

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136257.D
 Acq On : 28 Nov 2023 19:29
 Operator : CG\JU
 Sample : 05539-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-112223

Quant Time: Nov 29 00:48:40 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)

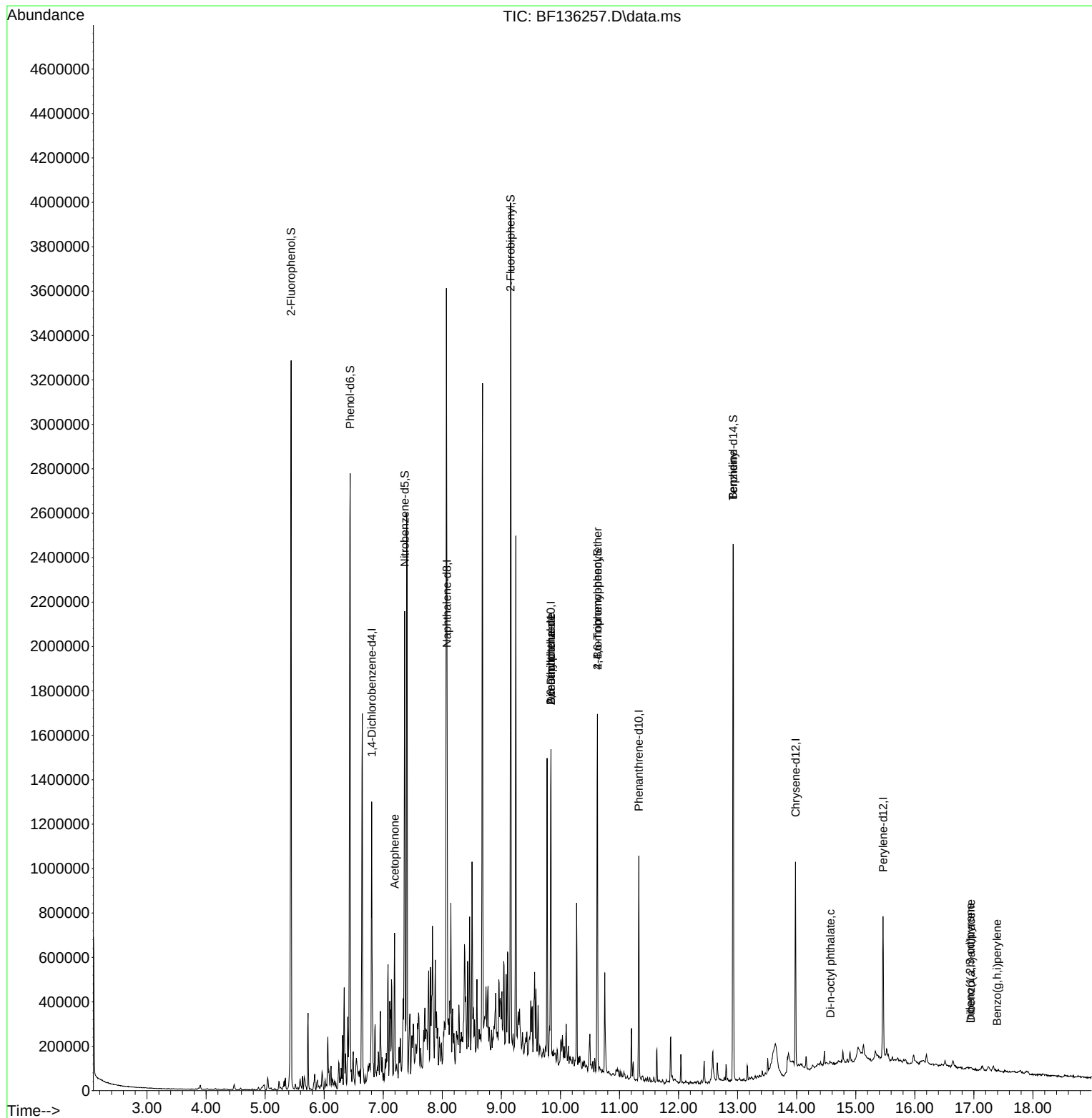
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	148381	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	572144	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	253613	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	348290	20.000	ng	0.00
76) Chrysene-d12	13.980	240	295169	20.000	ng	-0.01
86) Perylene-d12	15.462	264	296156	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	838804	78.682	ng	0.00
7) Phenol-d6	6.439	99	1022646	76.719	ng	0.00
23) Nitrobenzene-d5	7.363	82	629531	58.144	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	191605	61.795	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1189080	59.887	ng	-0.01
79) Terphenyl-d14	12.927	244	924755	36.138	ng	0.00
Target Compounds						
					Qvalue	
22) Acetophenone	7.192	105	60977	4.058	ng	# 42
50) Dimethylphthalate	9.839	163	53704	2.802	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	32686	8.347	ng	# 25
67) 4-Bromophenyl-phenylether	10.627	248	11743	2.890	ng	# 1
77) Benzidine	12.921	184	10677	2.201	ng	# 89
85) Di-n-octyl phthalate	14.574	149	306	5.176	ng	# 53
87) Indeno(1,2,3-cd)pyrene	16.939	276	5212	2.901	ng	# 75
91) Dibenzo(a,h)anthracene	16.951	278	3325	2.890	ng	# 74
92) Benzo(g,h,i)perylene	17.392	276	4797	2.159	ng	# 82

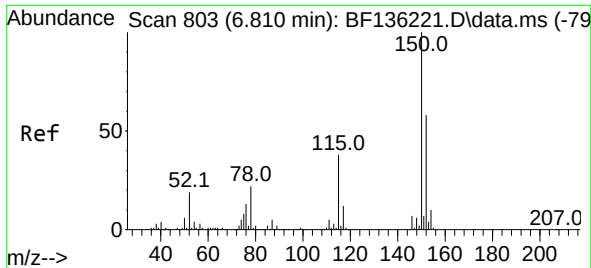
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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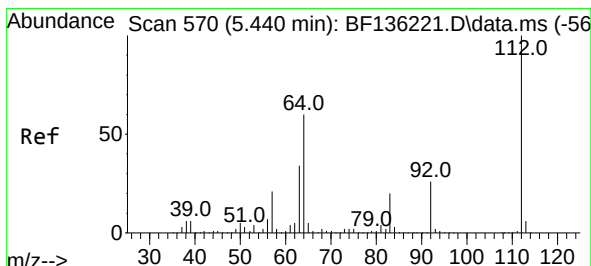
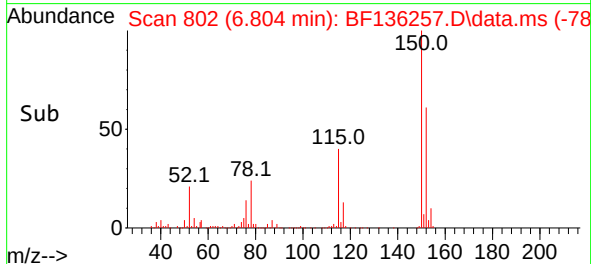
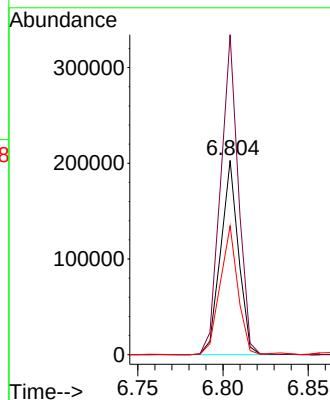
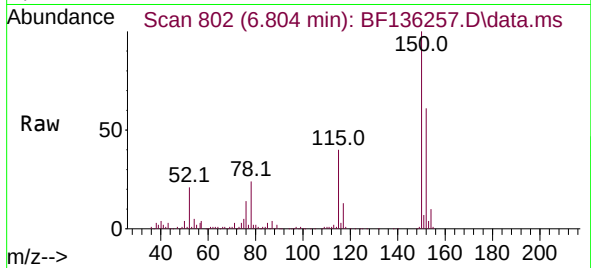




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

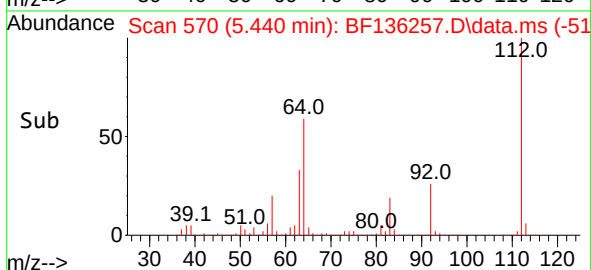
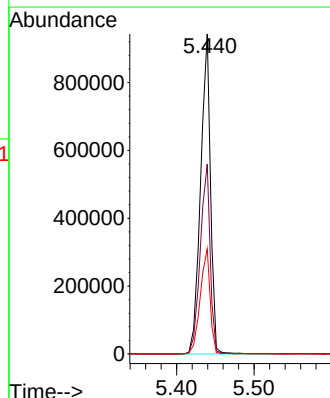
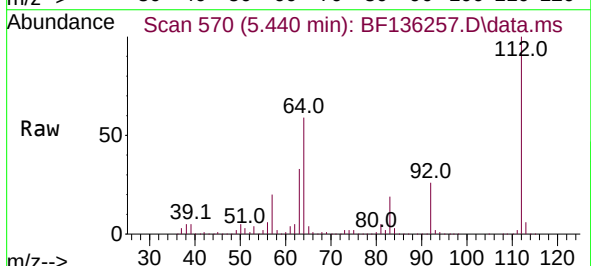
Instrument :
BNA_F
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EO-03-112223

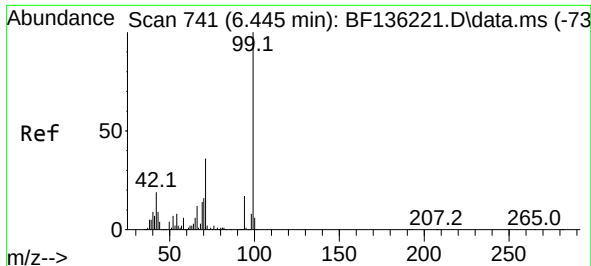
Tgt Ion:152 Resp: 148381
Ion Ratio Lower Upper
152 100
150 164.7 137.8 206.8
115 66.3 52.7 79.1



#5
2-Fluorophenol
Concen: 78.682 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

Tgt Ion:112 Resp: 838804
Ion Ratio Lower Upper
112 100
64 59.4 48.2 72.4
63 32.9 27.0 40.6

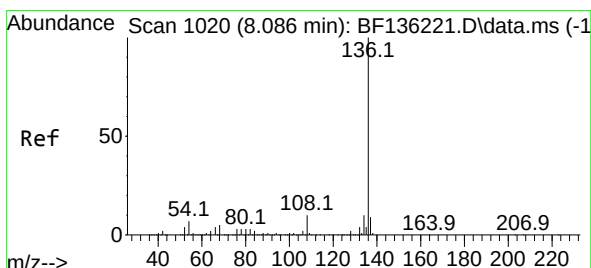
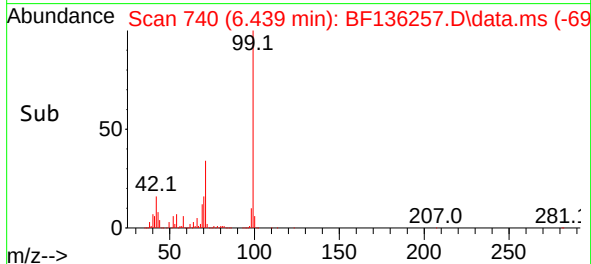
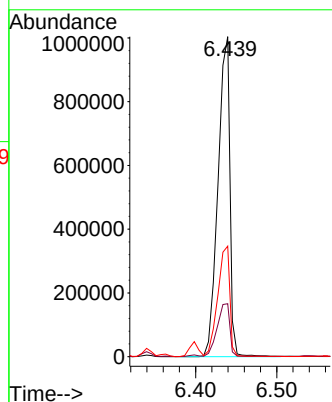
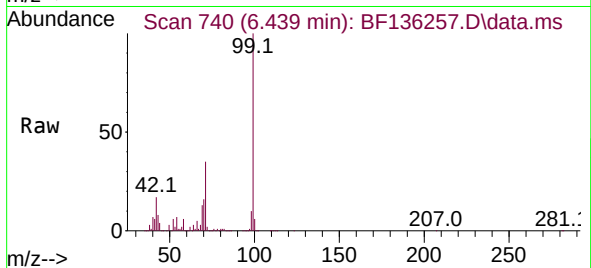




#7
Phenol-d6
Concen: 76.719 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

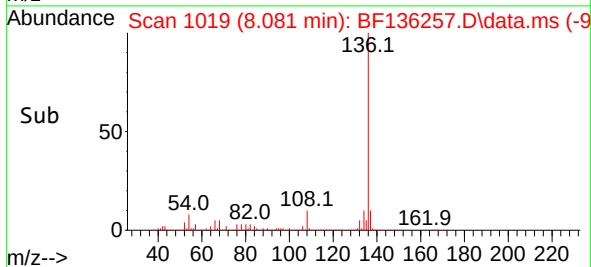
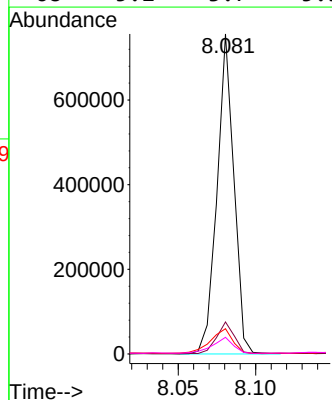
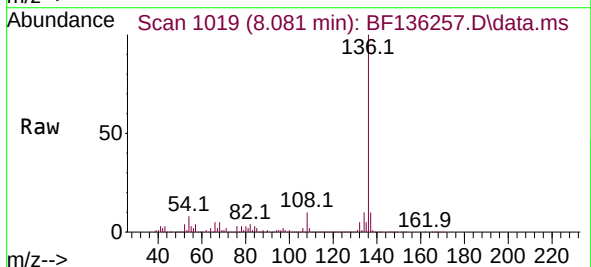
Instrument :
BNA_F
ClientSampleId :
EO-03-112223

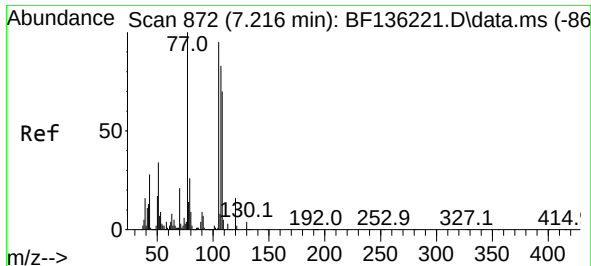
Tgt Ion: 99 Resp: 1022646
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.6
71 34.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

Tgt Ion: 136 Resp: 572144
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.2
54 7.9 5.5 8.3
68 5.2 3.7 5.5

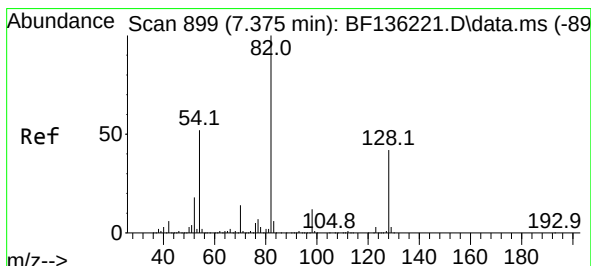
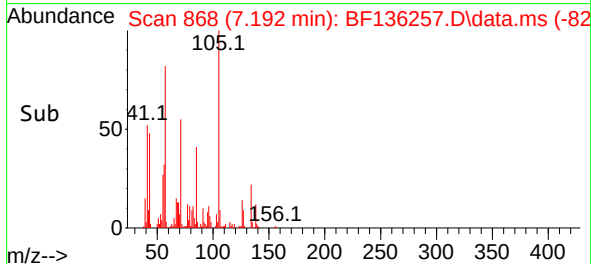
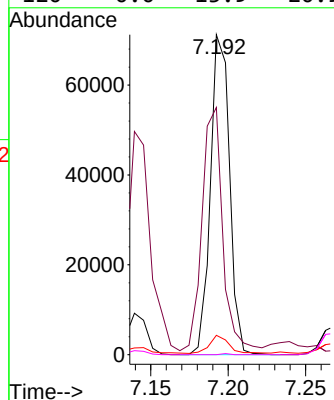
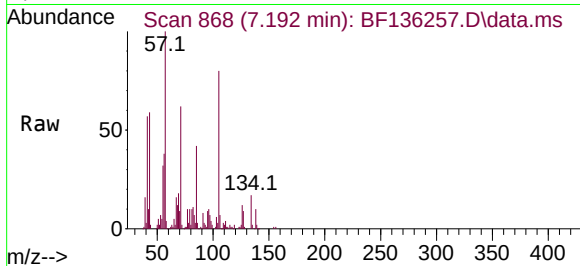




#22
Acetophenone
Concen: 4.058 ng
RT: 7.192 min Scan# 810
Delta R.T. -0.024 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

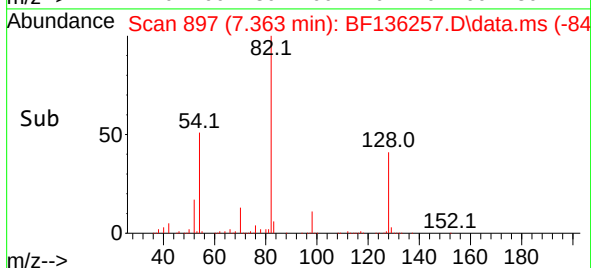
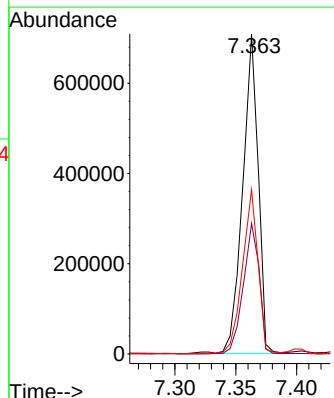
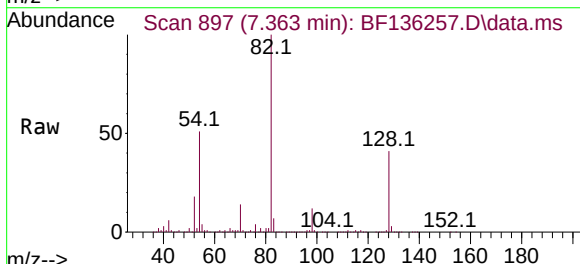
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ClientSampleId :
EO-03-112223

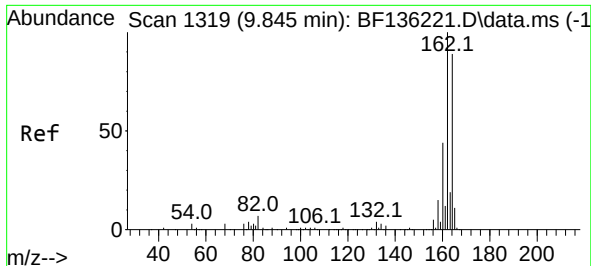
Tgt Ion: 105 Resp: 60977
Ion Ratio Lower Upper
105 100
71 77.2 2.8 4.2#
51 6.0 29.0 43.6#
120 0.0 13.9 20.9#



#23
Nitrobenzene-d5
Concen: 58.144 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

Tgt Ion: 82 Resp: 629531
Ion Ratio Lower Upper
82 100
128 40.8 33.4 50.2
54 51.3 41.7 62.5

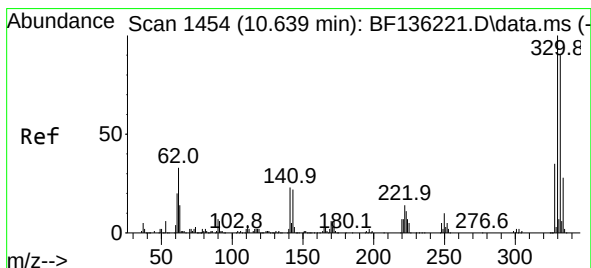
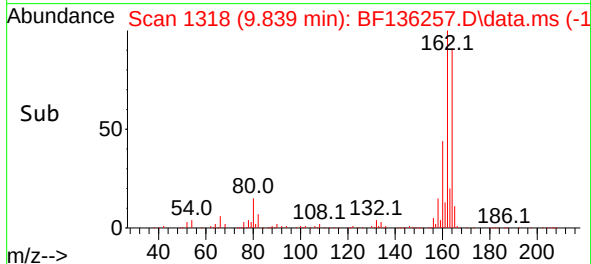
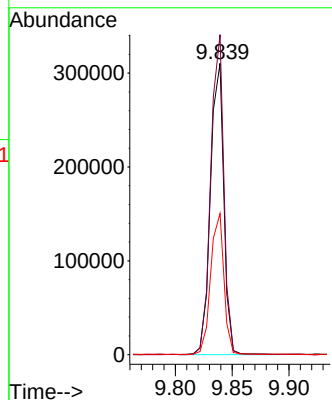
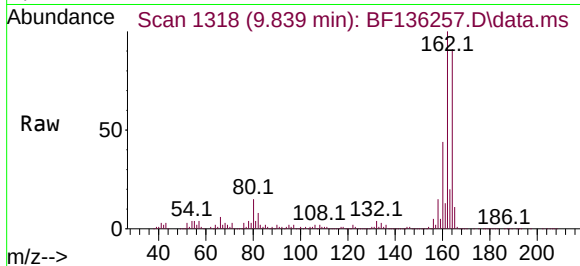




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

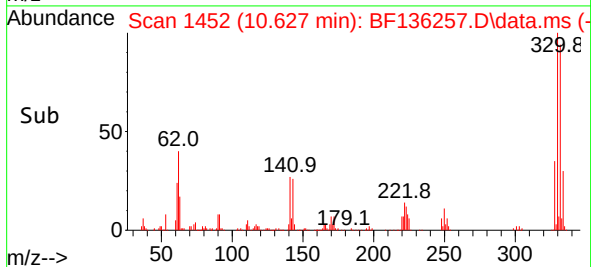
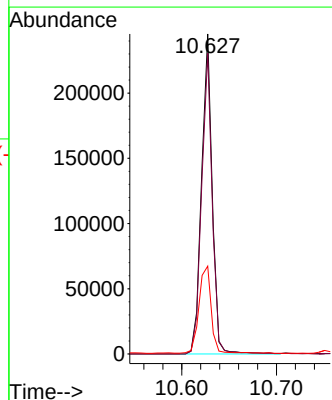
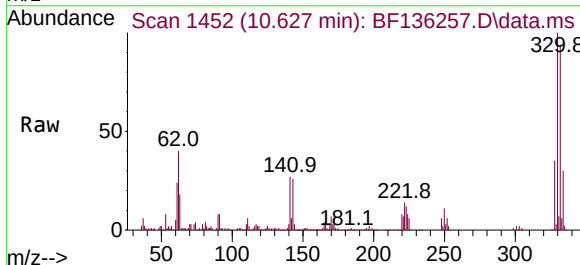
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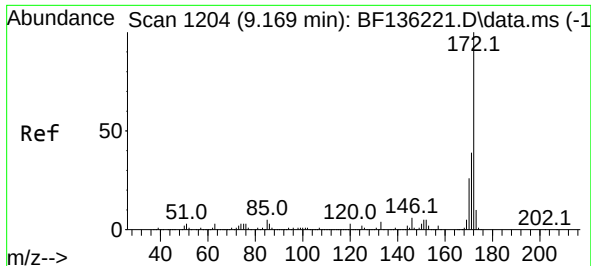
Tgt Ion:164 Resp: 253613
Ion Ratio Lower Upper
164 100
162 109.9 89.5 134.3
160 48.5 39.6 59.4



#42
2,4,6-Tribromophenol
Concen: 61.795 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

Tgt Ion:330 Resp: 191605
Ion Ratio Lower Upper
330 100
332 94.3 73.0 109.6
141 31.1 24.2 36.2

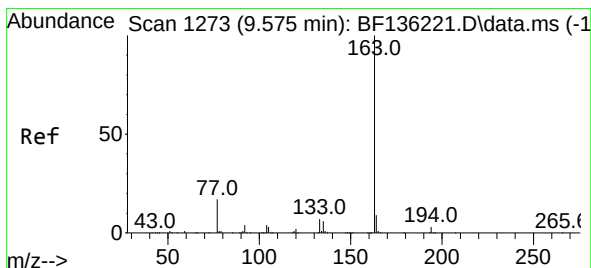
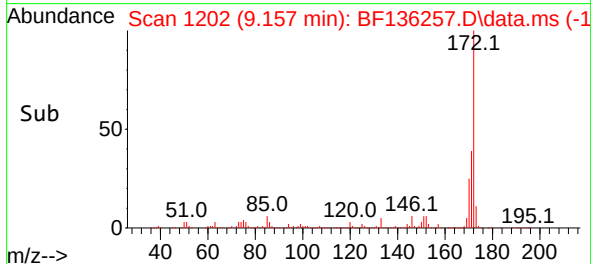
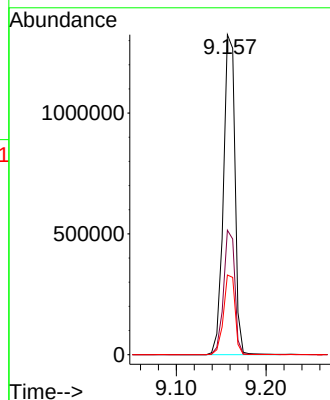
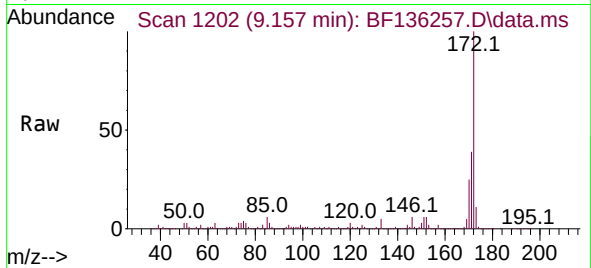




#45
 2-Fluorobiphenyl
 Concen: 59.887 ng
 RT: 9.157 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136257.D
 Acq: 28 Nov 2023 19:29

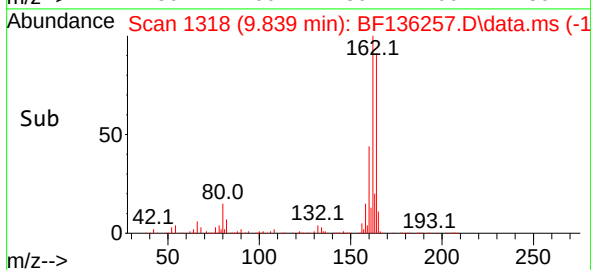
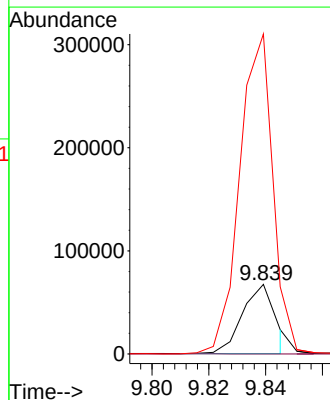
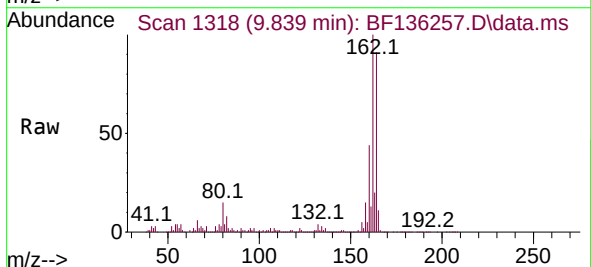
Instrument :
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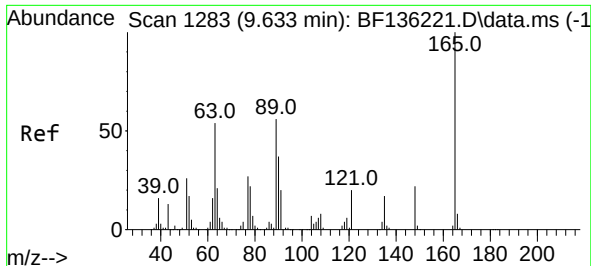
Tgt Ion:172 Resp: 1189080
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.5 47.3
 170 24.9 20.8 31.2



#50
 Dimethylphthalate
 Concen: 2.802 ng
 RT: 9.839 min Scan# 1318
 Delta R.T. 0.265 min
 Lab File: BF136257.D
 Acq: 28 Nov 2023 19:29

Tgt Ion:163 Resp: 53704
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.5 3.7#
 164 460.0 7.0 10.6#

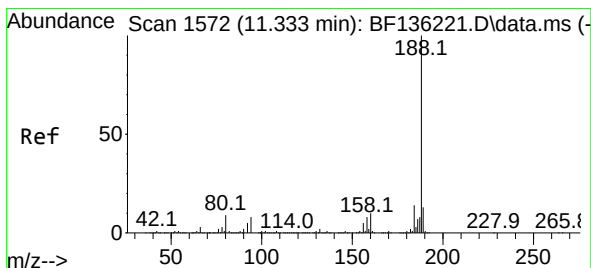
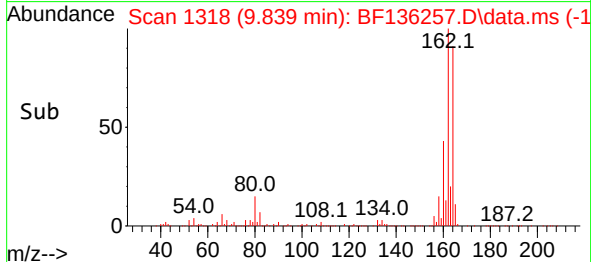
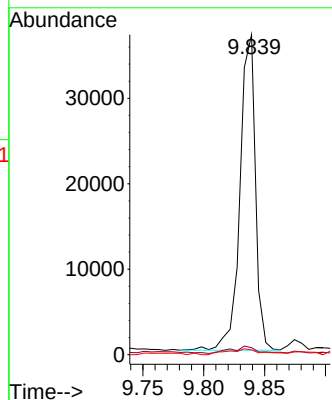
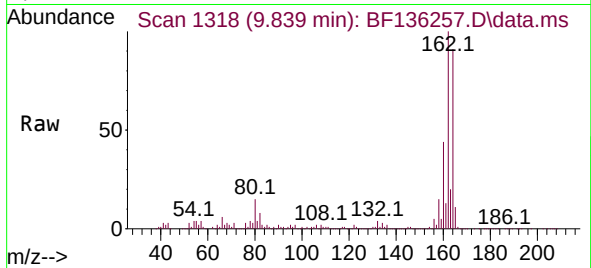




#51
2,6-Dinitrotoluene
Concen: 8.347 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

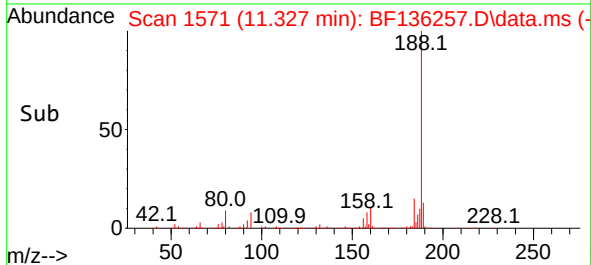
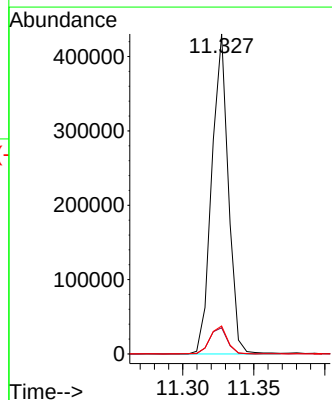
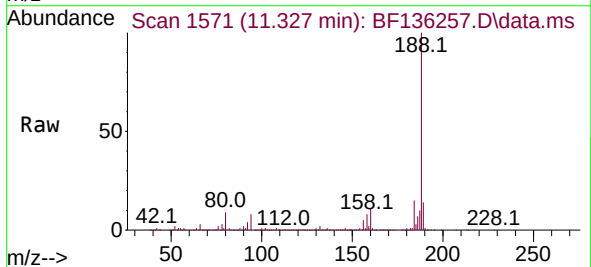
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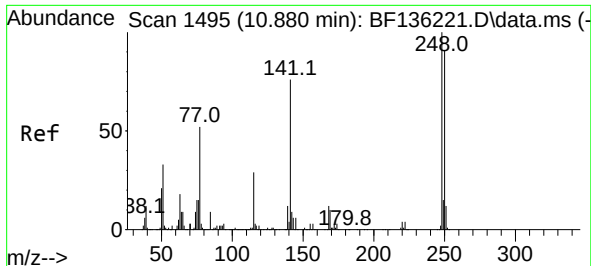
Tgt Ion:165 Resp: 32686
Ion Ratio Lower Upper
165 100
63 2.2 46.2 69.2#
89 1.5 44.9 67.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

Tgt Ion:188 Resp: 348290
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.8 7.2 10.8

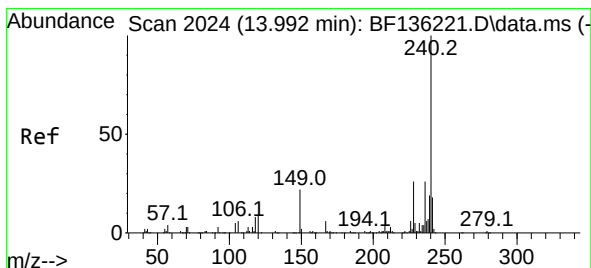
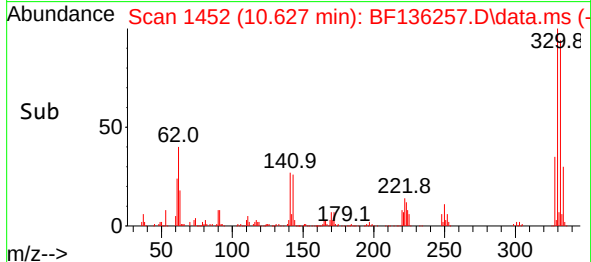
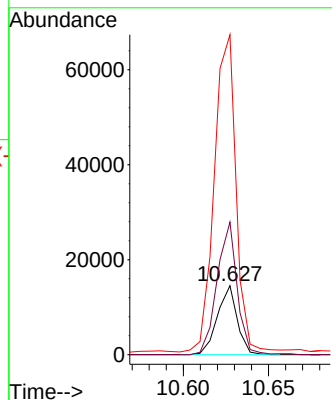
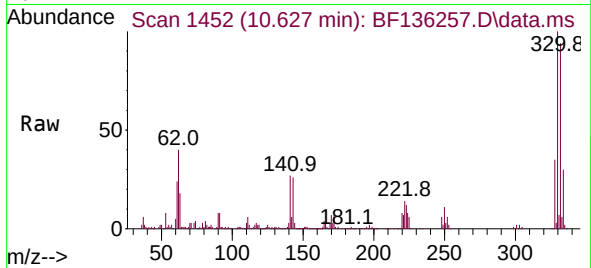




#67
4-Bromophenyl-phenylether
Concen: 2.890 ng
RT: 10.627 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

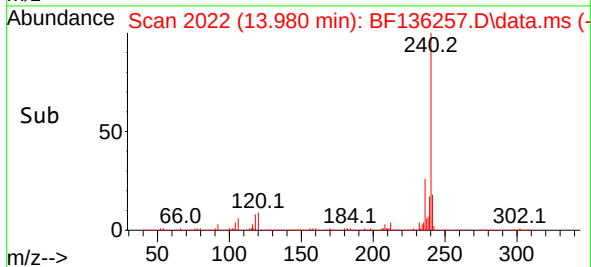
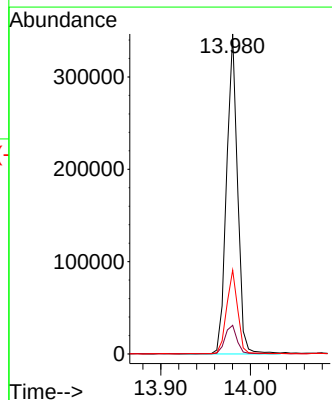
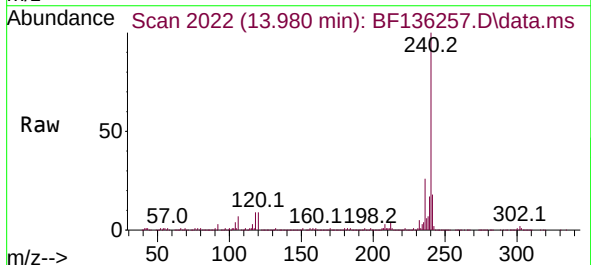
Instrument :
BNA_F
ClientSampleId :
EO-03-112223

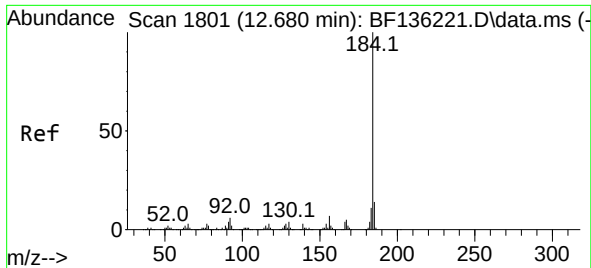
Tgt Ion:248 Resp: 11743
Ion Ratio Lower Upper
248 100
250 192.3 72.5 108.7#
141 463.9 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

Tgt Ion:240 Resp: 295169
Ion Ratio Lower Upper
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120 9.0 7.4 11.2
236 26.2 21.1 31.7

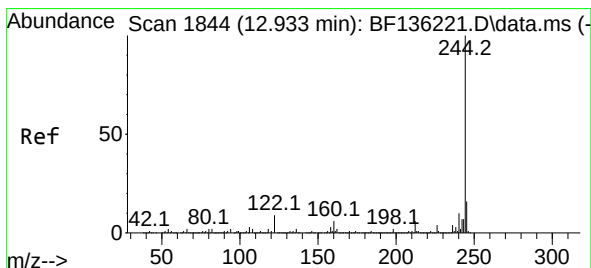
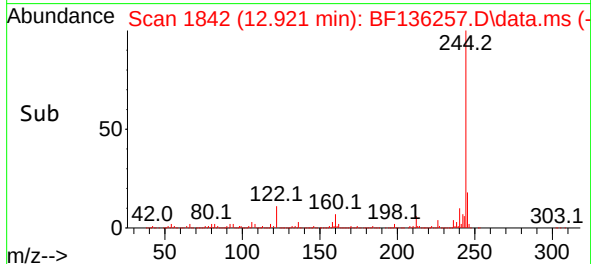
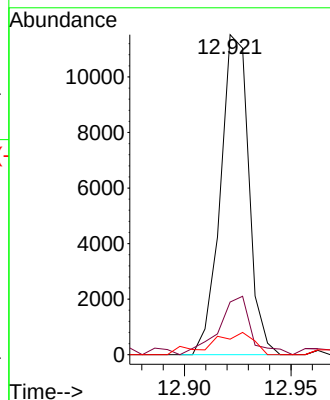
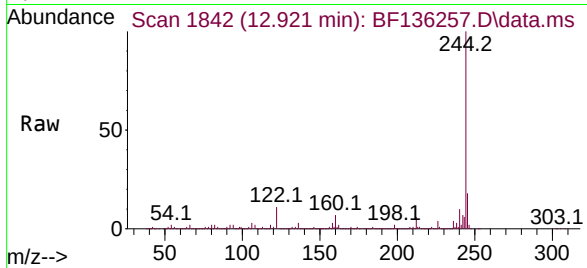




#77
Benzidine
Concen: 2.201 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.241 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

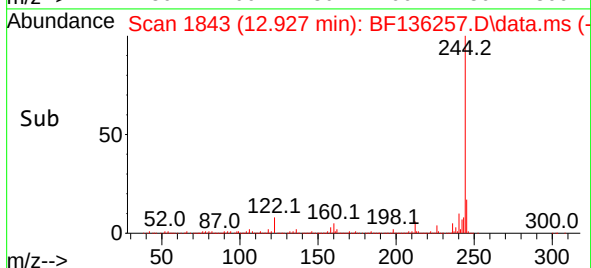
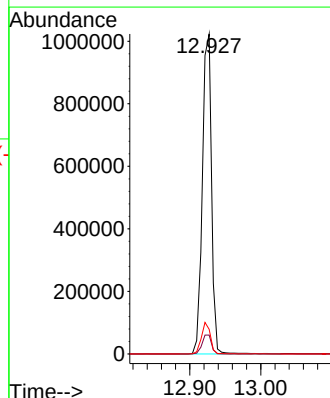
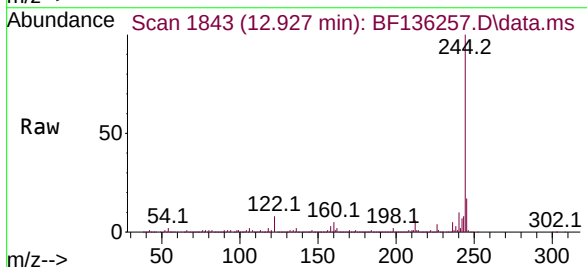
Instrument :
BNA_F
ClientSampleId :
EO-03-112223

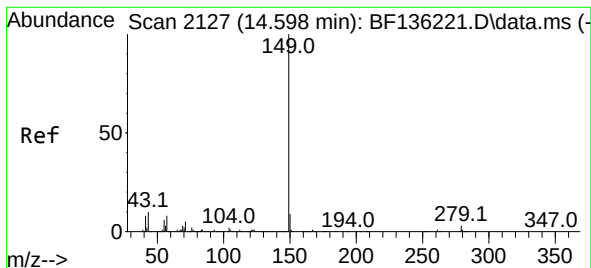
Tgt Ion:184 Resp: 10677
Ion Ratio Lower Upper
184 100
185 16.5 11.0 16.6
183 4.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 36.138 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136257.D
Acq: 28 Nov 2023 19:29

Tgt Ion:244 Resp: 924755
Ion Ratio Lower Upper
244 100
212 5.9 4.6 7.0
122 7.7 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.176 ng

RT: 14.574 min Scan# 2123

Delta R.T. -0.024 min

Lab File: BF136257.D

Acq: 28 Nov 2023 19:29

Instrument :

BNA_F

ClientSampleId :

EO-03-112223

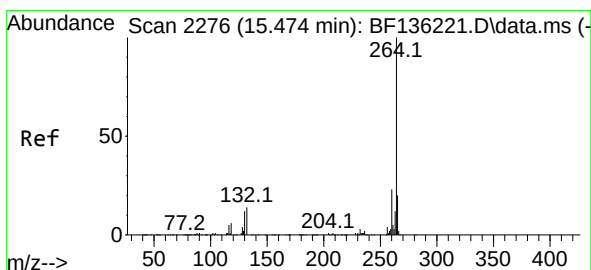
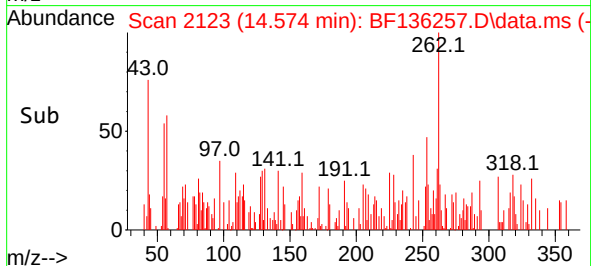
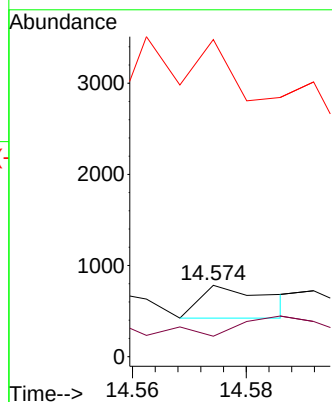
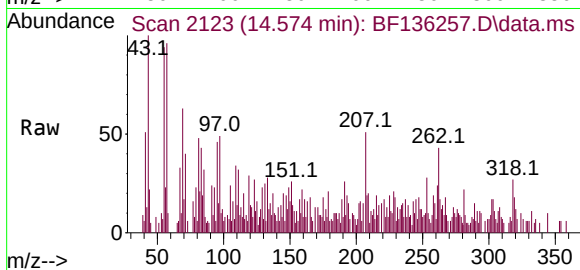
Tgt Ion:149 Resp: 306

Ion Ratio Lower Upper

149 100

167 79.7 1.0 1.6#

43 0.0 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: BF136257.D

Acq: 28 Nov 2023 19:29

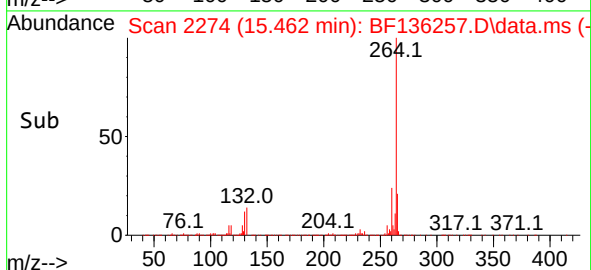
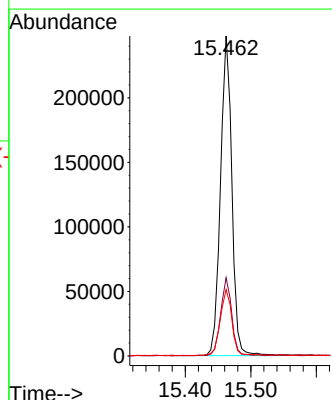
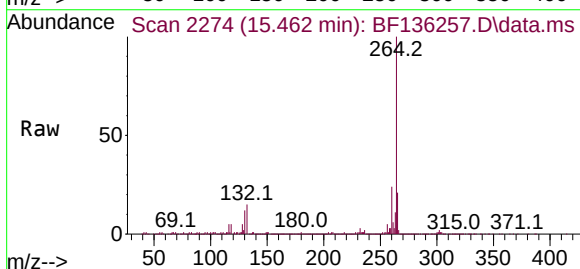
Tgt Ion:264 Resp: 296156

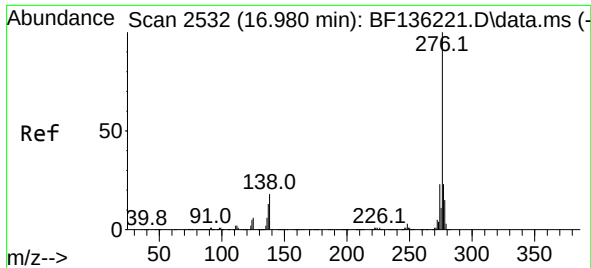
Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 20.8 15.7 23.5

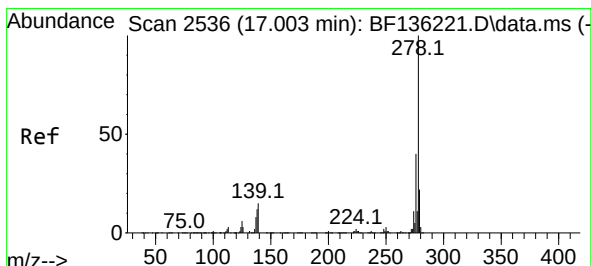
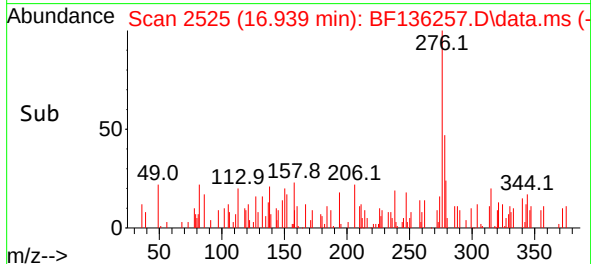
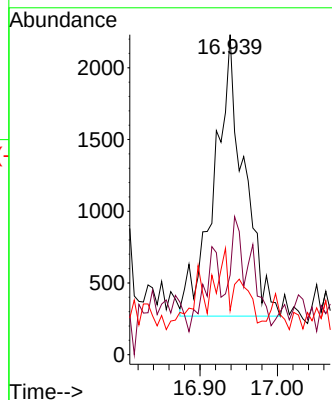
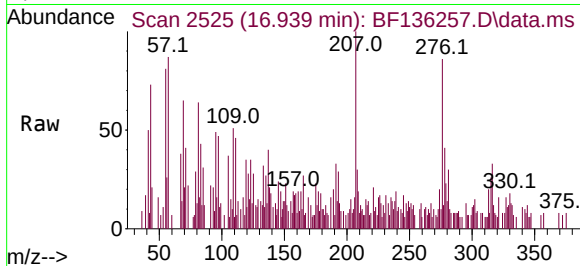




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.901 ng
 RT: 16.939 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF136257.D
 Acq: 28 Nov 2023 19:29

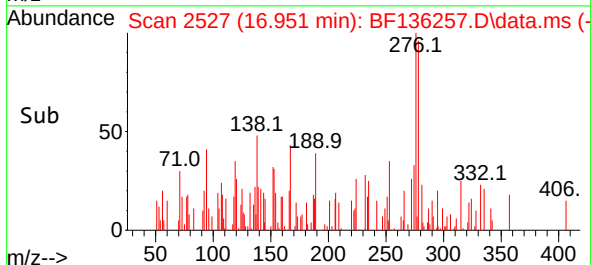
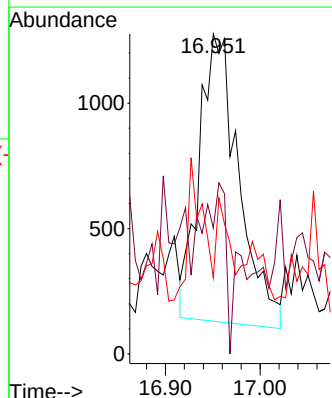
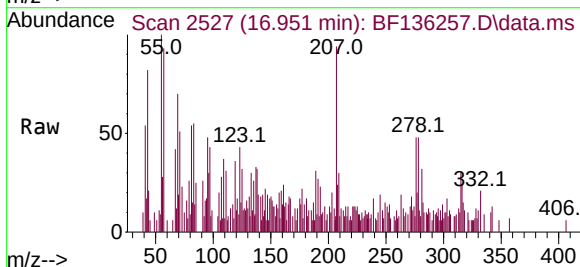
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-112223

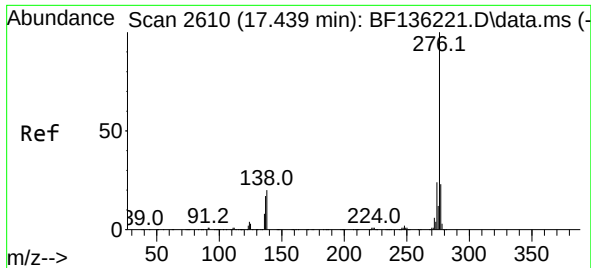
Tgt Ion:276 Resp: 5212
 Ion Ratio Lower Upper
 276 100
 138 29.4 17.7 26.5#
 277 8.2 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 2.890 ng
 RT: 16.951 min Scan# 2527
 Delta R.T. -0.052 min
 Lab File: BF136257.D
 Acq: 28 Nov 2023 19:29

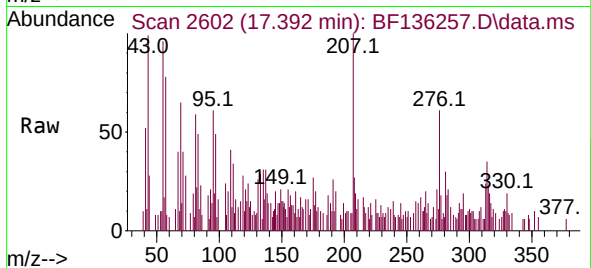
Tgt Ion:278 Resp: 3325
 Ion Ratio Lower Upper
 278 100
 139 39.3 11.7 17.5#
 279 23.8 17.8 26.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.159 ng
 RT: 17.392 min Scan# 20
 Delta R.T. -0.047 min
 Lab File: BF136257.D
 Acq: 28 Nov 2023 19:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-112223



Tgt Ion:	276	Resp:	4797
Ion	Ratio	Lower	Upper
276	100		
277	29.5	18.6	27.8#
138	30.6	15.8	23.8#

