

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136237.D
 Acq On : 27 Nov 2023 23:10
 Operator : CG\JU
 Sample : 05449-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SED-02

Quant Time: Nov 28 04:13:49 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)

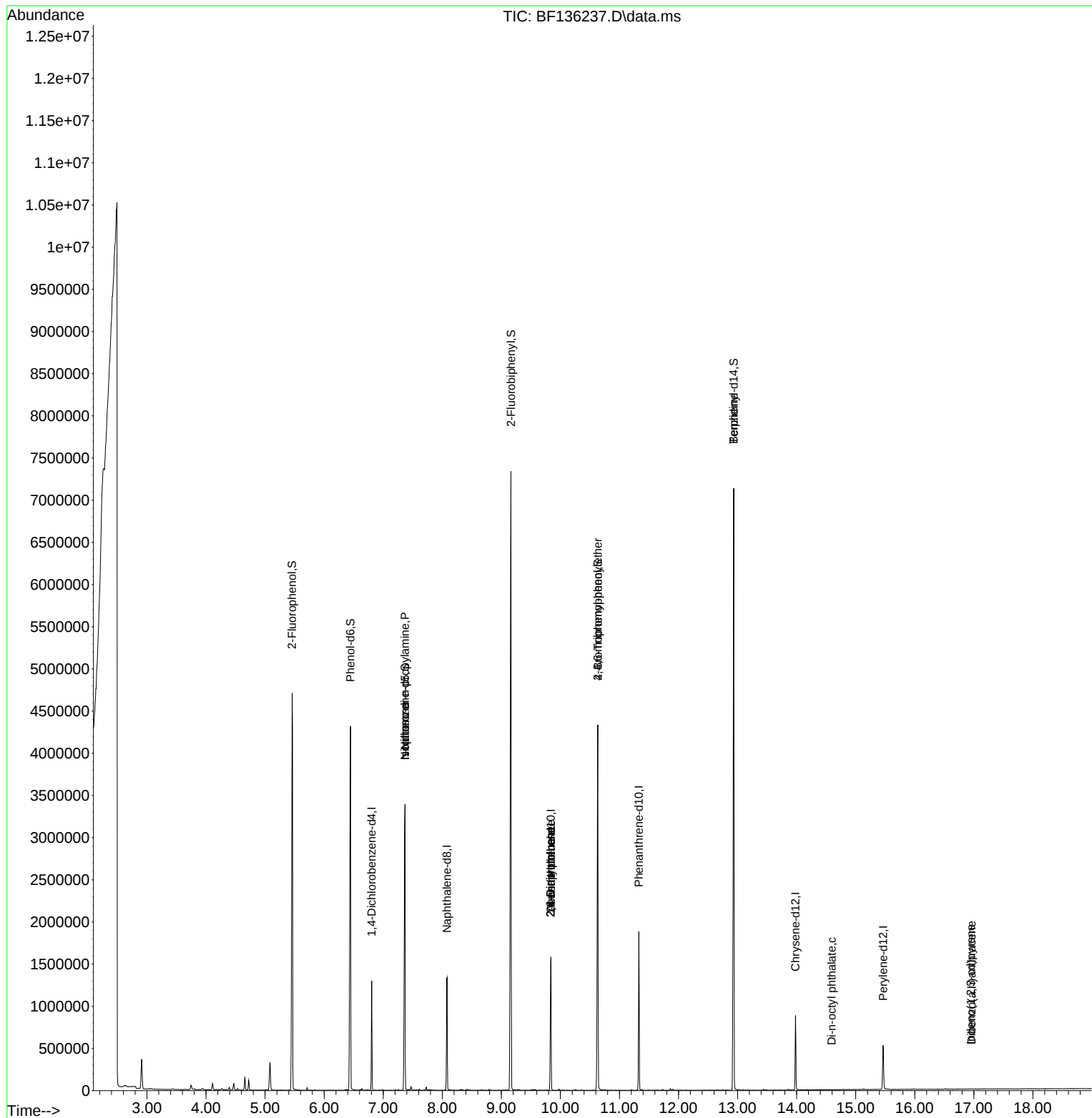
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	156345	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	663286	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	339815	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	612923	20.000	ng	0.00
76) Chrysene-d12	13.980	240	283336	20.000	ng	-0.01
86) Perylene-d12	15.463	264	247923	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1500007	133.537	ng	0.02
7) Phenol-d6	6.445	99	1662309	118.354	ng	0.00
23) Nitrobenzene-d5	7.369	82	1254417	99.938	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	607278	146.173	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2573866	96.747	ng	0.00
79) Terphenyl-d14	12.933	244	2681502	109.167	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	164470	19.579	ng	# 75
25) Isophorone	7.369	82	1252532	55.341	ng	# 68
50) Dimethylphthalate	9.839	163	72314	2.816	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	41551	7.919	ng	# 25
57) 2,4-Dinitrotoluene	9.833	165	41551	5.928	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	34863	4.875	ng	# 1
77) Benzidine	12.933	184	27216	5.843	ng	# 95
85) Di-n-octyl phthalate	14.592	149	400	5.181	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.951	276	659	2.713	ng	# 35
91) Dibenzo(a,h)anthracene	16.962	278	2273	2.858	ng	# 61

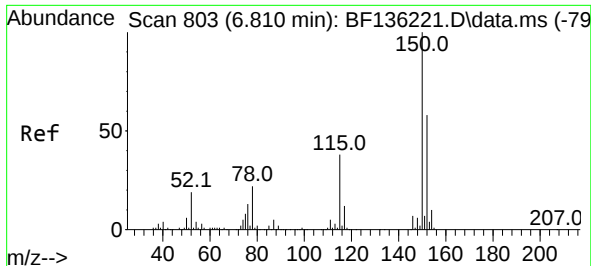
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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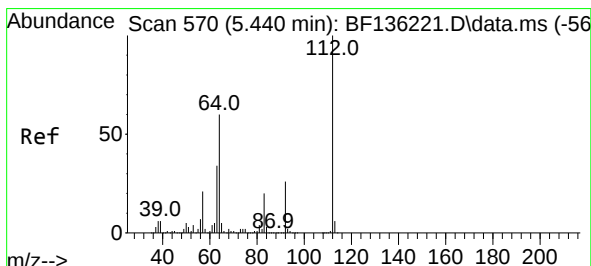
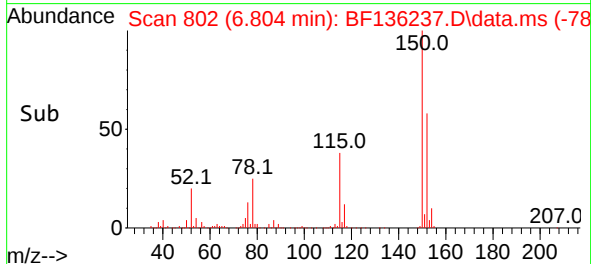
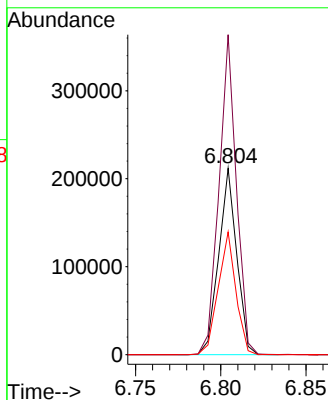
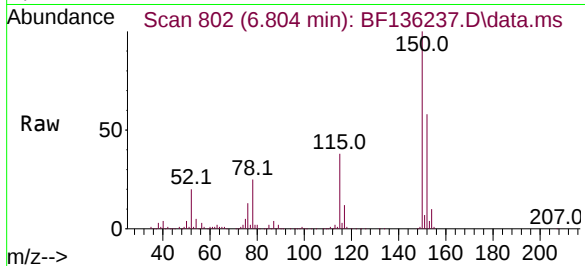




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

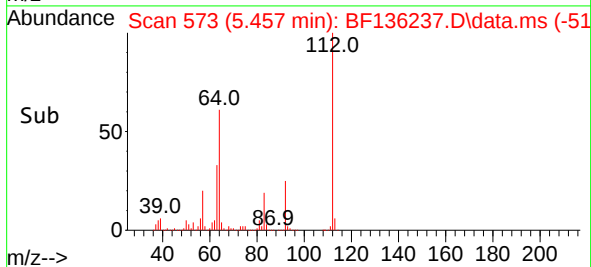
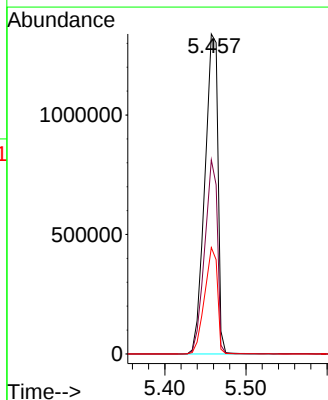
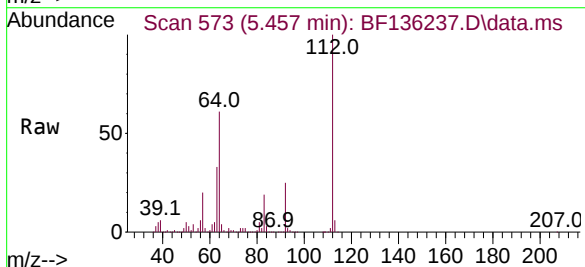
Instrument :
BNA_F
ClientSampleId :
WC-SED-02

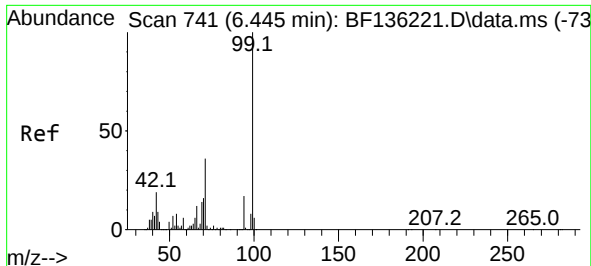
Tgt Ion:152 Resp: 156345
Ion Ratio Lower Upper
152 100
150 171.7 137.8 206.8
115 65.9 52.7 79.1



#5
2-Fluorophenol
Concen: 133.537 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion:112 Resp: 1500007
Ion Ratio Lower Upper
112 100
64 60.7 48.2 72.4
63 33.2 27.0 40.6

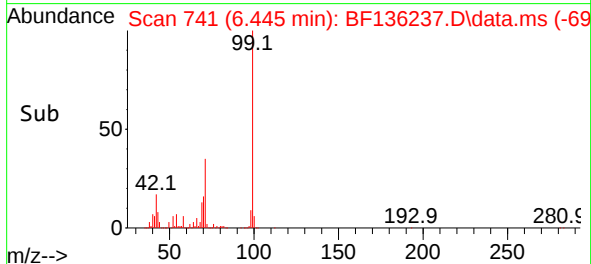
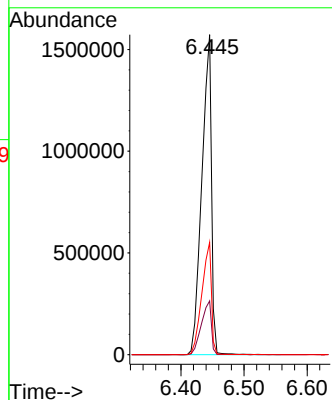
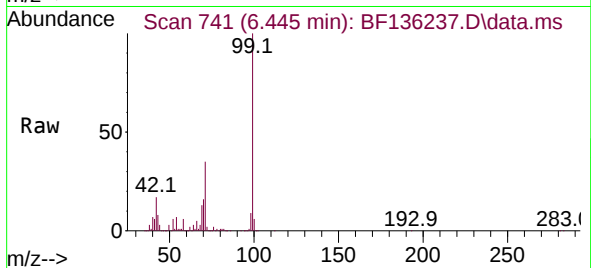




#7
Phenol-d6
Concen: 118.354 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

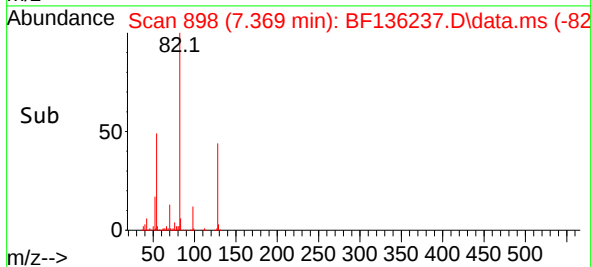
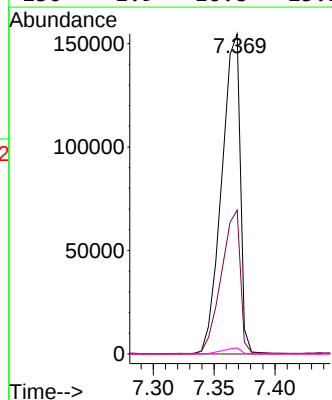
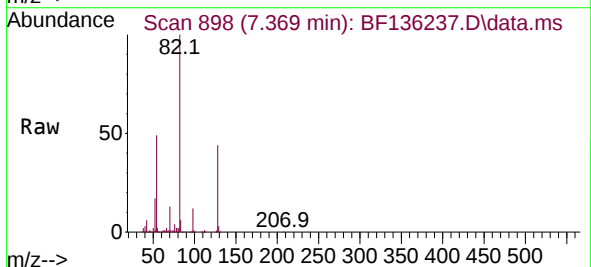
Instrument :
BNA_F
ClientSampleId :
WC-SED-02

Tgt Ion: 99 Resp: 1662309
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.6
71 35.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.579 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion: 70 Resp: 164470
Ion Ratio Lower Upper
70 100
42 44.9 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#

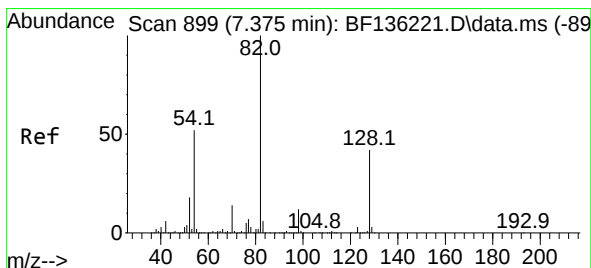
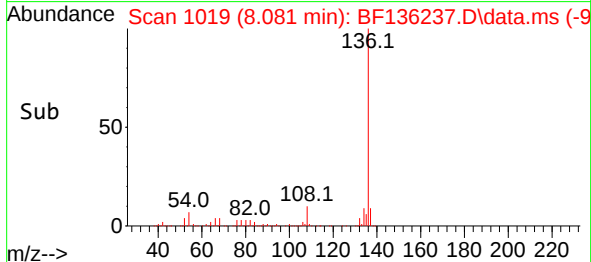
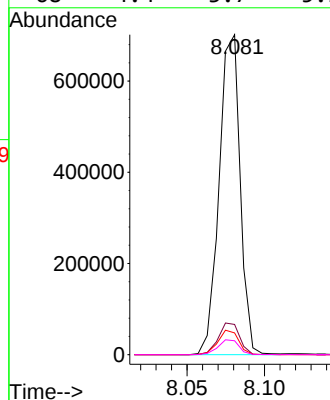
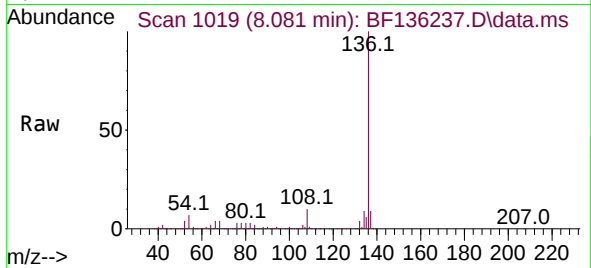




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

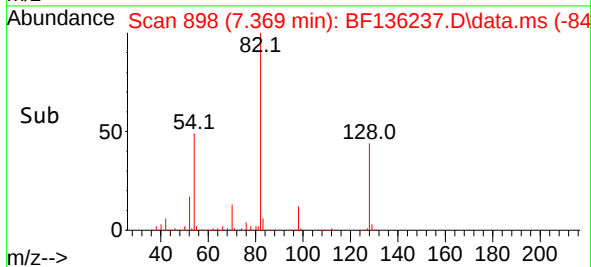
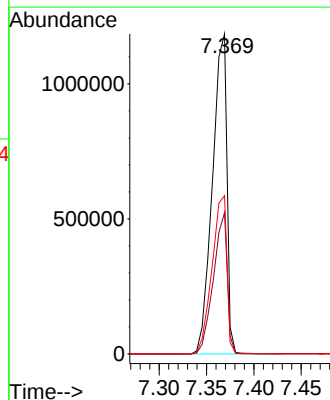
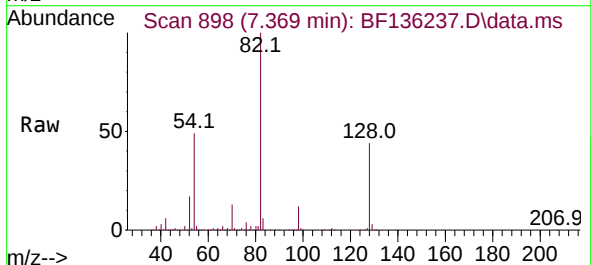
Instrument :
BNA_F
ClientSampleId :
WC-SED-02

Tgt Ion:136 Resp: 663286
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.2
54 6.8 5.5 8.3
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 99.938 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion: 82 Resp: 1254417
Ion Ratio Lower Upper
82 100
128 44.2 33.4 50.2
54 49.5 41.7 62.5

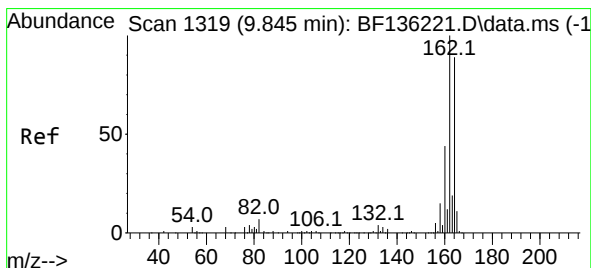
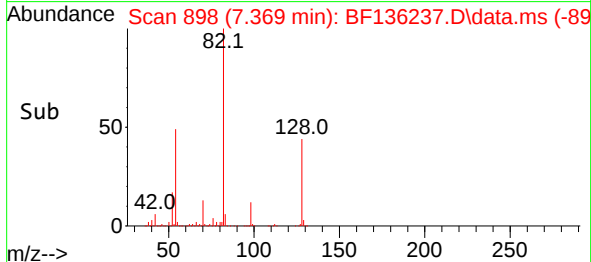
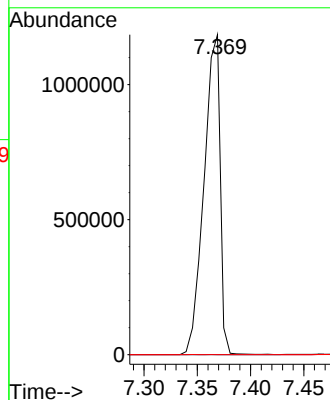
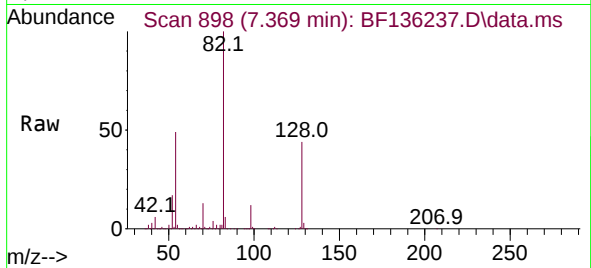




#25
Isophorone
Concen: 55.341 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

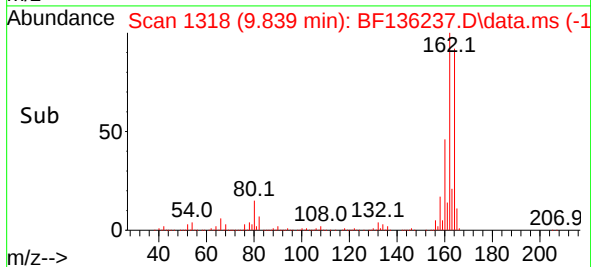
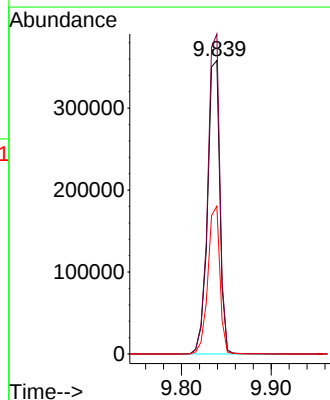
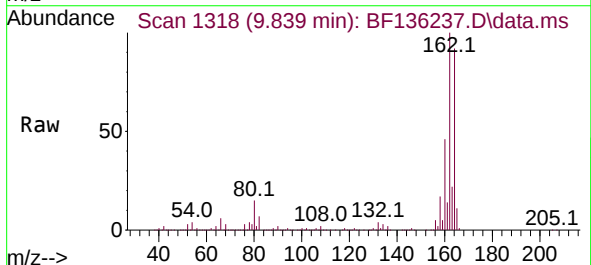
Instrument :
BNA_F
ClientSampleId :
WC-SED-02

Tgt Ion: 82 Resp: 1252532
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: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion:164 Resp: 339815
Ion Ratio Lower Upper
164 100
162 109.1 89.5 134.3
160 50.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 146.173 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136237.D

Acq: 27 Nov 2023 23:10

Instrument :

BNA_F

ClientSampleId :

WC-SED-02

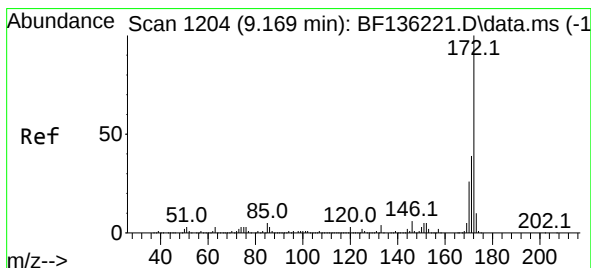
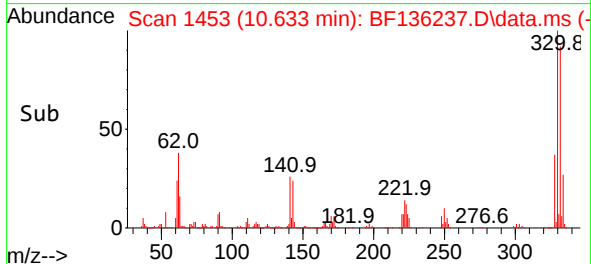
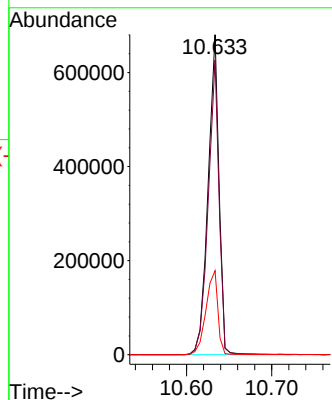
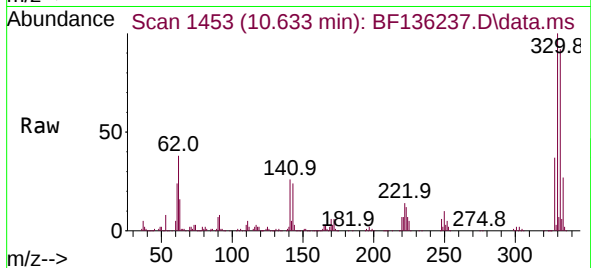
Tgt Ion:330 Resp: 607278

Ion Ratio Lower Upper

330 100

332 91.7 73.0 109.6

141 28.5 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 96.747 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136237.D

Acq: 27 Nov 2023 23:10

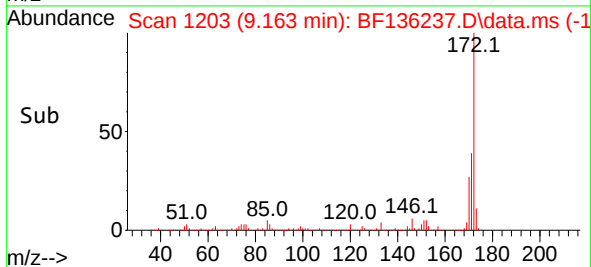
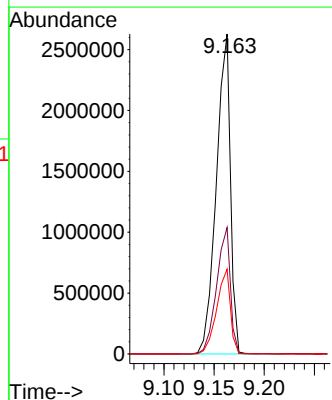
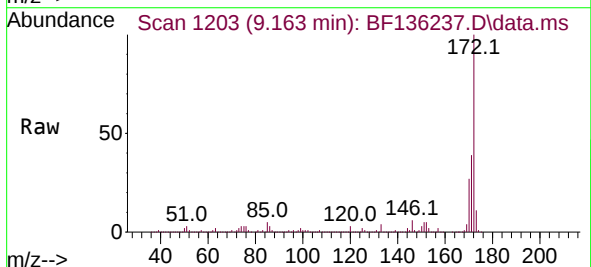
Tgt Ion:172 Resp: 2573866

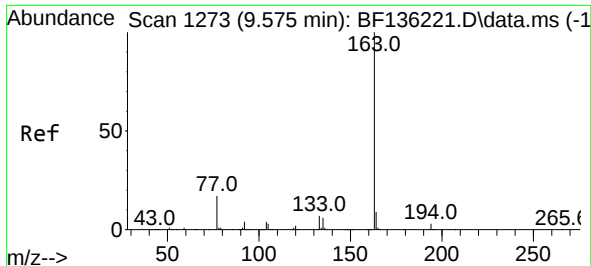
Ion Ratio Lower Upper

172 100

171 39.5 31.5 47.3

170 26.5 20.8 31.2

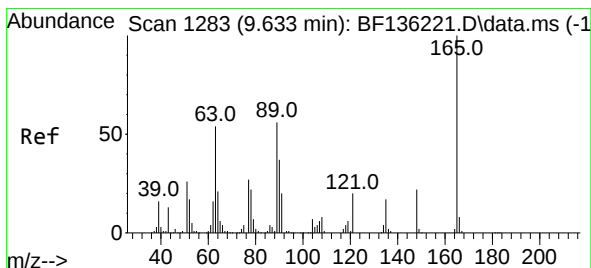
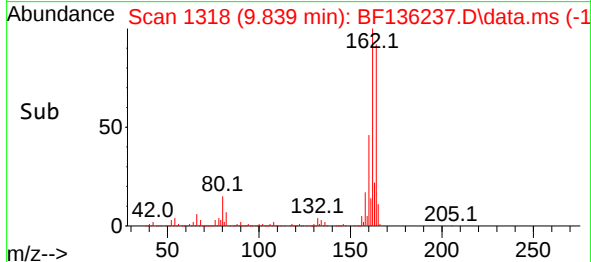
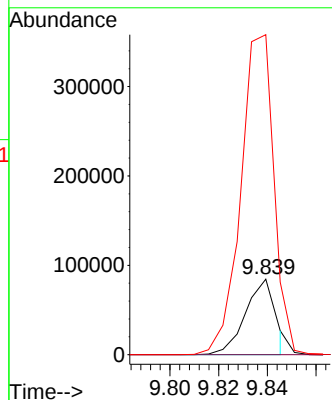
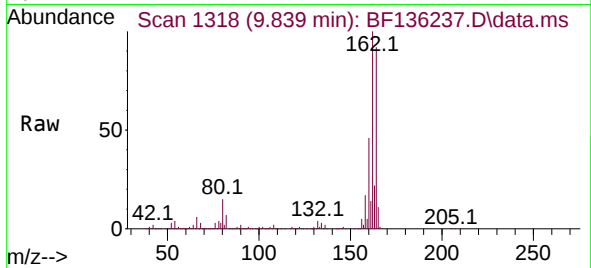




#50
Dimethylphthalate
Concen: 2.816 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

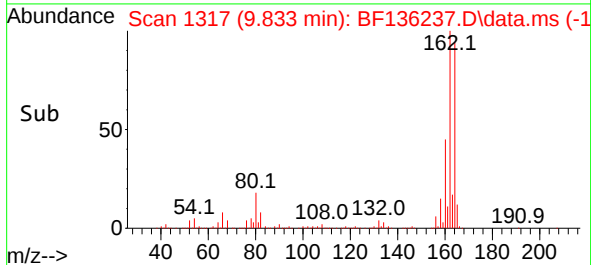
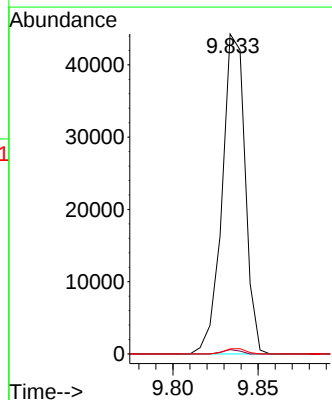
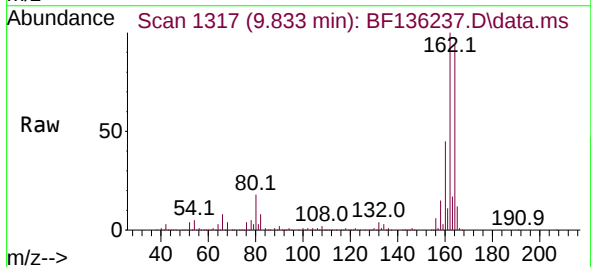
Instrument :
BNA_F
ClientSampleId :
WC-SED-02

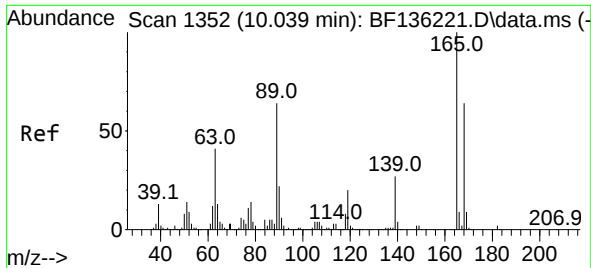
Tgt Ion:163 Resp: 72314
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 423.8 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.919 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.200 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion:165 Resp: 41551
Ion Ratio Lower Upper
165 100
63 1.3 46.2 69.2#
89 1.6 44.9 67.3#

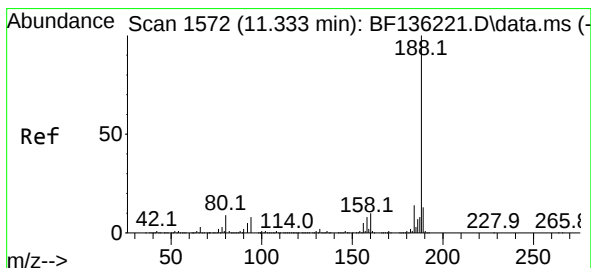
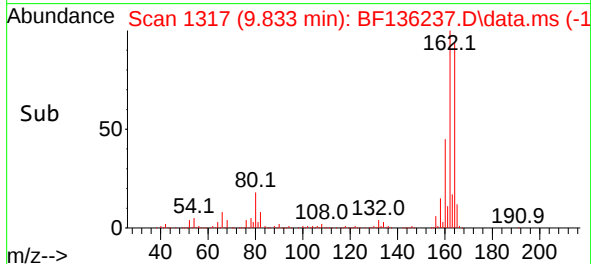
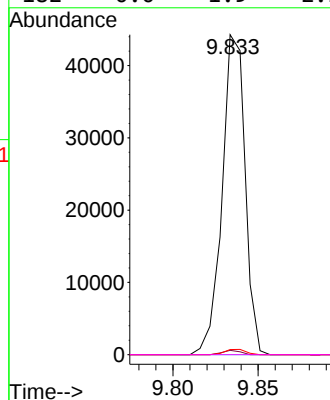
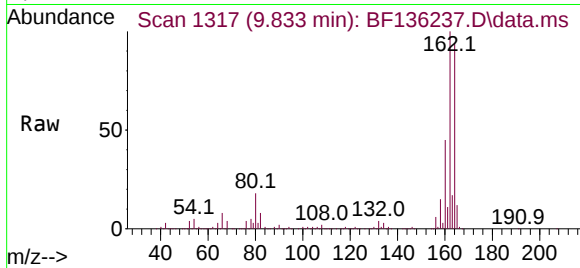




#57
2,4-Dinitrotoluene
Concen: 5.928 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

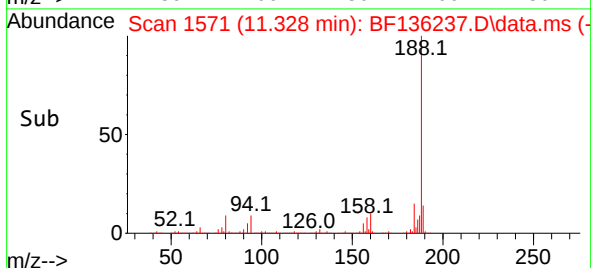
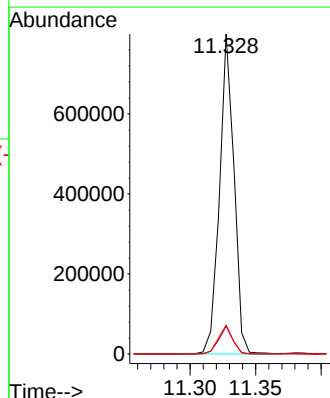
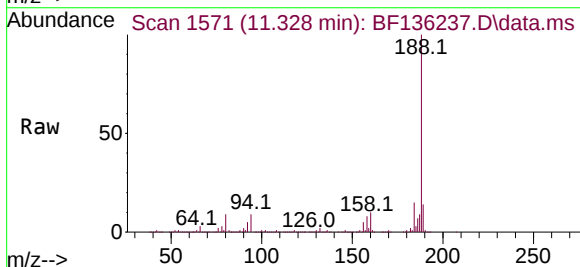
Instrument :
BNA_F
ClientSampleId :
WC-SED-02

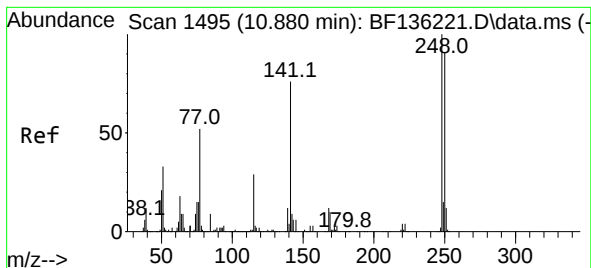
Tgt Ion:165 Resp: 41551
Ion Ratio Lower Upper
165 100
63 1.3 33.0 49.4#
89 1.6 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion:188 Resp: 612923
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.0 7.2 10.8

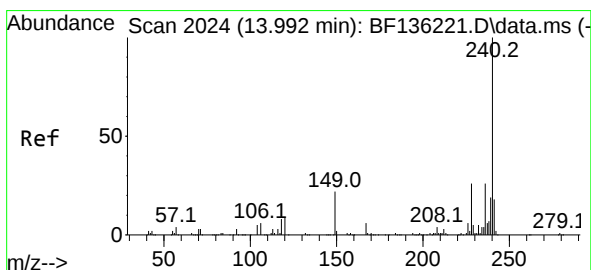
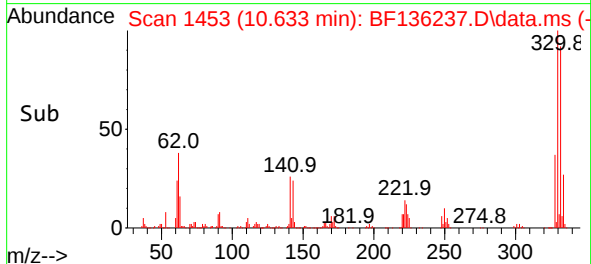
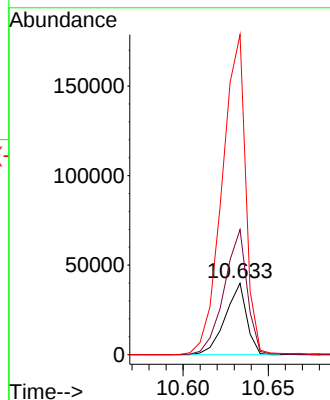
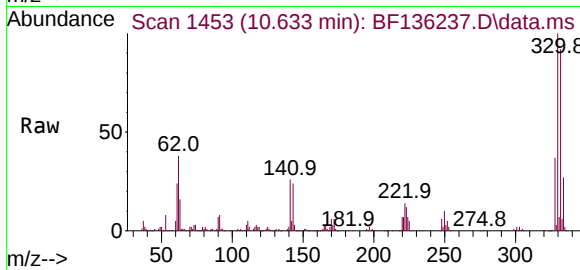




#67
4-Bromophenyl-phenylether
Concen: 4.875 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

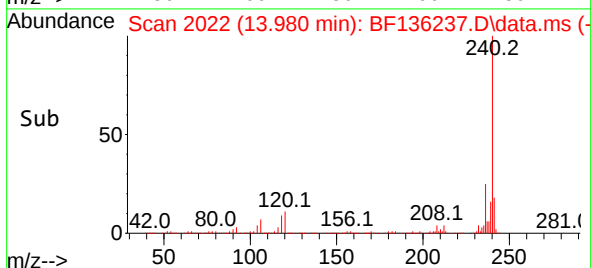
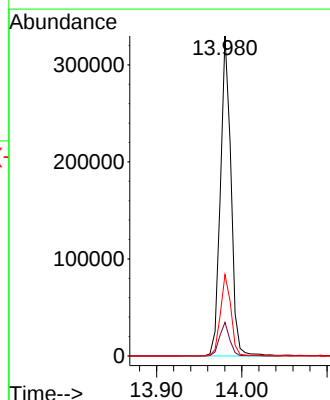
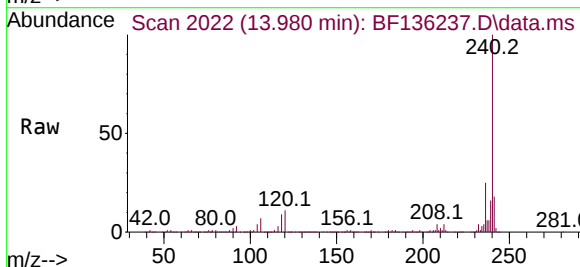
Instrument :
BNA_F
ClientSampleId :
WC-SED-02

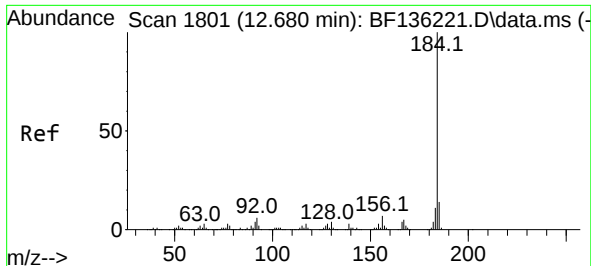
Tgt Ion:248 Resp: 34863
Ion Ratio Lower Upper
248 100
250 175.3 72.5 108.7#
141 448.0 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion:240 Resp: 283336
Ion Ratio Lower Upper
240 100
120 10.5 7.4 11.2
236 25.5 21.1 31.7

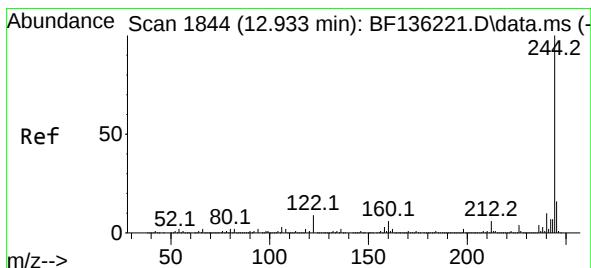
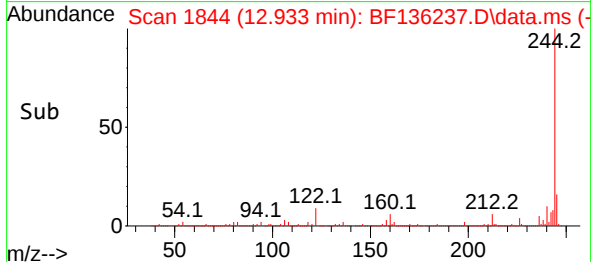
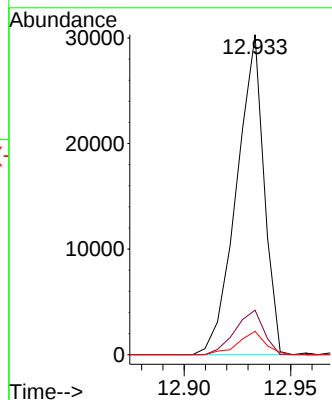
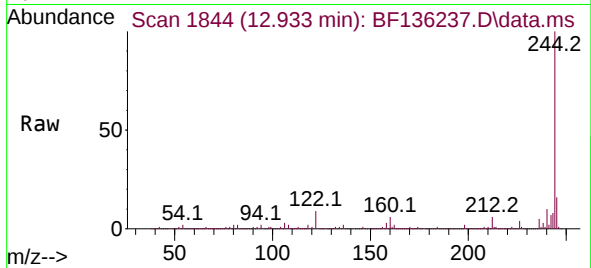




#77
Benzidine
Concen: 5.843 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

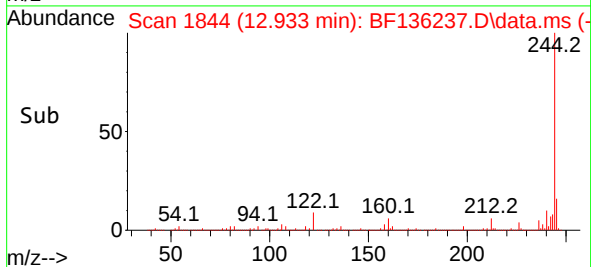
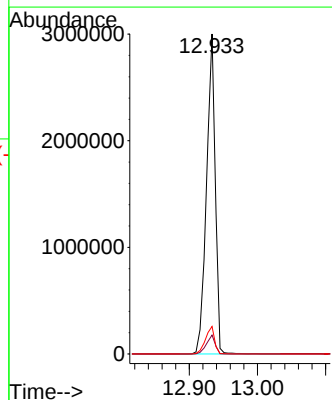
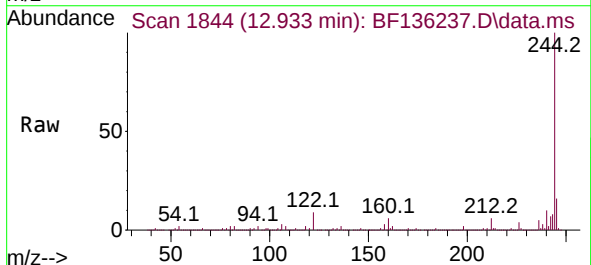
Instrument :
BNA_F
ClientSampleId :
WC-SED-02

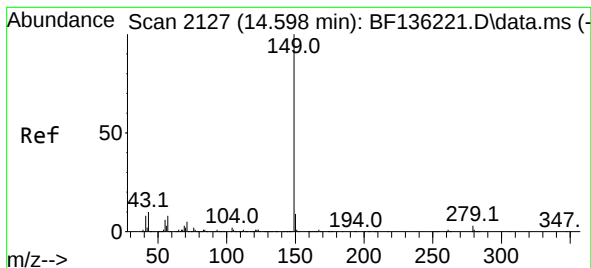
Tgt Ion:184 Resp: 27216
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.6
183 7.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 109.167 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion:244 Resp: 2681502
Ion Ratio Lower Upper
244 100
212 5.9 4.6 7.0
122 8.6 7.3 10.9

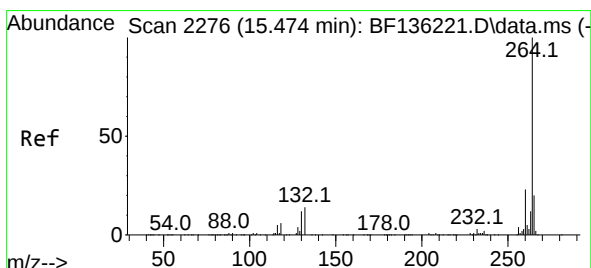
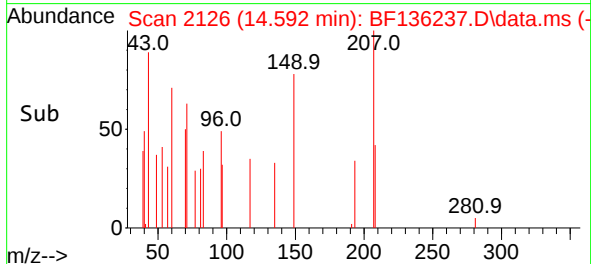
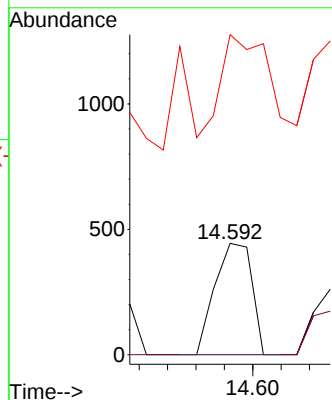
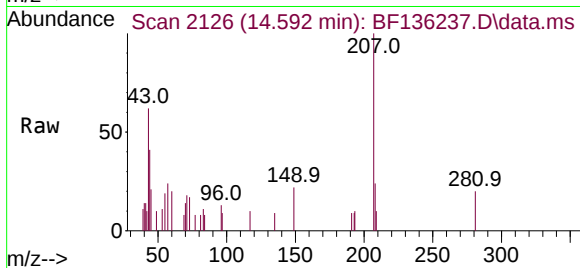




#85
Di-n-octyl phthalate
Concen: 5.181 ng
RT: 14.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

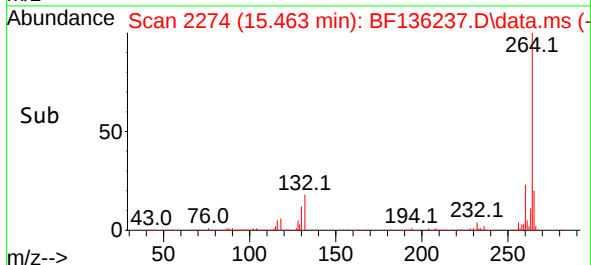
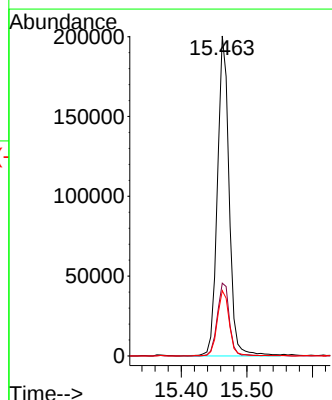
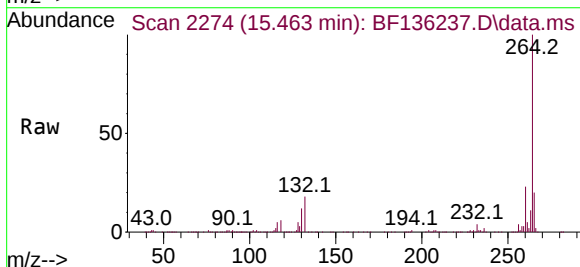
Instrument :
BNA_F
ClientSampleId :
WC-SED-02

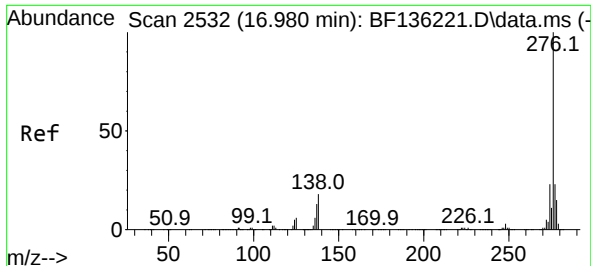
Tgt Ion:149 Resp: 400
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 177.8 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.011 min
Lab File: BF136237.D
Acq: 27 Nov 2023 23:10

Tgt Ion:264 Resp: 247923
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 20.4 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.713 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF136237.D

Acq: 27 Nov 2023 23:10

Instrument :

BNA_F

ClientSampleId :

WC-SED-02

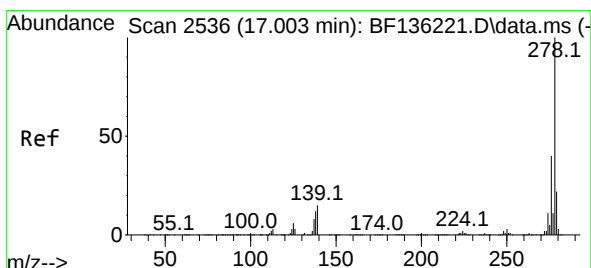
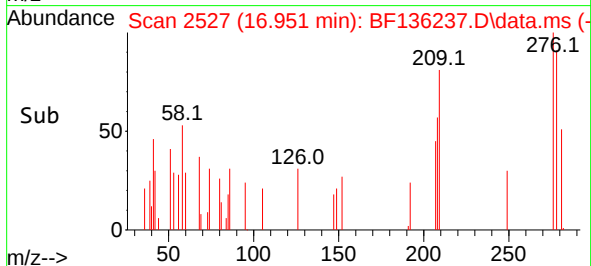
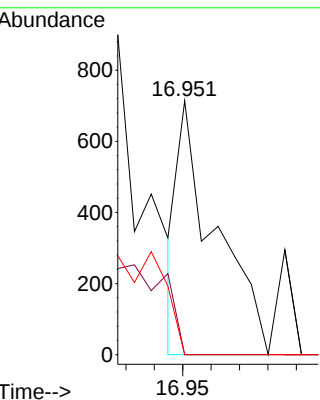
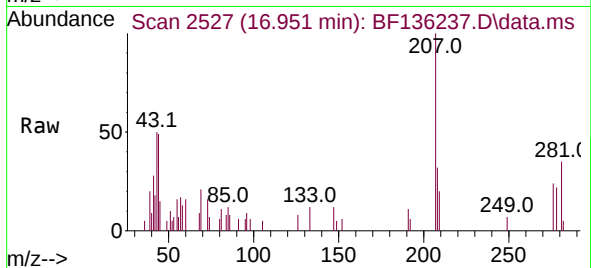
Tgt Ion:276 Resp: 659

Ion Ratio Lower Upper

276 100

138 59.2 17.7 26.5#

277 51.6 19.6 29.4#



#91

Dibenzo(a,h)anthracene

Concen: 2.858 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.041 min

Lab File: BF136237.D

Acq: 27 Nov 2023 23:10

Tgt Ion:278 Resp: 2273

Ion Ratio Lower Upper

278 100

139 26.0 11.7 17.5#

279 0.0 17.8 26.8#

