

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136259.D
 Acq On : 28 Nov 2023 20:33
 Operator : CG\JU
 Sample : 05505-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-D

Quant Time: Nov 29 00:49:24 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)

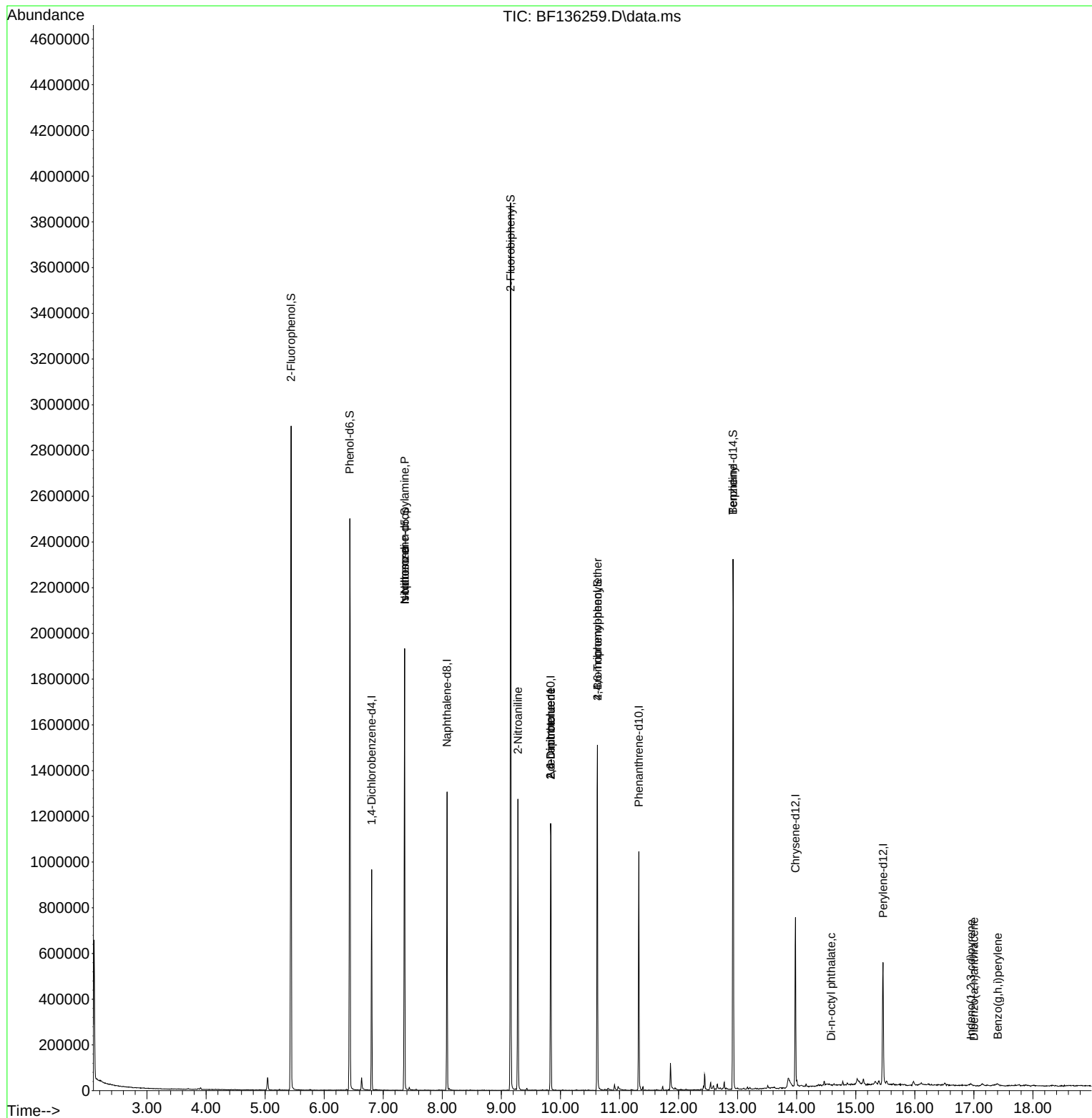
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	120947	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	508280	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	231921	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	341187	20.000	ng	0.00
76) Chrysene-d12	13.980	240	233178	20.000	ng	-0.01
86) Perylene-d12	15.462	264	247918	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	716491	82.453	ng	0.00
7) Phenol-d6	6.433	99	894702	82.345	ng	-0.01
23) Nitrobenzene-d5	7.363	82	547984	56.971	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	184614	65.110	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1134418	62.478	ng	-0.01
79) Terphenyl-d14	12.921	244	844112	41.757	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	71990	11.078	ng	# 74
25) Isophorone	7.363	82	547973	31.595	ng	# 68
48) 2-Nitroaniline	9.280	65	11304	2.726	ng	# 15
51) 2,6-Dinitrotoluene	9.833	165	29186	8.150	ng	# 25
57) 2,4-Dinitrotoluene	9.833	165	29186	6.101	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	11033	2.772	ng	# 1
77) Benzidine	12.921	184	10086	2.631	ng	# 94
85) Di-n-octyl phthalate	14.586	149	420	5.187	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.950	276	5515	2.960	ng	# 88
91) Dibenzo(a,h)anthracene	17.003	278	122	2.721	ng	# 4
92) Benzo(g,h,i)perylene	17.403	276	5891	2.280	ng	96

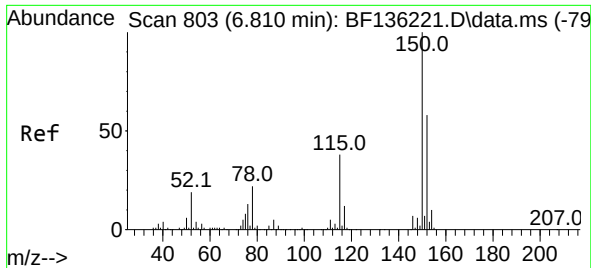
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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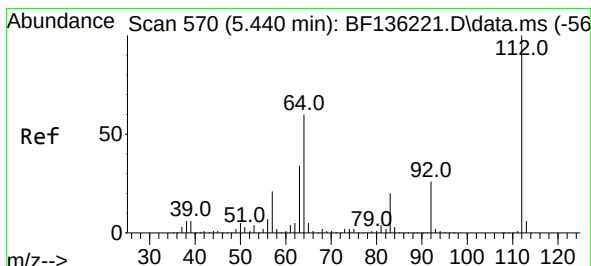
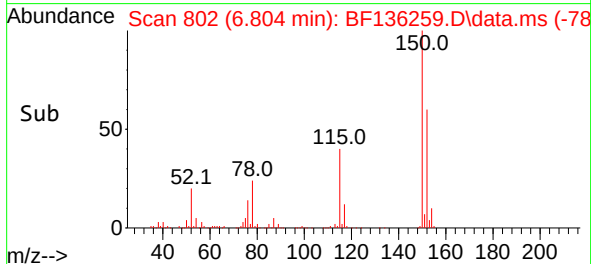
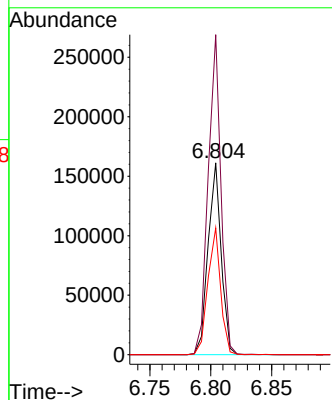
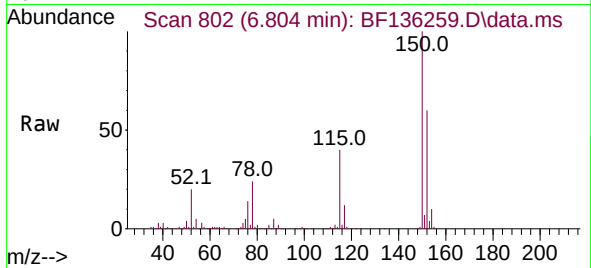




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

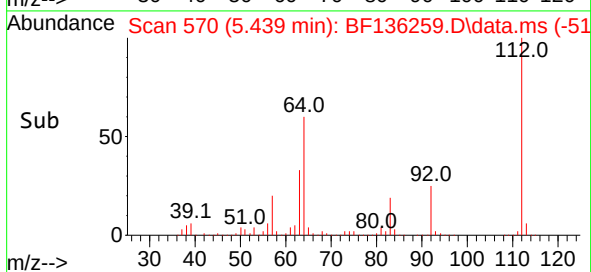
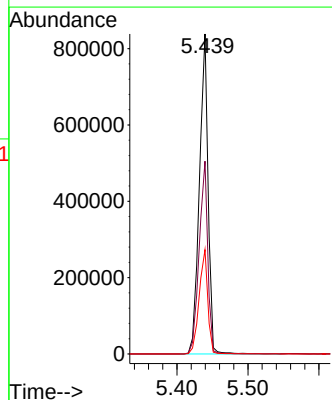
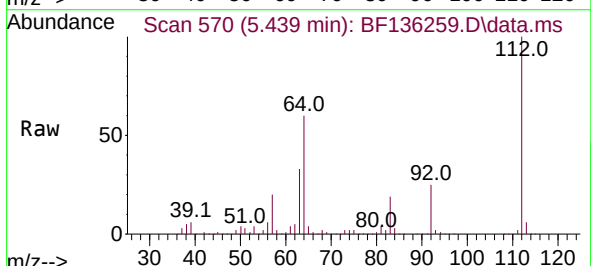
Instrument :
BNA_F
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TP-D

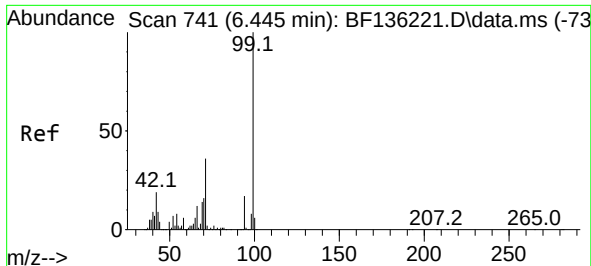
Tgt Ion:152 Resp: 120947
Ion Ratio Lower Upper
152 100
150 166.8 137.8 206.8
115 66.0 52.7 79.1



#5
2-Fluorophenol
Concen: 82.453 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion:112 Resp: 716491
Ion Ratio Lower Upper
112 100
64 60.3 48.2 72.4
63 32.6 27.0 40.6

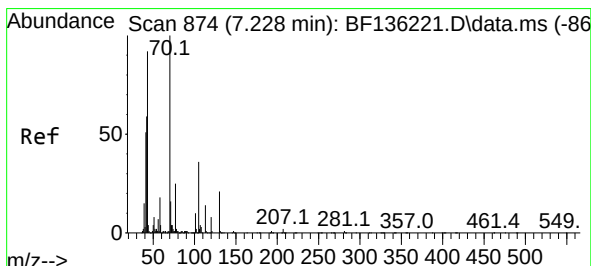
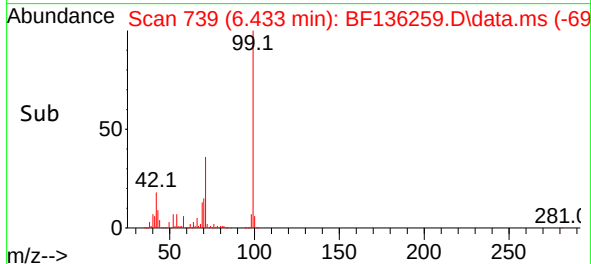
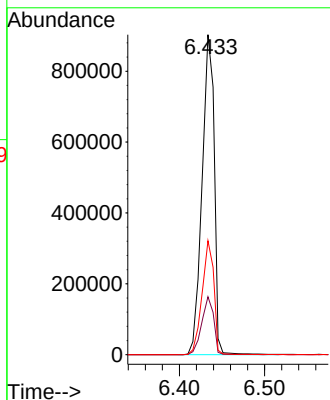
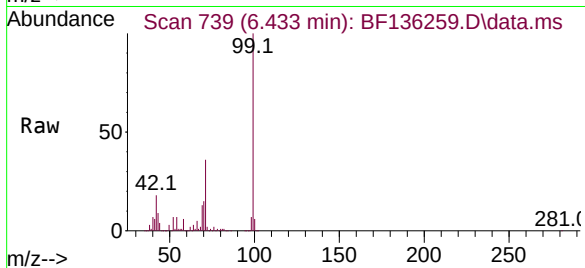




#7
Phenol-d6
Concen: 82.345 ng
RT: 6.433 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

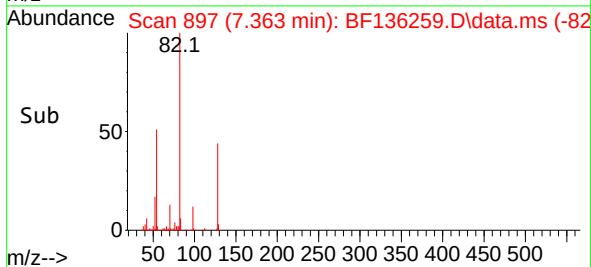
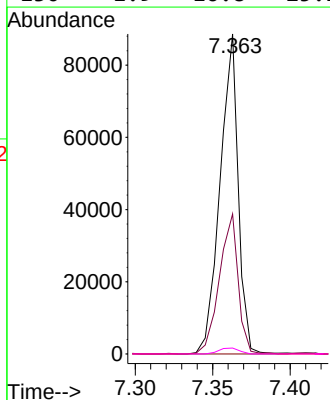
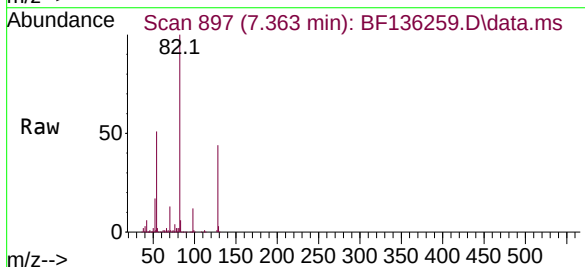
Instrument :
BNA_F
ClientSampleId :
TP-D

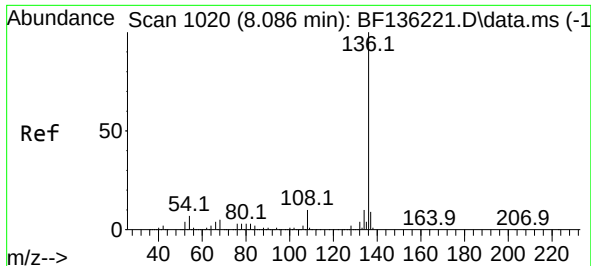
Tgt Ion: 99 Resp: 894702
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.6
71 35.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.078 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion: 70 Resp: 71990
Ion Ratio Lower Upper
70 100
42 43.8 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#

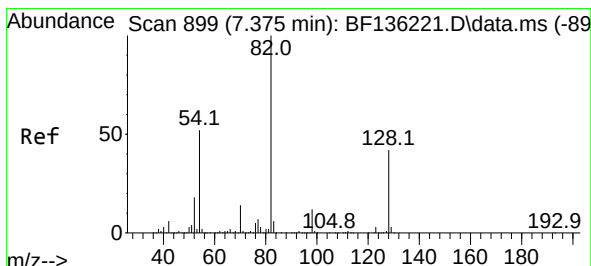
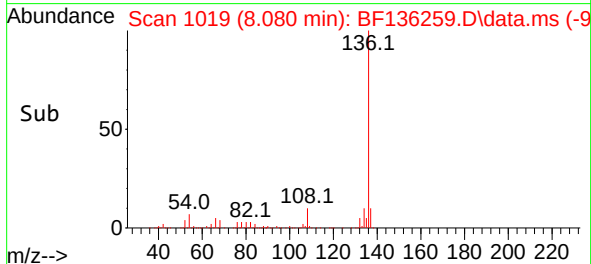
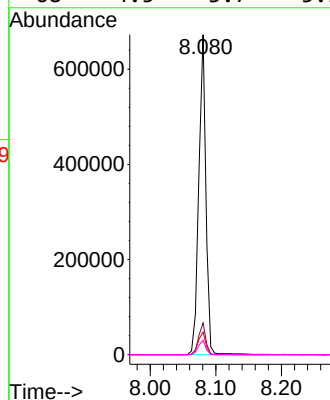
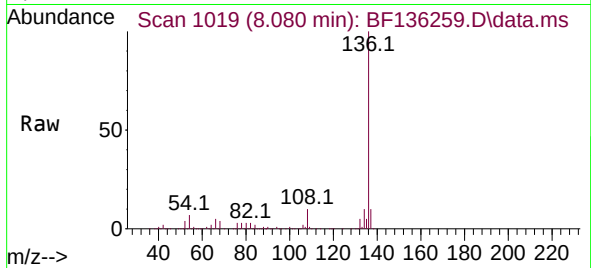




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

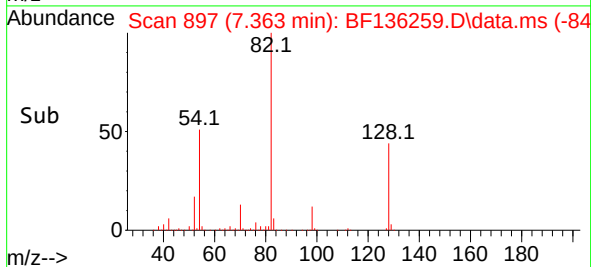
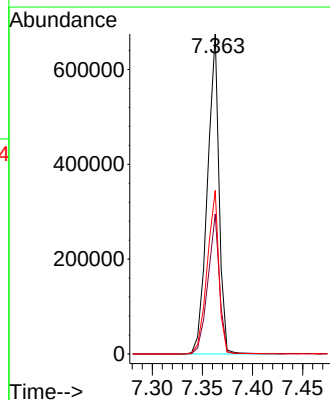
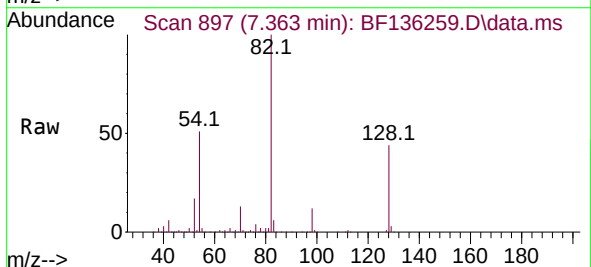
Instrument :
BNA_F
ClientSampleId :
TP-D

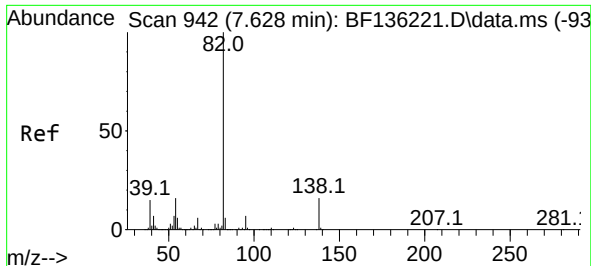
Tgt Ion:136 Resp: 508280
Ion Ratio Lower Upper
136 100
137 9.9 7.4 11.2
54 7.1 5.5 8.3
68 4.5 3.7 5.5



#23
Nitrobenzene-d5
Concen: 56.971 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion: 82 Resp: 547984
Ion Ratio Lower Upper
82 100
128 43.7 33.4 50.2
54 51.1 41.7 62.5

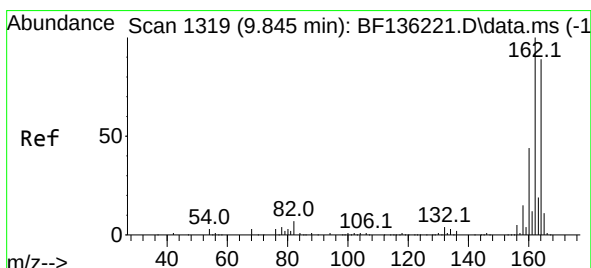
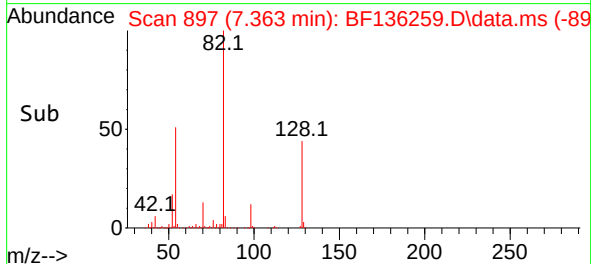
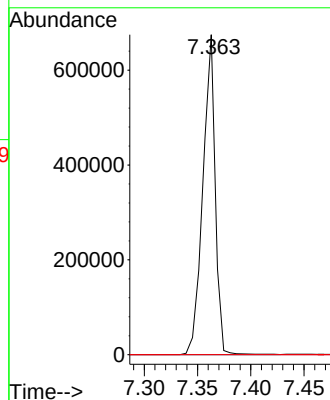
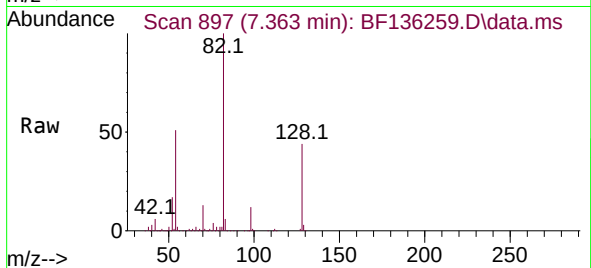




#25
Isophorone
Concen: 31.595 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

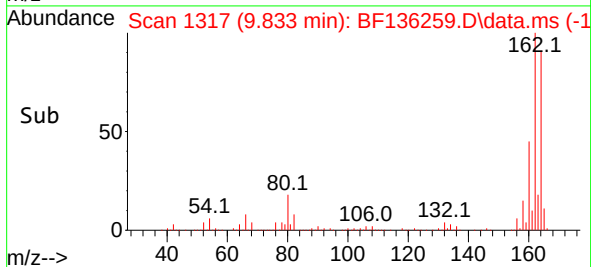
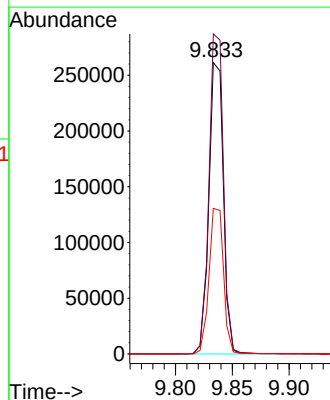
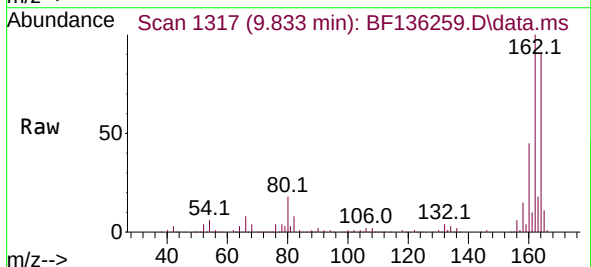
Instrument :
BNA_F
ClientSampleId :
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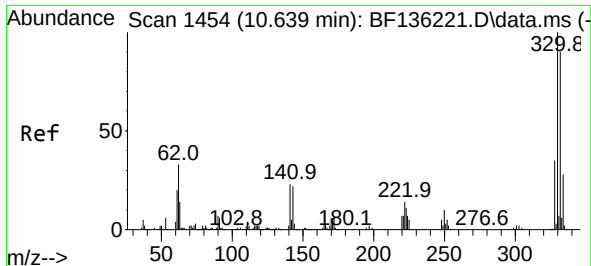
Tgt Ion: 82 Resp: 547973
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion:164 Resp: 231921
Ion Ratio Lower Upper
164 100
162 109.8 89.5 134.3
160 49.9 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 65.110 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136259.D

Acq: 28 Nov 2023 20:33

Instrument :

BNA_F

ClientSampleId :

TP-D

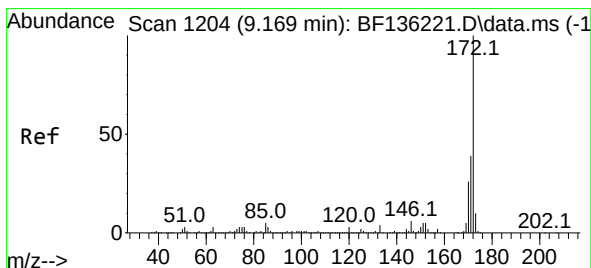
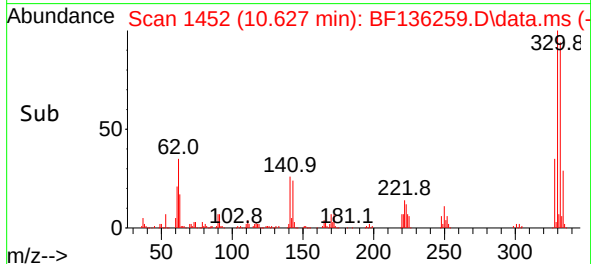
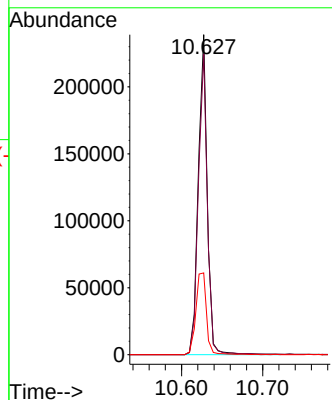
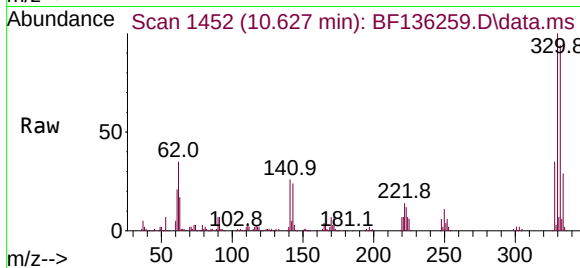
Tgt Ion:330 Resp: 184614

Ion Ratio Lower Upper

330 100

332 94.5 73.0 109.6

141 30.1 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 62.478 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136259.D

Acq: 28 Nov 2023 20:33

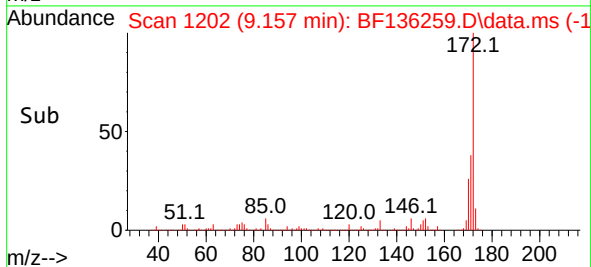
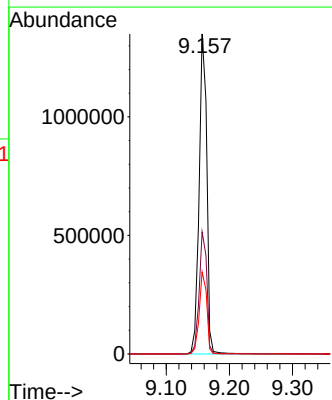
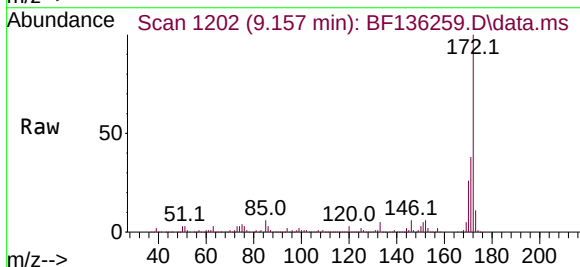
Tgt Ion:172 Resp: 1134418

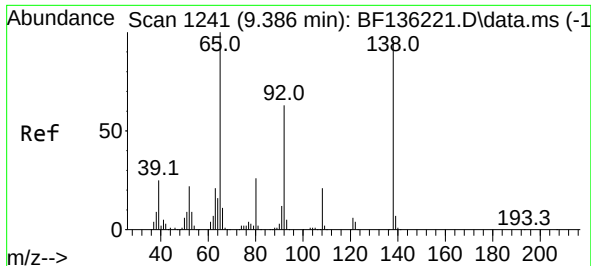
Ion Ratio Lower Upper

172 100

171 38.1 31.5 47.3

170 25.6 20.8 31.2

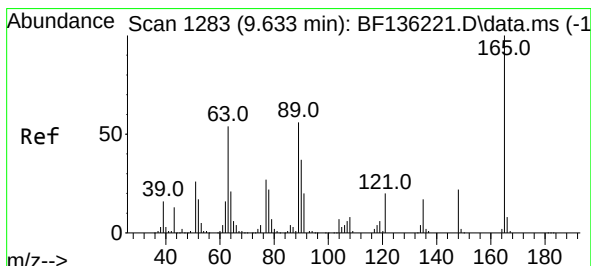
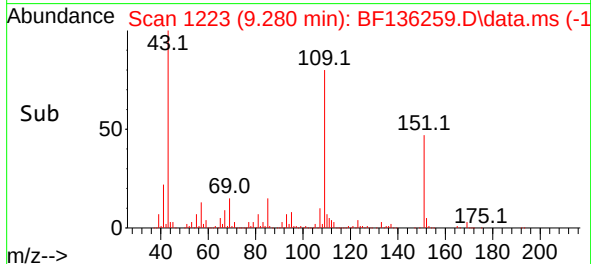
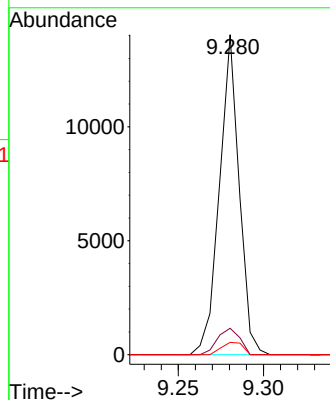
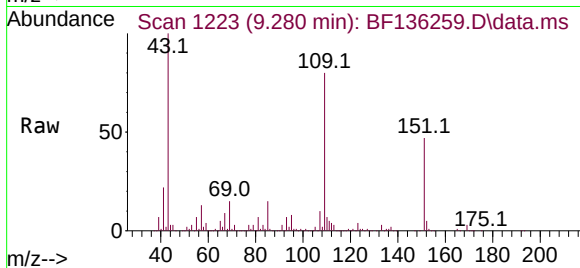




#48
2-Nitroaniline
Concen: 2.726 ng
RT: 9.280 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

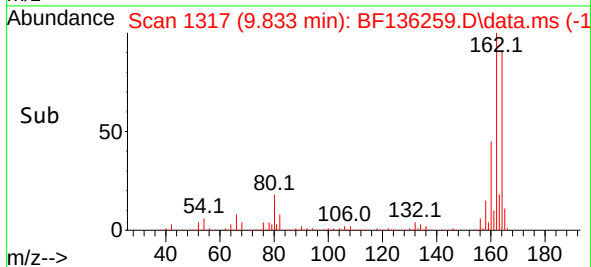
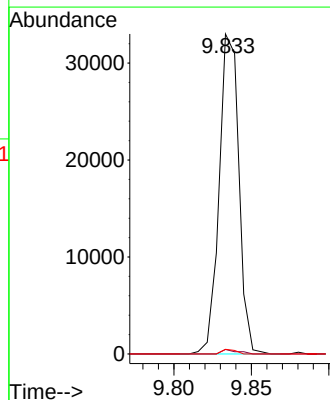
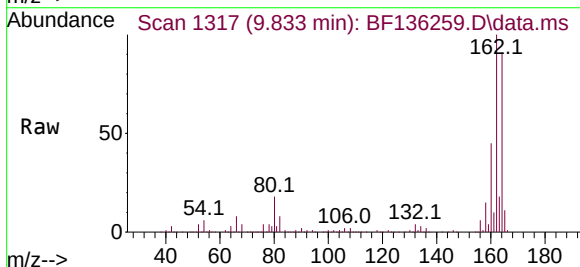
Instrument :
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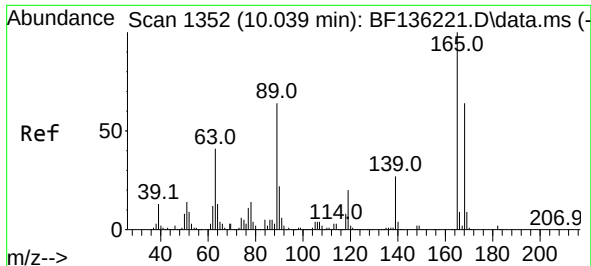
Tgt Ion: 65 Resp: 11304
Ion Ratio Lower Upper
65 100
92 8.2 50.6 75.8#
138 3.9 76.7 115.1#



#51
2,6-Dinitrotoluene
Concen: 8.150 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.200 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion:165 Resp: 29186
Ion Ratio Lower Upper
165 100
63 1.4 46.2 69.2#
89 1.4 44.9 67.3#

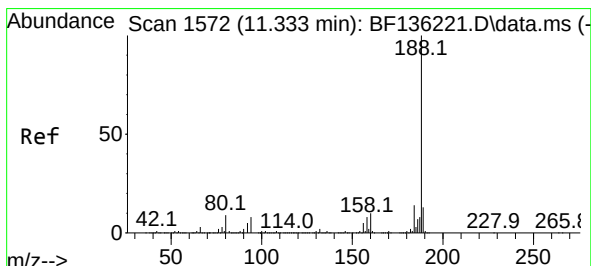
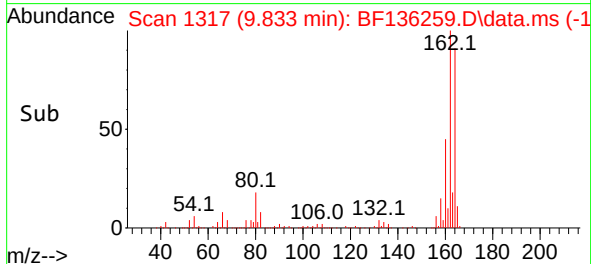
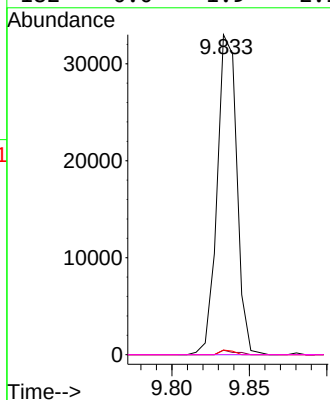
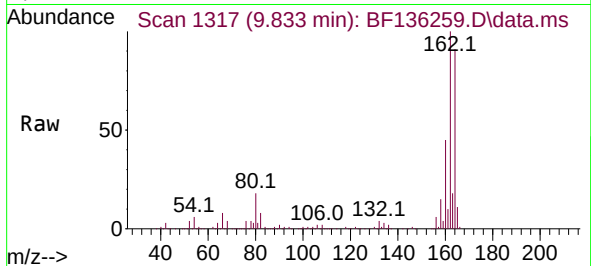




#57
2,4-Dinitrotoluene
Concen: 6.101 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

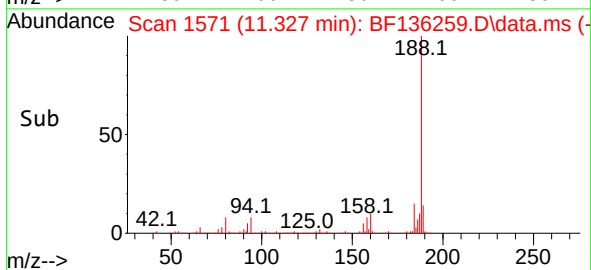
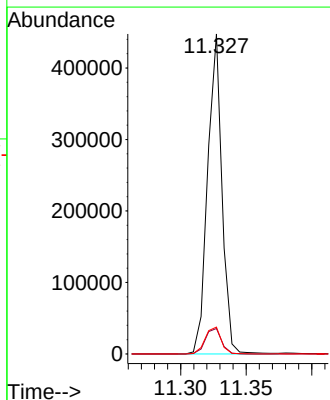
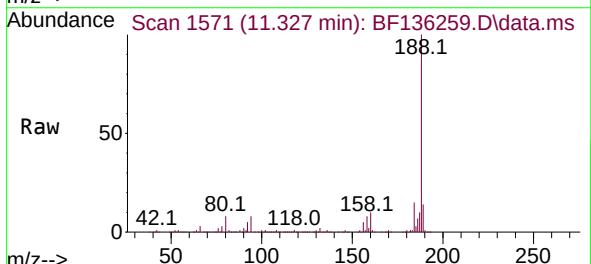
Instrument :
BNA_F
ClientSampleId :
TP-D

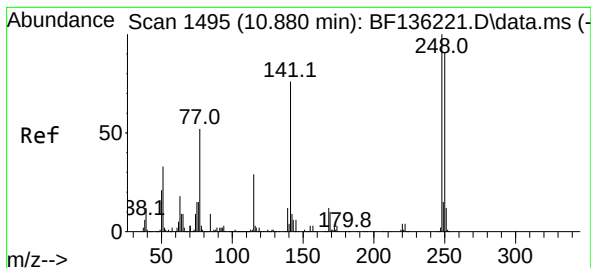
Tgt Ion:165	Resp:	29186
Ion Ratio	Lower	Upper
165	100	
63	1.4	33.0 49.4#
89	1.4	51.5 77.3#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion:188	Resp:	341187
Ion Ratio	Lower	Upper
188	100	
94	7.9	6.7 10.1
80	8.4	7.2 10.8

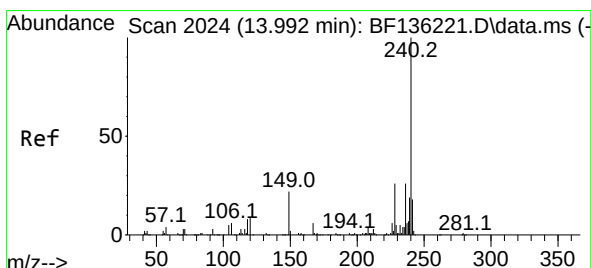
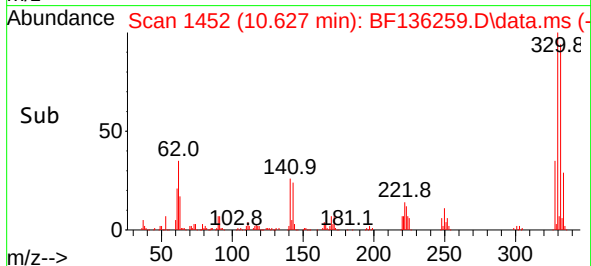
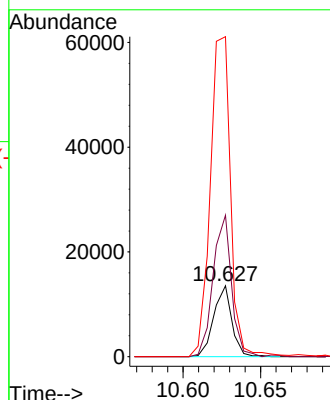
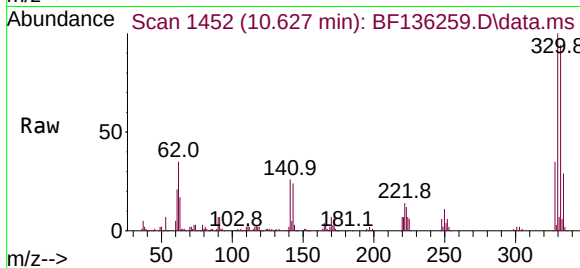




#67
4-Bromophenyl-phenylether
Concen: 2.772 ng
RT: 10.627 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

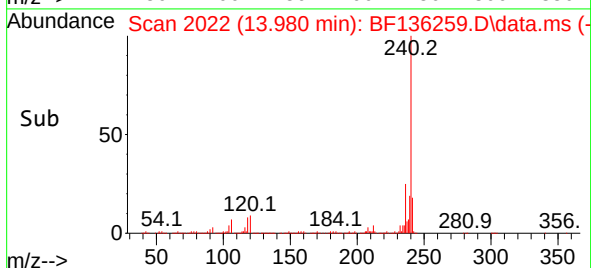
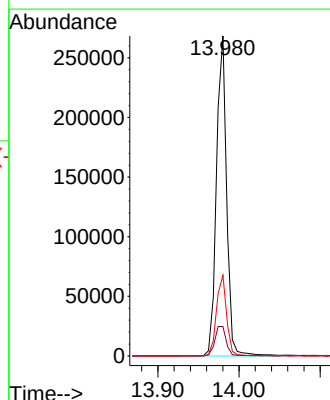
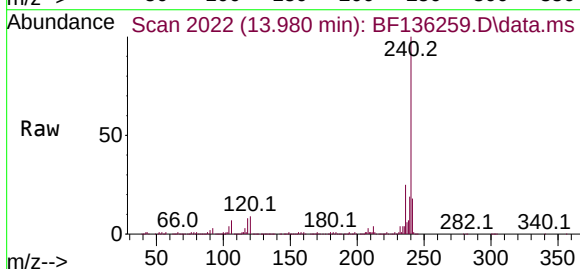
Instrument :
BNA_F
ClientSampleId :
TP-D

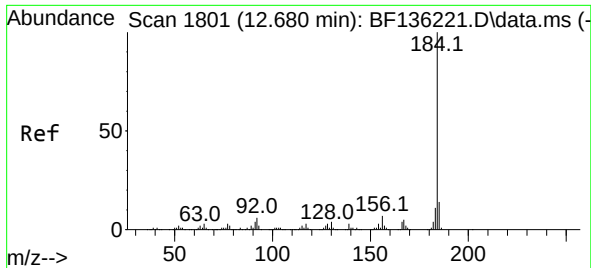
Tgt Ion:248 Resp: 11033
Ion Ratio Lower Upper
248 100
250 199.6 72.5 108.7#
141 451.6 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion:240 Resp: 233178
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.2
236 25.3 21.1 31.7

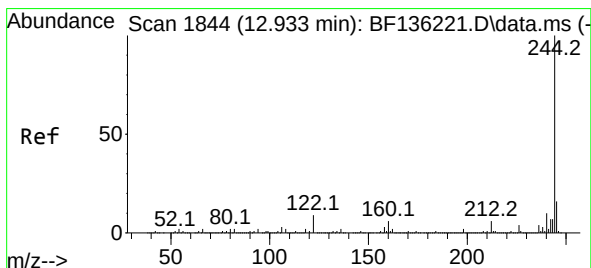
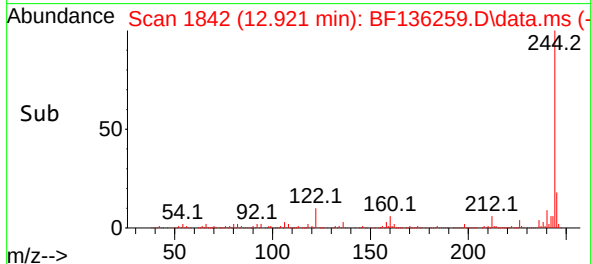
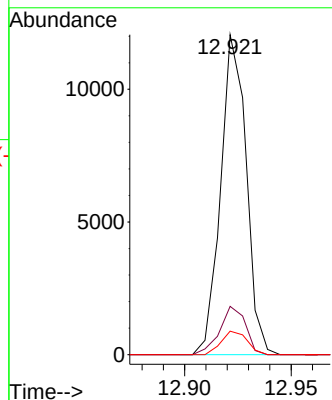
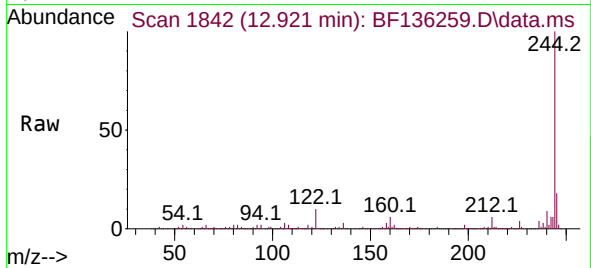




#77
Benzidine
Concen: 2.631 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.241 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

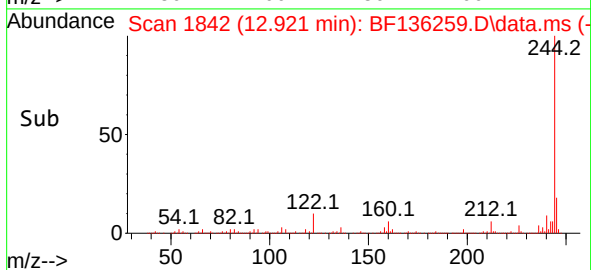
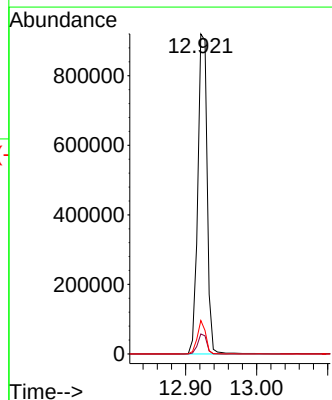
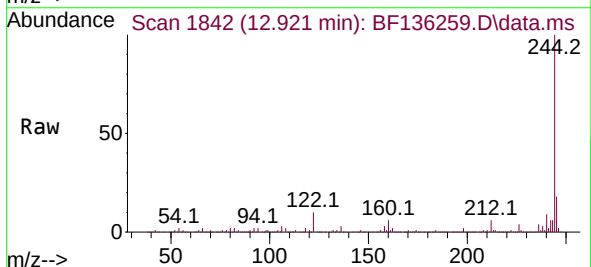
Instrument :
BNA_F
ClientSampleId :
TP-D

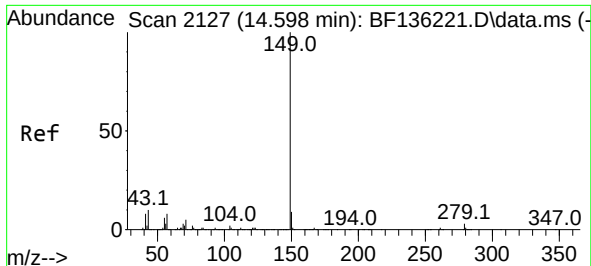
Tgt Ion:184 Resp: 10086
Ion Ratio Lower Upper
184 100
185 15.1 11.0 16.6
183 7.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 41.757 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion:244 Resp: 844112
Ion Ratio Lower Upper
244 100
212 6.2 4.6 7.0
122 10.4 7.3 10.9

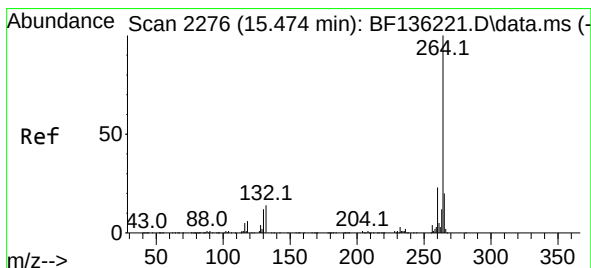
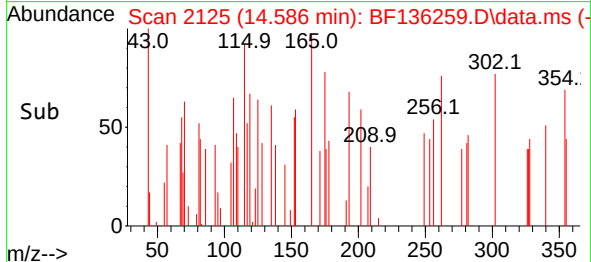
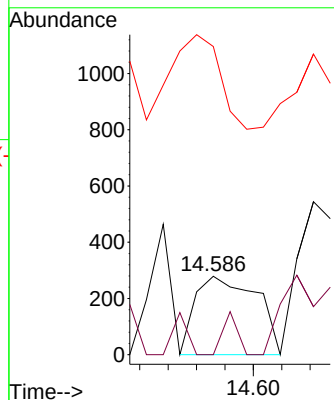
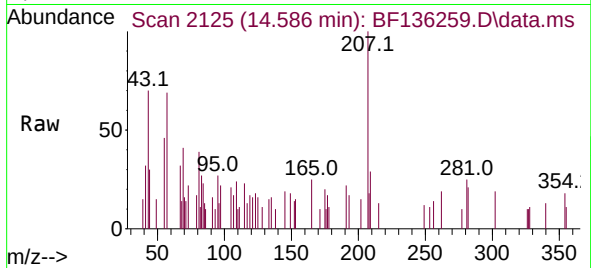




#85
Di-n-octyl phthalate
Concen: 5.187 ng
RT: 14.586 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

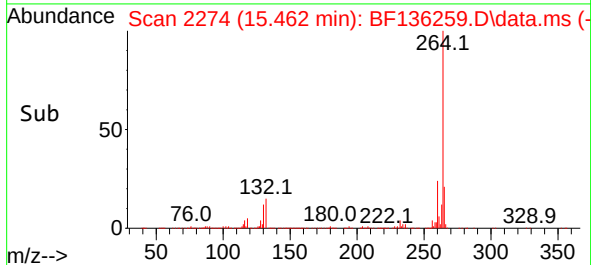
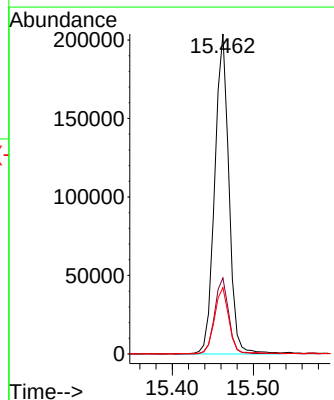
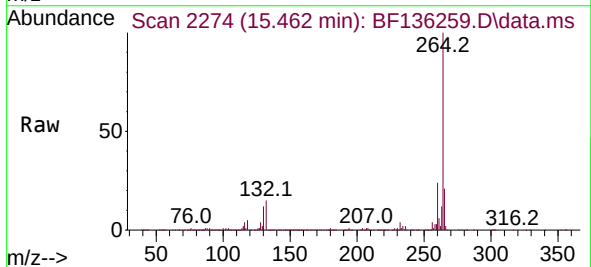
Instrument :
BNA_F
ClientSampleId :
TP-D

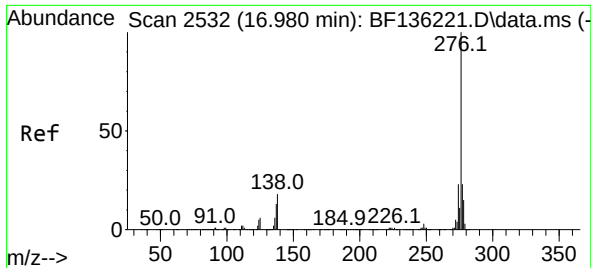
Tgt Ion:149 Resp: 420
Ion Ratio Lower Upper
149 100
167 12.9 1.0 1.6#
43 245.7 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion:264 Resp: 247918
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 20.7 15.7 23.5

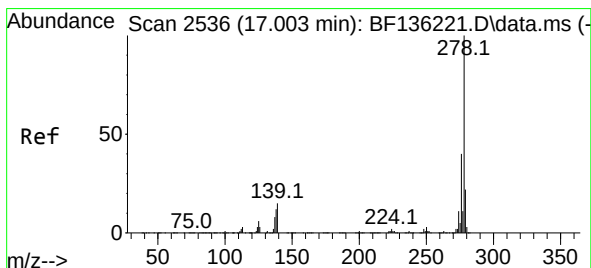
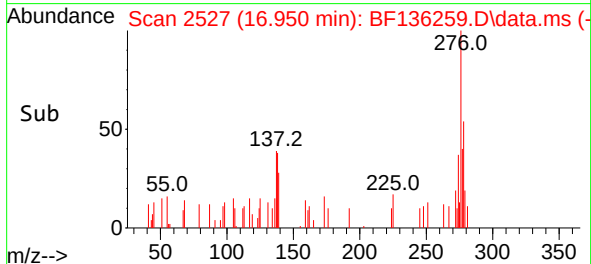
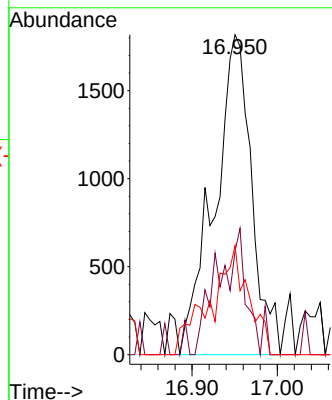
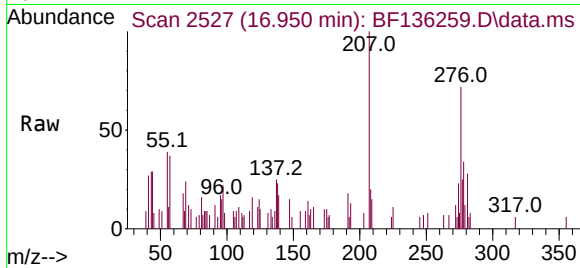




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.960 ng
 RT: 16.950 min Scan# 2527
 Delta R.T. -0.030 min
 Lab File: BF136259.D
 Acq: 28 Nov 2023 20:33

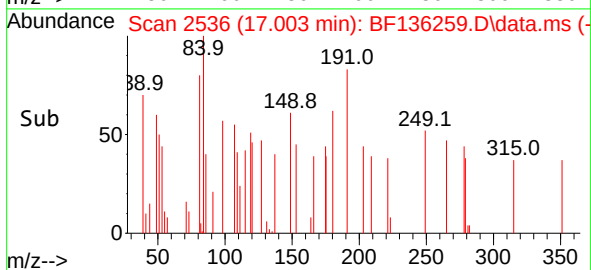
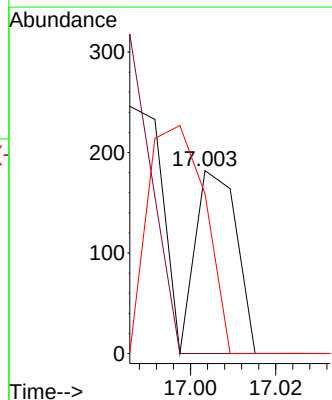
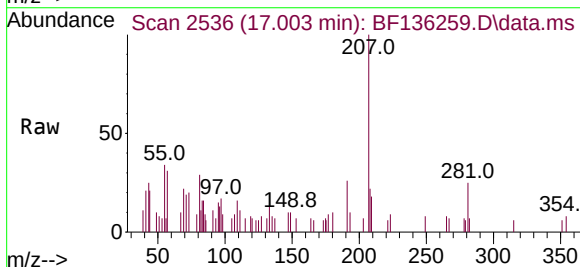
Instrument :
 BNA_F
 ClientSampleId :
 TP-D

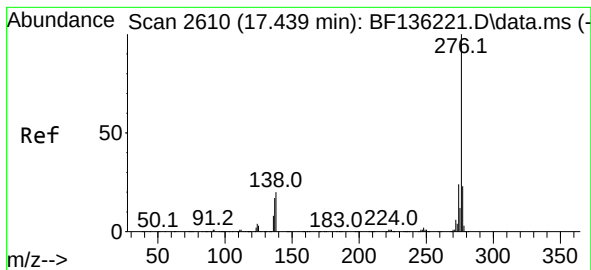
Tgt Ion:276 Resp: 5515
 Ion Ratio Lower Upper
 276 100
 138 13.1 17.7 26.5#
 277 27.1 19.6 29.4



#91
 Dibenzo(a,h)anthracene
 Concen: 2.721 ng
 RT: 17.003 min Scan# 2536
 Delta R.T. 0.000 min
 Lab File: BF136259.D
 Acq: 28 Nov 2023 20:33

Tgt Ion:278 Resp: 122
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.7 17.5#
 279 87.4 17.8 26.8#





#92

Benzo(g,h,i)perylene

Concen: 2.280 ng

RT: 17.403 min Scan# 20

Delta R.T. -0.036 min

Lab File: BF136259.D

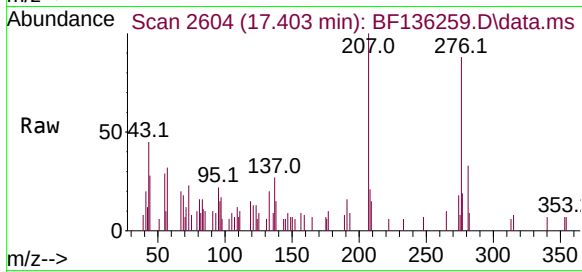
Acq: 28 Nov 2023 20:33

Instrument :

BNA_F

ClientSampleId :

TP-D



Tgt Ion:276 Resp: 5891

Ion Ratio Lower Upper

276 100

277 21.8 18.6 27.8

138 17.0 15.8 23.8

