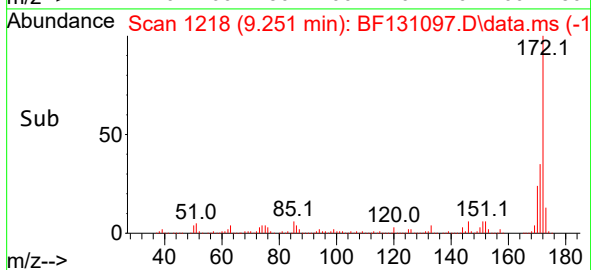
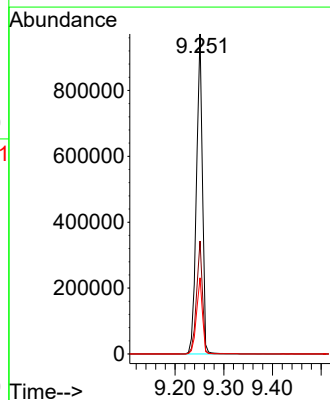
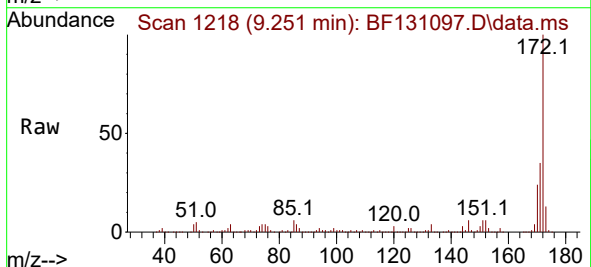
Instrument :
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ClientSampleId :
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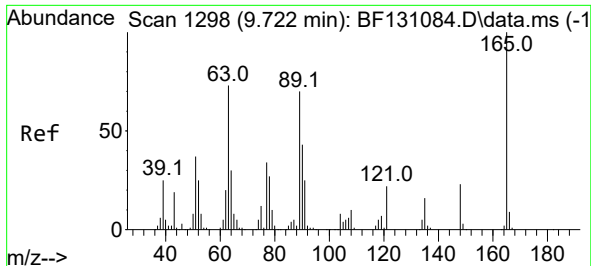
Tgt Ion:330 Resp: 128111
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 34.6 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 62.904 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

Tgt Ion:172 Resp: 833406
Ion Ratio Lower Upper
172 100
171 35.3 27.7 41.5
170 23.8 18.8 28.2

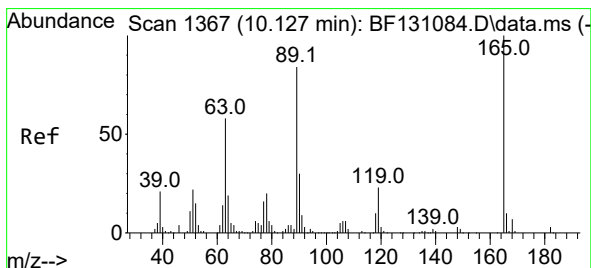
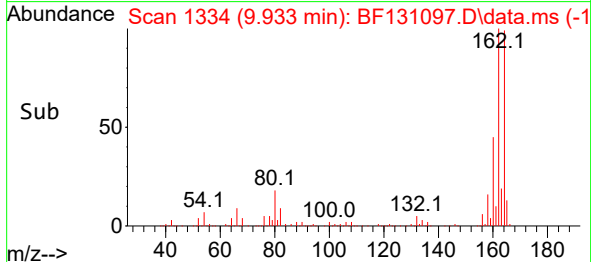
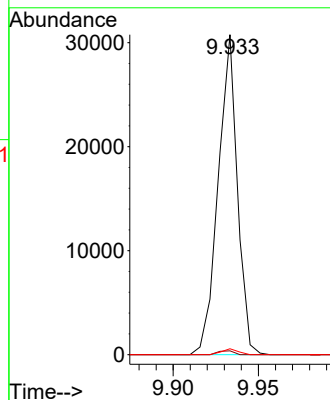
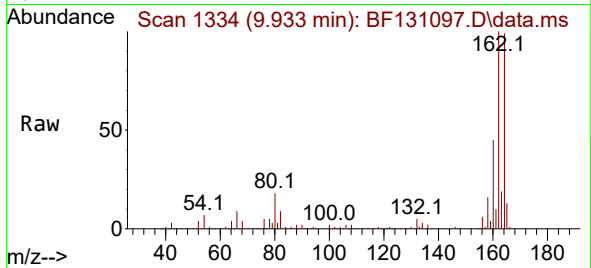




#51
2,6-Dinitrotoluene
Concen: 8.360 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

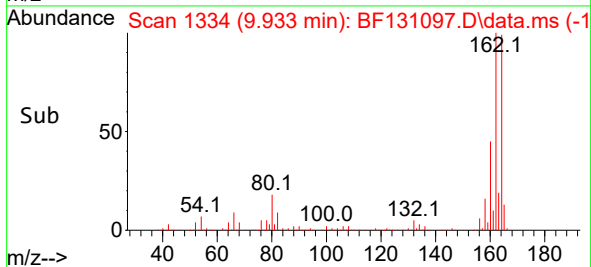
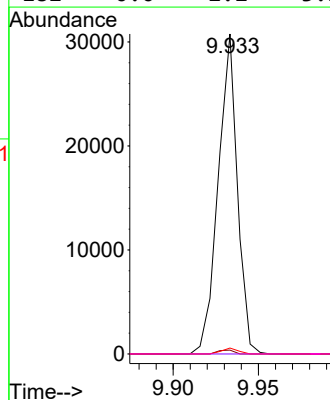
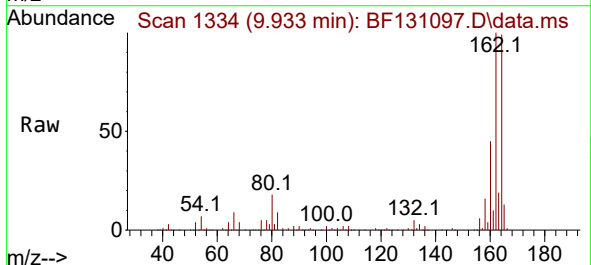
Instrument :
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ClientSampleId :
506D-3

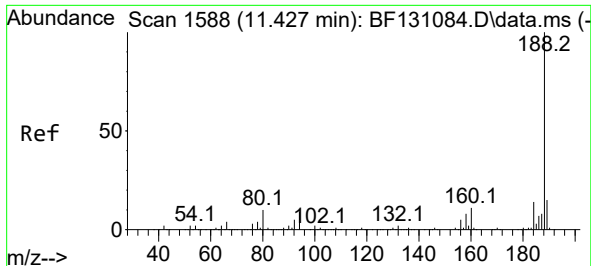
Tgt Ion:165 Resp: 24172
Ion Ratio Lower Upper
165 100
63 1.2 61.4 92.2#
89 1.8 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.289 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

Tgt Ion:165 Resp: 24172
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.8 66.9 100.3#
182 0.0 2.2 3.2#

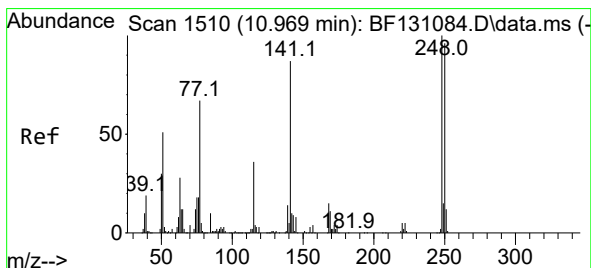
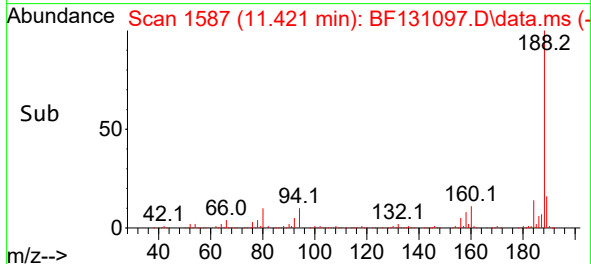
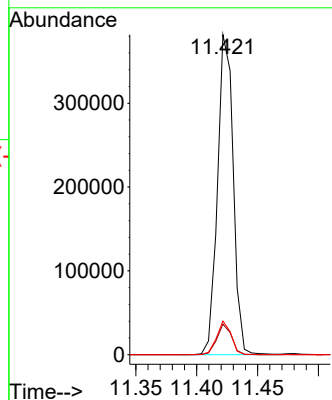
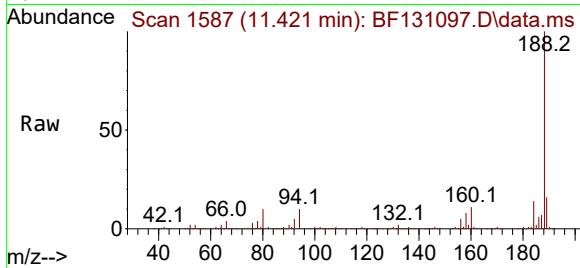




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

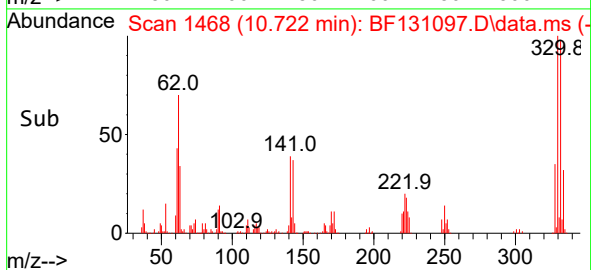
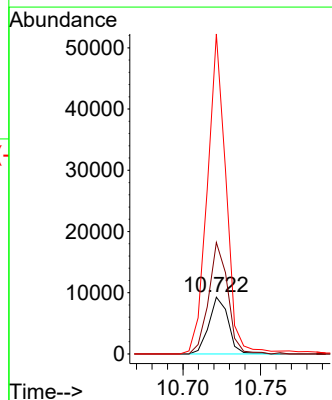
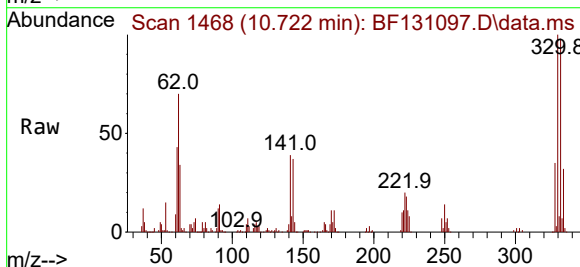
Instrument :
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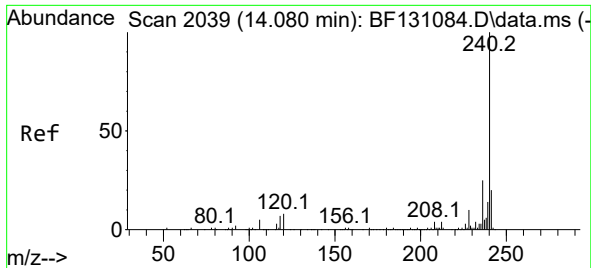
Tgt Ion:188 Resp: 343196
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.081 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

Tgt Ion:248 Resp: 8076
Ion Ratio Lower Upper
248 100
250 196.3 77.0 115.6#
141 563.0 69.7 104.5#

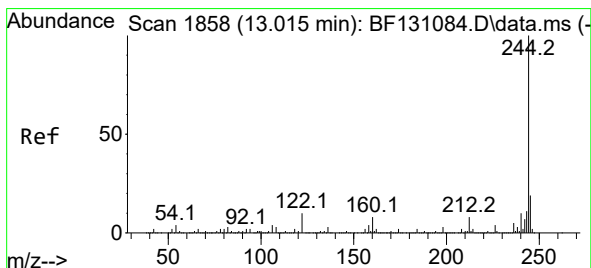
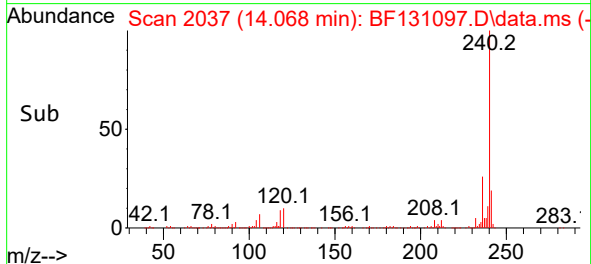
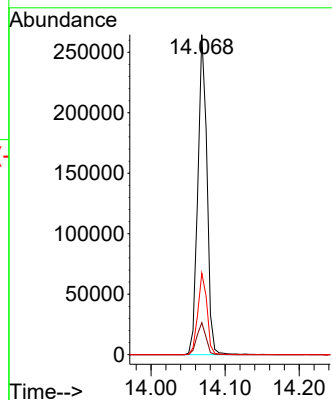
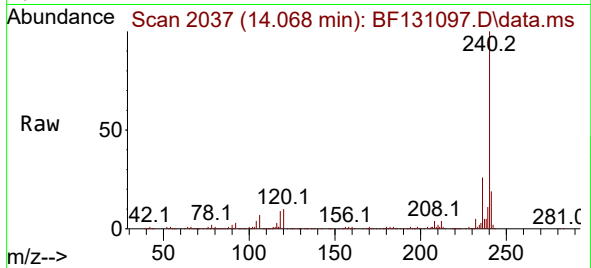




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

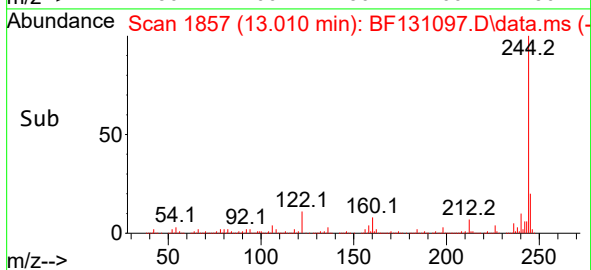
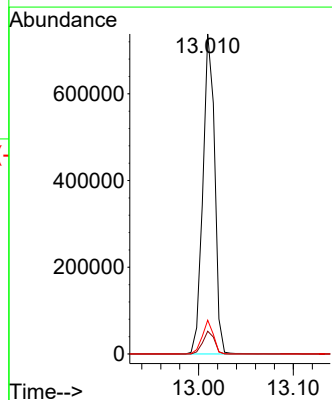
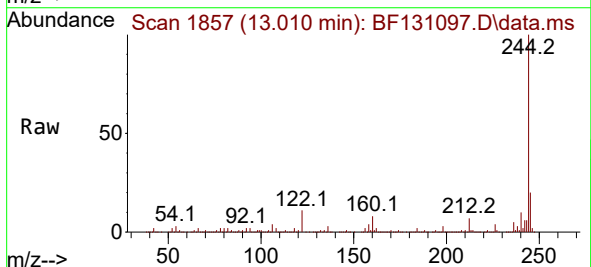
Instrument :
BNA_F
ClientSampleId :
506D-3

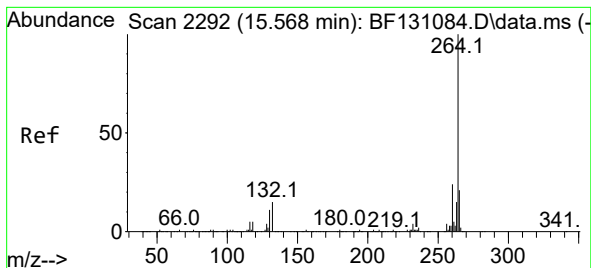
Tgt Ion:240 Resp: 225818
Ion Ratio Lower Upper
240 100
120 10.0 6.5 9.7#
236 25.5 19.7 29.5



#79
Terphenyl-d14
Concen: 49.811 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.005 min
Lab File: BF131097.D
Acq: 09 Nov 2022 20:34

Tgt Ion:244 Resp: 641535
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 10.6 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: BF131097.D

Acq: 09 Nov 2022 20:34

Instrument :

BNA_F

ClientSampleId :

506D-3

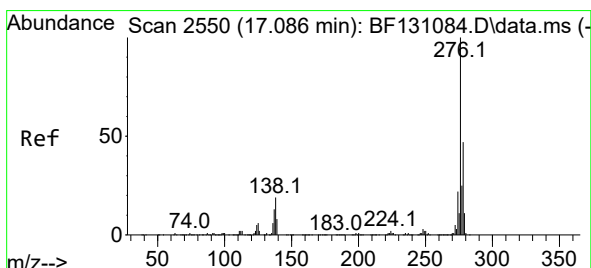
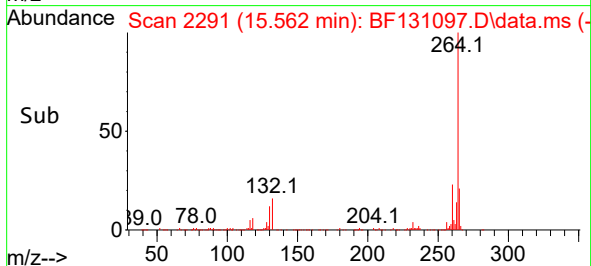
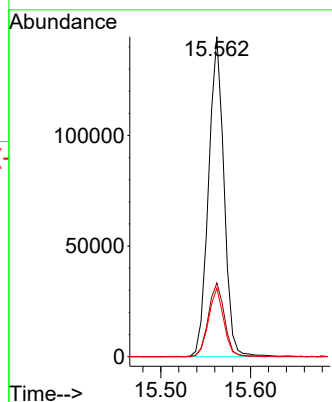
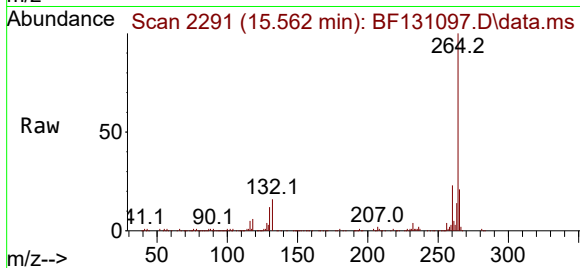
Tgt Ion:264 Resp: 172797

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.4 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.873 ng

RT: 17.092 min Scan# 2551

Delta R.T. 0.006 min

Lab File: BF131097.D

Acq: 09 Nov 2022 20:34

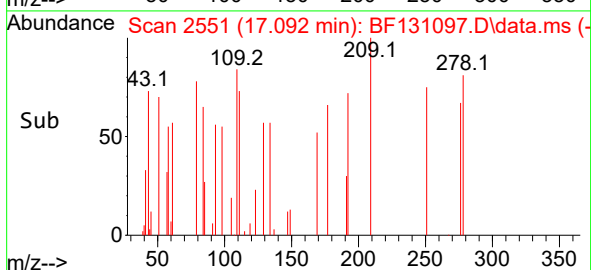
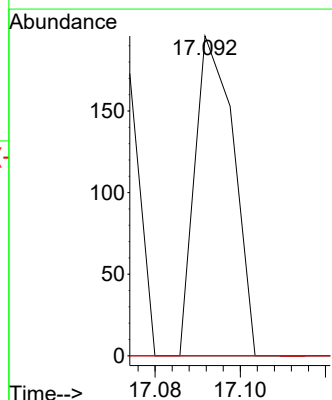
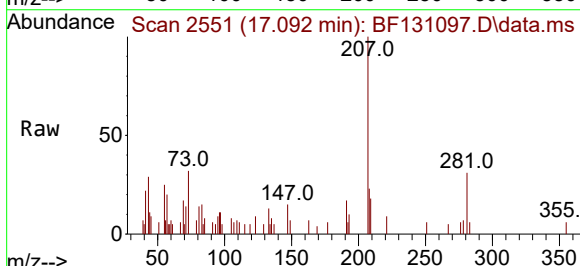
Tgt Ion:276 Resp: 123

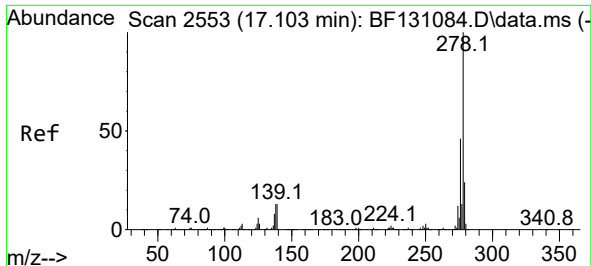
Ion Ratio Lower Upper

276 100

138 0.0 16.9 25.3#

277 0.0 20.3 30.5#

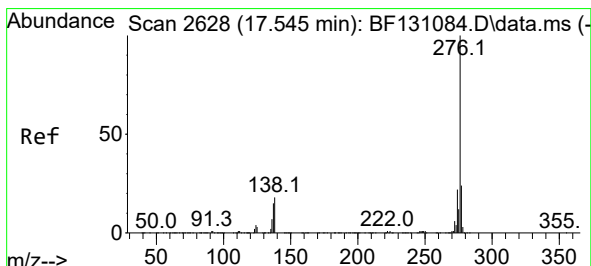
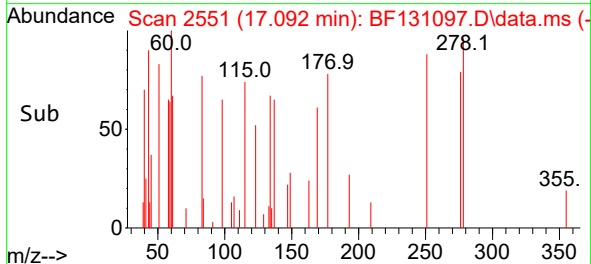
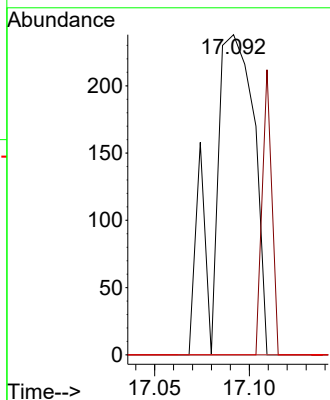
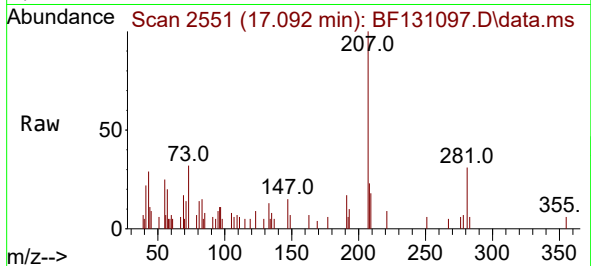




#91
 Dibenzo(a,h)anthracene
 Concen: 3.868 ng
 RT: 17.092 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BF131097.D
 Acq: 09 Nov 2022 20:34

Instrument :
 BNA_F
 ClientSampleId :
 506D-3

Tgt Ion: 278 Resp: 357
 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: 17.527 min Scan# 2625
 Delta R.T. -0.018 min
 Lab File: BF131097.D
 Acq: 09 Nov 2022 20:34

Tgt Ion: 276 Resp: 223
 Ion Ratio Lower Upper
 276 100
 277 0.0 19.0 28.4#
 138 0.0 14.6 21.8#

