

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131096.D
 Acq On : 09 Nov 2022 20:03
 Operator : CG\JU
 Sample : N5437-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 596C-4

Quant Time: Nov 10 04:32:44 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)

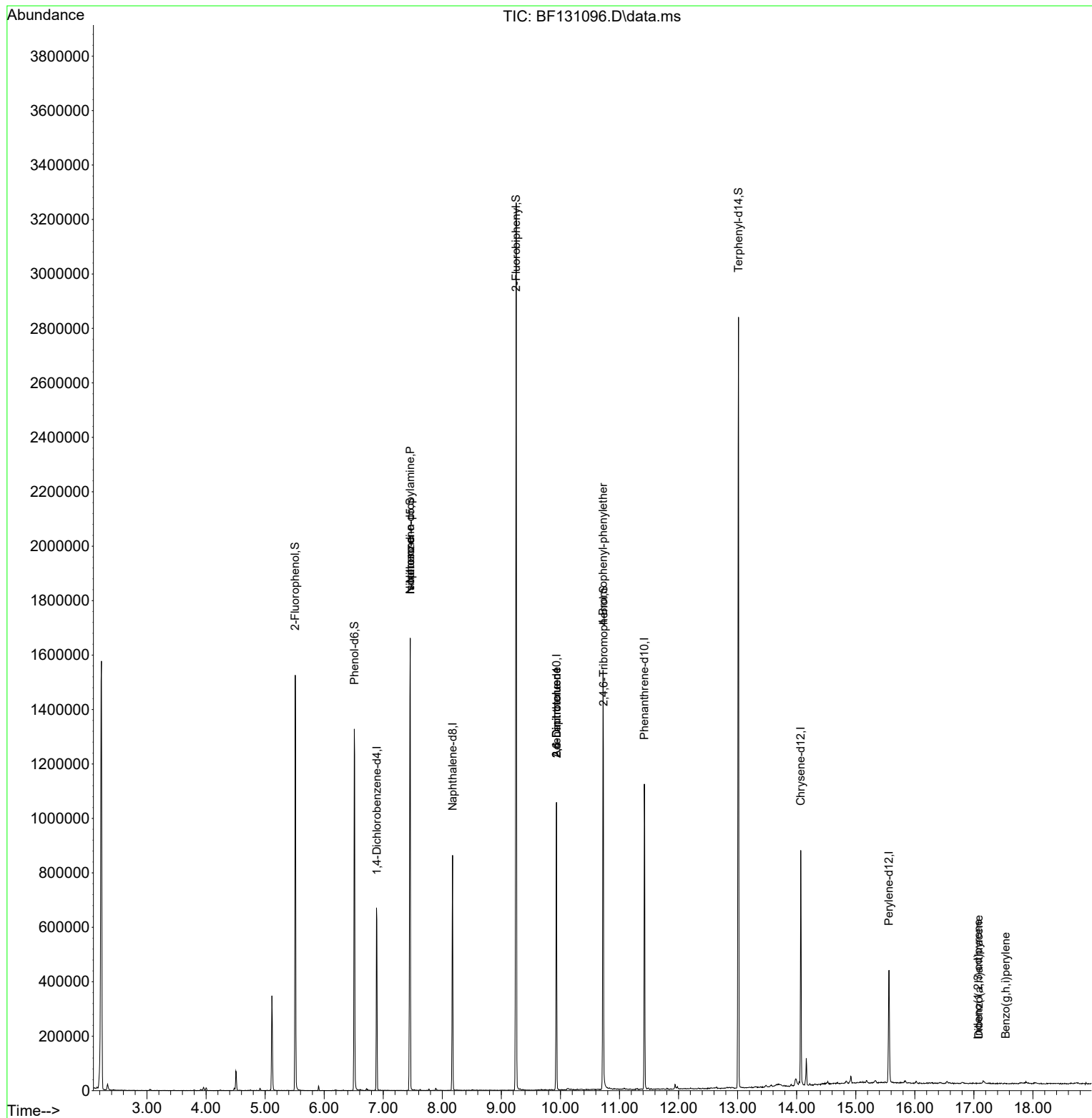
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	95588	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	360443	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	197800	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	401696	20.000	ng	0.00
76) Chrysene-d12	14.068	240	279951	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	186229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	366528	65.209	ng	0.00
7) Phenol-d6	6.510	99	423024	57.566	ng	-0.01
23) Nitrobenzene-d5	7.457	82	545958	68.341	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	185898	90.939	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1024411	72.298	ng	0.00
79) Terphenyl-d14	13.016	244	1003024	62.819	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	74685	15.479	ng	# 73
25) Isophorone	7.457	82	545954	44.199	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	25326	8.190	ng	# 15
57) 2,4-Dinitrotoluene	9.933	165	25326	6.161	ng	# 17
67) 4-Bromophenyl-phenylether	10.722	248	11221	2.470	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.068	276	639	3.903	ng	# 52
91) Dibenzo(a,h)anthracene	17.080	278	537	3.879	ng	# 57
92) Benzo(g,h,i)perylene	17.539	276	548	4.404	ng	# 27

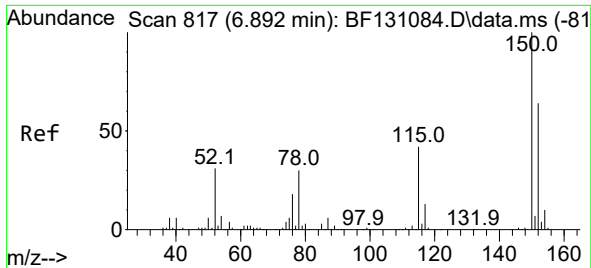
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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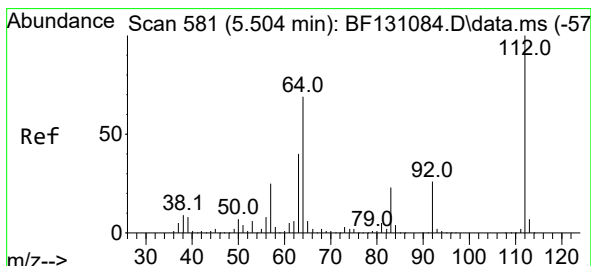
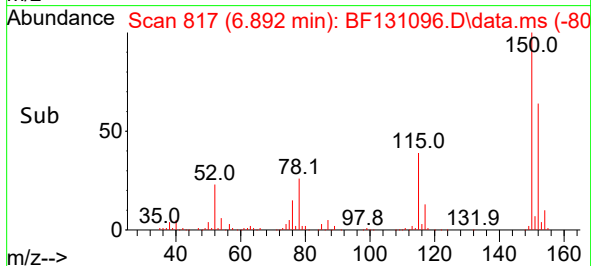
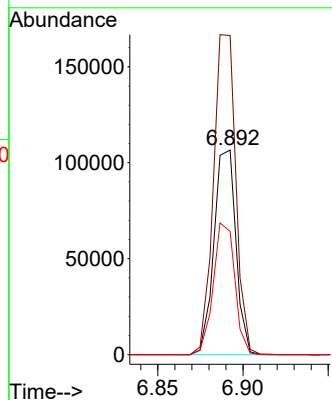
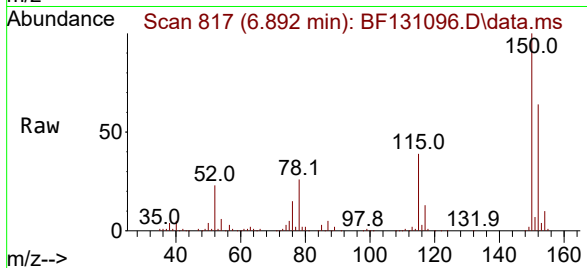




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131096.D
 Acq: 09 Nov 2022 20:03

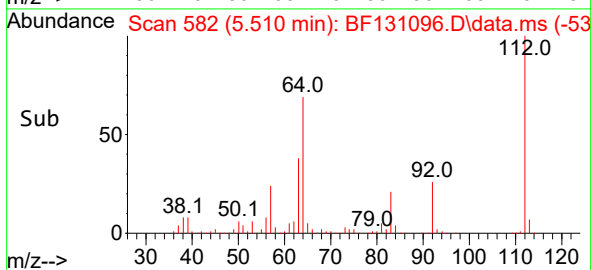
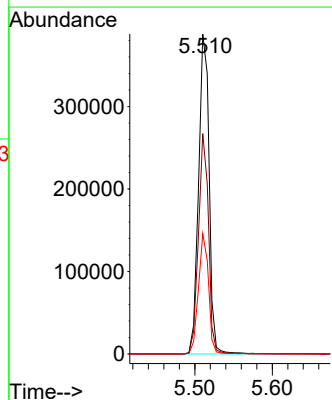
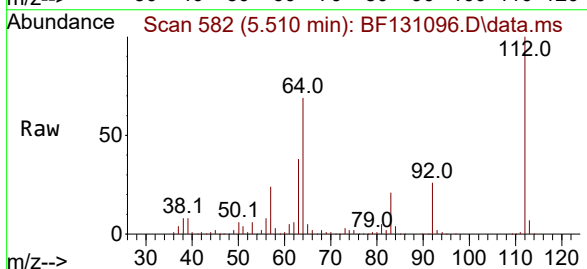
Instrument :
 BNA_F
 ClientSampleId :
 596C-4

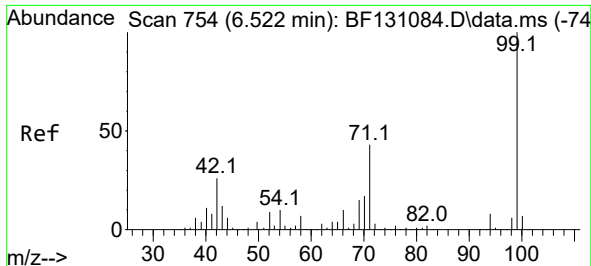
Tgt Ion:152 Resp: 95588
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.5 188.3
 115 60.2 52.2 78.2



#5
 2-Fluorophenol
 Concen: 65.209 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF131096.D
 Acq: 09 Nov 2022 20:03

Tgt Ion:112 Resp: 366528
 Ion Ratio Lower Upper
 112 100
 64 68.9 55.1 82.7
 63 37.6 32.4 48.6

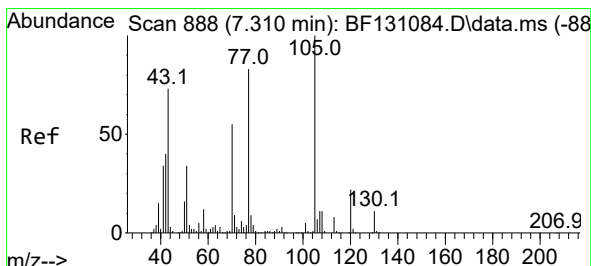
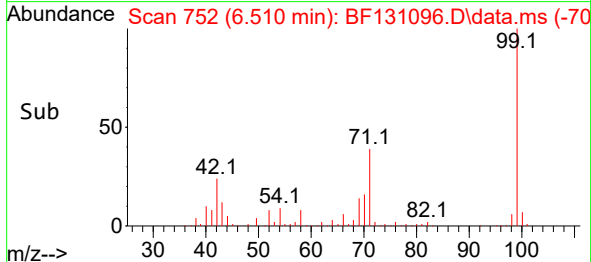
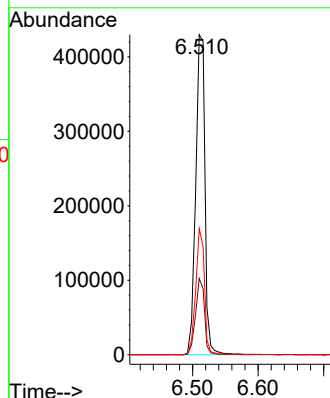
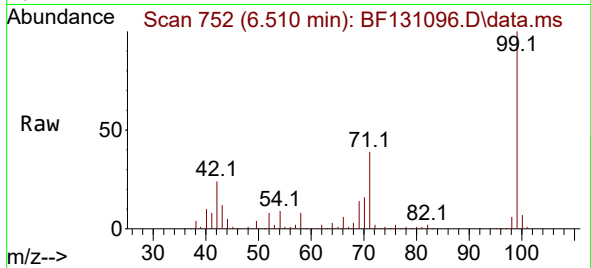




#7
Phenol-d6
Concen: 57.566 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

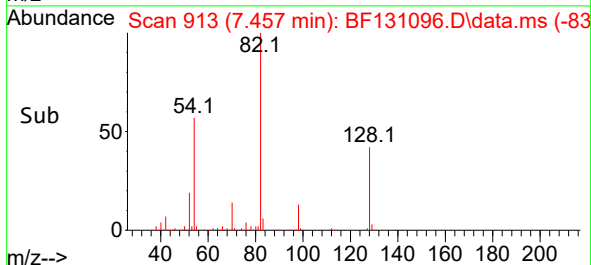
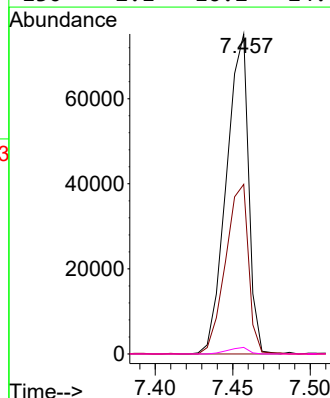
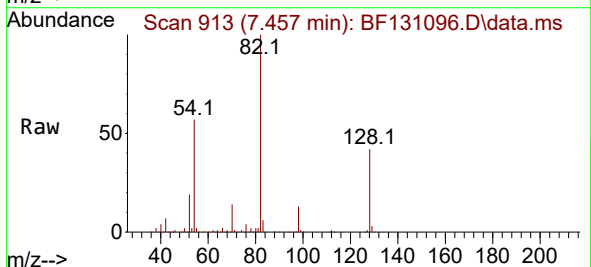
Instrument :
BNA_F
ClientSampleId :
596C-4

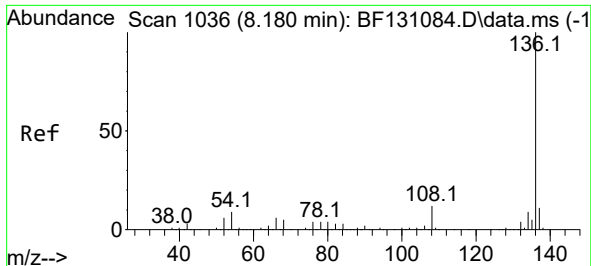
Tgt Ion: 99 Resp: 423024
Ion Ratio Lower Upper
99 100
42 23.8 20.8 31.2
71 39.4 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.479 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Tgt Ion: 70 Resp: 74685
Ion Ratio Lower Upper
70 100
42 53.0 58.3 87.5#
101 0.0 7.4 11.2#
130 2.1 16.2 24.4#



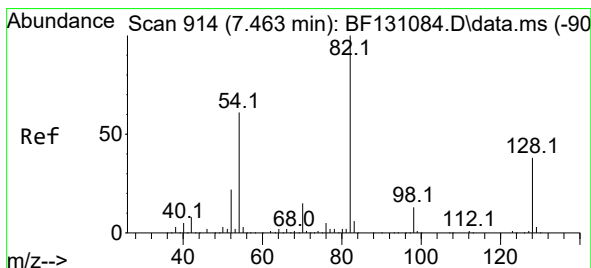
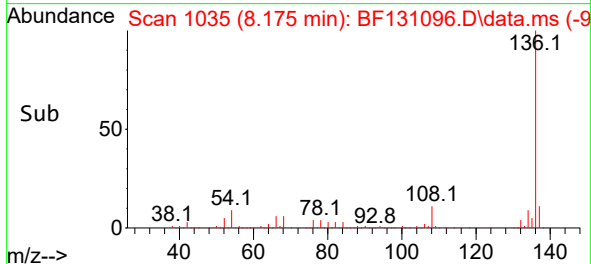
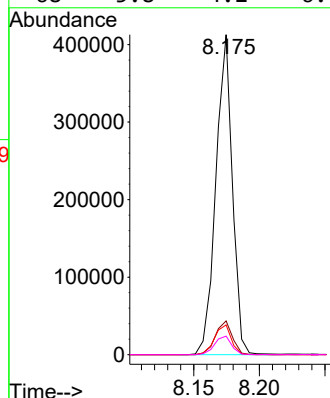
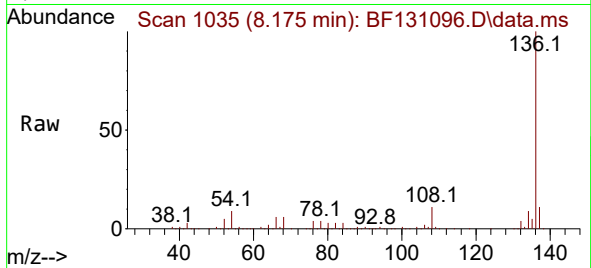


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Instrument :
BNA_F
ClientSampleId :
596C-4

Tgt Ion:136 Resp: 360443

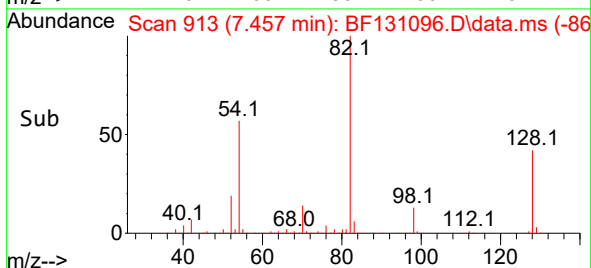
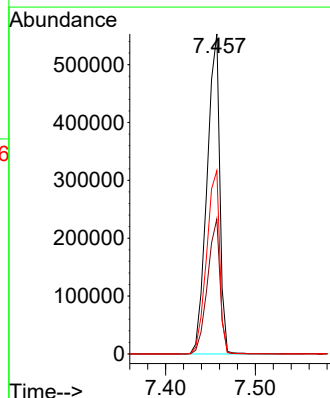
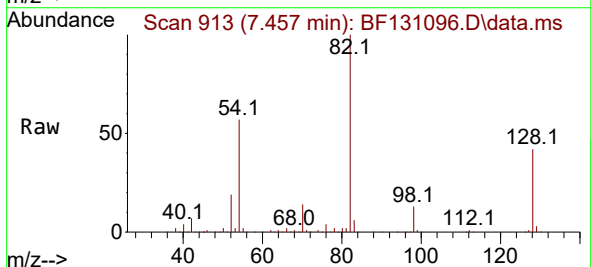
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.3	7.2	10.8
68	5.8	4.2	6.4

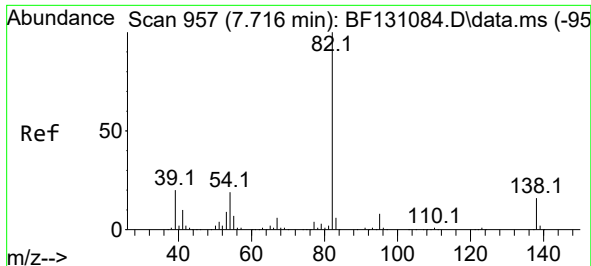


#23
Nitrobenzene-d5
Concen: 68.341 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Tgt Ion: 82 Resp: 545958

Ion	Ratio	Lower	Upper
82	100		
128	42.2	30.5	45.7
54	57.3	49.1	73.7

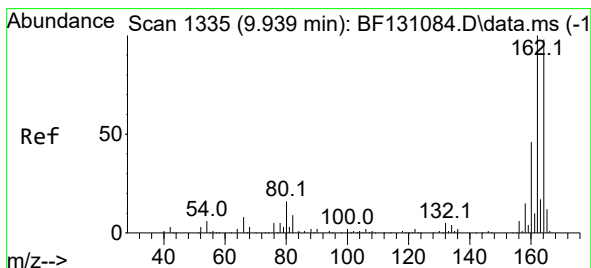
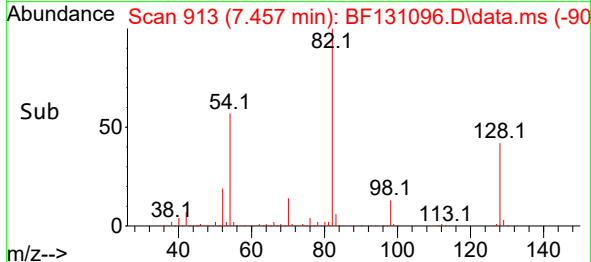
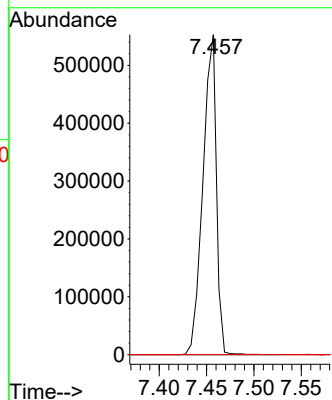
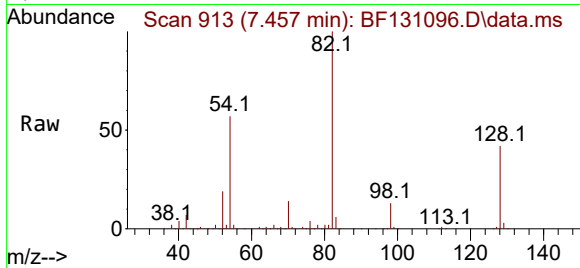




#25
Isophorone
Concen: 44.199 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

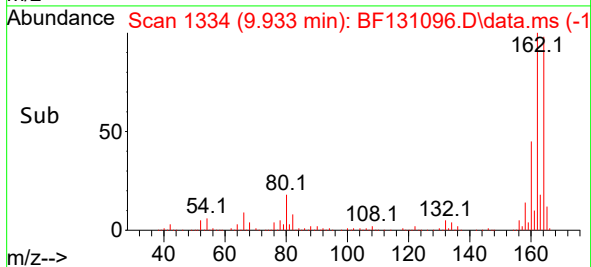
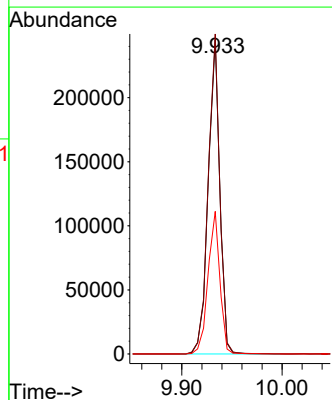
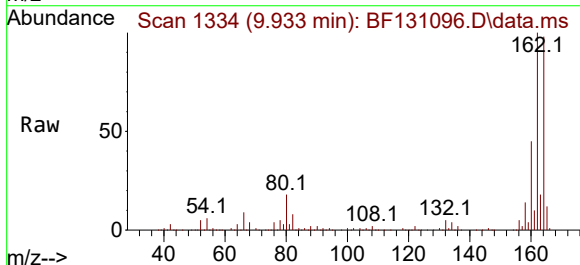
Instrument :
BNA_F
ClientSampleId :
596C-4

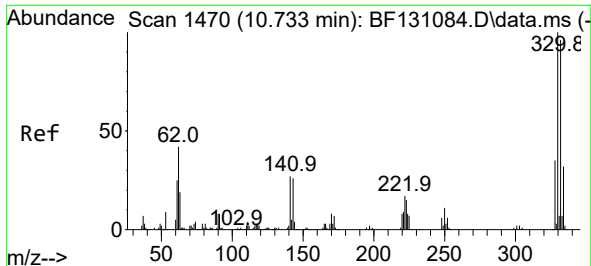
Tgt Ion: 82 Resp: 545954
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Tgt Ion:164 Resp: 197800
Ion Ratio Lower Upper
164 100
162 101.9 81.7 122.5
160 45.4 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 90.939 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131096.D

Acq: 09 Nov 2022 20:03

Instrument :

BNA_F

ClientSampleId :

596C-4

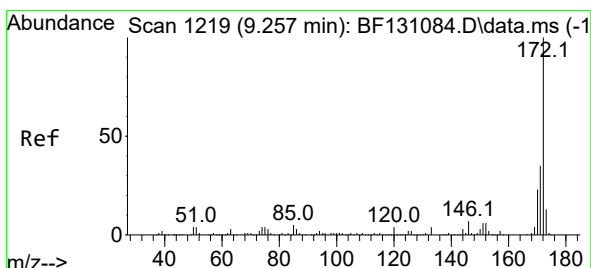
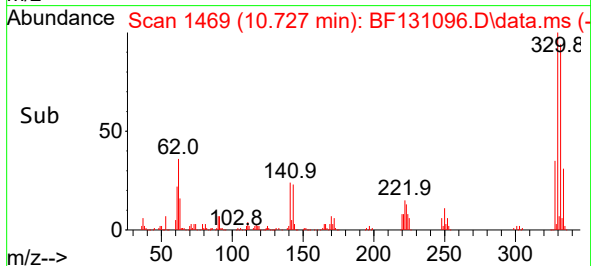
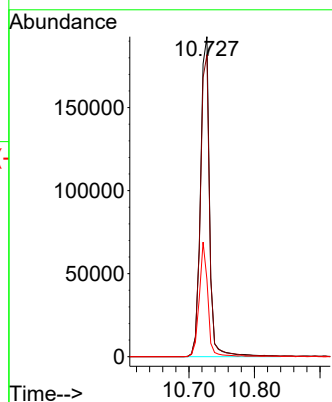
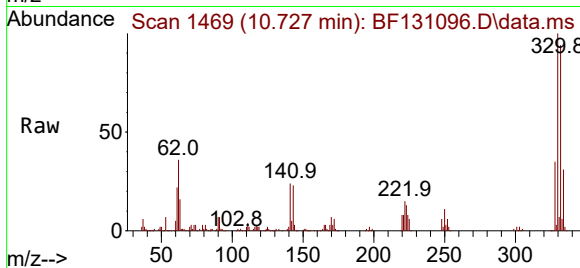
Tgt Ion:330 Resp: 185898

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.4

141 33.9 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 72.298 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131096.D

Acq: 09 Nov 2022 20:03

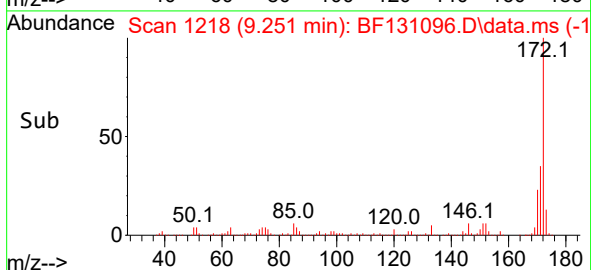
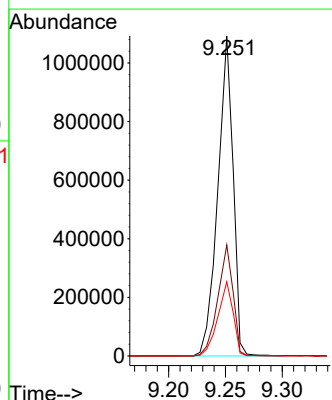
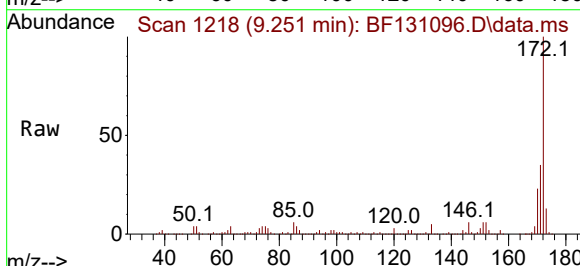
Tgt Ion:172 Resp: 1024411

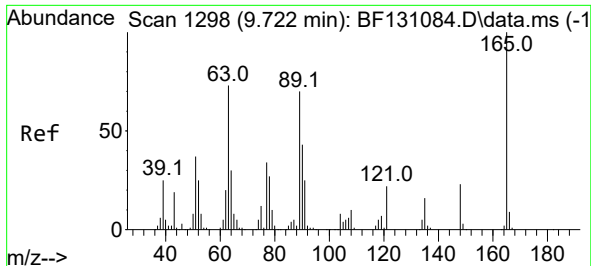
Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 23.2 18.8 28.2

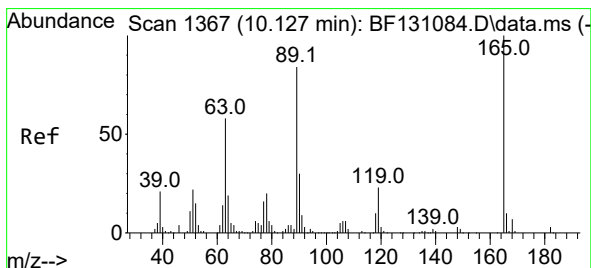
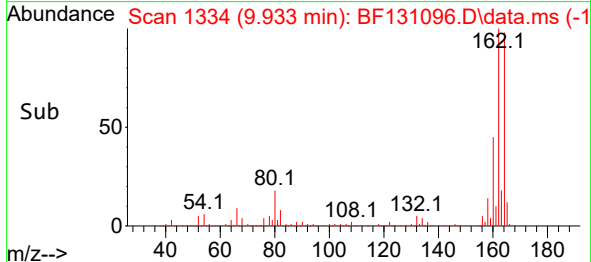
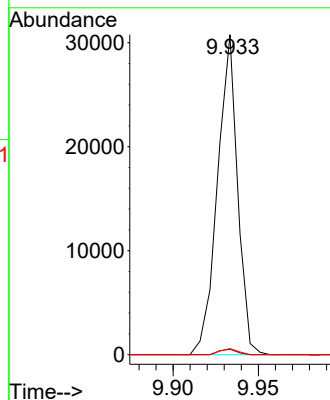
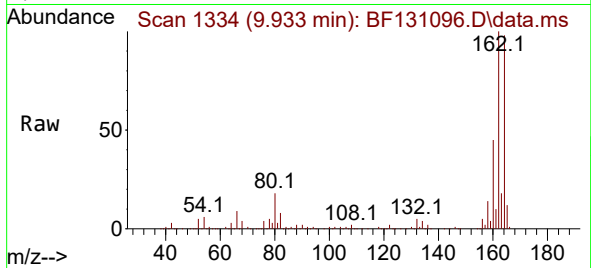




#51
2,6-Dinitrotoluene
Concen: 8.190 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

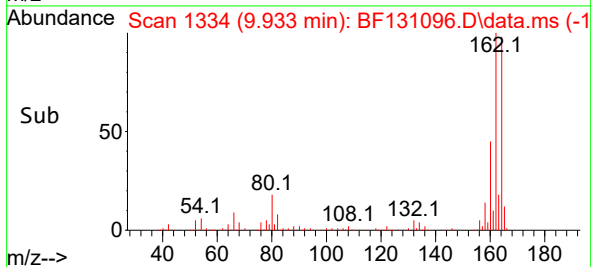
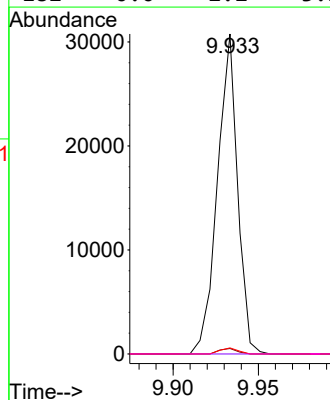
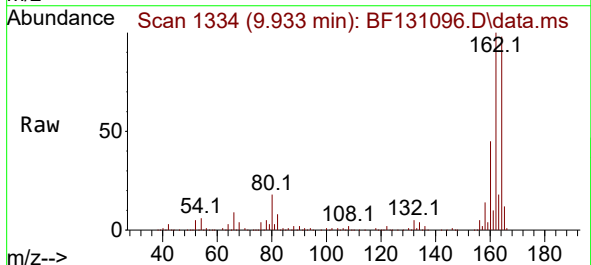
Instrument :
BNA_F
ClientSampleId :
596C-4

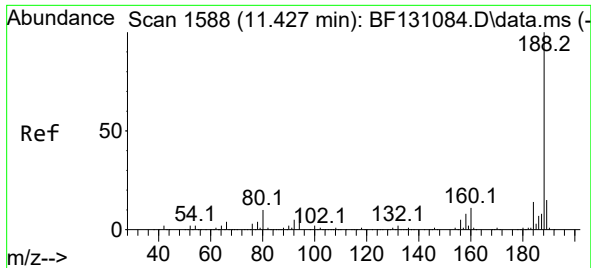
Tgt Ion:165 Resp: 25326
Ion Ratio Lower Upper
165 100
63 1.7 61.4 92.2#
89 1.9 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.161 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Tgt Ion:165 Resp: 25326
Ion Ratio Lower Upper
165 100
63 1.7 46.9 70.3#
89 1.9 66.9 100.3#
182 0.0 2.2 3.2#

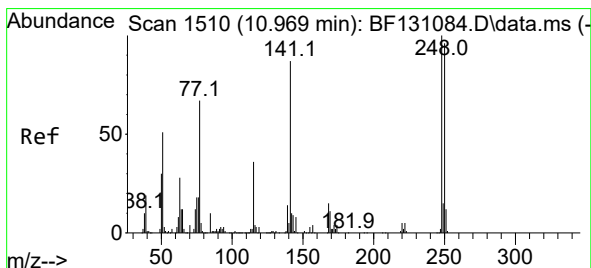
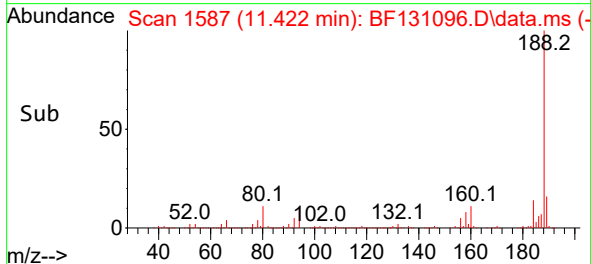
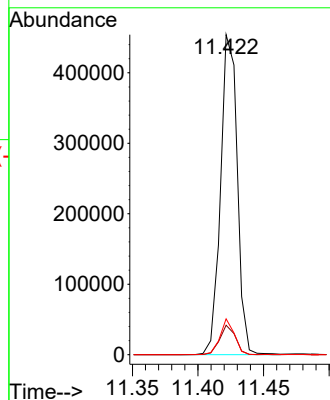
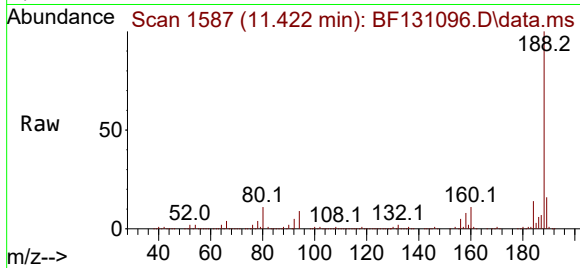




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

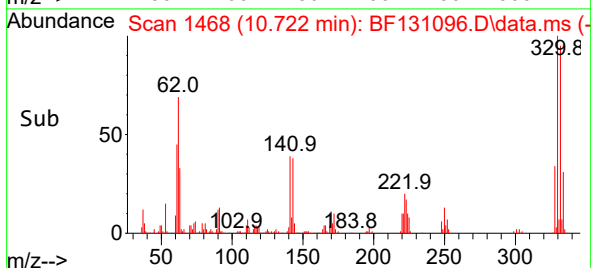
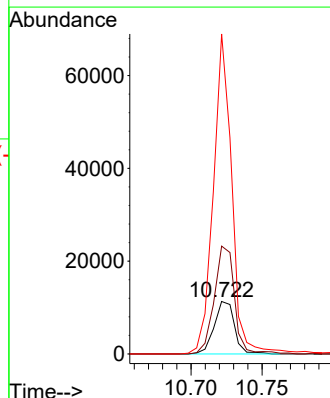
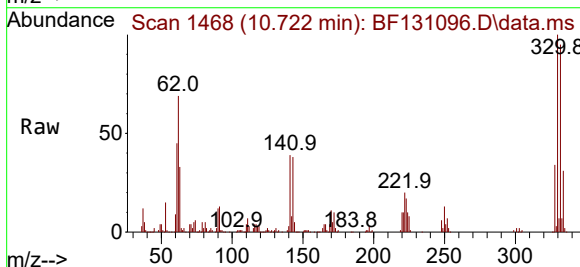
Instrument :
BNA_F
ClientSampleId :
596C-4

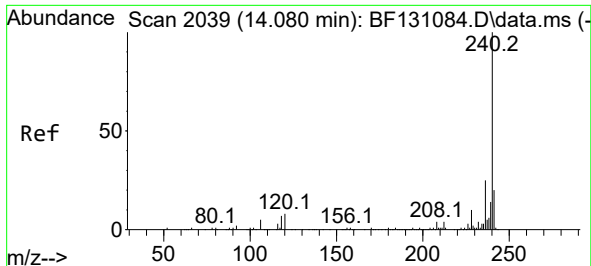
Tgt Ion:188 Resp: 401696
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 11.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.470 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Tgt Ion:248 Resp: 11221
Ion Ratio Lower Upper
248 100
250 205.2 77.0 115.6#
141 609.1 69.7 104.5#

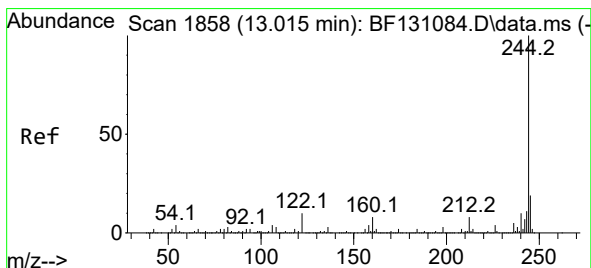
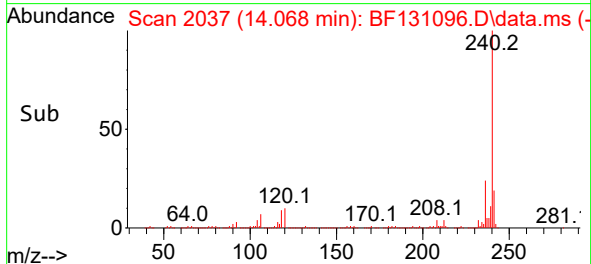
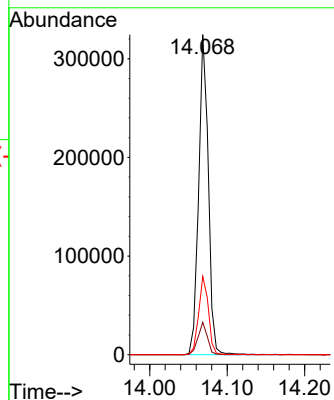
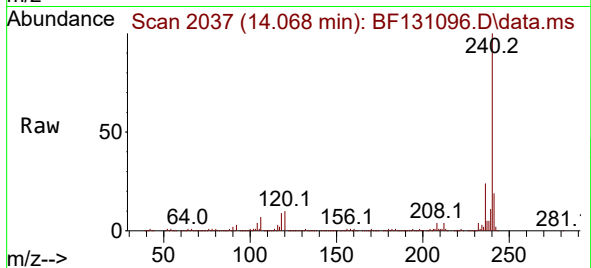




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2039
Delta R.T. -0.012 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

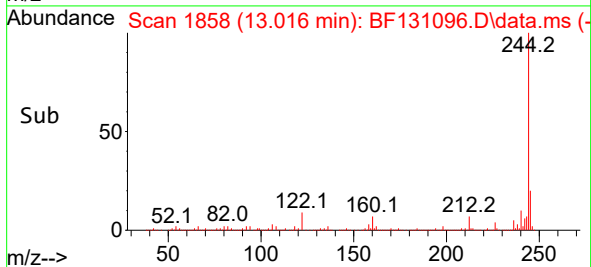
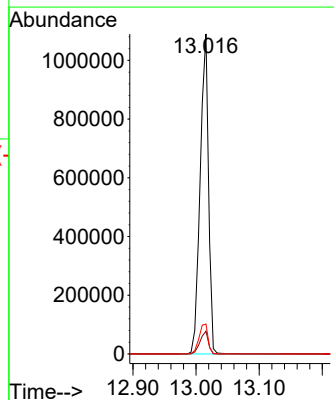
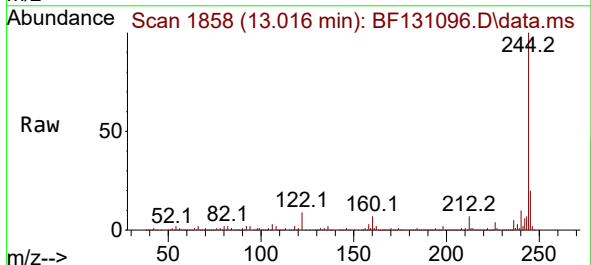
Instrument :
BNA_F
ClientSampleId :
596C-4

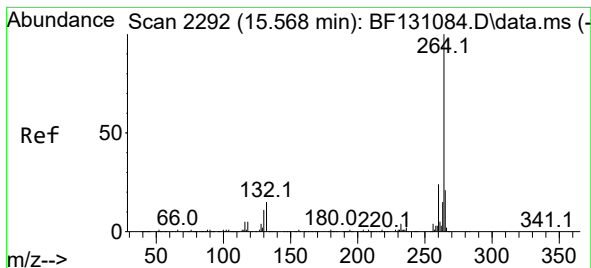
Tgt Ion:240 Resp: 279951
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 24.5 19.7 29.5



#79
Terphenyl-d14
Concen: 62.819 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.001 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Tgt Ion:244 Resp: 1003024
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 9.3 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: BF131096.D

Acq: 09 Nov 2022 20:03

Instrument :

BNA_F

ClientSampleId :

596C-4

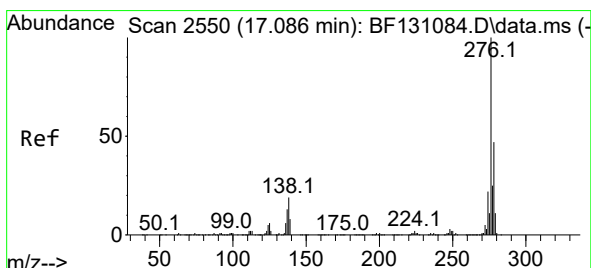
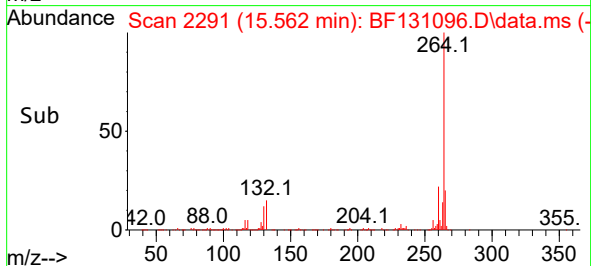
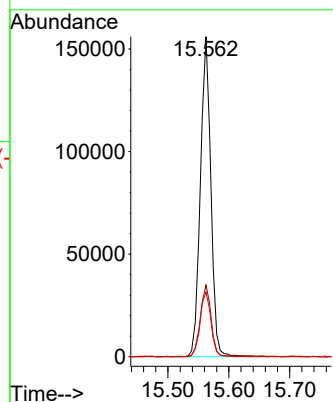
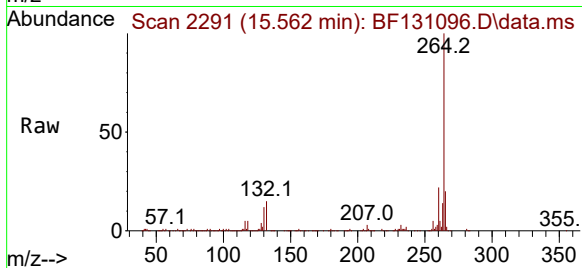
Tgt Ion:264 Resp: 186229

Ion Ratio Lower Upper

264 100

260 22.3 19.1 28.7

265 20.2 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.903 ng

RT: 17.068 min Scan# 2547

Delta R.T. -0.018 min

Lab File: BF131096.D

Acq: 09 Nov 2022 20:03

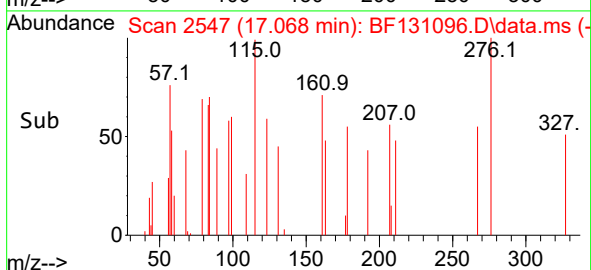
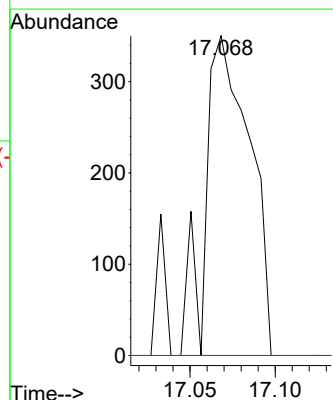
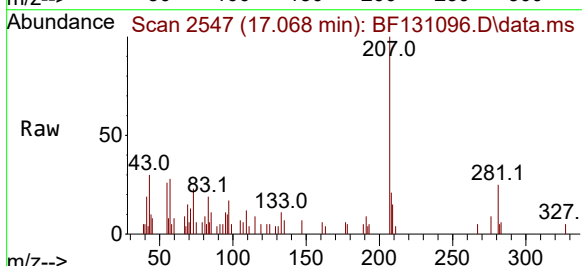
Tgt Ion:276 Resp: 639

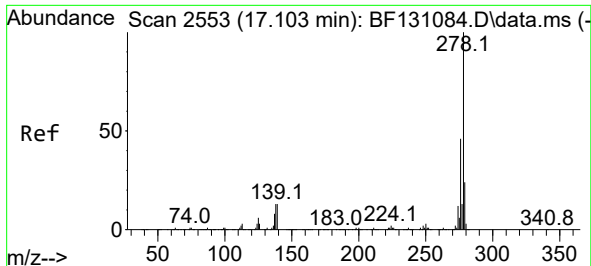
Ion Ratio Lower Upper

276 100

138 0.0 16.9 25.3#

277 0.0 20.3 30.5#

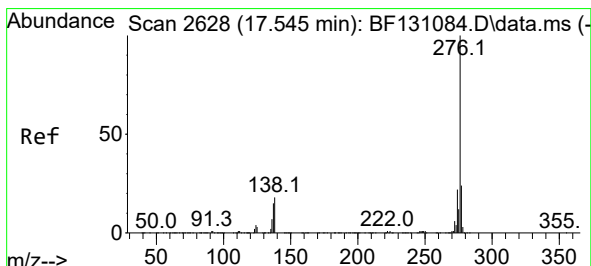
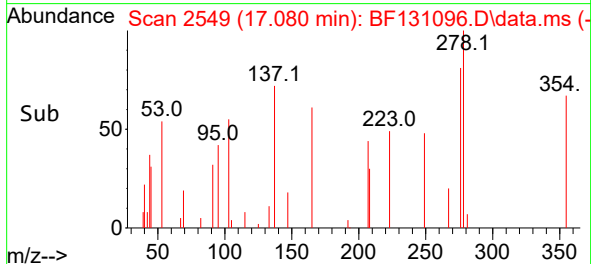
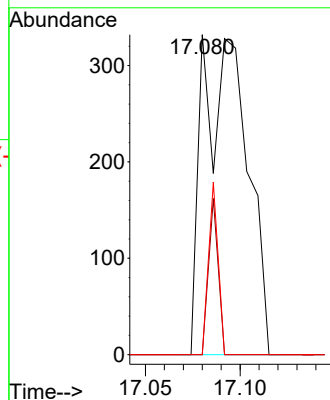
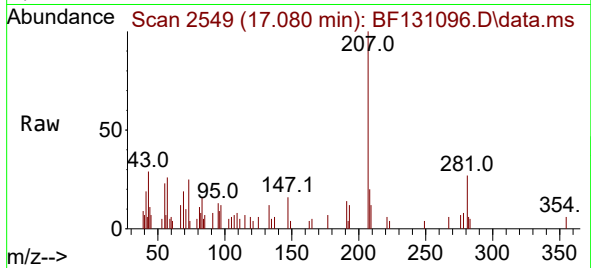




#91
Dibenzo(a,h)anthracene
Concen: 3.879 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Instrument :
BNA_F
ClientSampleId :
596C-4

Tgt Ion:278 Resp: 537
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: 17.539 min Scan# 2627
Delta R.T. -0.006 min
Lab File: BF131096.D
Acq: 09 Nov 2022 20:03

Tgt Ion:276 Resp: 548
Ion Ratio Lower Upper
276 100
277 0.0 19.0 28.4#
138 64.4 14.6 21.8#

