

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136386.D
 Acq On : 04 Dec 2023 17:27
 Operator : CG\JU
 Sample : 05434-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:34:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

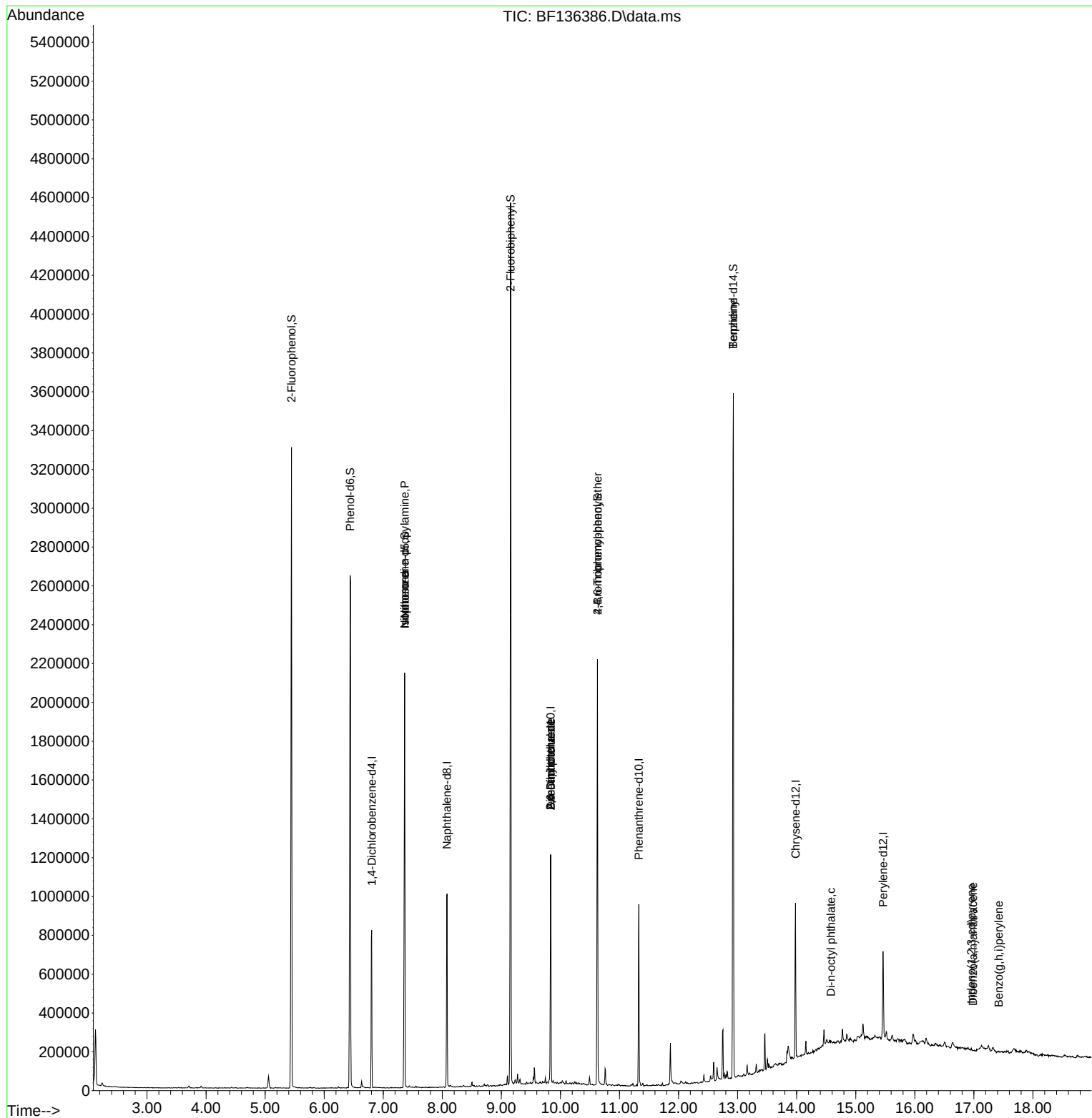
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122549	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	479361	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	217961	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	334140	20.000	ng	0.00
76) Chrysene-d12	13.980	240	265926	20.000	ng	0.00
86) Perylene-d12	15.462	264	211723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	942372	107.030	ng	0.00
7) Phenol-d6	6.440	99	1162610	105.604	ng	0.00
23) Nitrobenzene-d5	7.363	82	706580	77.891	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	268574	100.788	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1422118	83.340	ng	0.00
79) Terphenyl-d14	12.927	244	1298435	56.321	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.363	70	91447	13.888	ng	# 75
25) Isophorone	7.363	82	699061	42.738	ng	# 68
50) Dimethylphthalate	9.833	163	42840	2.600	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	28479	8.462	ng	# 24
57) 2,4-Dinitrotoluene	9.833	165	28479	6.335	ng	# 27
67) 4-Bromophenyl-phenylether	10.627	248	15949	4.091	ng	# 1
77) Benzidine	12.927	184	15853	3.627	ng	97
85) Di-n-octyl phthalate	14.580	149	833	5.205	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.956	276	2101	2.805	ng	# 76
91) Dibenzo(a,h)anthracene	16.986	278	739	2.768	ng	# 1
92) Benzo(g,h,i)perylene	17.421	276	2474	2.087	ng	# 40

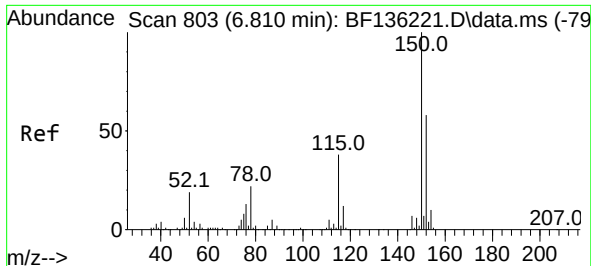
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
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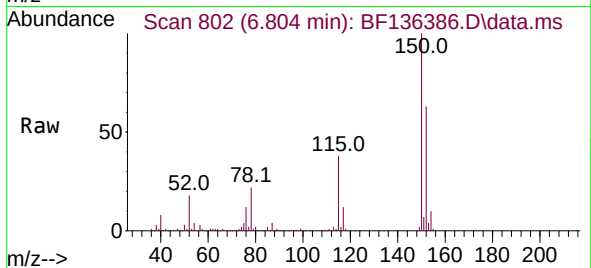
Quant Time: Dec 05 00:34:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:30:53 2023
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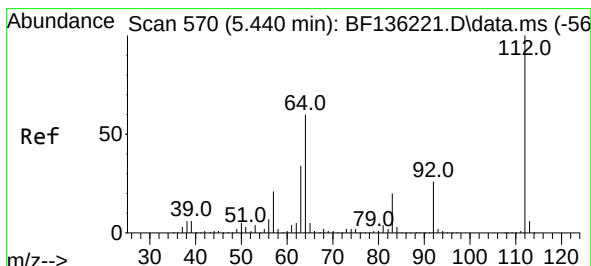
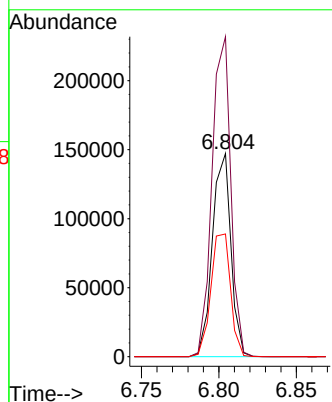
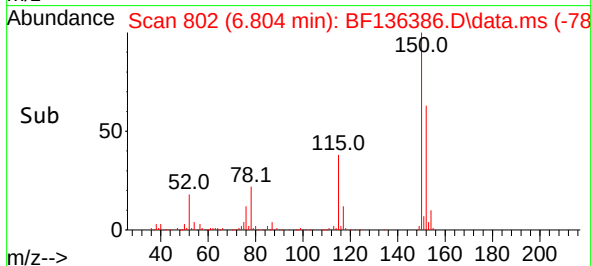


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Instrument :
BNA_F
ClientSampleId :

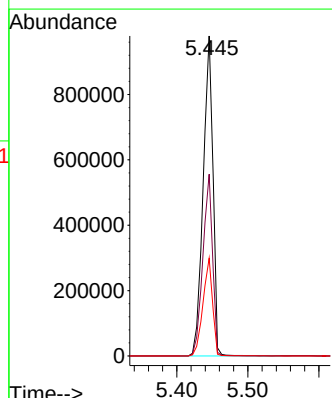
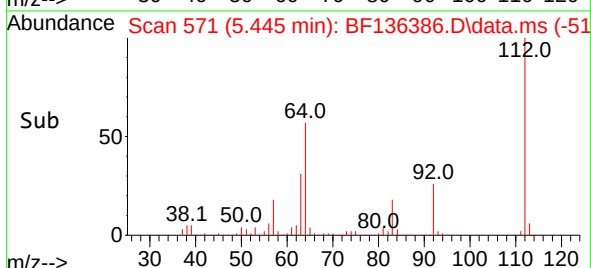
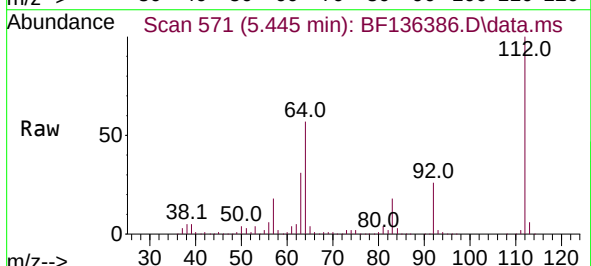


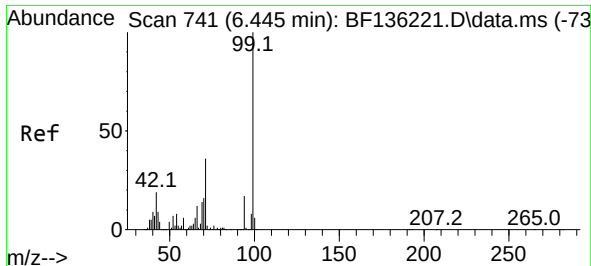
Tgt Ion:152 Resp: 122549
Ion Ratio Lower Upper
152 100
150 157.5 137.8 206.8
115 60.4 52.7 79.1



#5
2-Fluorophenol
Concen: 107.030 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

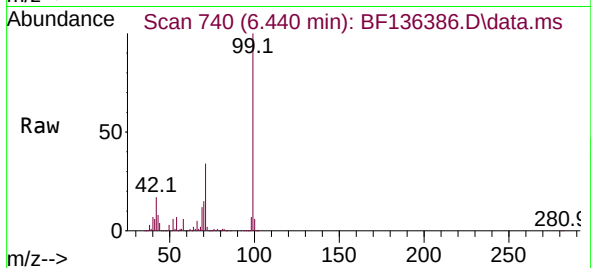
Tgt Ion:112 Resp: 942372
Ion Ratio Lower Upper
112 100
64 56.8 48.2 72.4
63 30.5 27.0 40.6





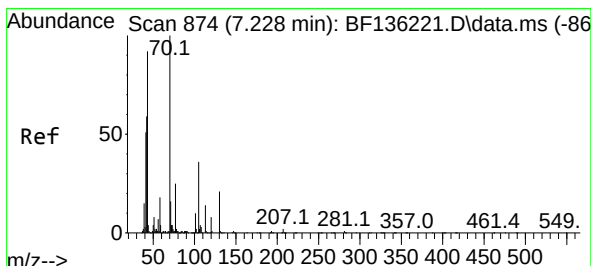
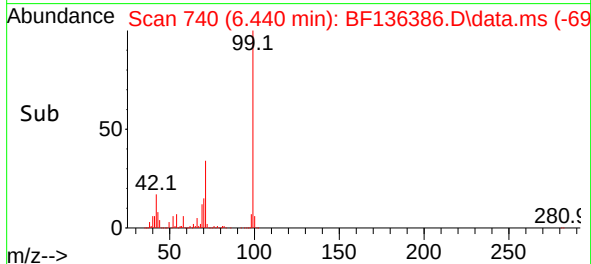
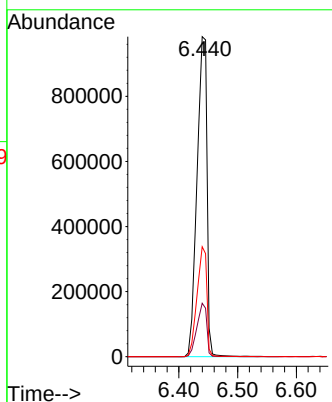
#7
Phenol-d6
Concen: 105.604 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1162610

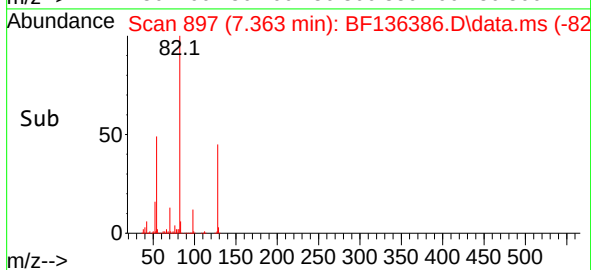
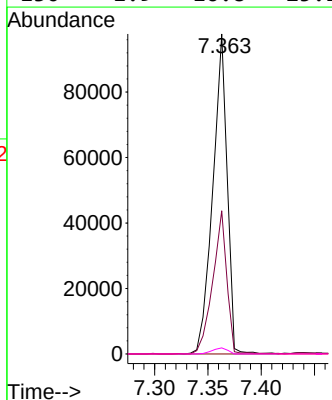
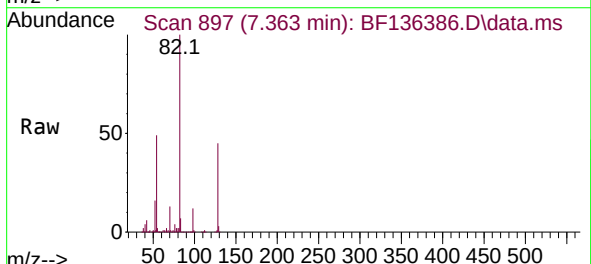
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.0	22.6
71	34.4	28.9	43.3

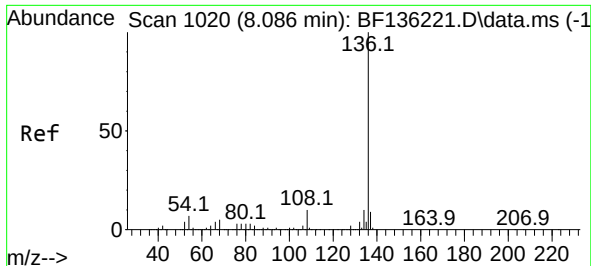


#19
n-Nitroso-di-n-propylamine
Concen: 13.888 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Tgt Ion: 70 Resp: 91447

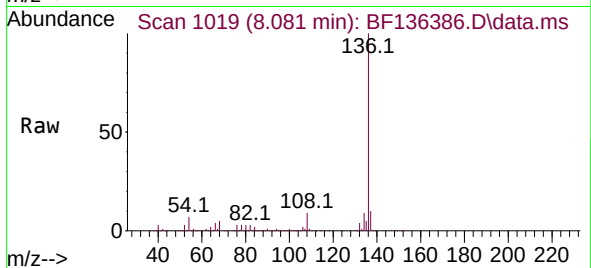
Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.0	70.4#
101	0.0	7.8	11.8#
130	1.9	16.8	25.2#



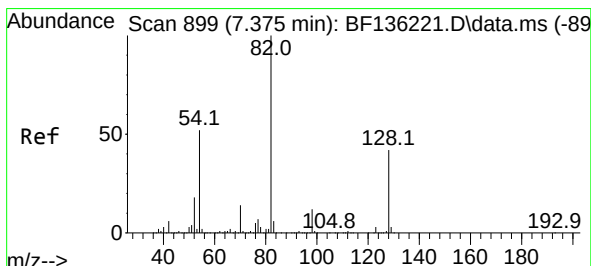
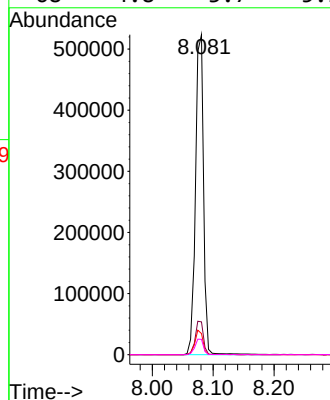
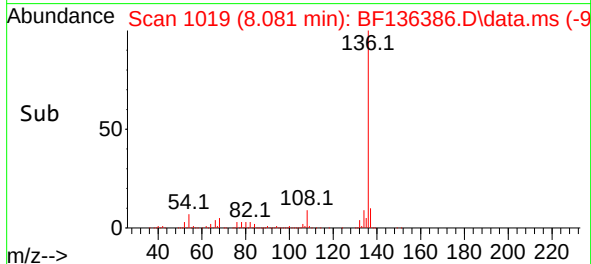


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Instrument :
BNA_F
ClientSampleId :

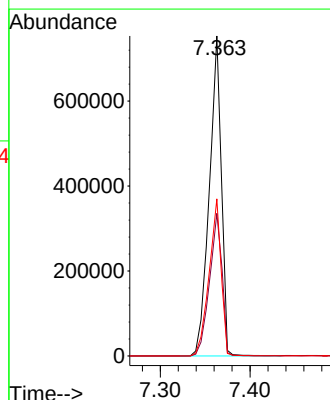
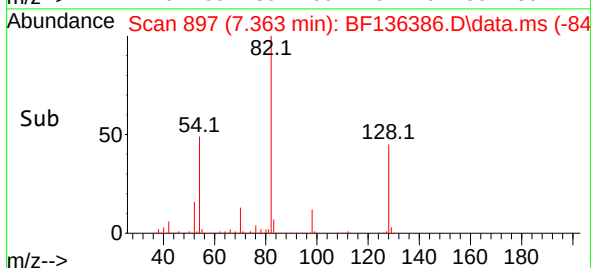
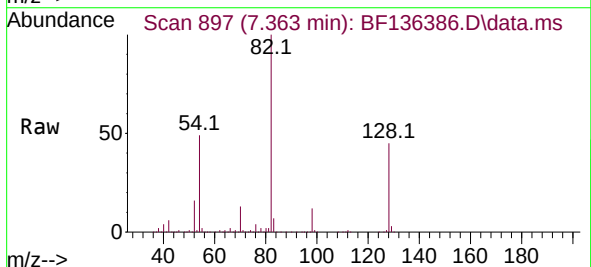


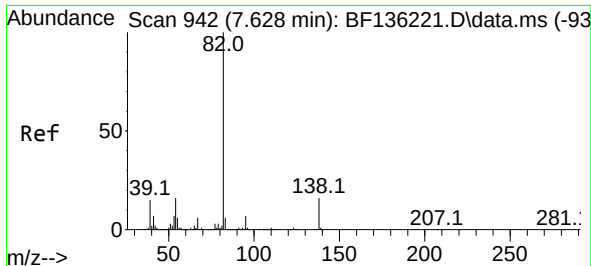
Tgt Ion:136 Resp: 479361
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 6.6 5.5 8.3
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 77.891 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

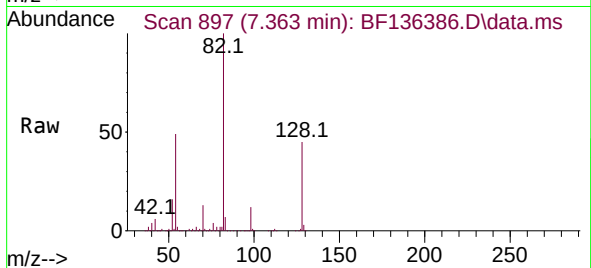
Tgt Ion: 82 Resp: 706580
Ion Ratio Lower Upper
82 100
128 44.6 33.4 50.2
54 49.1 41.7 62.5



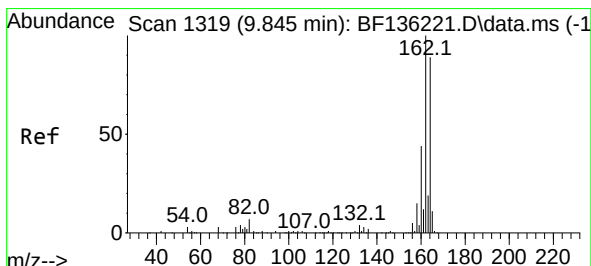
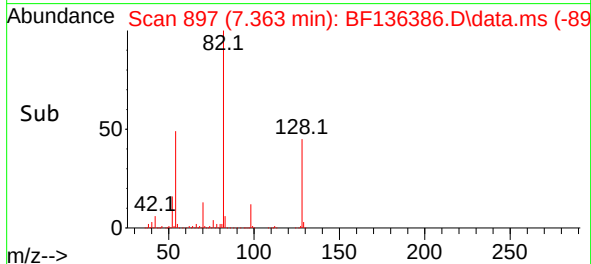
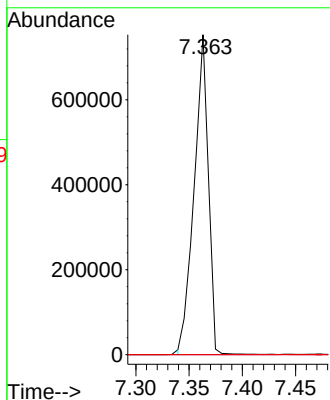


#25
Isophorone
Concen: 42.738 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Instrument :
BNA_F
ClientSampleId :

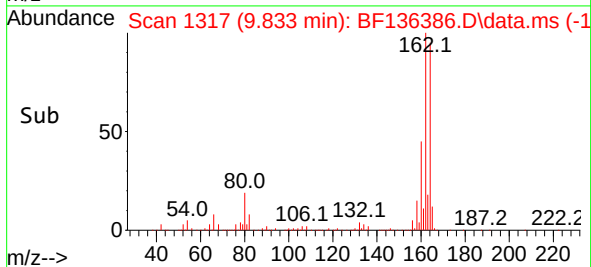
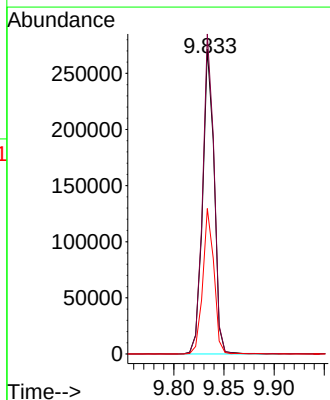
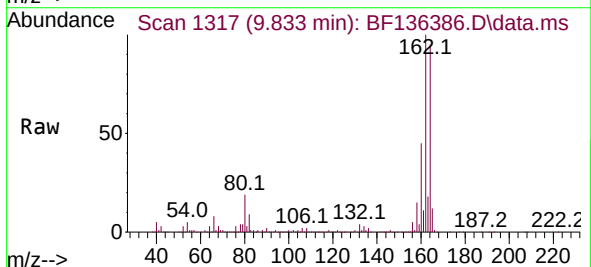


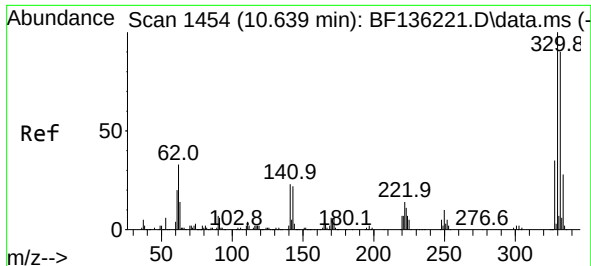
Tgt Ion: 82 Resp: 699061
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

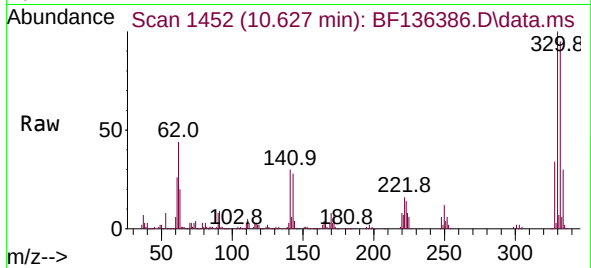
Tgt Ion: 164 Resp: 217961
Ion Ratio Lower Upper
164 100
162 104.9 89.5 134.3
160 47.7 39.6 59.4



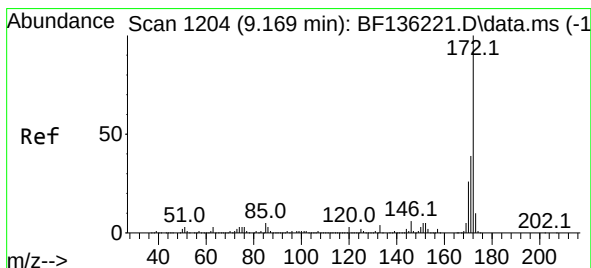
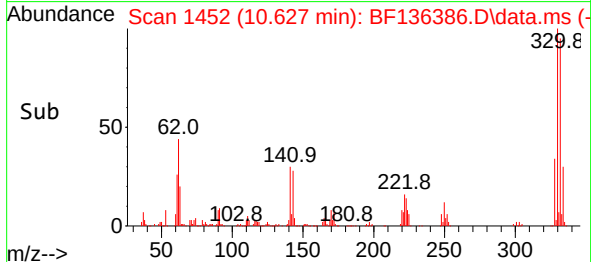
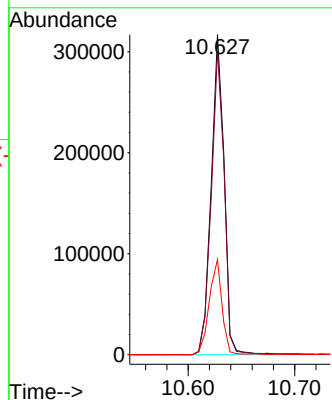


#42
2,4,6-Tribromophenol
Concen: 100.788 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Instrument :
BNA_F
ClientSampleId :

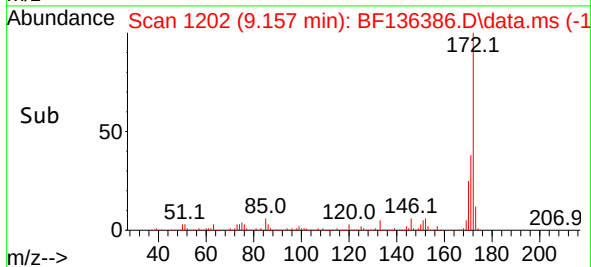
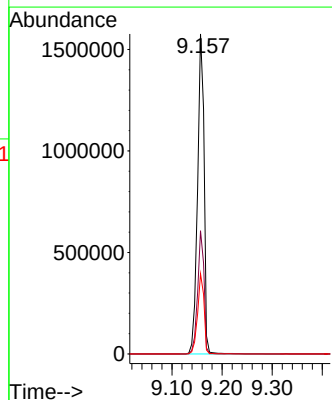
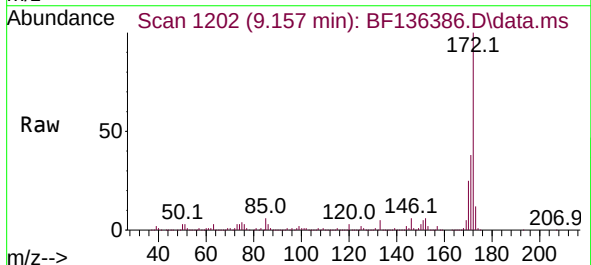


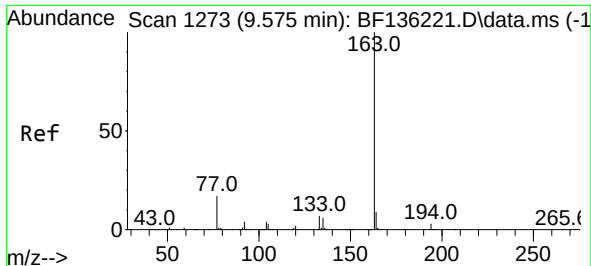
Tgt Ion:330 Resp: 268574
Ion Ratio Lower Upper
330 100
332 95.6 73.0 109.6
141 29.8 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 83.340 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Tgt Ion:172 Resp: 1422118
Ion Ratio Lower Upper
172 100
171 38.5 31.5 47.3
170 25.0 20.8 31.2

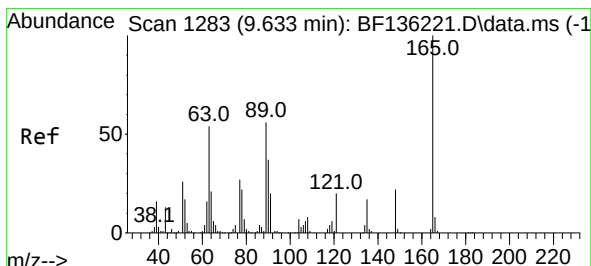
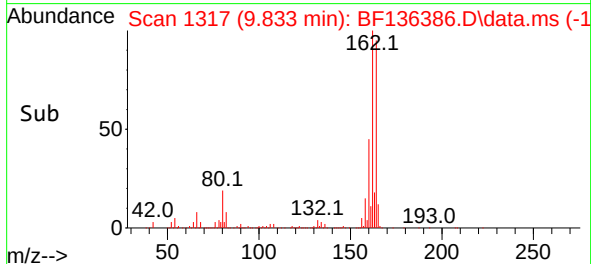
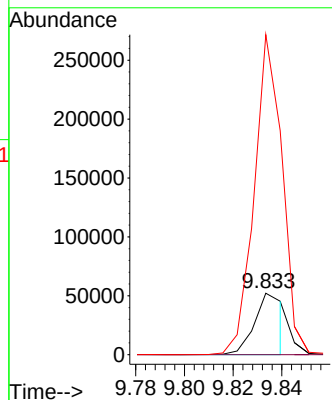
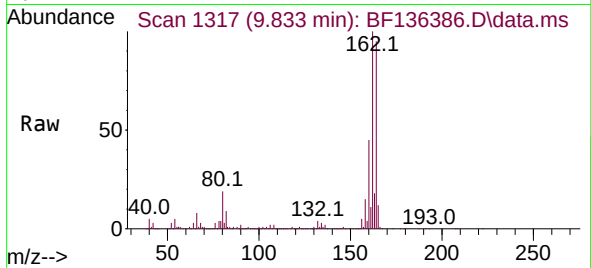




#50
Dimethylphthalate
Concen: 2.600 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

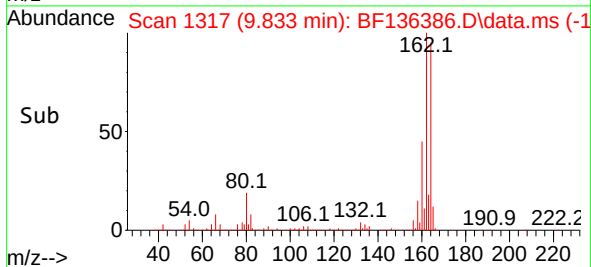
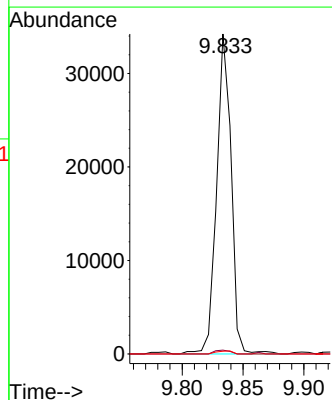
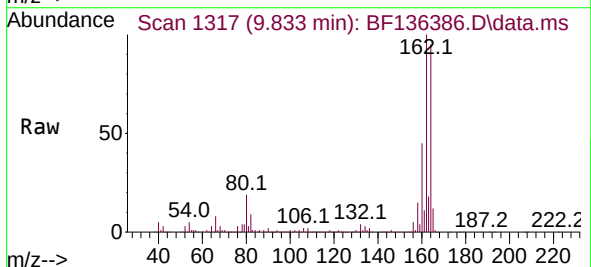
Instrument :
BNA_F
ClientSampleId :

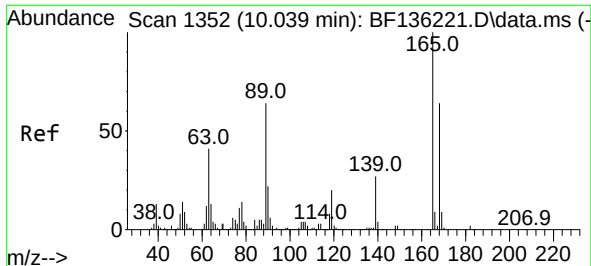
Tgt Ion:163 Resp: 42840
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 520.3 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.462 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

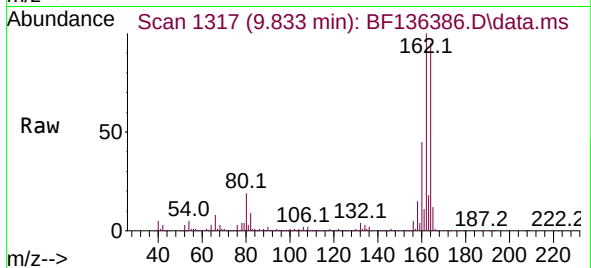
Tgt Ion:165 Resp: 28479
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 0.8 44.9 67.3#



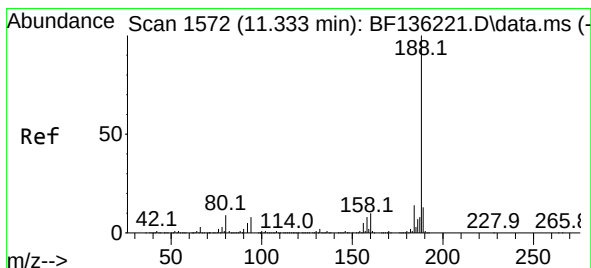
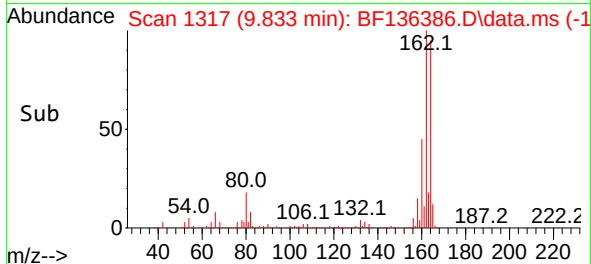
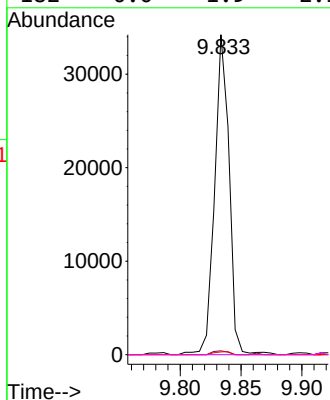


#57
2,4-Dinitrotoluene
Concen: 6.335 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Instrument :
BNA_F
ClientSampleId :

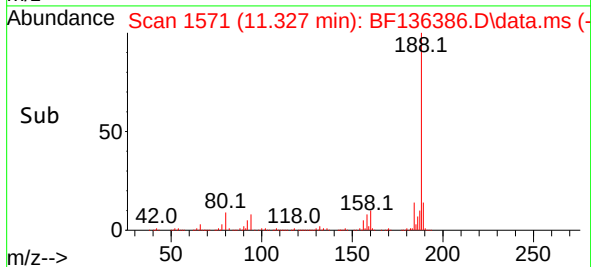
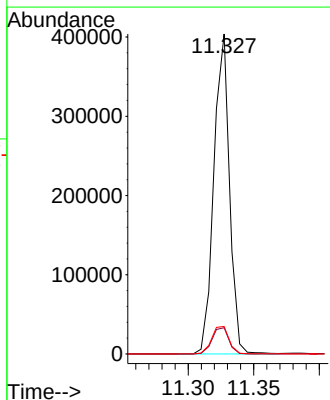
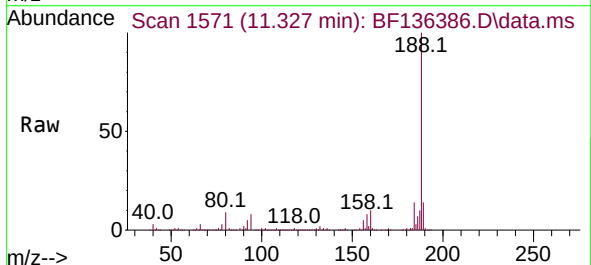


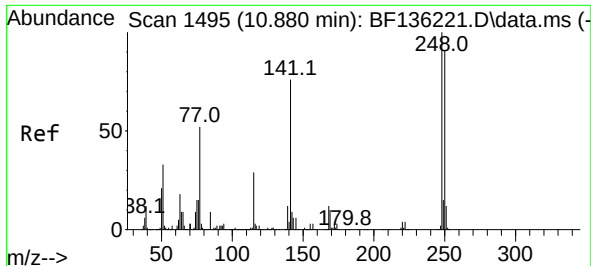
Tgt Ion:165 Resp: 28479
Ion Ratio Lower Upper
165 100
63 1.2 33.0 49.4#
89 0.8 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Tgt Ion:188 Resp: 334140
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.6 7.2 10.8





#67

4-Bromophenyl-phenylether

Concen: 4.091 ng

RT: 10.627 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF136386.D

Acq: 04 Dec 2023 17:27

Instrument :

BNA_F

ClientSampleId :

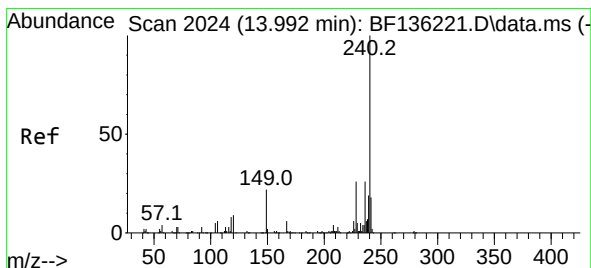
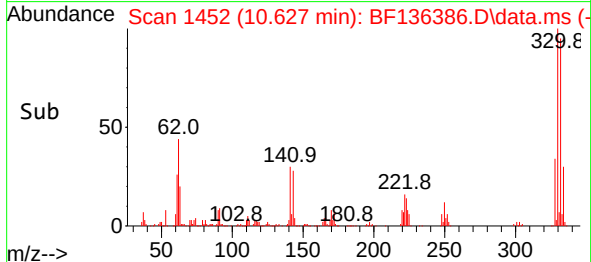
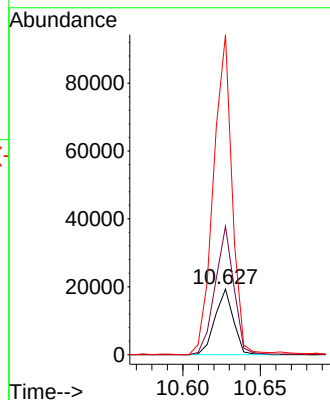
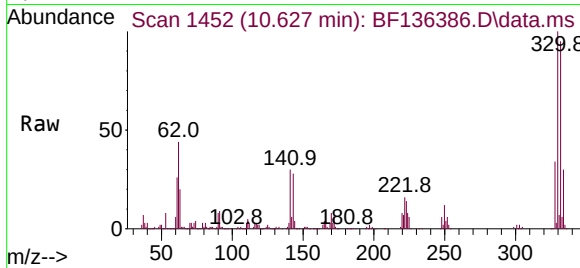
Tgt Ion:248 Resp: 15949

Ion Ratio Lower Upper

248 100

250 195.8 72.5 108.7#

141 488.1 60.8 91.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136386.D

Acq: 04 Dec 2023 17:27

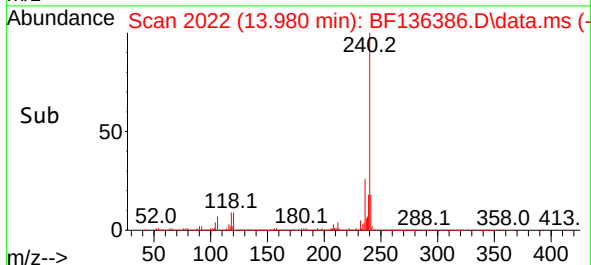
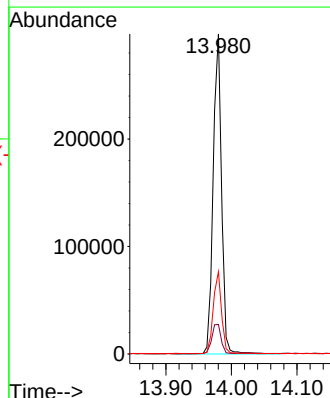
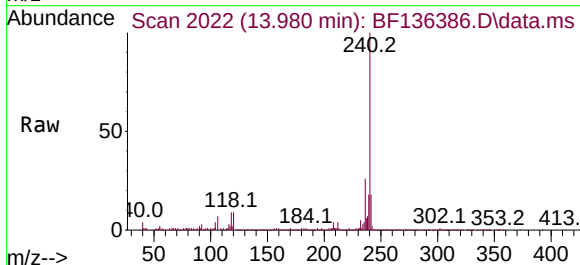
Tgt Ion:240 Resp: 265926

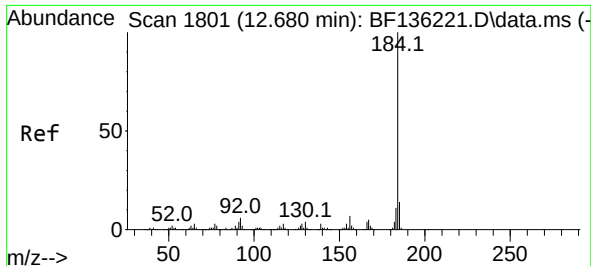
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.2

236 25.7 21.1 31.7

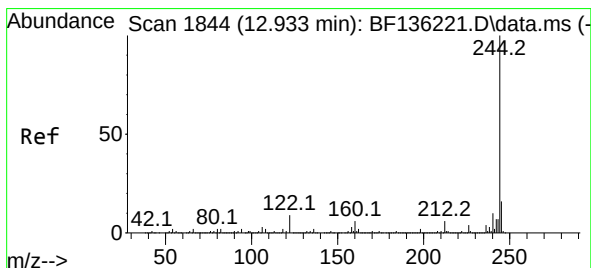
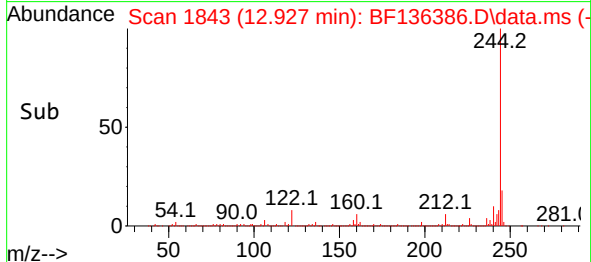
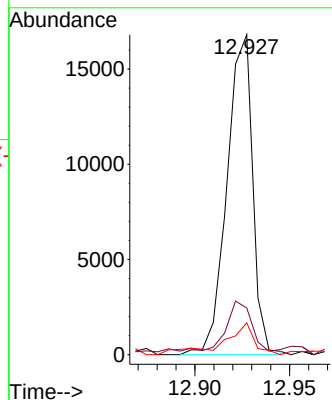
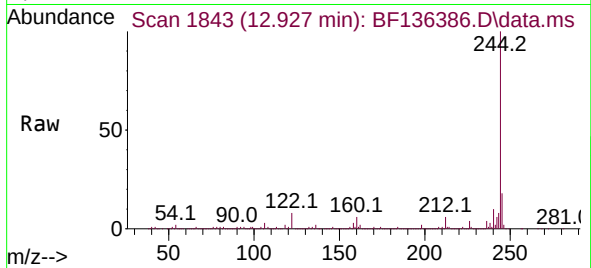




#77
Benzidine
Concen: 3.627 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.259 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

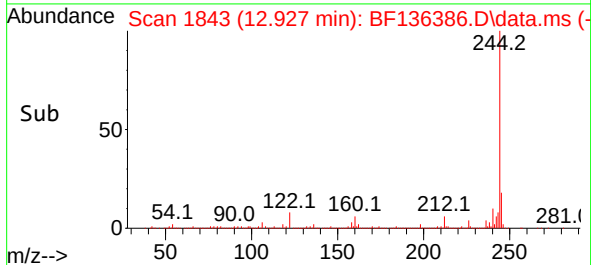
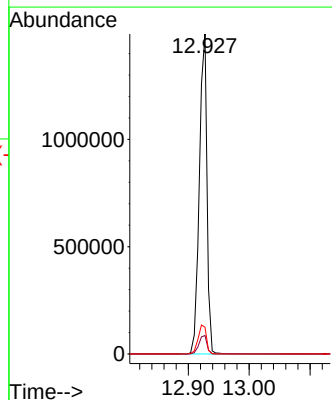
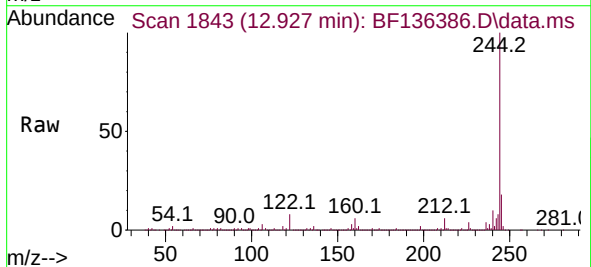
Instrument :
BNA_F
ClientSampleId :

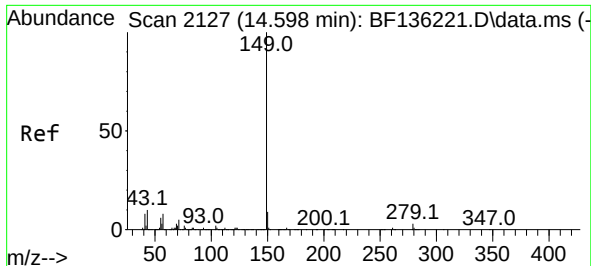
Tgt Ion:184 Resp: 15853
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.6
183 9.9 9.0 13.4



#79
Terphenyl-d14
Concen: 56.321 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Tgt Ion:244 Resp: 1298435
Ion Ratio Lower Upper
244 100
212 5.7 4.6 7.0
122 8.4 7.3 10.9

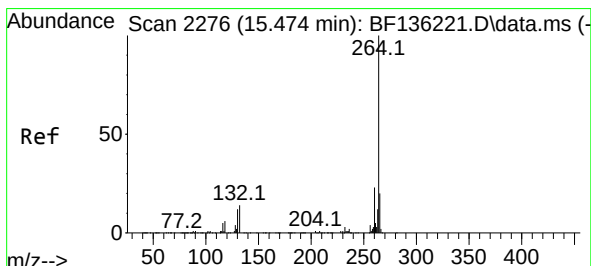
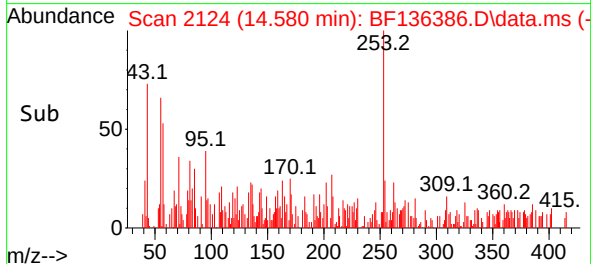
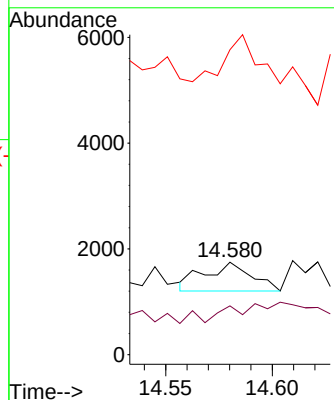
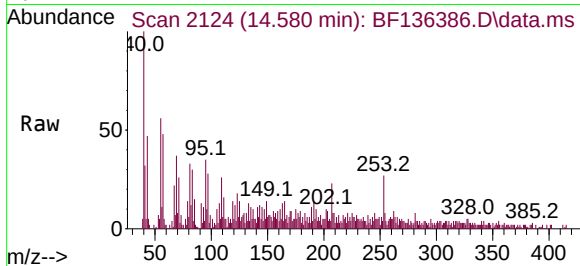




#85
Di-n-octyl phthalate
Concen: 5.205 ng
RT: 14.580 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

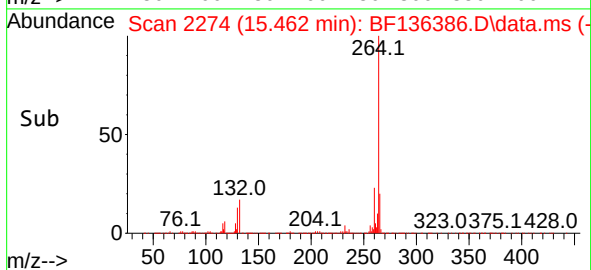
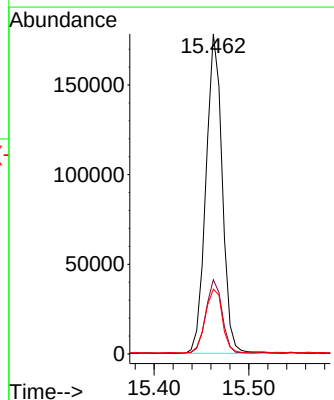
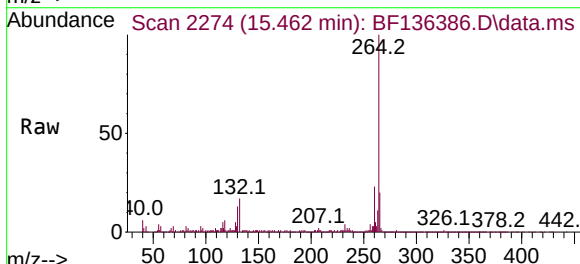
Instrument :
BNA_F
ClientSampleId :

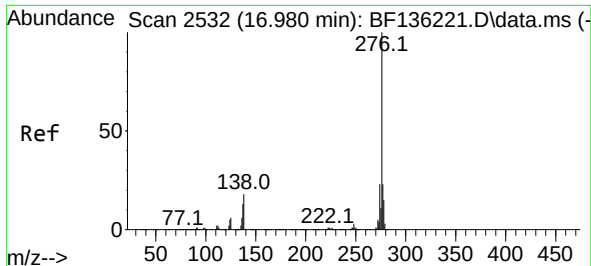
Tgt Ion:149 Resp: 833
Ion Ratio Lower Upper
149 100
167 51.1 1.0 1.6#
43 242.0 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Tgt Ion:264 Resp: 211723
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 20.2 15.7 23.5

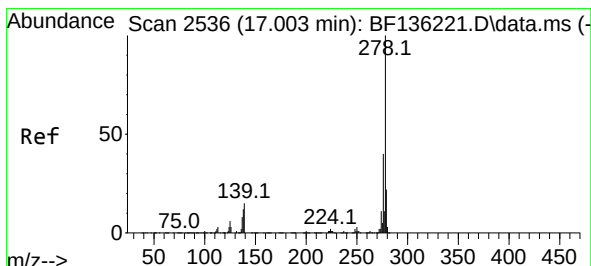
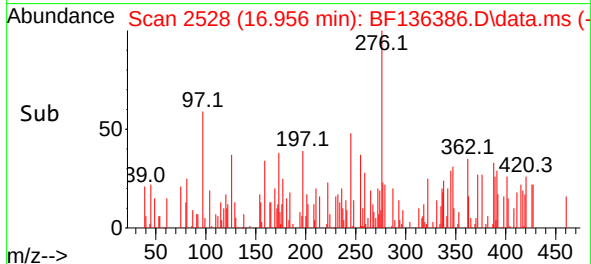
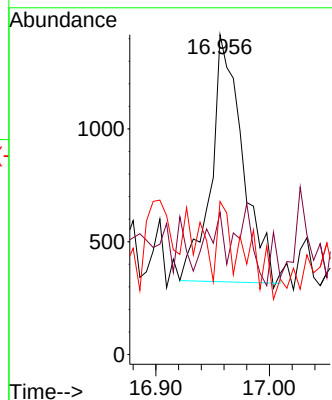
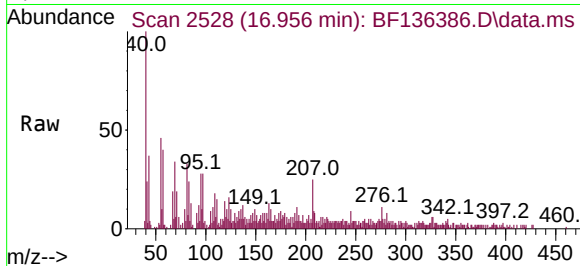




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.805 ng
 RT: 16.956 min Scan# 2101
 Delta R.T. -0.006 min
 Lab File: BF136386.D
 Acq: 04 Dec 2023 17:27

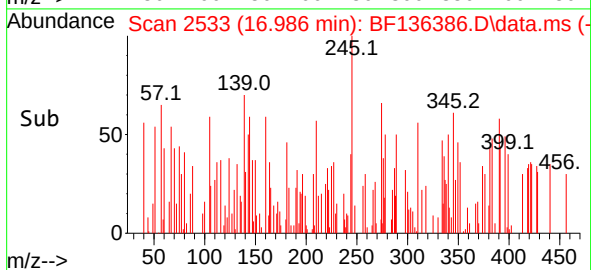
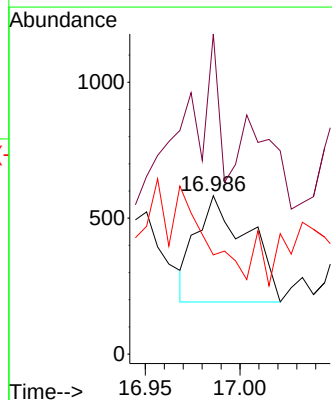
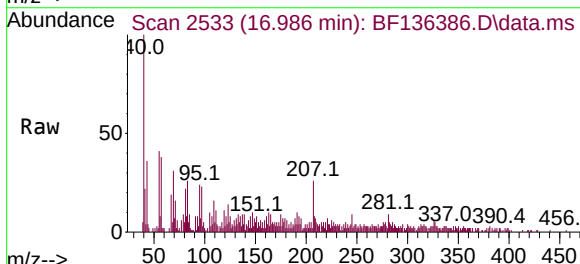
Instrument :
 BNA_F
 ClientSampleId :

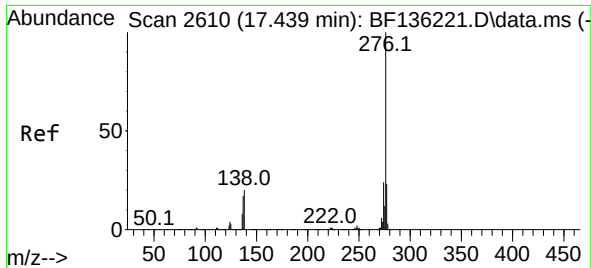
Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.6	17.7	26.5#
277	11.6	19.6	29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 2.768 ng
 RT: 16.986 min Scan# 2533
 Delta R.T. -0.006 min
 Lab File: BF136386.D
 Acq: 04 Dec 2023 17:27

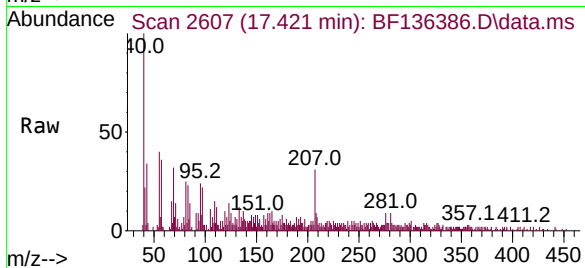
Tgt Ion	Ratio	Lower	Upper
278	100		
139	202.1	11.7	17.5#
279	62.6	17.8	26.8#





#92
Benzo(g,h,i)perylene
Concen: 2.087 ng
RT: 17.421 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 276 Resp: 2474
Ion Ratio Lower Upper
276 100
277 41.4 18.6 27.8#
138 59.4 15.8 23.8#

