

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136300.D
 Acq On : 30 Nov 2023 00:02
 Operator : CG\JU
 Sample : 05408-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 710-BROOKLYN-AVE

Quant Time: Nov 30 00:31:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

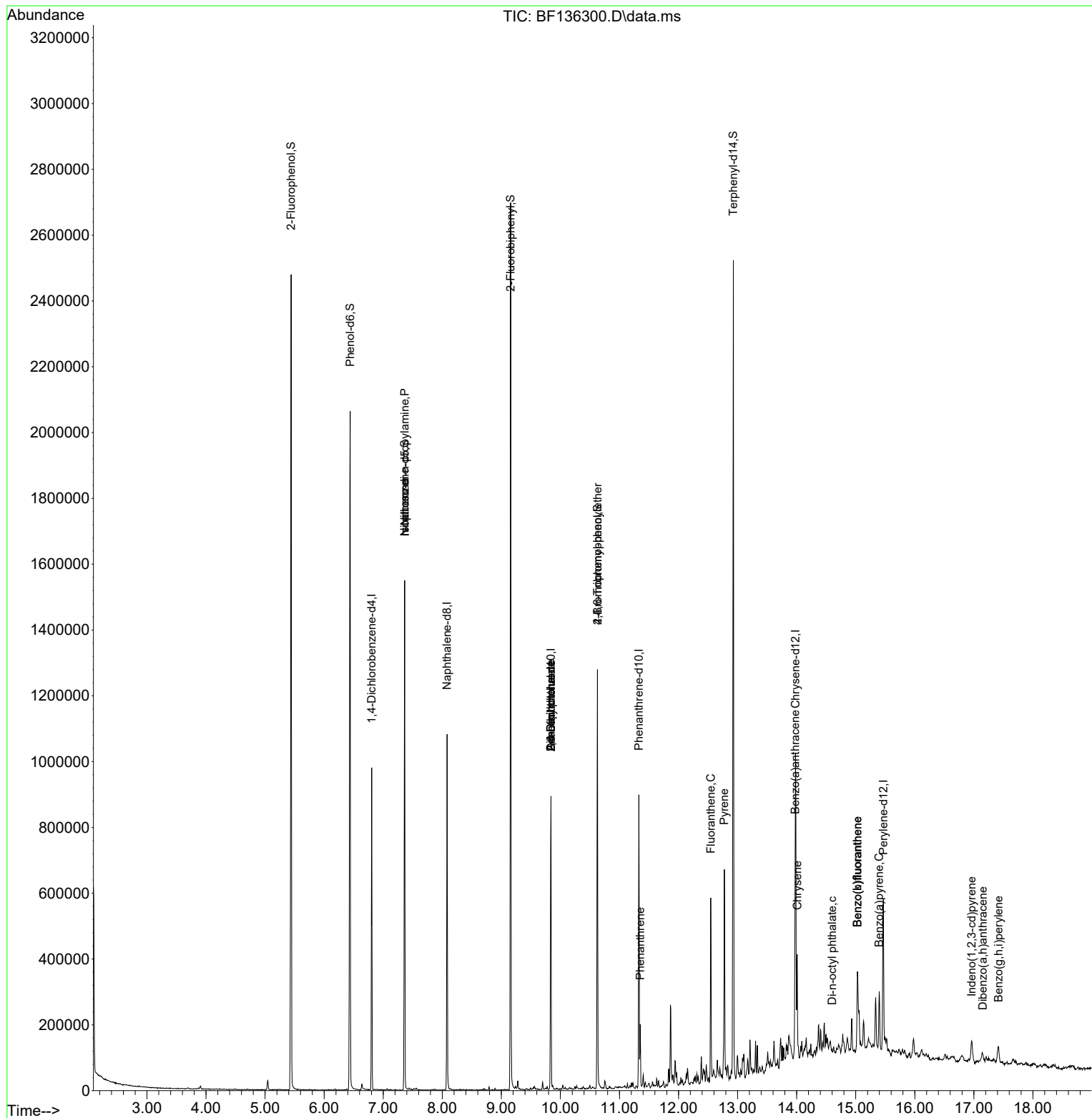
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	119715	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	418311	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	168711	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	292609	20.000	ng	0.00
76) Chrysene-d12	13.980	240	277771	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	226444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	626759	72.869	ng	0.00
7) Phenol-d6	6.440	99	721147	67.055	ng	0.00
23) Nitrobenzene-d5	7.363	82	429137	54.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	143252	69.451	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	756907	57.305	ng	-0.01
79) Terphenyl-d14	12.927	244	836933	34.755	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	56005	8.707	ng	# 76
25) Isophorone	7.363	82	429129	30.064	ng	# 68
50) Dimethylphthalate	9.839	163	34402	2.698	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	21154	8.120	ng	# 25
57) 2,4-Dinitrotoluene	9.839	165	21154	6.079	ng	# 28
67) 4-Bromophenyl-phenylether	10.628	248	8465	2.480	ng	# 1
71) Phenanthrene	11.351	178	64235	3.906	ng	# 95
75) Fluoranthene	12.545	202	204244	12.234	ng	92
78) Pyrene	12.775	202	245934	8.084	ng	96
81) Benzo(a)anthracene	13.974	228	115941	5.619	ng	# 95
83) Chrysene	14.010	228	137146	6.885	ng	# 95
85) Di-n-octyl phthalate	14.598	149	627	5.193	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.962	276	44576	5.166	ng	97
88) Benzo(b)fluoranthene	15.027	252	180816	11.381	ng	97
89) Benzo(k)fluoranthene	15.027	252	180816	11.983	ng	96
90) Benzo(a)pyrene	15.398	252	93058	7.165	ng	97
91) Dibenzo(a,h)anthracene	17.151	278	7980	3.268	ng	98
92) Benzo(g,h,i)perylene	17.415	276	44602	5.043	ng	95

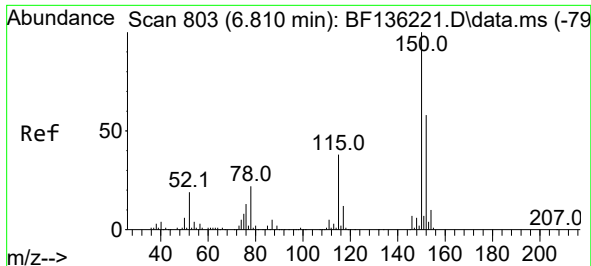
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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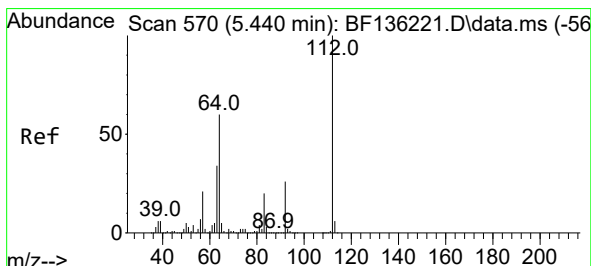
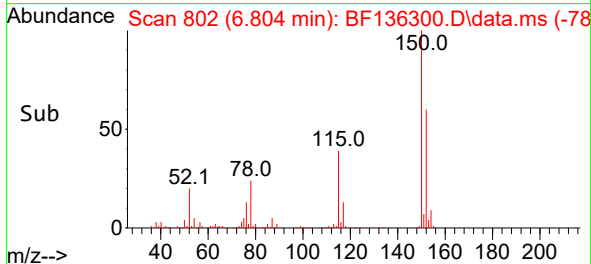
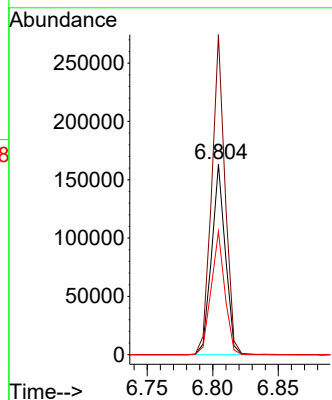
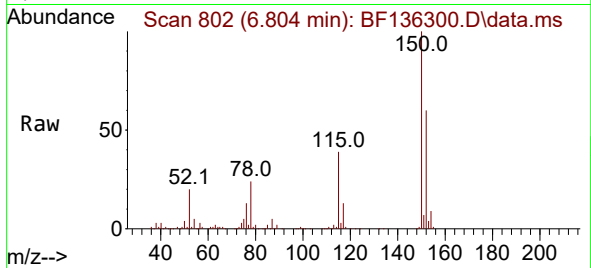




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

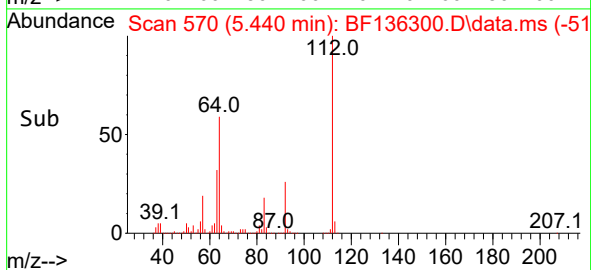
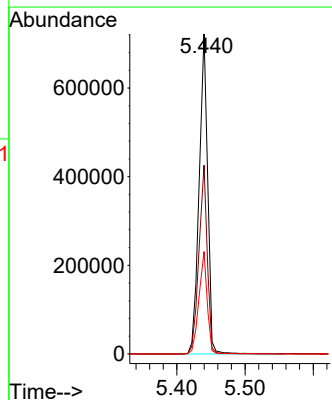
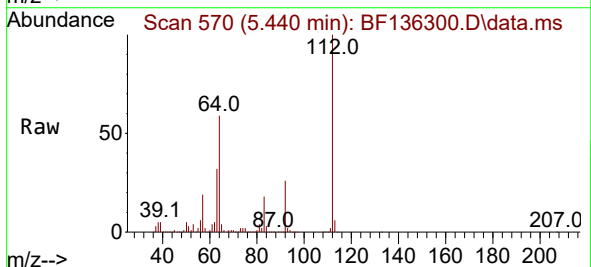
Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

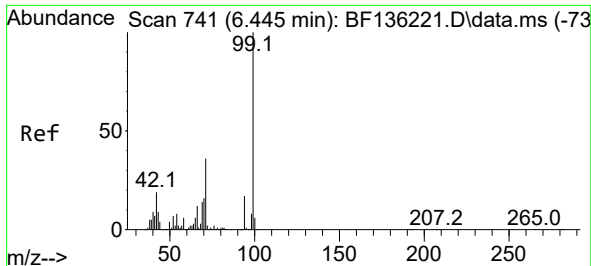
Tgt Ion:152 Resp: 119715
Ion Ratio Lower Upper
152 100
150 167.8 137.8 206.8
115 64.6 52.7 79.1



#5
2-Fluorophenol
Concen: 72.869 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

Tgt Ion:112 Resp: 626759
Ion Ratio Lower Upper
112 100
64 59.0 48.2 72.4
63 32.0 27.0 40.6

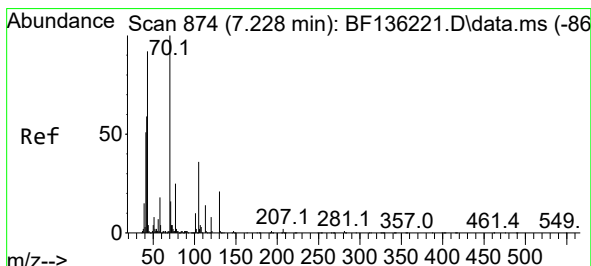
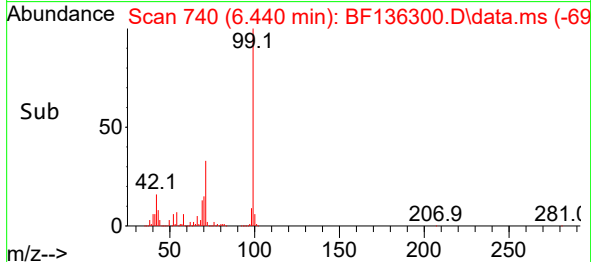
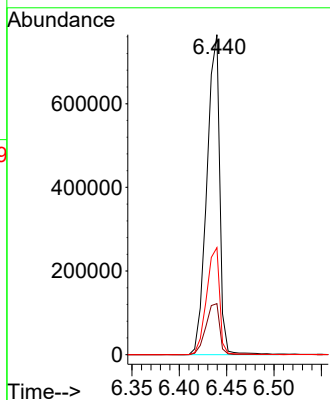
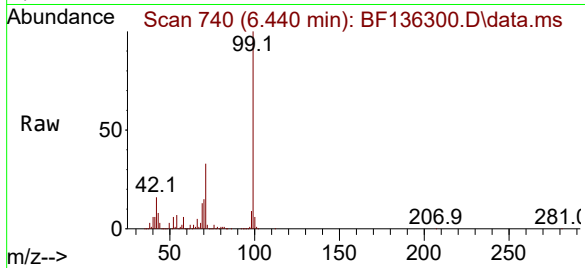




#7
Phenol-d6
Concen: 67.055 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

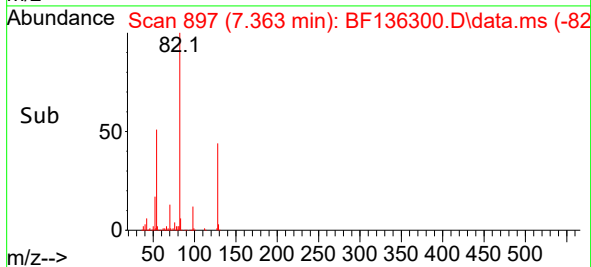
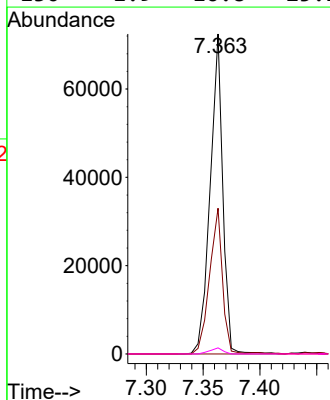
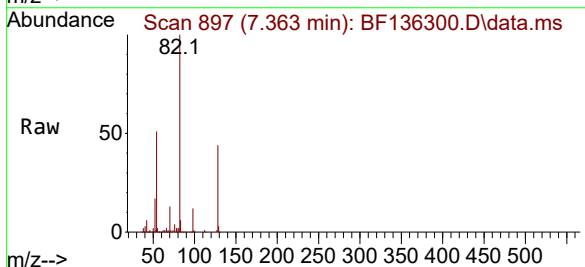
Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

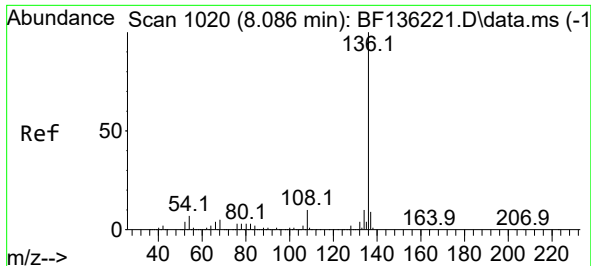
Tgt Ion: 99 Resp: 721147
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.6
71 33.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.707 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

Tgt Ion: 70 Resp: 56005
Ion Ratio Lower Upper
70 100
42 45.6 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF136300.D

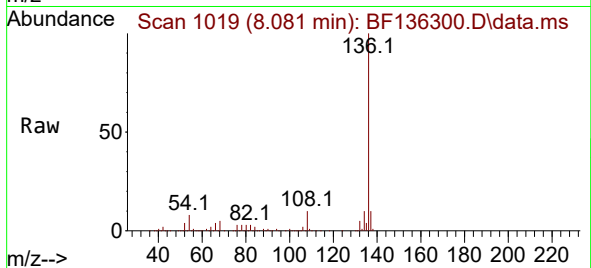
Acq: 30 Nov 2023 00:02

Instrument :

BNA_F

ClientSampleId :

710-BROOKLYN-AVE



Tgt Ion:136 Resp: 418311

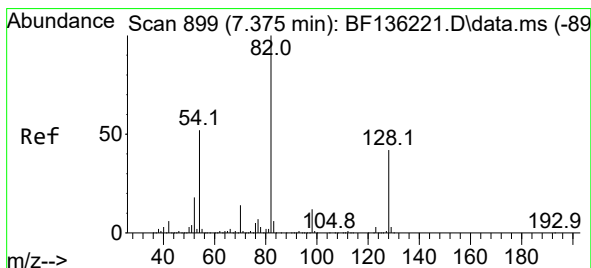
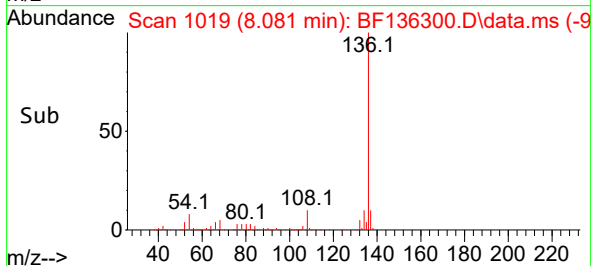
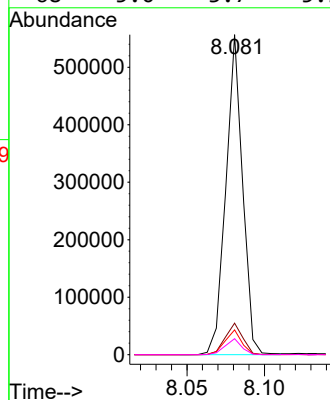
Ion Ratio Lower Upper

136 100

137 9.9 7.4 11.2

54 7.7 5.5 8.3

68 5.0 3.7 5.5



#23

Nitrobenzene-d5

Concen: 54.211 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

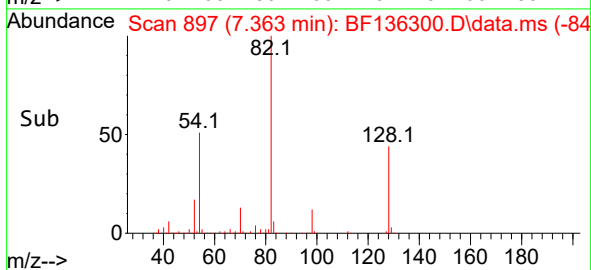
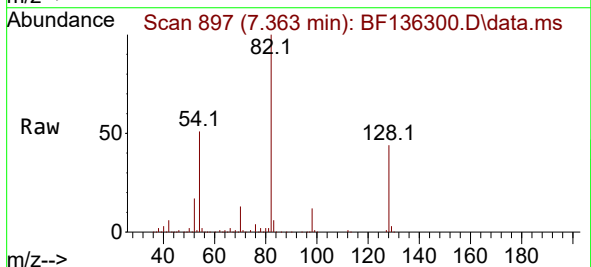
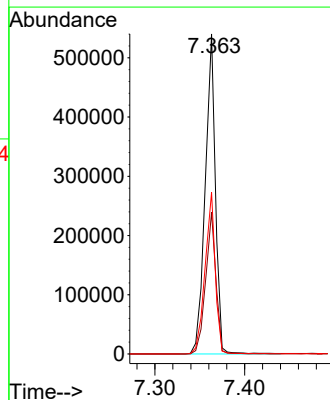
Tgt Ion: 82 Resp: 429137

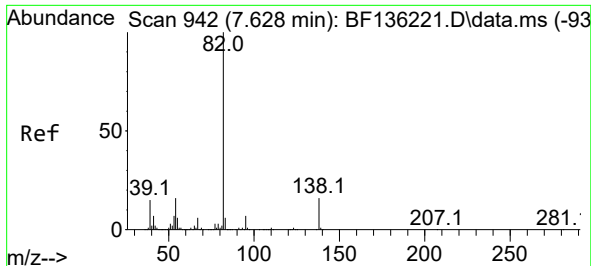
Ion Ratio Lower Upper

82 100

128 44.3 33.4 50.2

54 50.5 41.7 62.5

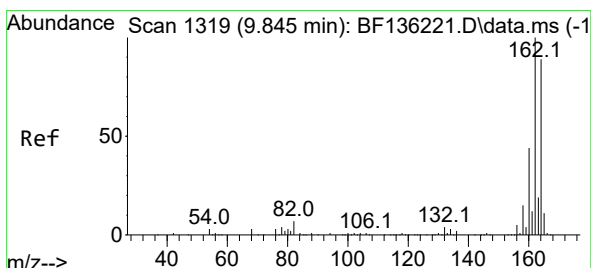
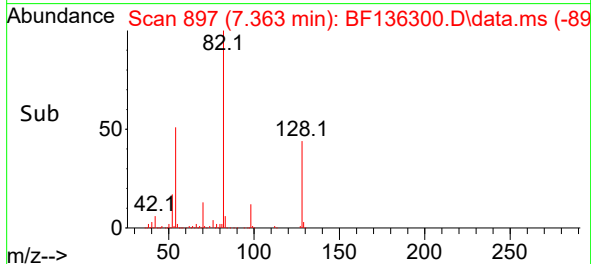
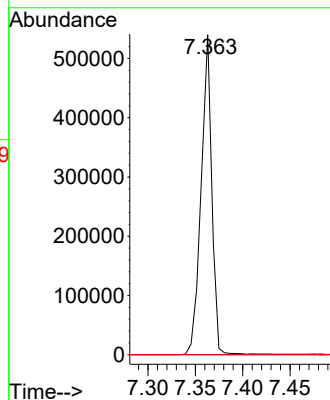
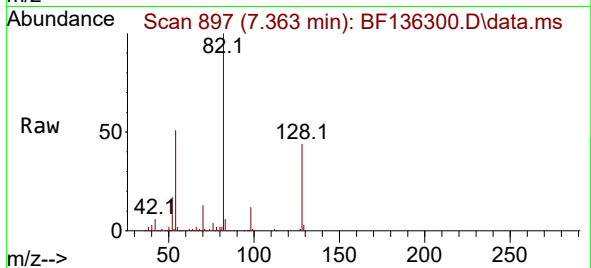




#25
Isophorone
Concen: 30.064 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

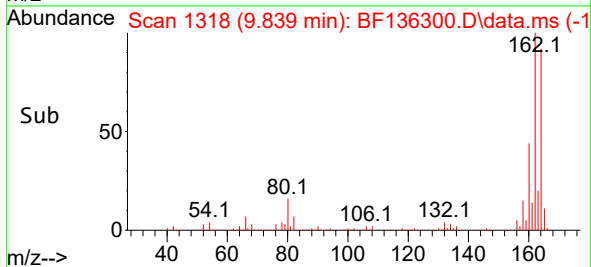
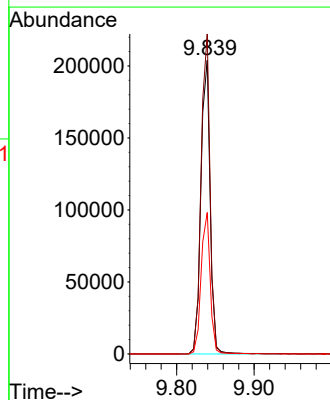
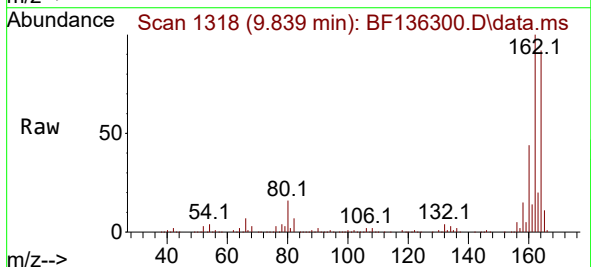
Instrument :
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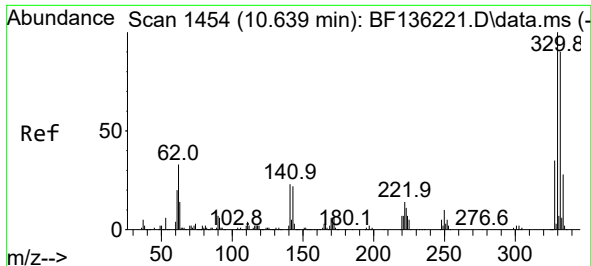
Tgt Ion: 82 Resp: 429129
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

Tgt Ion: 164 Resp: 168711
Ion Ratio Lower Upper
164 100
162 108.9 89.5 134.3
160 48.1 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 69.451 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

Instrument :

BNA_F

ClientSampleId :

710-BROOKLYN-AVE

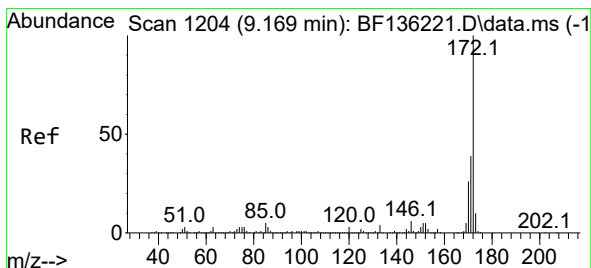
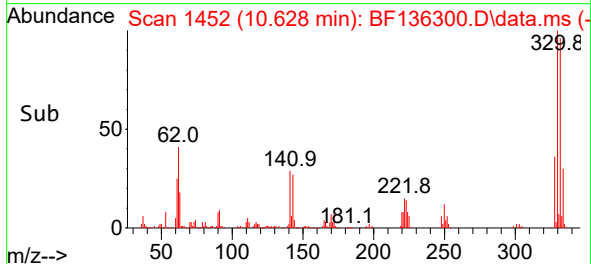
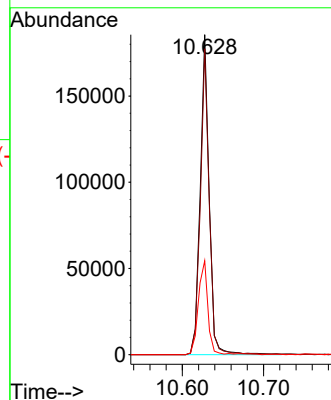
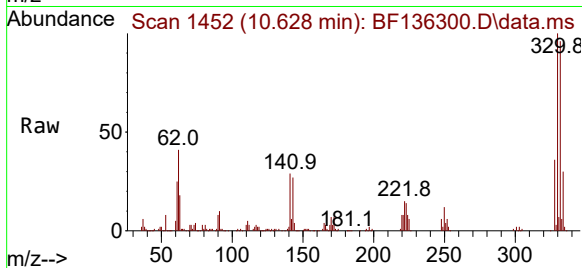
Tgt Ion:330 Resp: 143252

Ion Ratio Lower Upper

330 100

332 95.0 73.0 109.6

141 31.7 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 57.305 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

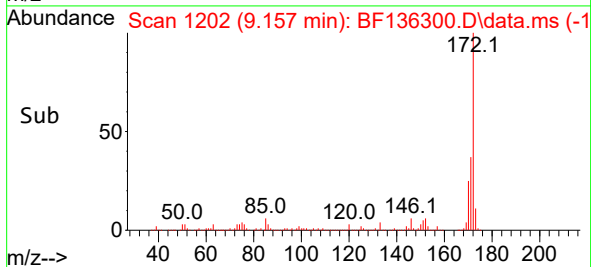
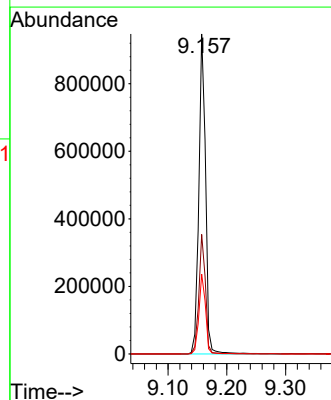
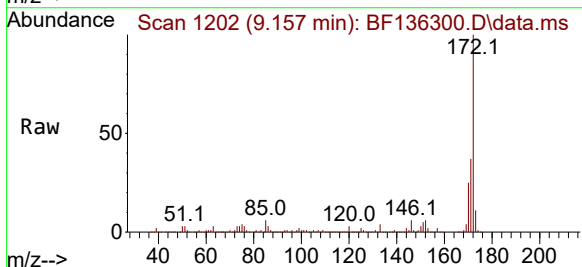
Tgt Ion:172 Resp: 756907

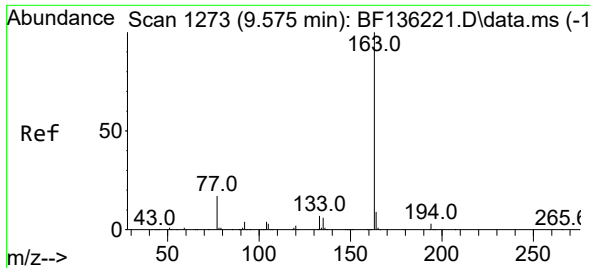
Ion Ratio Lower Upper

172 100

171 37.4 31.5 47.3

170 24.9 20.8 31.2

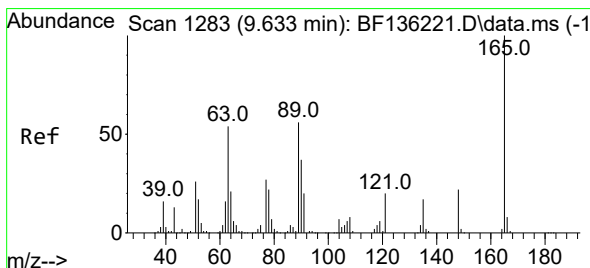
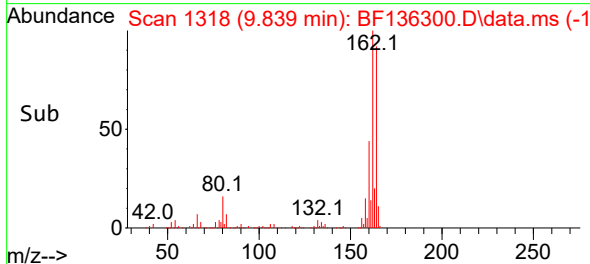
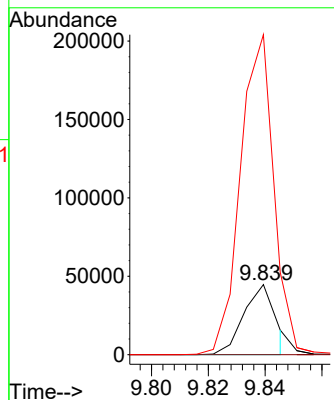
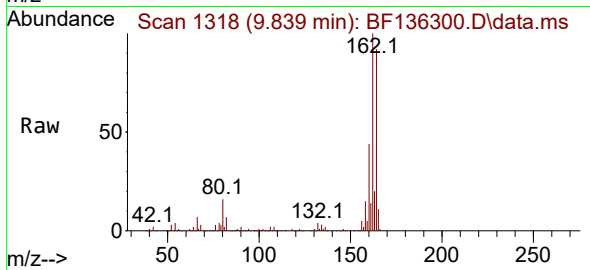




#50
Dimethylphthalate
Concen: 2.698 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

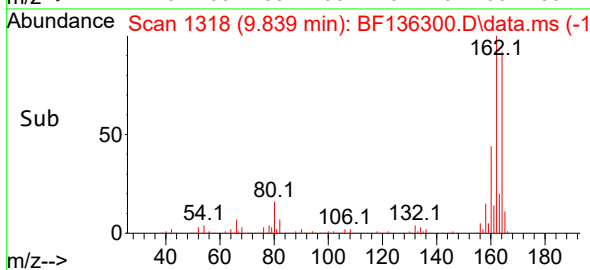
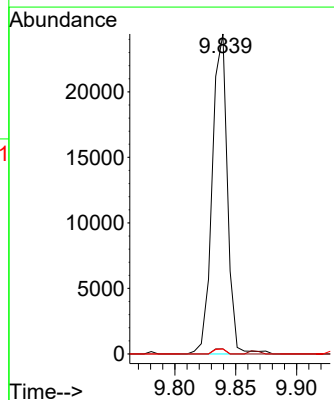
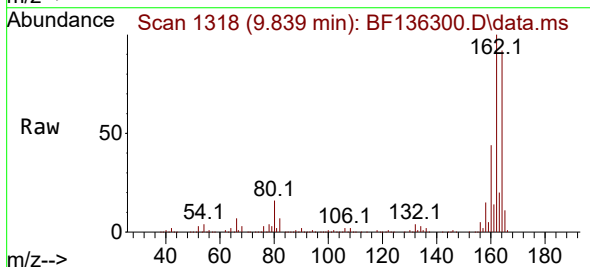
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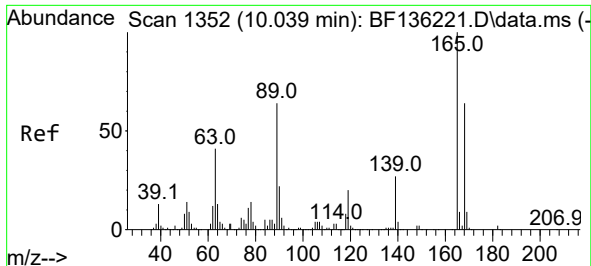
Tgt Ion:163 Resp: 34402
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 457.1 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.120 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

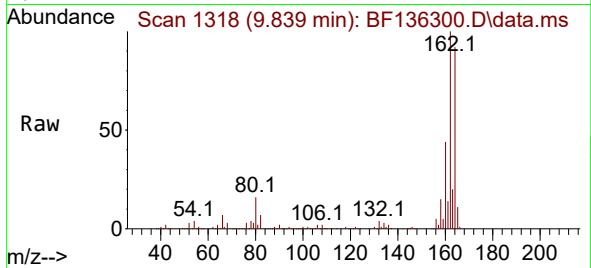
Tgt Ion:165 Resp: 21154
Ion Ratio Lower Upper
165 100
63 1.6 46.2 69.2#
89 1.6 44.9 67.3#



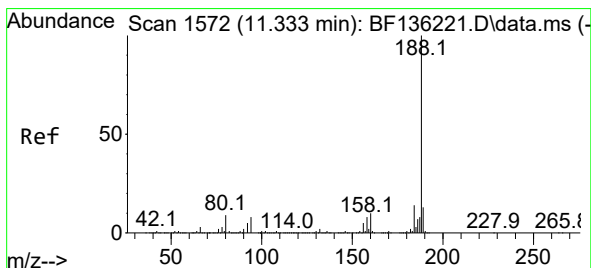
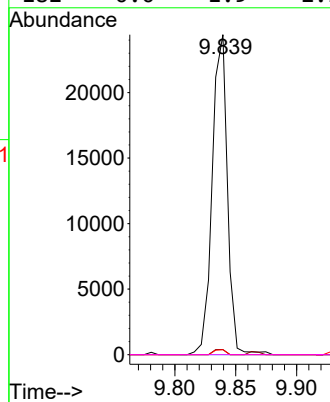
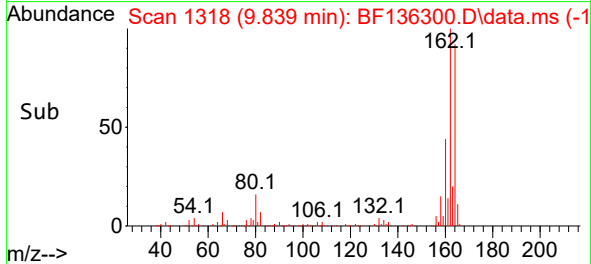


#57
2,4-Dinitrotoluene
Concen: 6.079 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

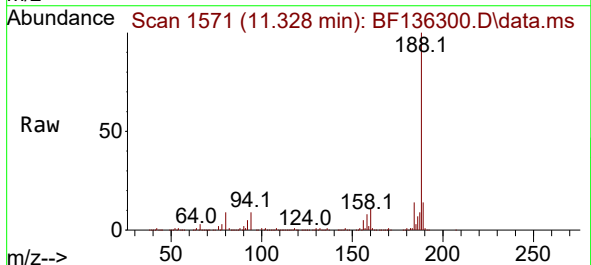
Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE



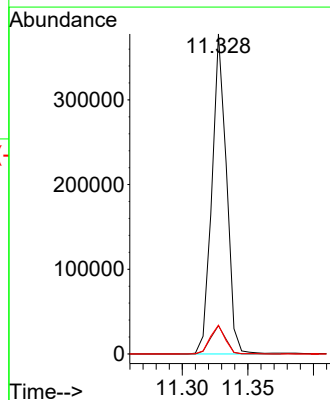
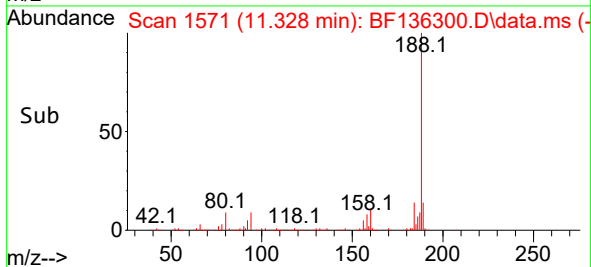
Tgt Ion:165 Resp: 21154
Ion Ratio Lower Upper
165 100
63 1.6 33.0 49.4#
89 1.6 51.5 77.3#
182 0.0 1.9 2.9#

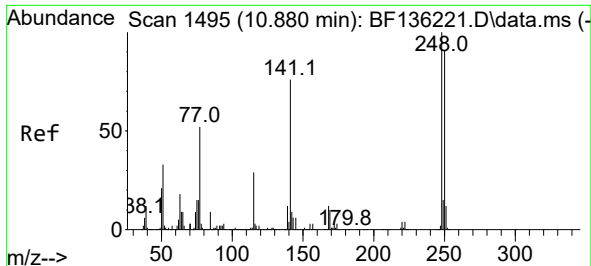


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02



Tgt Ion:188 Resp: 292609
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.0 7.2 10.8

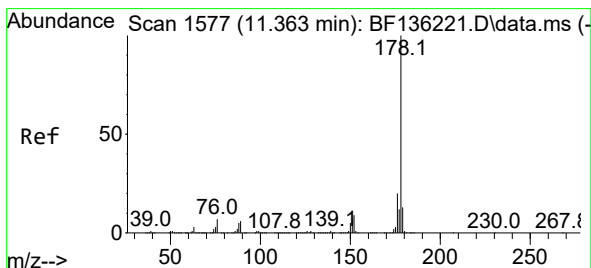
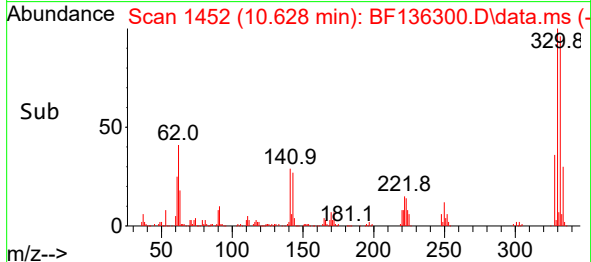
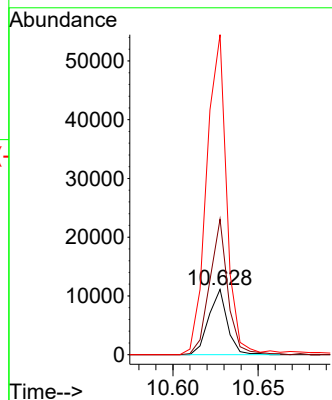
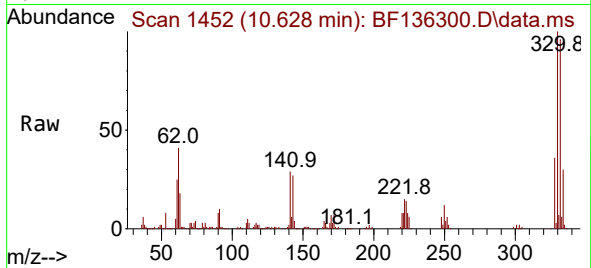




#67
4-Bromophenyl-phenylether
Concen: 2.480 ng
RT: 10.628 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

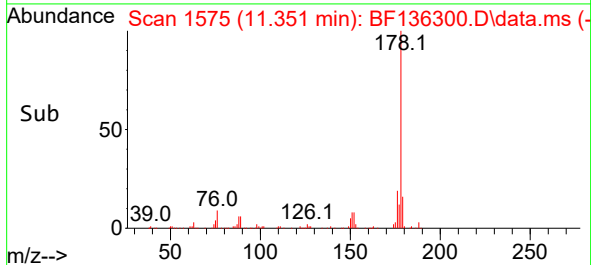
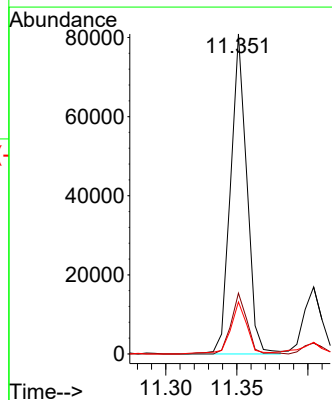
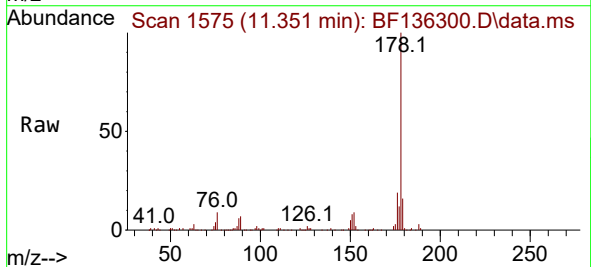
Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

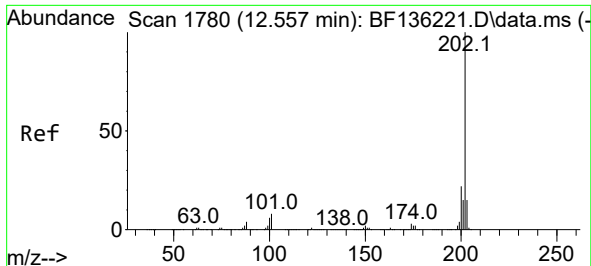
Tgt Ion:248 Resp: 8465
Ion Ratio Lower Upper
248 100
250 207.7 72.5 108.7#
141 490.2 60.8 91.2#



#71
Phenanthrene
Concen: 3.906 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

Tgt Ion:178 Resp: 64235
Ion Ratio Lower Upper
178 100
176 19.0 16.2 24.2
179 16.2 10.3 15.5#

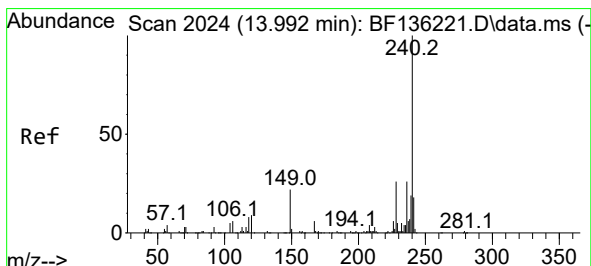
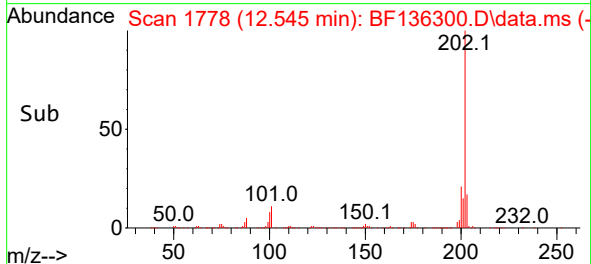
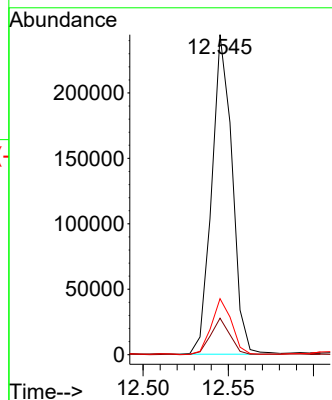
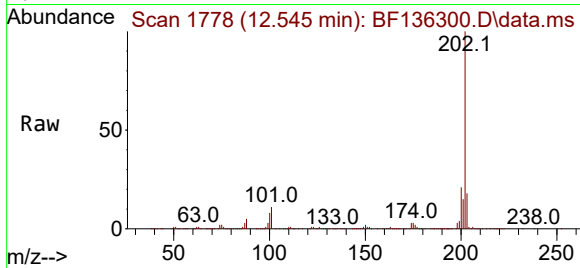




#75
Fluoranthene
Concen: 12.234 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

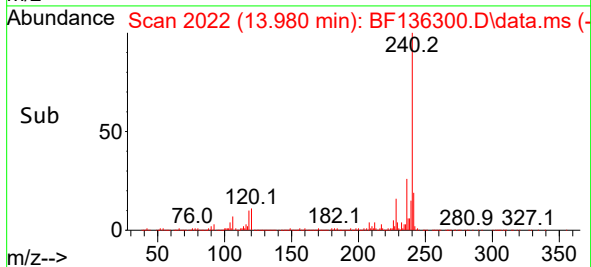
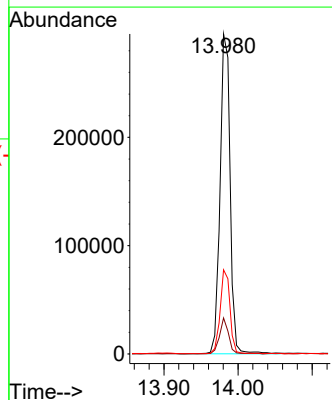
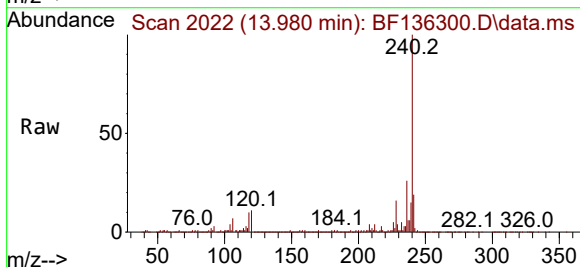
Instrument :
BNA_F
ClientSampleId :
710-BROOKLYN-AVE

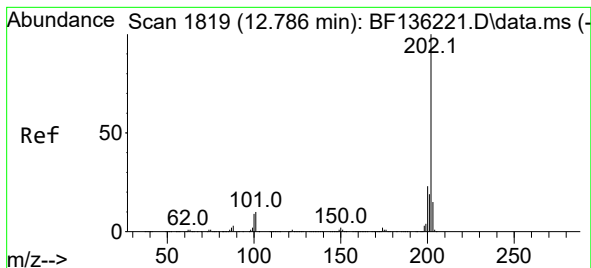
Tgt Ion:202 Resp: 204244
Ion Ratio Lower Upper
202 100
101 11.4 0.0 27.8
203 17.5 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136300.D
Acq: 30 Nov 2023 00:02

Tgt Ion:240 Resp: 277771
Ion Ratio Lower Upper
240 100
120 11.3 7.4 11.2#
236 26.3 21.1 31.7





#78

Pyrene

Concen: 8.084 ng

RT: 12.775 min Scan# 1817

Delta R.T. -0.012 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

Instrument :

BNA_F

ClientSampleId :

710-BROOKLYN-AVE

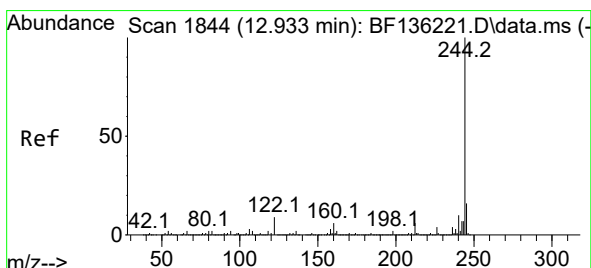
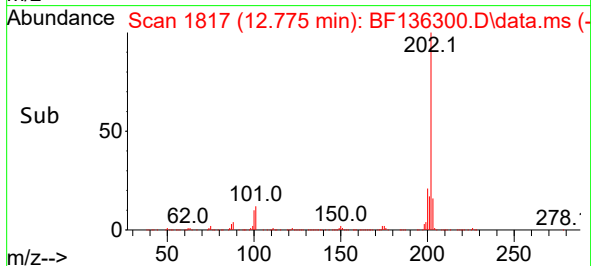
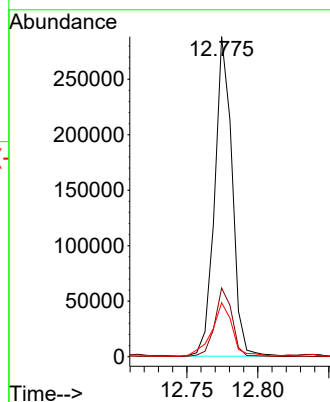
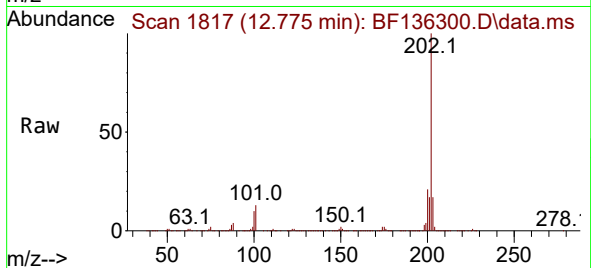
Tgt Ion:202 Resp: 245934

Ion Ratio Lower Upper

202 100

200 21.5 18.4 27.6

203 16.9 11.8 17.6



#79

Terphenyl-d14

Concen: 34.755 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

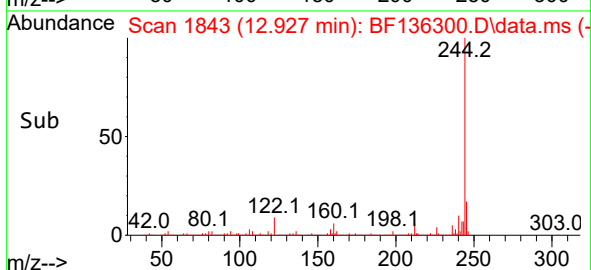
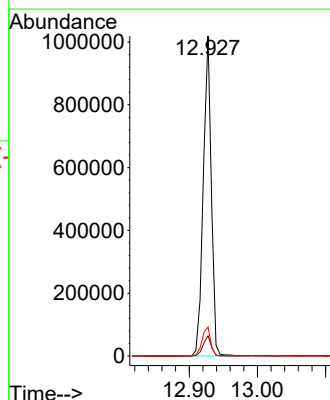
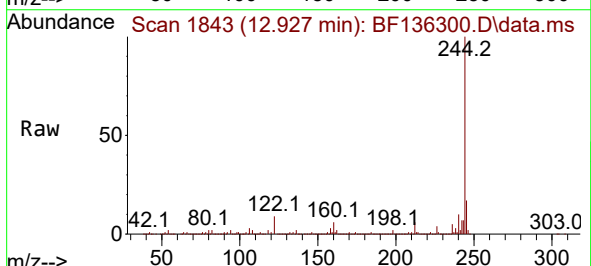
Tgt Ion:244 Resp: 836933

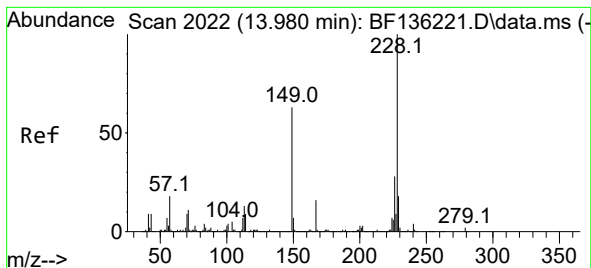
Ion Ratio Lower Upper

244 100

212 6.3 4.6 7.0

122 9.0 7.3 10.9





#81

Benzo(a)anthracene

Concen: 5.619 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

Instrument :

BNA_F

ClientSampleId :

710-BROOKLYN-AVE

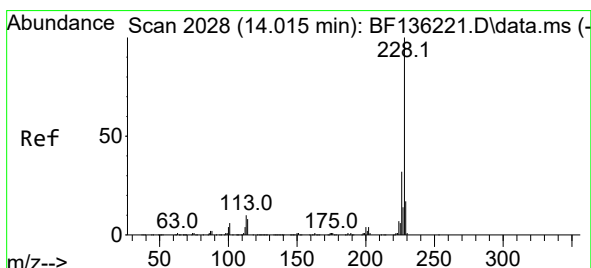
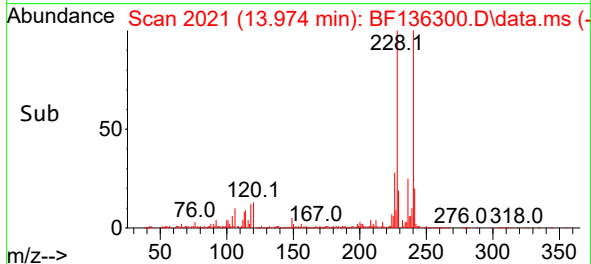
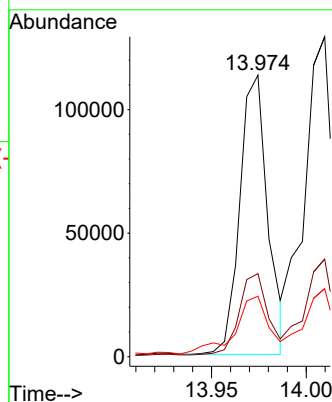
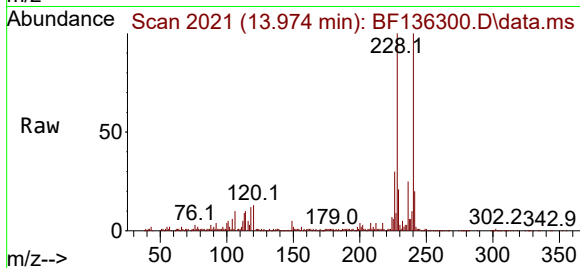
Tgt Ion:228 Resp: 115941

Ion Ratio Lower Upper

228 100

226 29.5 22.6 34.0

229 21.5 14.0 21.0#



#83

Chrysene

Concen: 6.885 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

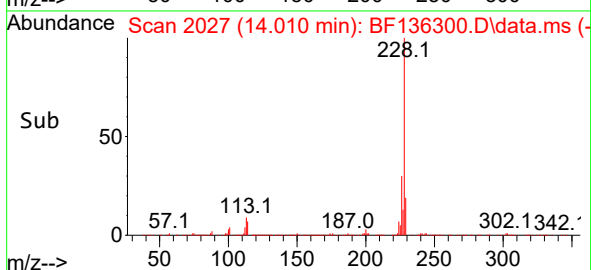
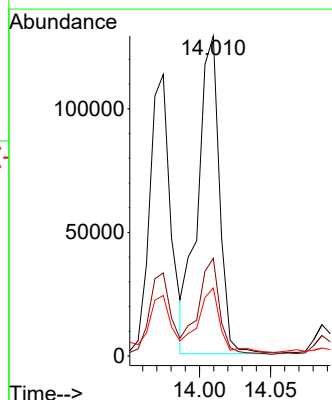
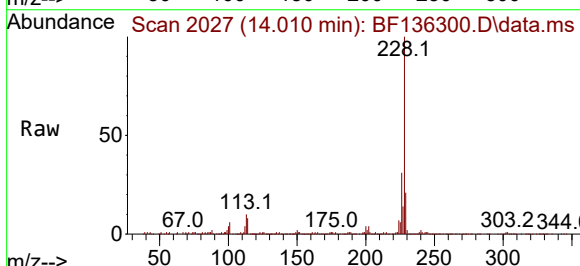
Tgt Ion:228 Resp: 137146

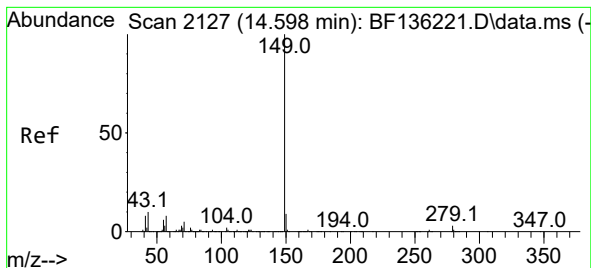
Ion Ratio Lower Upper

228 100

226 30.5 25.5 38.3

229 21.3 13.9 20.9#





#85

Di-n-octyl phthalate

Concen: 5.193 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

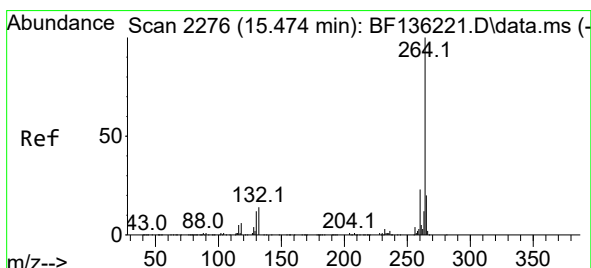
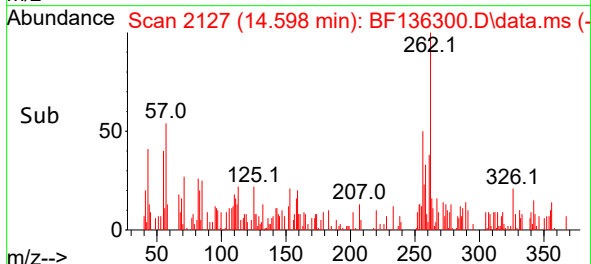
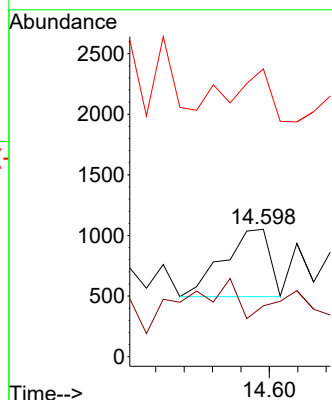
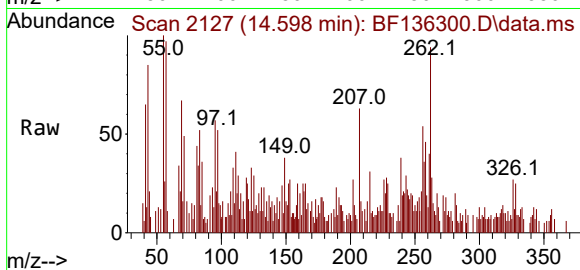
Instrument :

BNA_F

ClientSampleId :

710-BROOKLYN-AVE

Tgt Ion:149	Resp:	627
Ion Ratio	Lower	Upper
149	100	
167	34.9	1.0 1.6#
43	81.5	7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

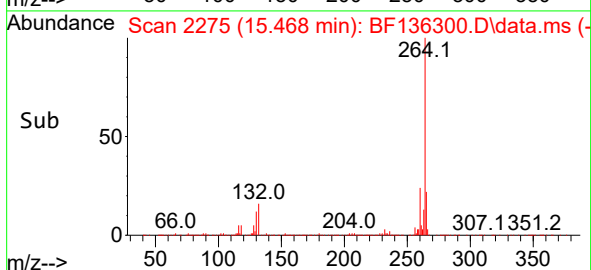
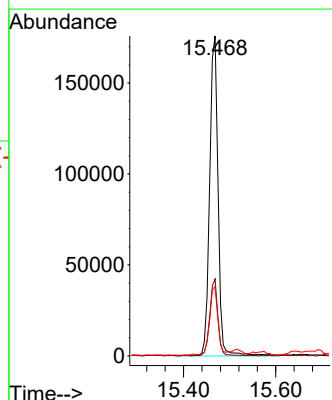
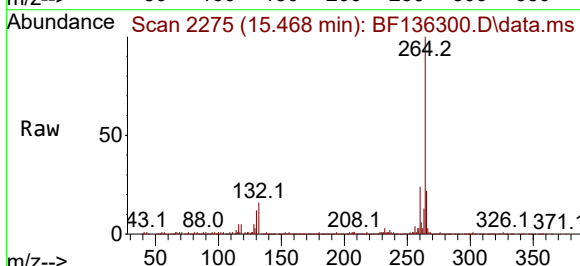
RT: 15.468 min Scan# 2275

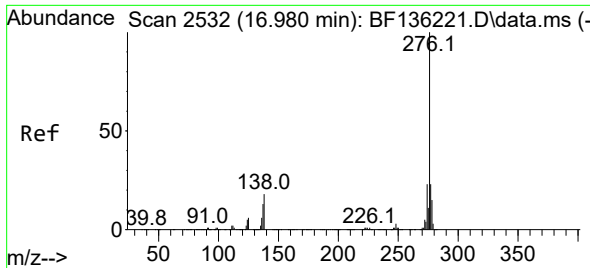
Delta R.T. -0.006 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

Tgt Ion:264	Resp:	226444
Ion Ratio	Lower	Upper
264	100	
260	24.1	18.6 27.8
265	21.7	15.7 23.5

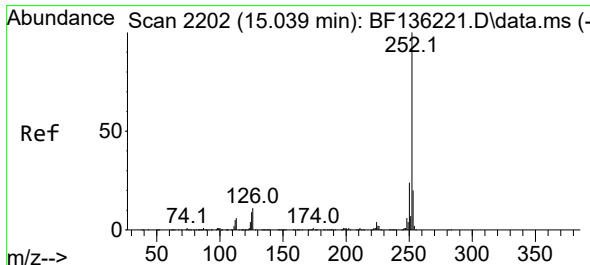
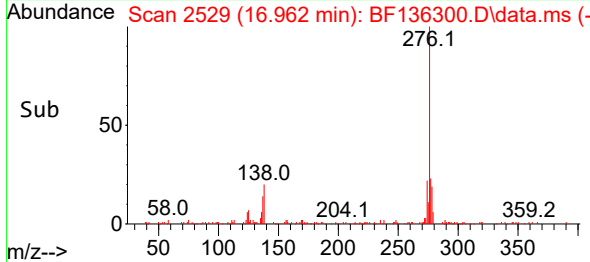
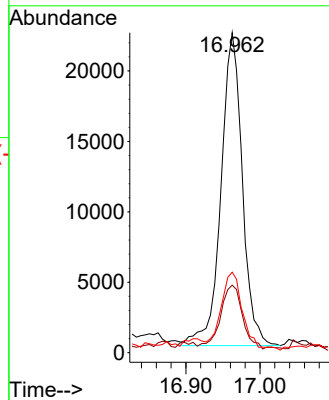
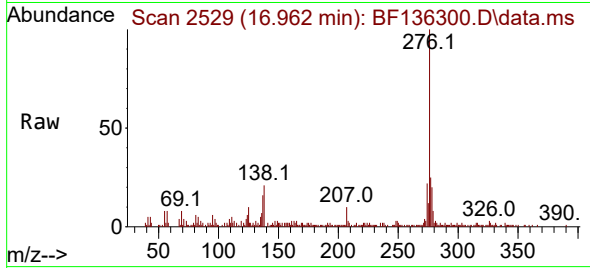




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.166 ng
 RT: 16.962 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF136300.D
 Acq: 30 Nov 2023 00:02

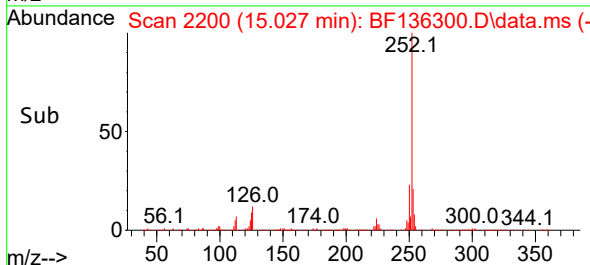
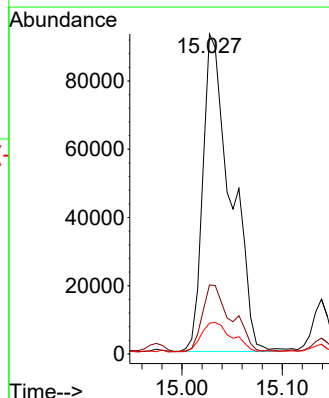
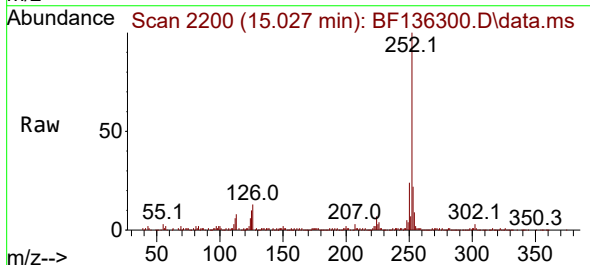
Instrument :
 BNA_F
 ClientSampleId :
 710-BROOKLYN-AVE

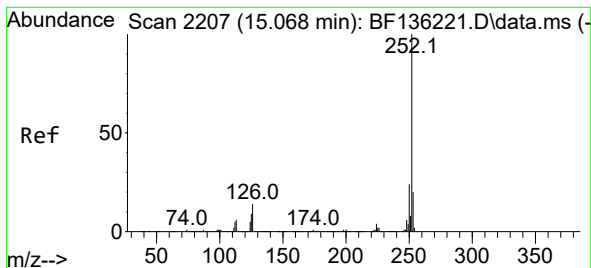
Tgt Ion:276 Resp: 44576
 Ion Ratio Lower Upper
 276 100
 138 19.8 17.7 26.5
 277 25.3 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 11.381 ng
 RT: 15.027 min Scan# 2200
 Delta R.T. -0.012 min
 Lab File: BF136300.D
 Acq: 30 Nov 2023 00:02

Tgt Ion:252 Resp: 180816
 Ion Ratio Lower Upper
 252 100
 253 21.5 16.2 24.2
 125 9.6 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 11.983 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

Instrument :

BNA_F

ClientSampleId :

710-BROOKLYN-AVE

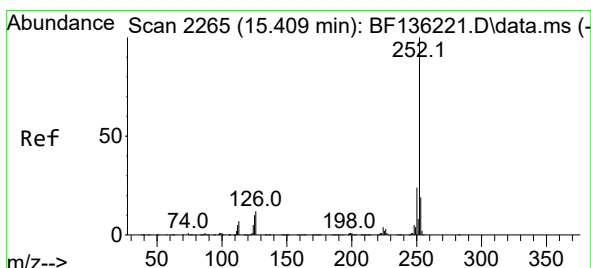
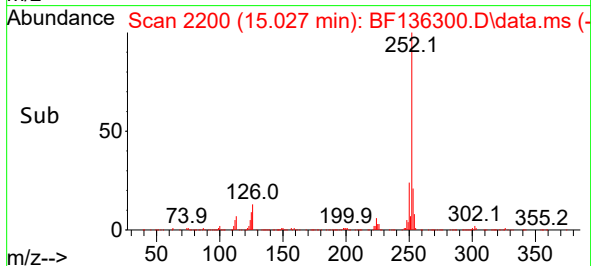
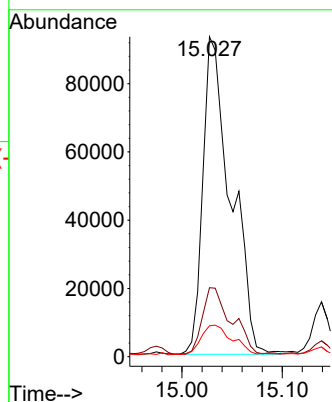
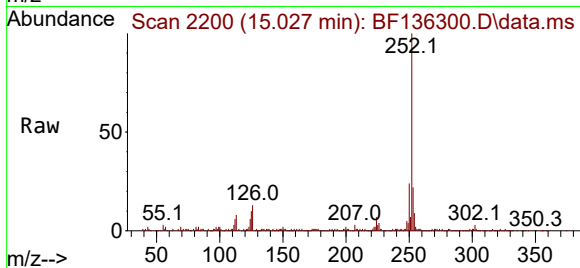
Tgt Ion:252 Resp: 180816

Ion Ratio Lower Upper

252 100

253 21.5 15.6 23.4

125 9.6 7.0 10.4



#90

Benzo(a)pyrene

Concen: 7.165 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.011 min

Lab File: BF136300.D

Acq: 30 Nov 2023 00:02

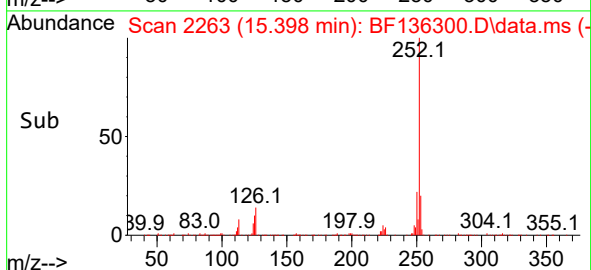
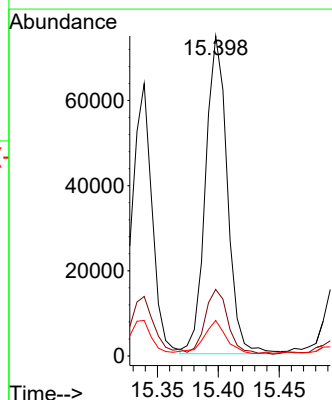
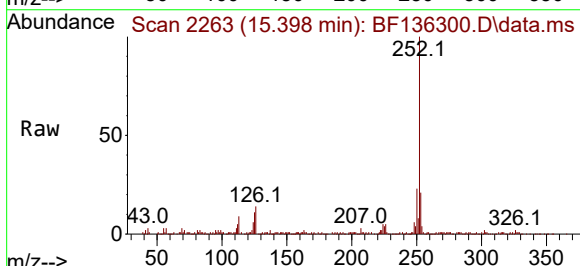
Tgt Ion:252 Resp: 93058

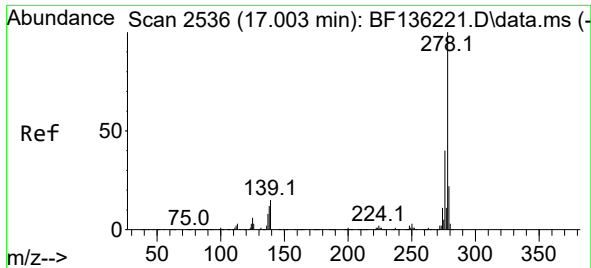
Ion Ratio Lower Upper

252 100

253 20.8 15.5 23.3

125 11.1 7.9 11.9

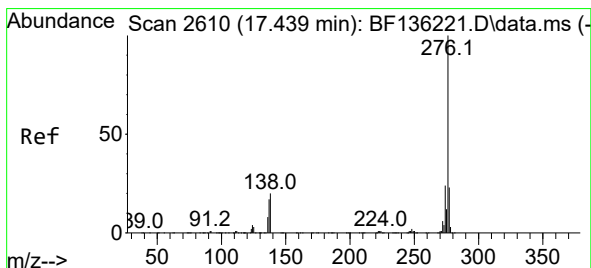
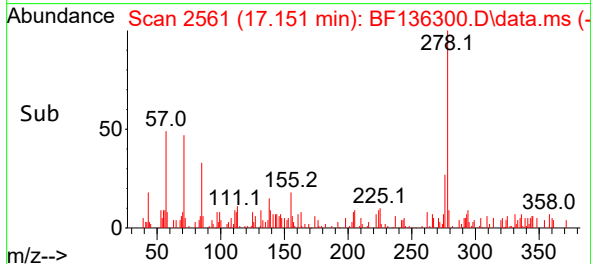
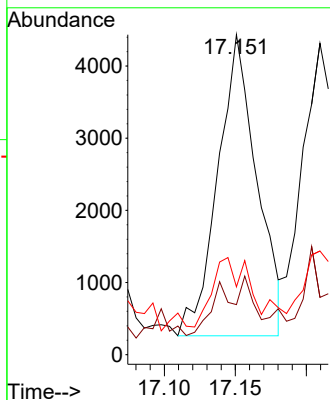
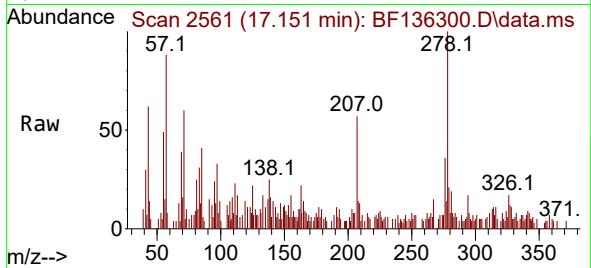




#91
 Dibenzo(a,h)anthracene
 Concen: 3.268 ng
 RT: 17.151 min Scan# 21
 Delta R.T. 0.148 min
 Lab File: BF136300.D
 Acq: 30 Nov 2023 00:02

Instrument :
 BNA_F
 ClientSampleId :
 710-BROOKLYN-AVE

Tgt Ion:	278	Resp:	7980
Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.7	17.5
279	21.2	17.8	26.8



#92
 Benzo(g,h,i)perylene
 Concen: 5.043 ng
 RT: 17.415 min Scan# 2606
 Delta R.T. -0.024 min
 Lab File: BF136300.D
 Acq: 30 Nov 2023 00:02

Tgt Ion:	276	Resp:	44602
Ion	Ratio	Lower	Upper
276	100		
277	21.2	18.6	27.8
138	22.9	15.8	23.8

