

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131095.D
 Acq On : 09 Nov 2022 19:32
 Operator : CG\JU
 Sample : N5437-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 596C-3

Quant Time: Nov 10 04:32:29 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)

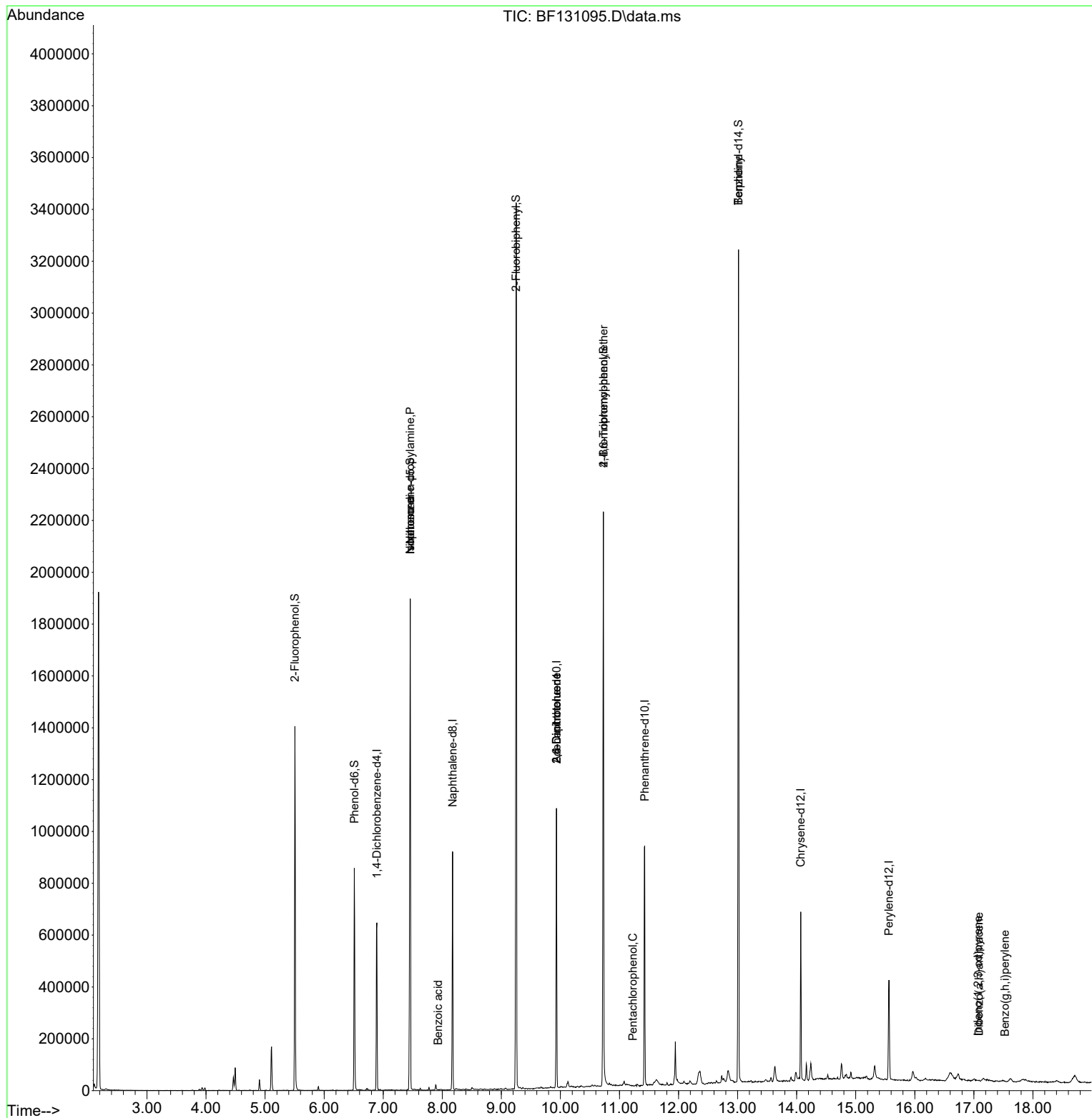
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	95263	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	357578	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	195620	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	348926	20.000	ng	0.00
76) Chrysene-d12	14.069	240	197238	20.000	ng	-0.01
86) Perylene-d12	15.563	264	169155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	328105	58.573	ng	0.00
7) Phenol-d6	6.510	99	256781	35.063	ng	-0.01
23) Nitrobenzene-d5	7.457	82	629282	79.402	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	267483	132.307	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1058324	75.524	ng	0.00
79) Terphenyl-d14	13.016	244	1066323	94.789	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.457	70	86082	17.902	ng	# 74
25) Isophorone	7.457	82	629278	51.353	ng	# 68
32) Benzoic acid	7.928	122	112	5.744	ng	# 50
51) 2,6-Dinitrotoluene	9.934	165	25308	8.276	ng	# 14
57) 2,4-Dinitrotoluene	9.934	165	25308	6.226	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	16076	4.074	ng	# 1
70) Pentachlorophenol	11.228	266	67	5.557	ng	# 26
77) Benzidine	13.016	184	15851	2.724	ng	# 91
87) Indeno(1,2,3-cd)pyrene	17.068	276	542	3.901	ng	# 63
91) Dibenzo(a,h)anthracene	17.086	278	616	3.890	ng	# 57
92) Benzo(g,h,i)perylene	17.527	276	459	4.401	ng	# 55

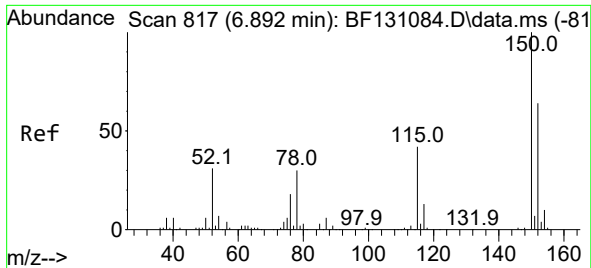
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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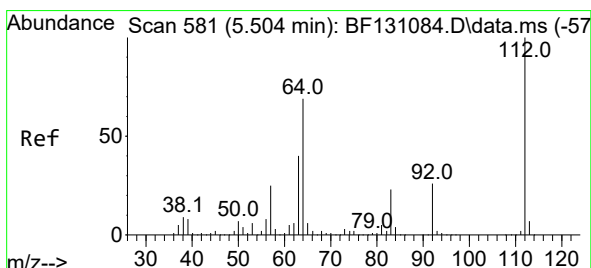
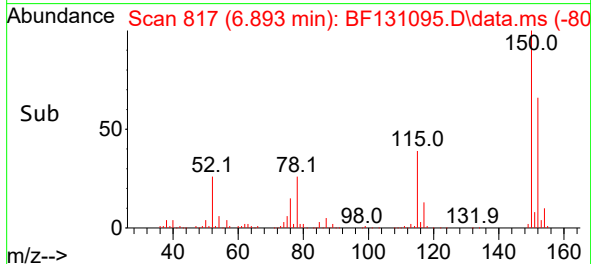
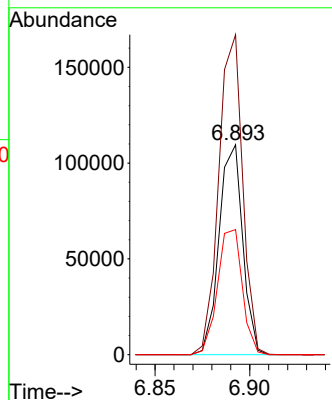
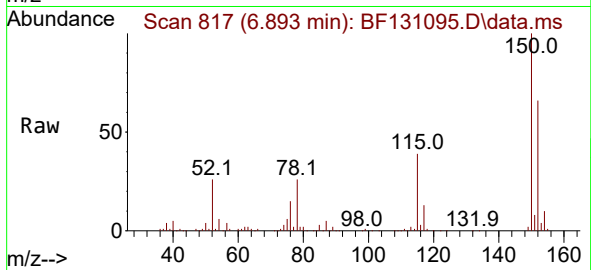




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

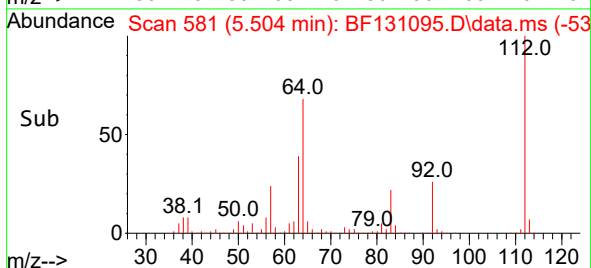
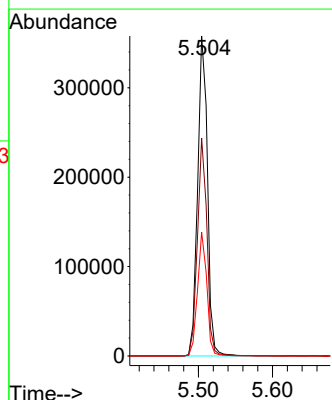
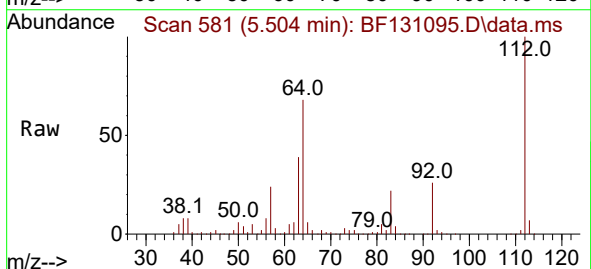
Instrument :
BNA_F
ClientSampleId :
596C-3

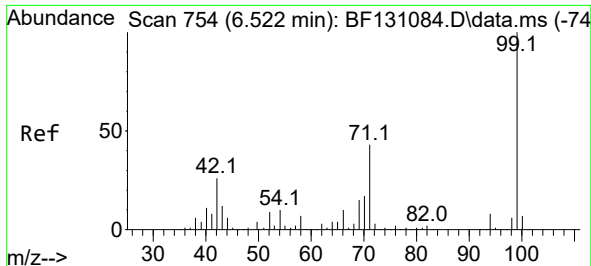
Tgt Ion:152 Resp: 95263
Ion Ratio Lower Upper
152 100
150 152.5 125.5 188.3
115 59.6 52.2 78.2



#5
2-Fluorophenol
Concen: 58.573 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

Tgt Ion:112 Resp: 328105
Ion Ratio Lower Upper
112 100
64 68.1 55.1 82.7
63 38.7 32.4 48.6

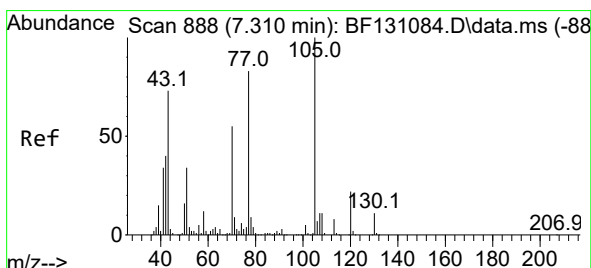
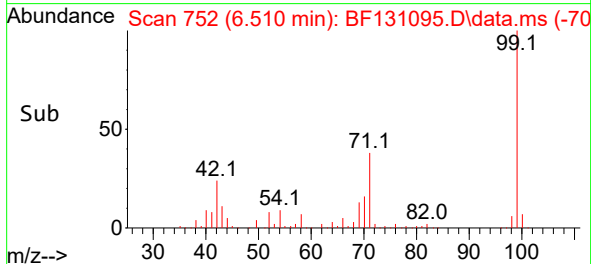
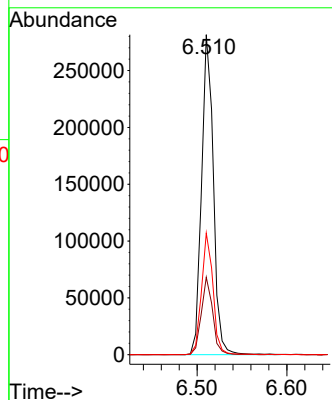
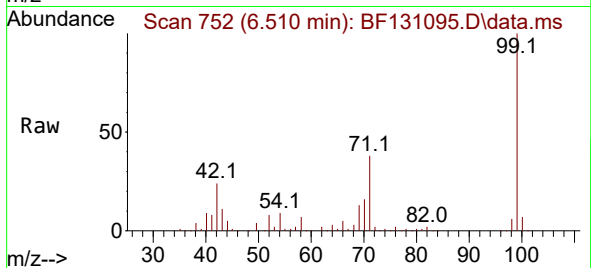




#7
Phenol-d6
Concen: 35.063 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

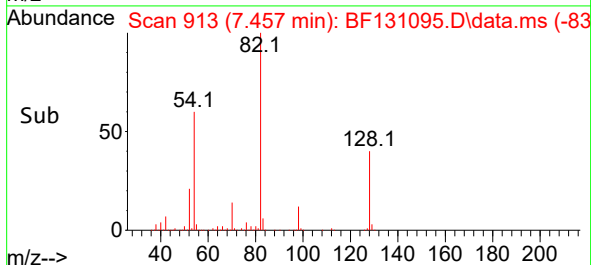
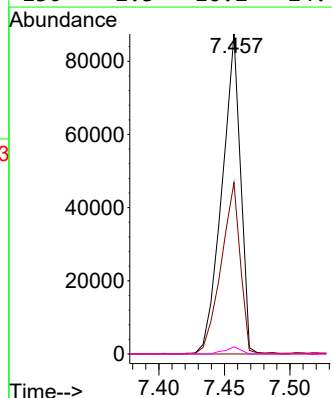
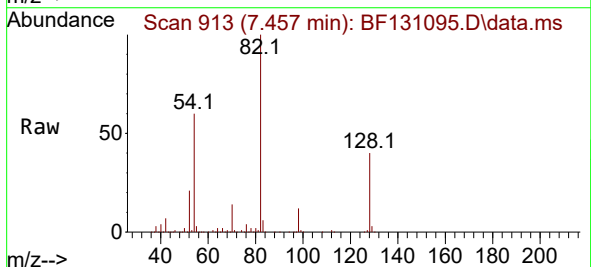
Instrument :
BNA_F
ClientSampleId :
596C-3

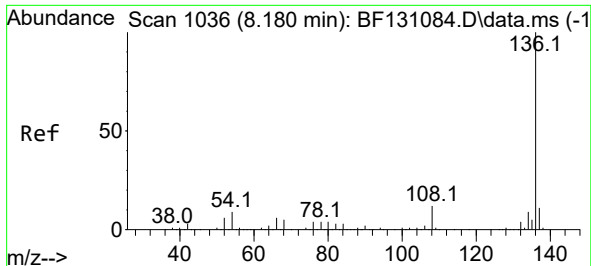
Tgt Ion: 99 Resp: 256781
Ion Ratio Lower Upper
99 100
42 24.2 20.8 31.2
71 38.0 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.902 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

Tgt Ion: 70 Resp: 86082
Ion Ratio Lower Upper
70 100
42 53.6 58.3 87.5#
101 0.0 7.4 11.2#
130 2.3 16.2 24.4#



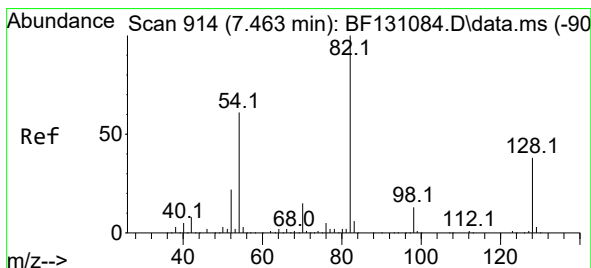
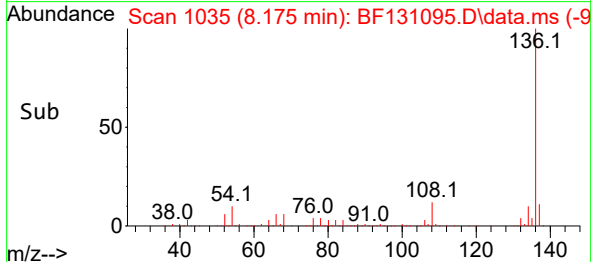
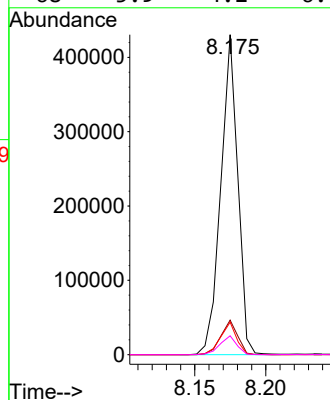
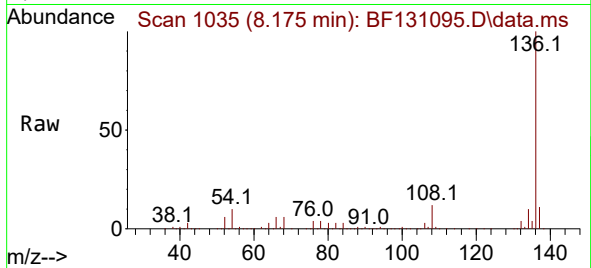


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

Instrument :
BNA_F
ClientSampleId :
596C-3

Tgt Ion:136 Resp: 357578

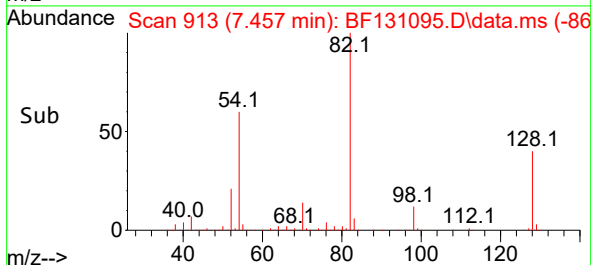
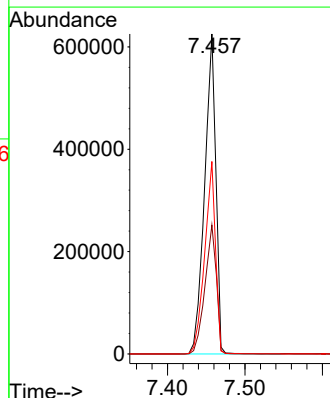
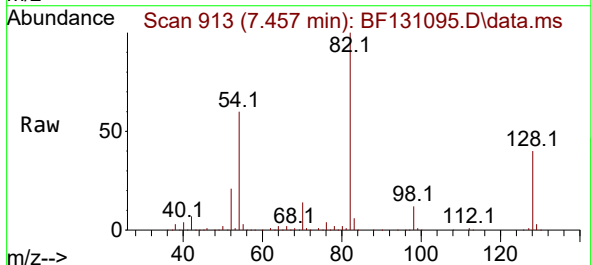
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.2	7.2	10.8
68	5.9	4.2	6.4

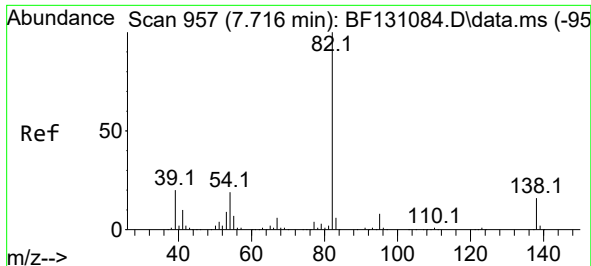


#23
Nitrobenzene-d5
Concen: 79.402 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

Tgt Ion: 82 Resp: 629282

Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.5	45.7
54	60.2	49.1	73.7

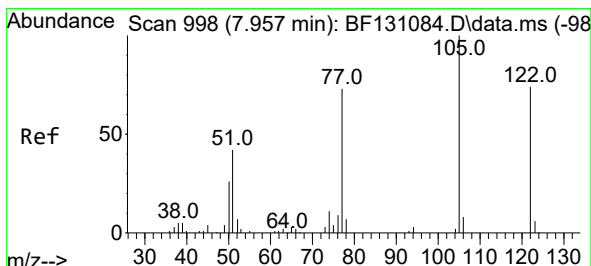
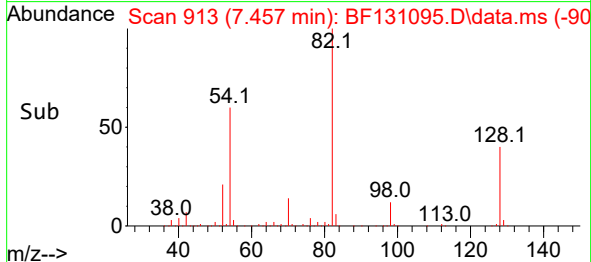
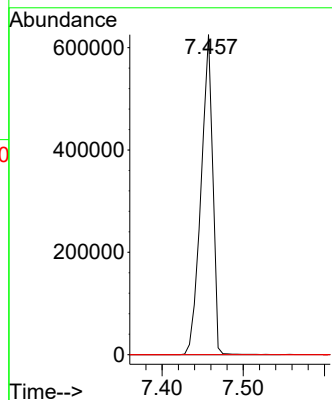
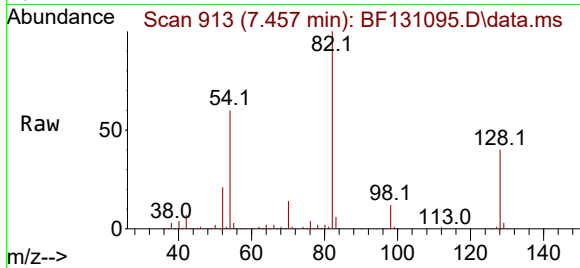




#25
Isophorone
Concen: 51.353 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

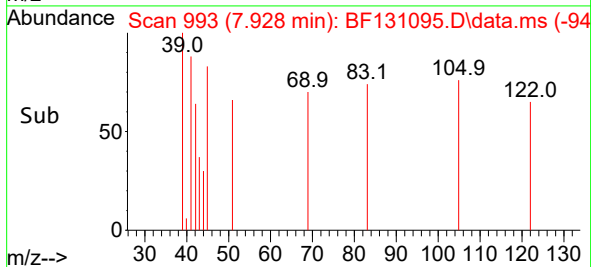
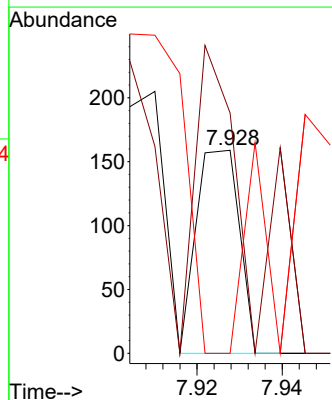
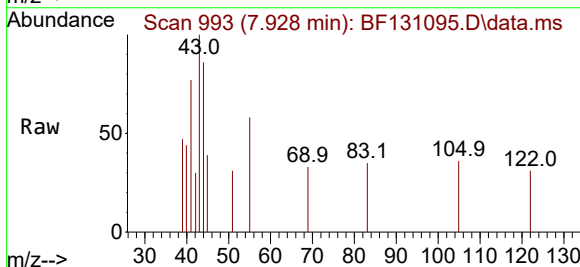
Instrument :
BNA_F
ClientSampleId :
596C-3

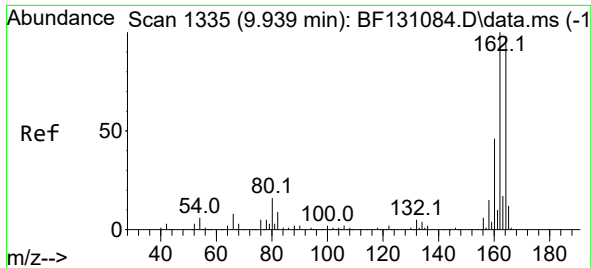
Tgt Ion: 82 Resp: 629278
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.744 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.029 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

Tgt Ion: 122 Resp: 112
Ion Ratio Lower Upper
122 100
105 118.2 113.0 153.0
77 0.0 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: BF131095.D

Acq: 09 Nov 2022 19:32

Instrument :

BNA_F

ClientSampleId :

596C-3

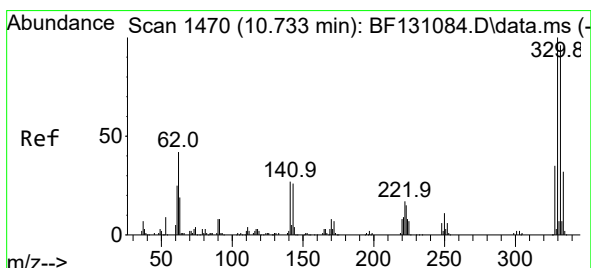
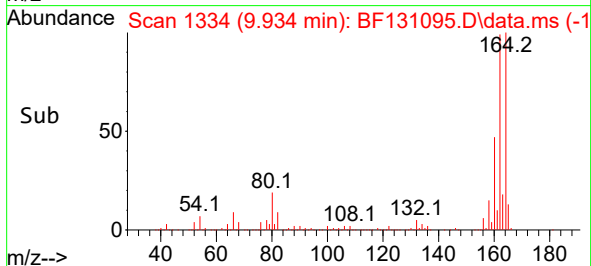
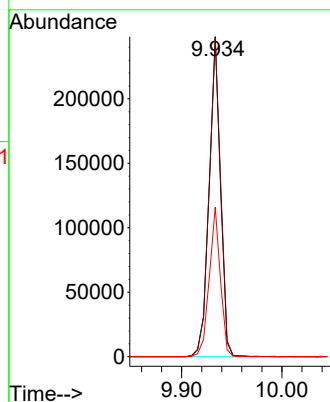
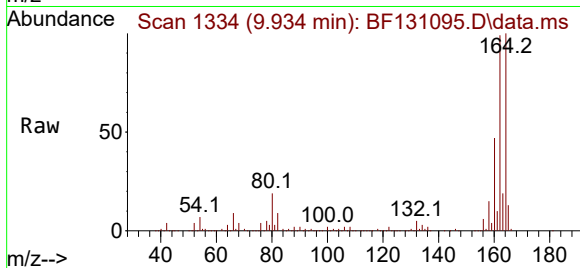
Tgt Ion:164 Resp: 195620

Ion Ratio Lower Upper

164 100

162 99.4 81.7 122.5

160 46.7 37.4 56.2



#42

2,4,6-Tribromophenol

Concen: 132.307 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131095.D

Acq: 09 Nov 2022 19:32

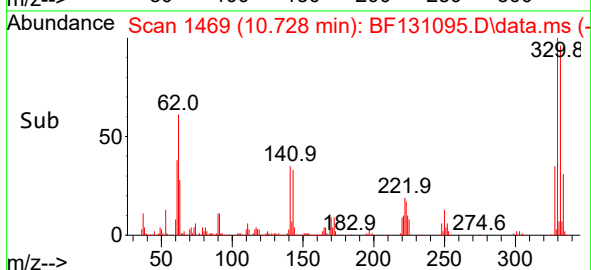
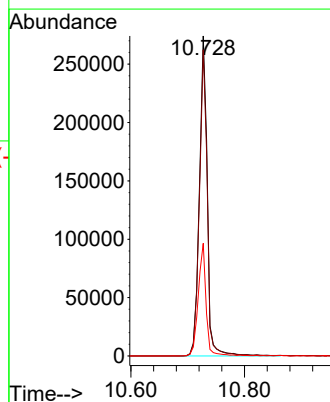
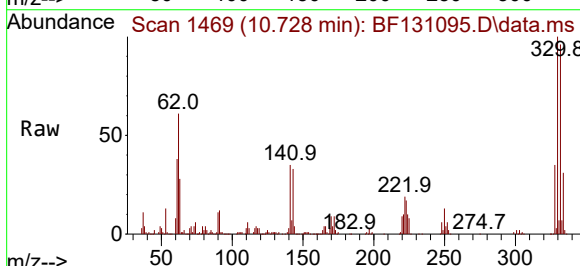
Tgt Ion:330 Resp: 267483

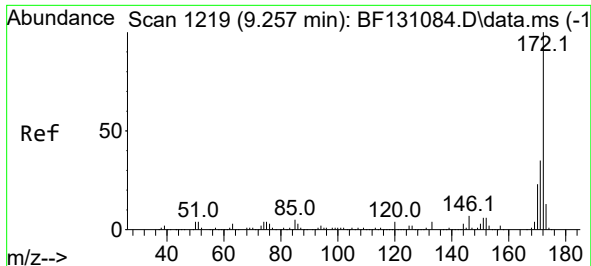
Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.4

141 35.3 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 75.524 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131095.D

Acq: 09 Nov 2022 19:32

Instrument :

BNA_F

ClientSampleId :

596C-3

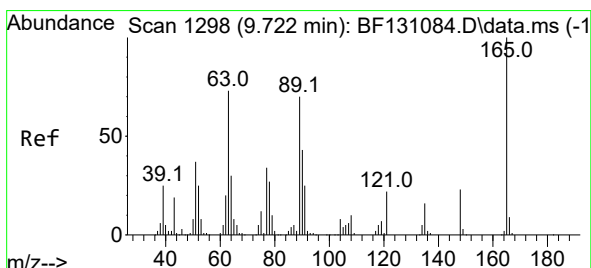
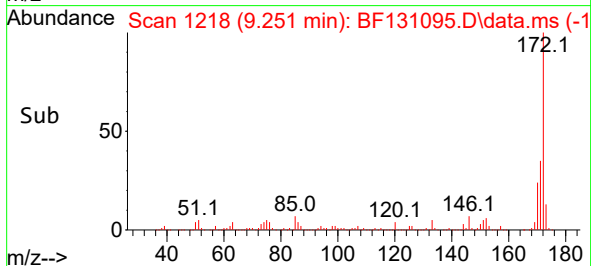
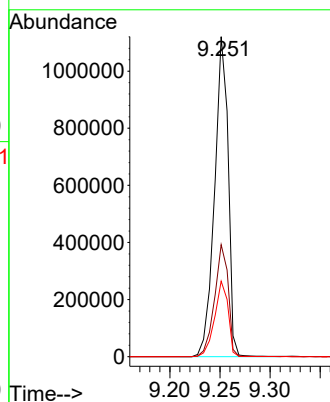
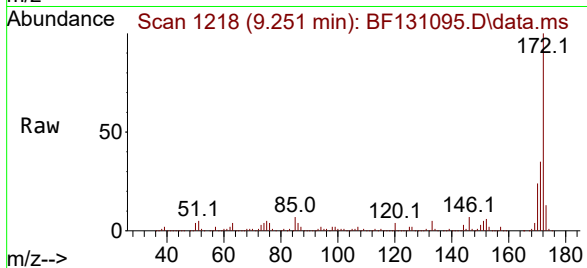
Tgt Ion:172 Resp: 1058324

Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.6 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.276 ng

RT: 9.934 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131095.D

Acq: 09 Nov 2022 19:32

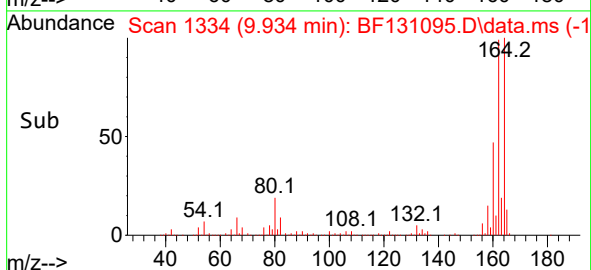
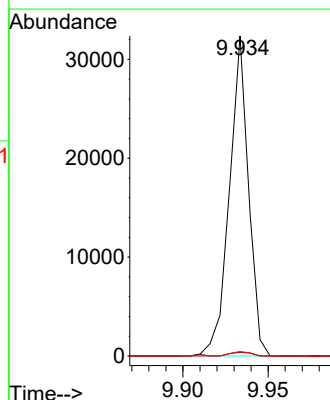
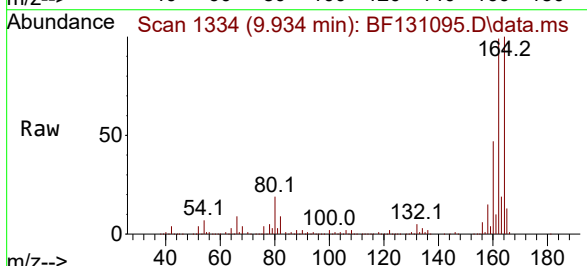
Tgt Ion:165 Resp: 25308

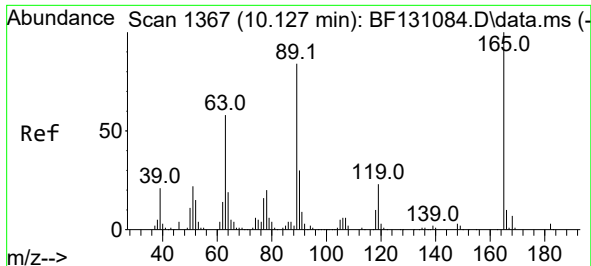
Ion Ratio Lower Upper

165 100

63 1.2 61.4 92.2#

89 1.4 56.0 84.0#

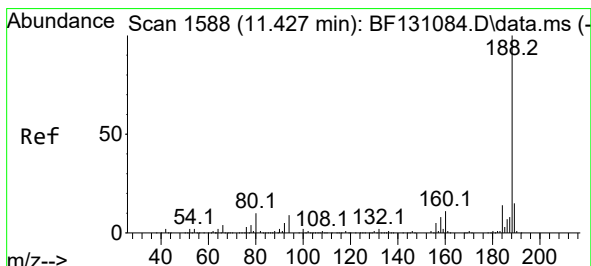
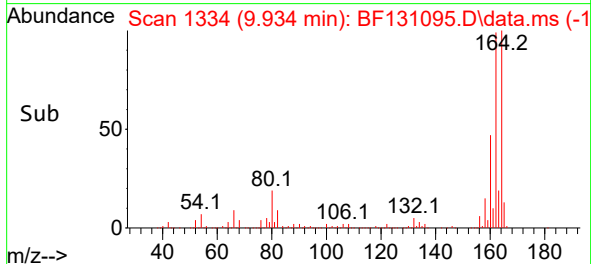
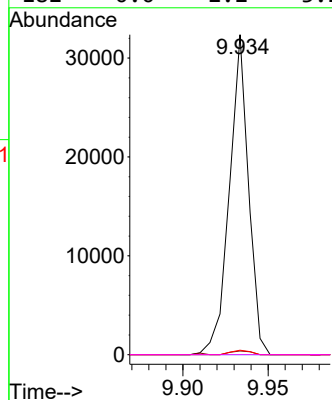
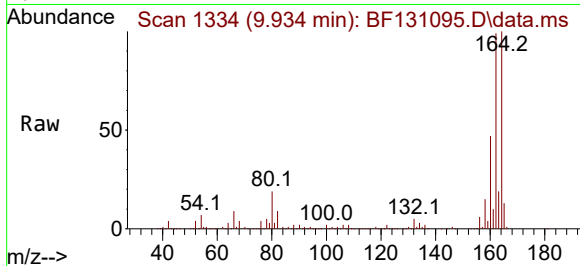




#57
2,4-Dinitrotoluene
Concen: 6.226 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

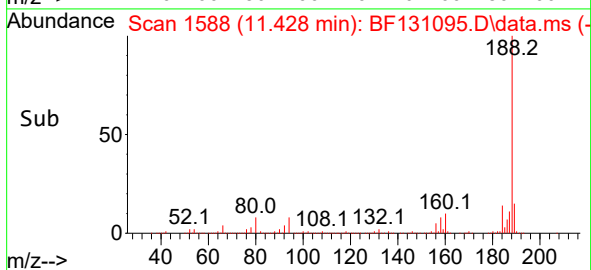
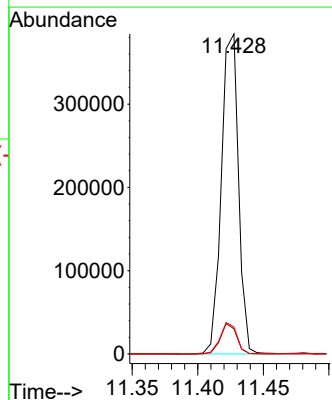
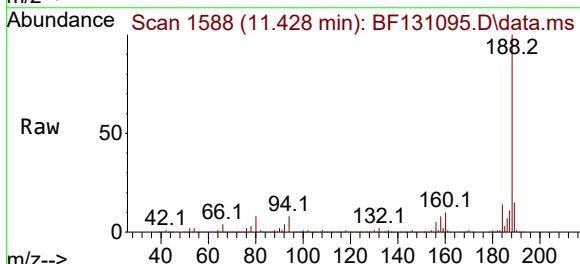
Instrument :
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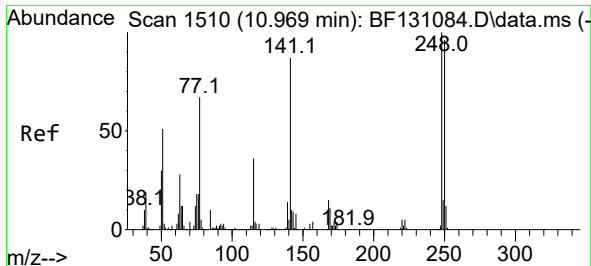
Tgt Ion:165 Resp: 25308
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.4 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.001 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

Tgt Ion:188 Resp: 348926
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.5 7.9 11.9

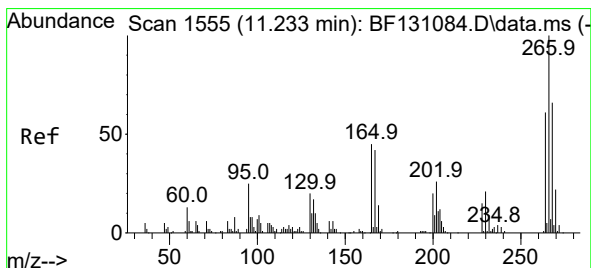
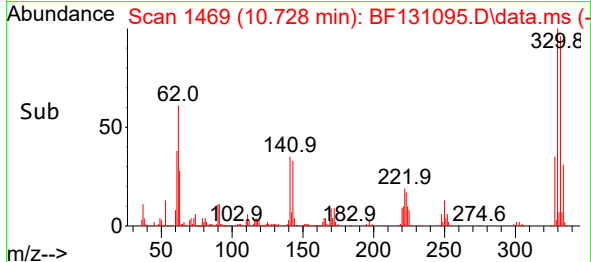
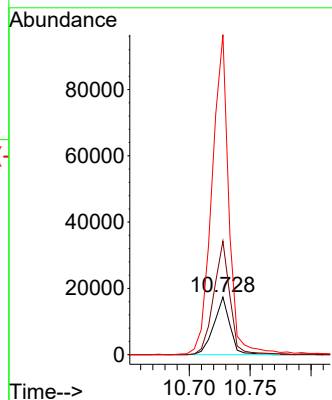
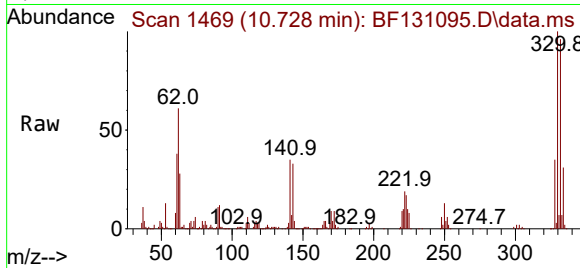




#67
4-Bromophenyl-phenylether
Concen: 4.074 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

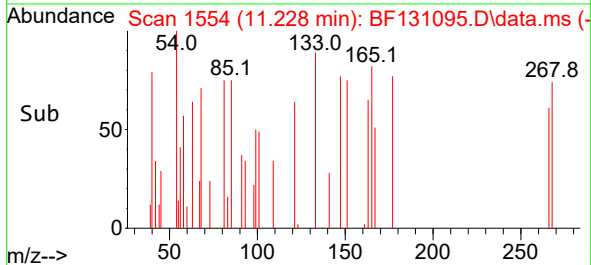
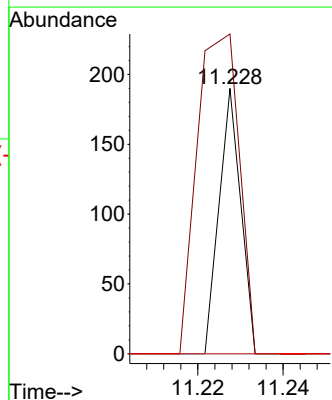
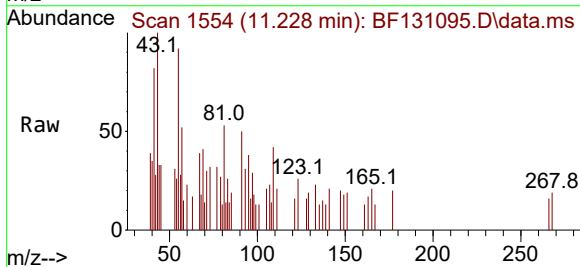
Instrument :
BNA_F
ClientSampleId :
596C-3

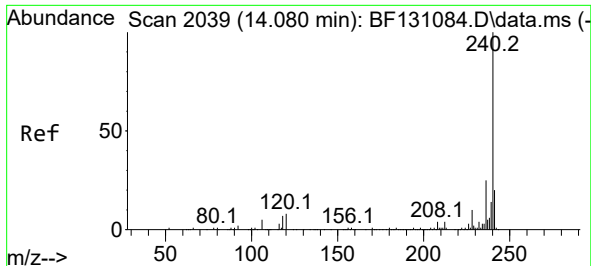
Tgt Ion:248 Resp: 16076
Ion Ratio Lower Upper
248 100
250 197.1 77.0 115.6#
141 555.2 69.7 104.5#



#70
Pentachlorophenol
Concen: 5.557 ng
RT: 11.228 min Scan# 1554
Delta R.T. -0.005 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

Tgt Ion:266 Resp: 67
Ion Ratio Lower Upper
266 100
268 120.5 52.5 78.7#
264 0.0 48.6 72.8#

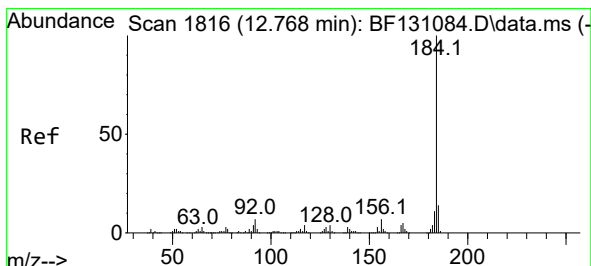
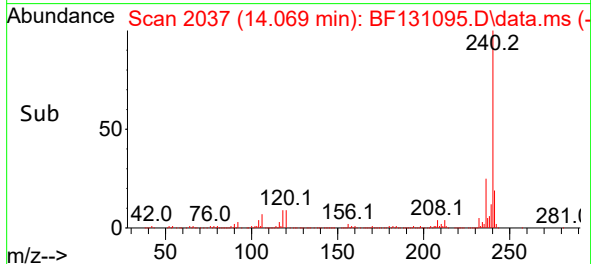
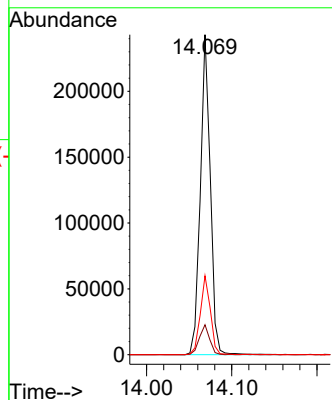
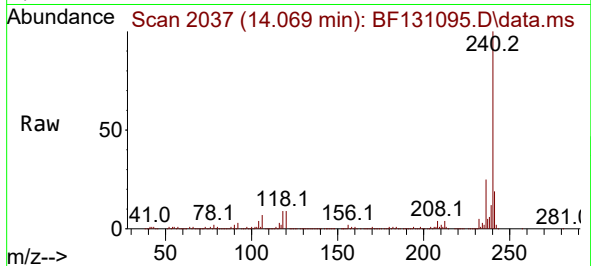




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

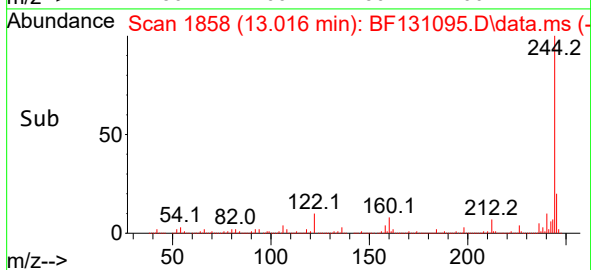
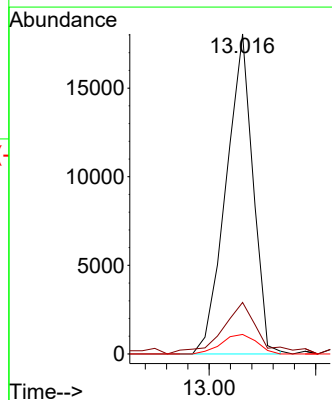
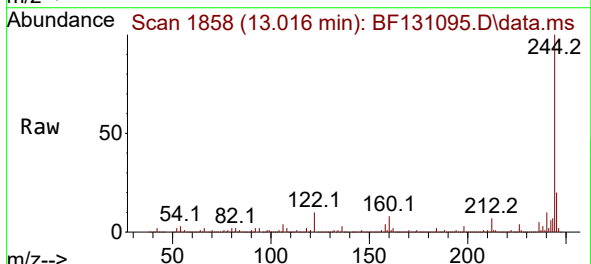
Instrument :
BNA_F
ClientSampleId :
596C-3

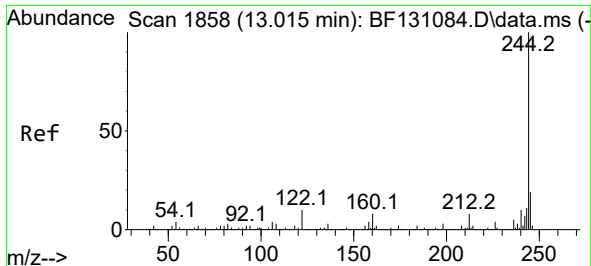
Tgt Ion:240 Resp: 197238
Ion Ratio Lower Upper
240 100
120 9.3 6.5 9.7
236 24.6 19.7 29.5



#77
Benzidine
Concen: 2.724 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.247 min
Lab File: BF131095.D
Acq: 09 Nov 2022 19:32

Tgt Ion:184 Resp: 15851
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.0
183 6.1 9.0 13.4#

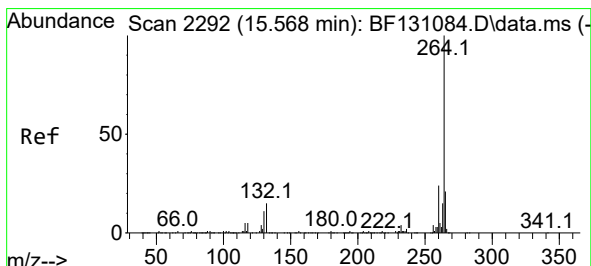
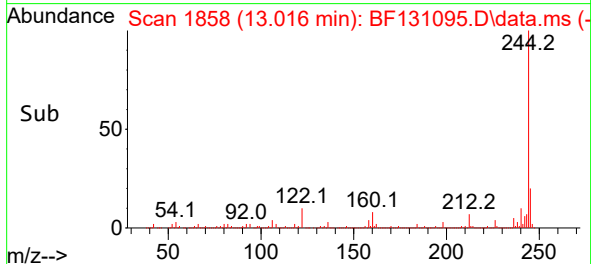
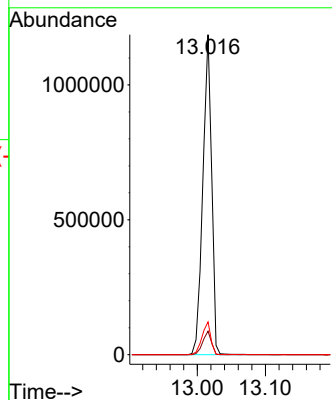
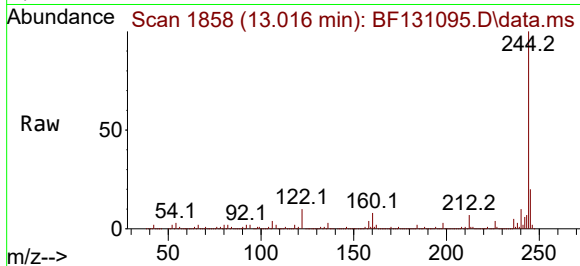




#79
 Terphenyl-d14
 Concen: 94.789 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131095.D
 Acq: 09 Nov 2022 19:32

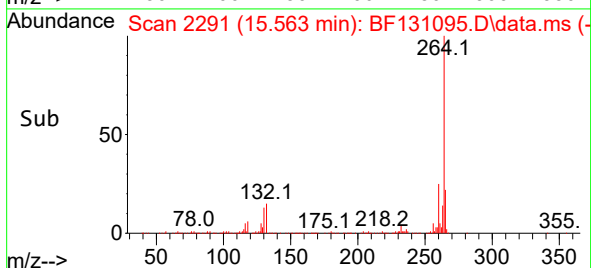
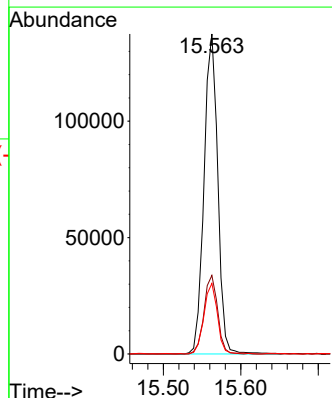
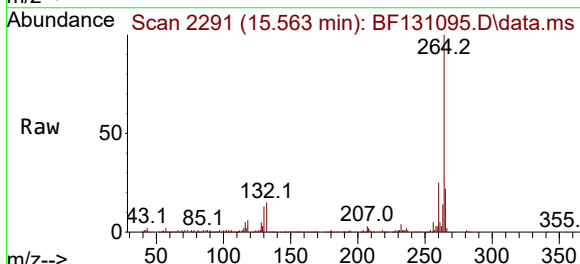
Instrument :
 BNA_F
 ClientSampleId :
 596C-3

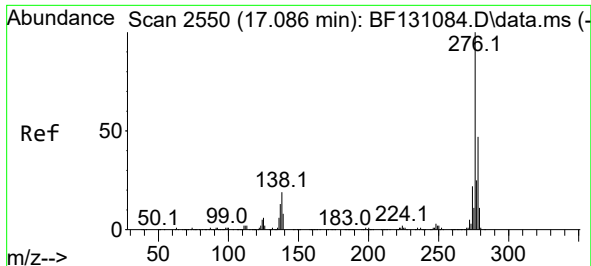
Tgt Ion:244 Resp: 1066323
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF131095.D
 Acq: 09 Nov 2022 19:32

Tgt Ion:264 Resp: 169155
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.0 16.7 25.1

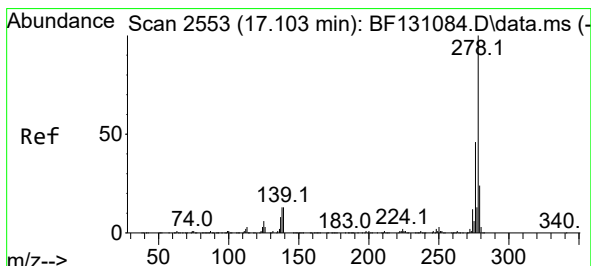
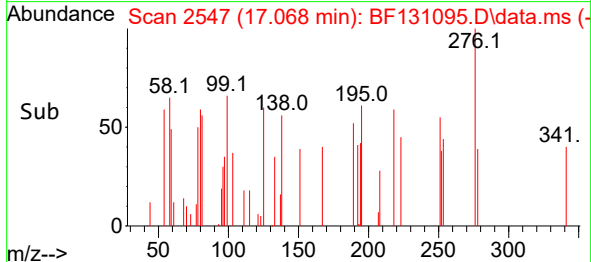
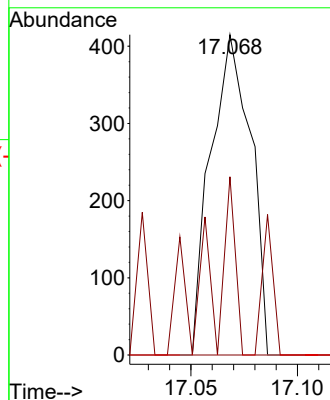
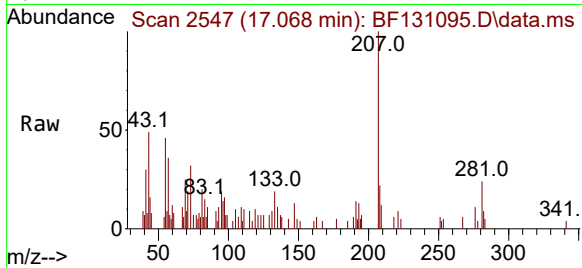




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.901 ng
 RT: 17.068 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF131095.D
 Acq: 09 Nov 2022 19:32

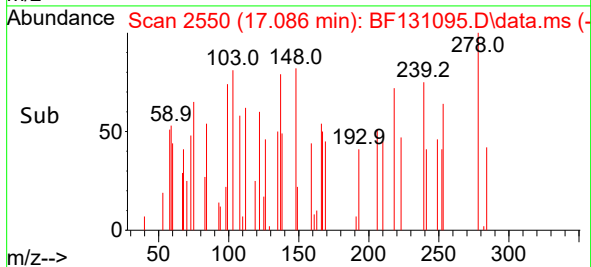
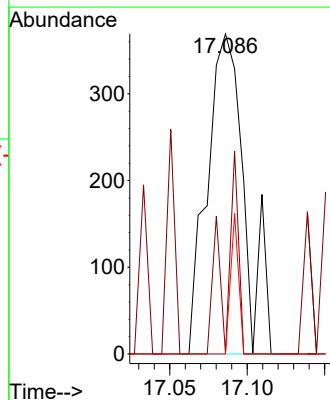
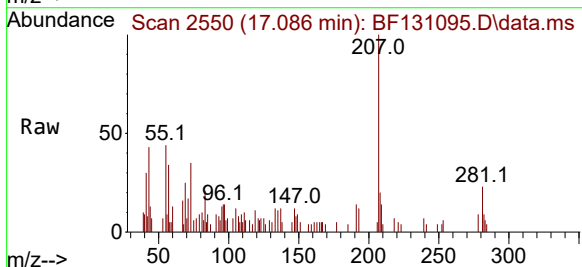
Instrument :
 BNA_F
 ClientSampleId :
 596C-3

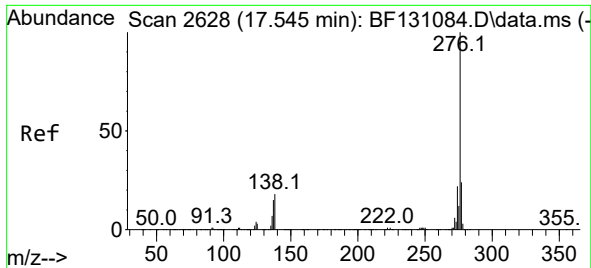
Tgt Ion:276 Resp: 542
 Ion Ratio Lower Upper
 276 100
 138 11.6 16.9 25.3#
 277 0.0 20.3 30.5#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.890 ng
 RT: 17.086 min Scan# 2550
 Delta R.T. -0.017 min
 Lab File: BF131095.D
 Acq: 09 Nov 2022 19:32

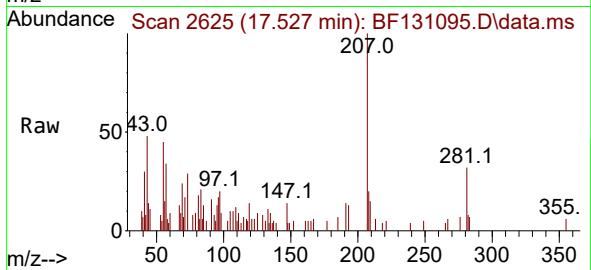
Tgt Ion:278 Resp: 616
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.8 16.2#
 279 0.0 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.401 ng
 RT: 17.527 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF131095.D
 Acq: 09 Nov 2022 19:32

Instrument :
 BNA_F
 ClientSampleId :
 596C-3



Tgt Ion: 276 Resp: 459
 Ion Ratio Lower Upper
 276 100
 277 0.0 19.0 28.4#
 138 0.0 14.6 21.8#

