

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136244.D
 Acq On : 28 Nov 2023 12:27
 Operator : CG\JU
 Sample : PB156994TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156994TB

Quant Time: Nov 28 12:46:50 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)

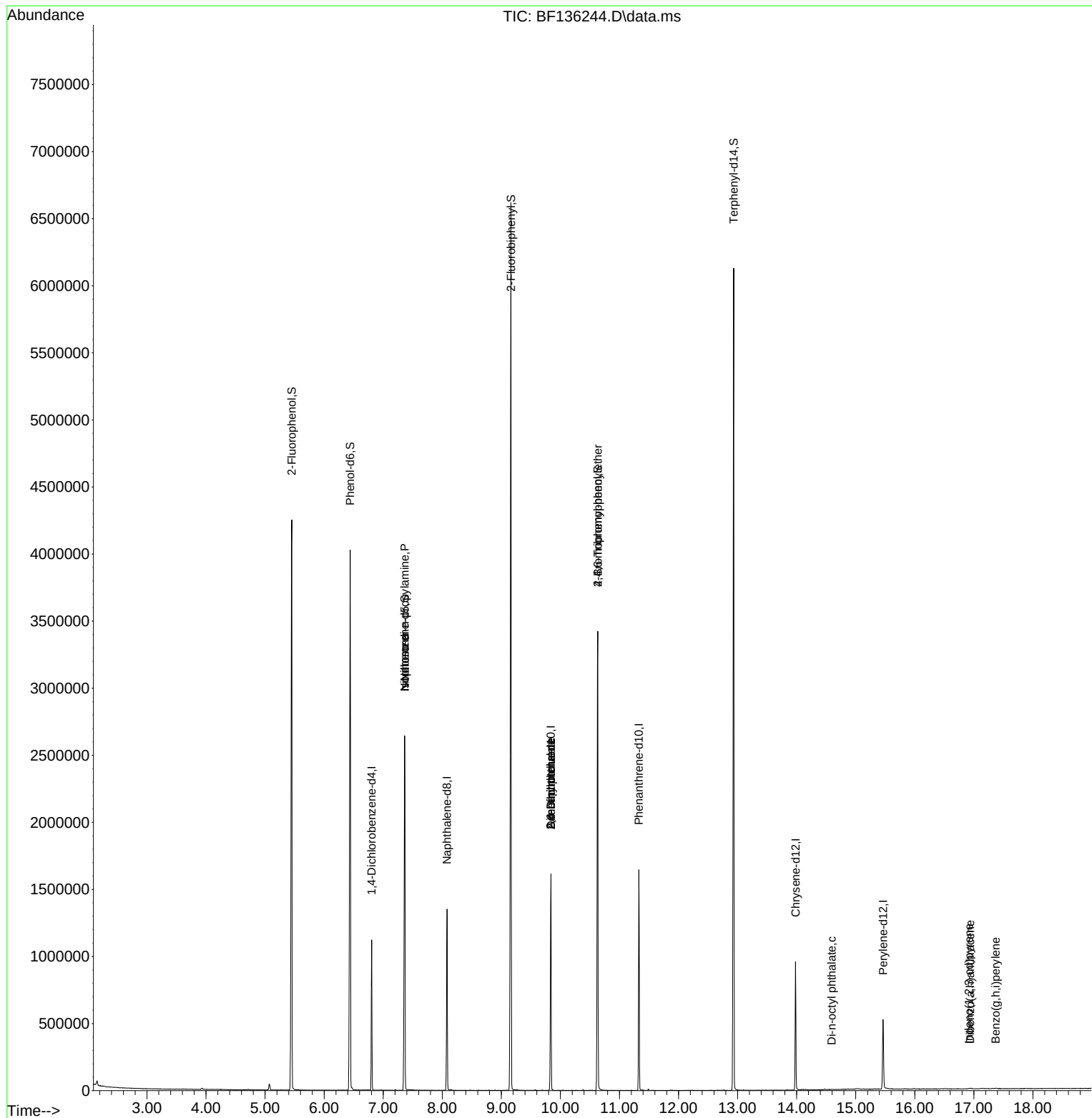
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	145342	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	617943	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	316652	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	598234	20.000	ng	0.00
76) Chrysene-d12	13.980	240	307825	20.000	ng	-0.01
86) Perylene-d12	15.463	264	249477	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1324243	126.815	ng	0.01
7) Phenol-d6	6.440	99	1627080	124.616	ng	0.00
23) Nitrobenzene-d5	7.363	82	1011943	86.536	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	494166	127.647	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2132856	86.035	ng	0.00
79) Terphenyl-d14	12.933	244	2293174	85.930	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	134077	17.169	ng	# 76
25) Isophorone	7.363	82	1007349	47.774	ng	# 68
50) Dimethylphthalate	9.839	163	67094	2.803	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	38850	7.946	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	38850	5.948	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	27097	3.882	ng	# 1
85) Di-n-octyl phthalate	14.592	149	926	5.203	ng	# 8
87) Indeno(1,2,3-cd)pyrene	16.915	276	5895	2.978	ng	# 63
91) Dibenzo(a,h)anthracene	16.939	278	4297	2.984	ng	# 86
92) Benzo(g,h,i)perylene	17.368	276	4217	2.170	ng	# 89

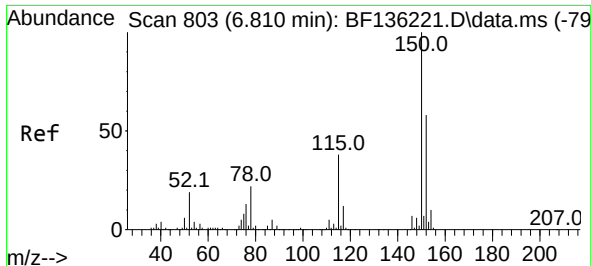
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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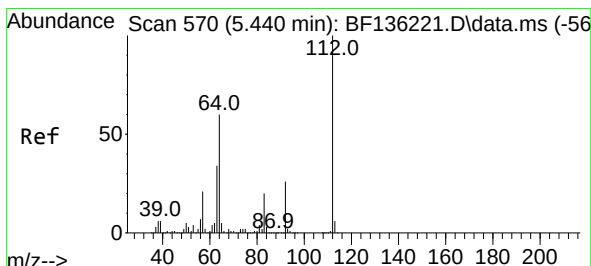
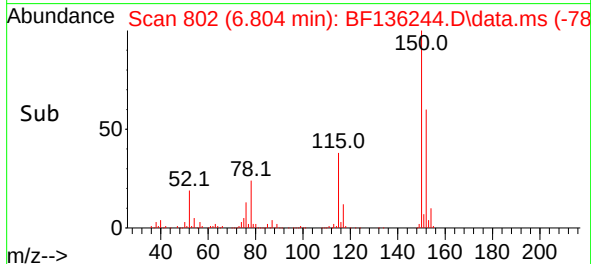
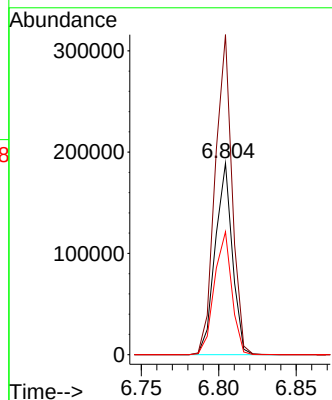
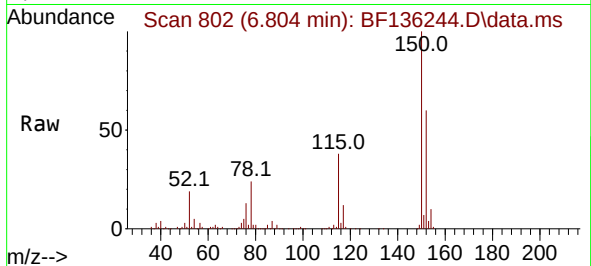




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

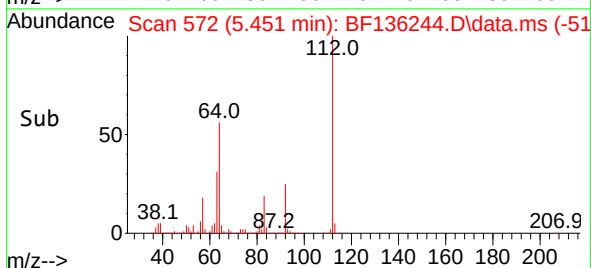
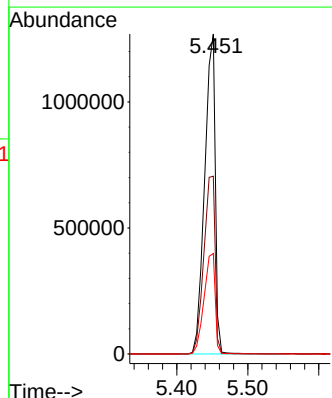
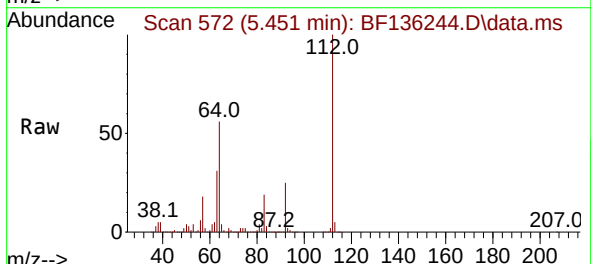
Instrument :
BNA_F
ClientSampleId :
PB156994TB

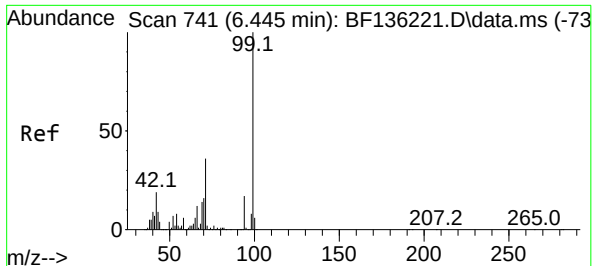
Tgt Ion:152 Resp: 145342
Ion Ratio Lower Upper
152 100
150 167.1 137.8 206.8
115 64.1 52.7 79.1



#5
2-Fluorophenol
Concen: 126.815 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion:112 Resp: 1324243
Ion Ratio Lower Upper
112 100
64 55.6 48.2 72.4
63 31.4 27.0 40.6

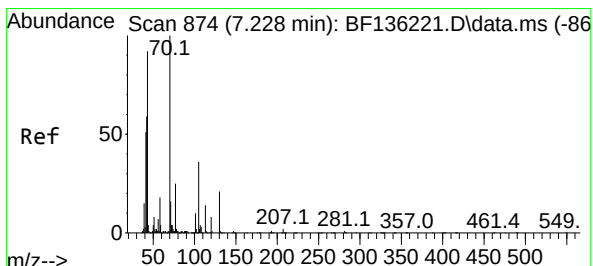
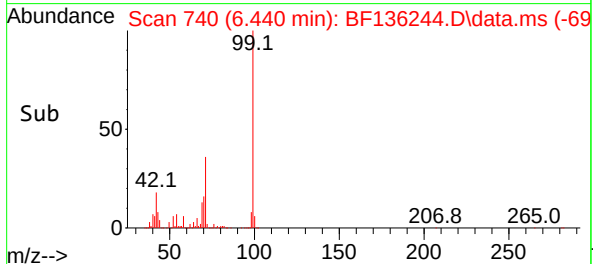
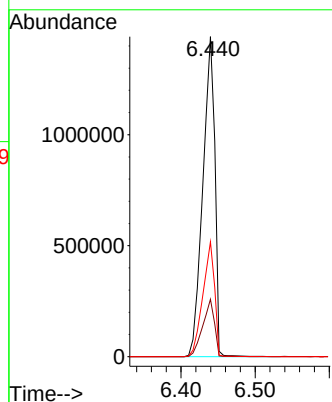
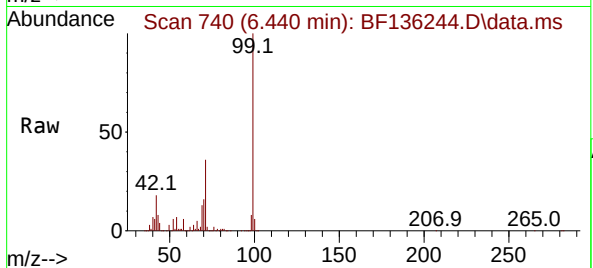




#7
Phenol-d6
Concen: 124.616 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

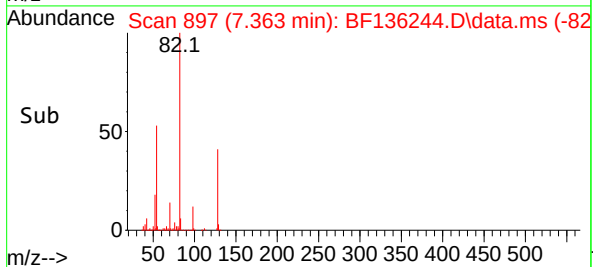
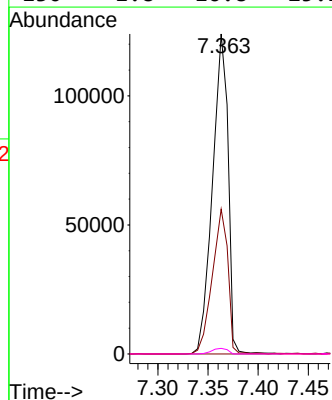
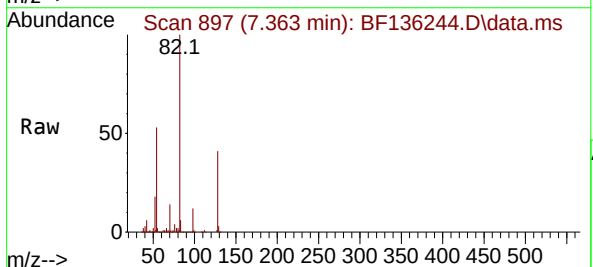
Instrument :
BNA_F
ClientSampleId :
PB156994TB

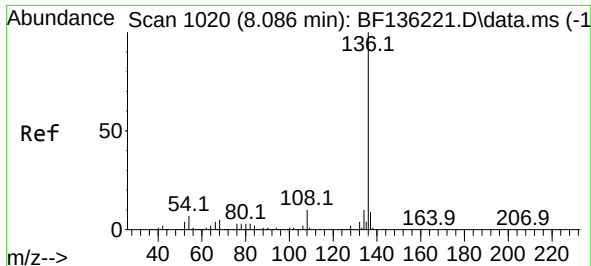
Tgt Ion: 99 Resp: 1627080
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 35.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.169 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion: 70 Resp: 134077
Ion Ratio Lower Upper
70 100
42 45.3 47.0 70.4#
101 0.0 7.8 11.8#
130 1.8 16.8 25.2#

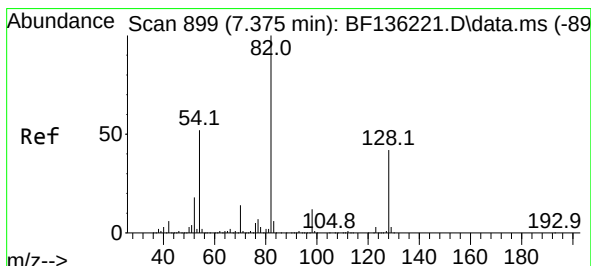
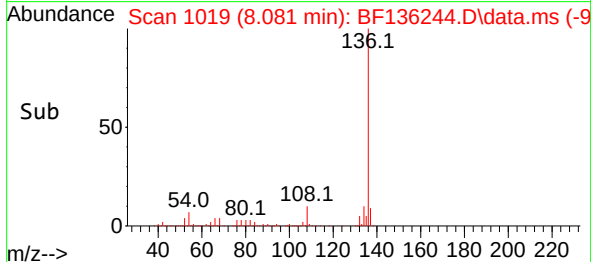
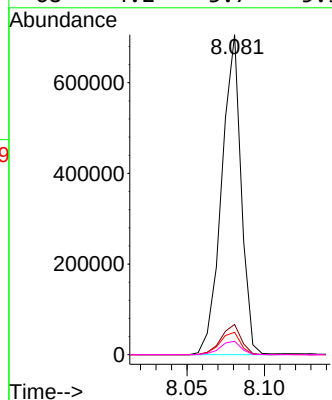
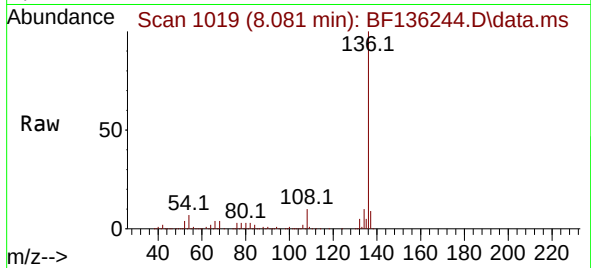




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

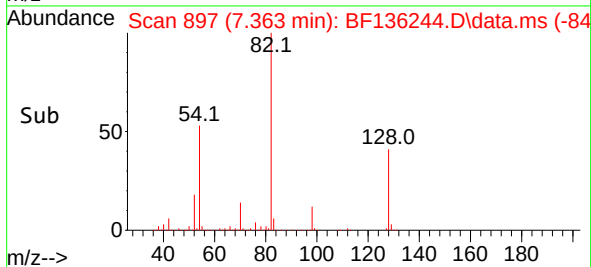
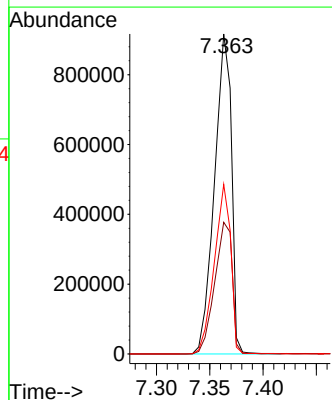
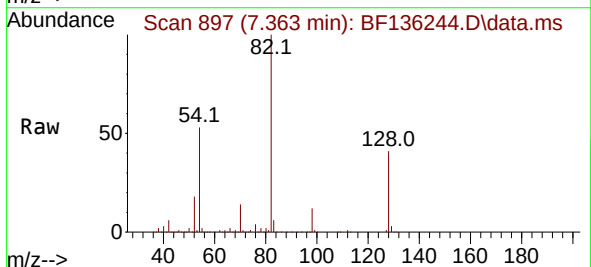
Instrument :
BNA_F
ClientSampleId :
PB156994TB

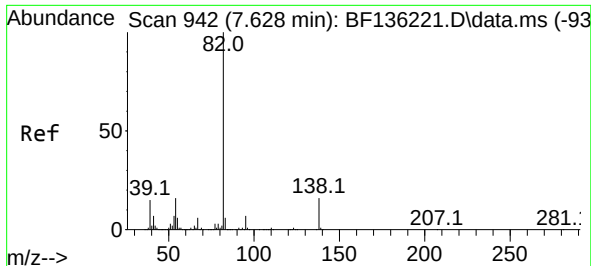
Tgt Ion:136 Resp: 617943
Ion Ratio Lower Upper
136 100
137 9.4 7.4 11.2
54 7.0 5.5 8.3
68 4.2 3.7 5.5



#23
Nitrobenzene-d5
Concen: 86.536 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion: 82 Resp: 1011943
Ion Ratio Lower Upper
82 100
128 41.2 33.4 50.2
54 53.0 41.7 62.5

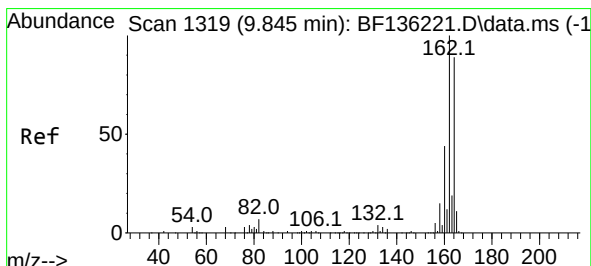
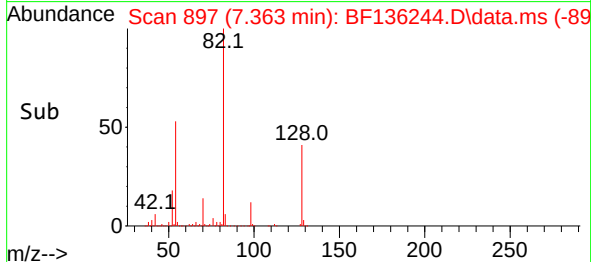
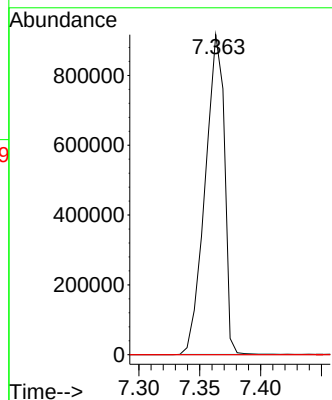
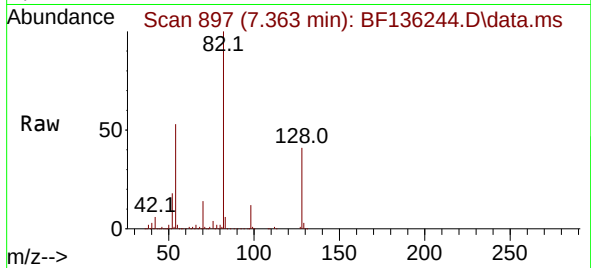




#25
Isophorone
Concen: 47.774 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

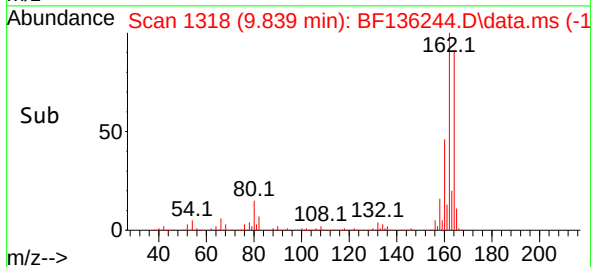
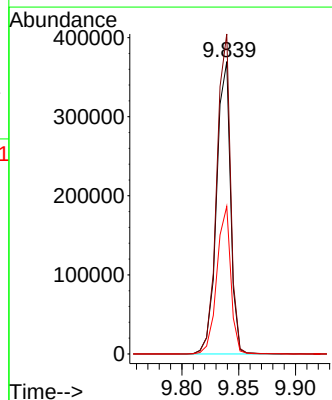
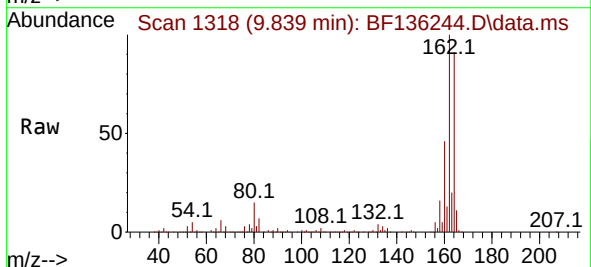
Instrument :
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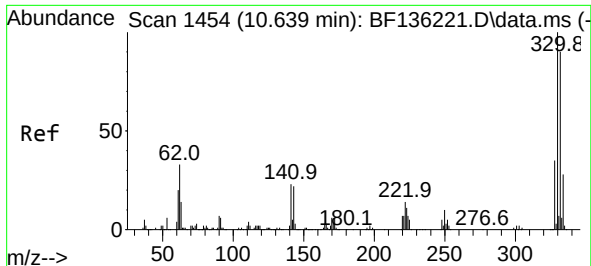
Tgt Ion: 82 Resp: 1007349
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion:164 Resp: 316652
Ion Ratio Lower Upper
164 100
162 109.5 89.5 134.3
160 50.5 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 127.647 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136244.D

Acq: 28 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156994TB

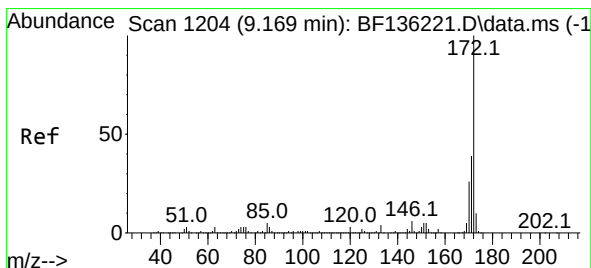
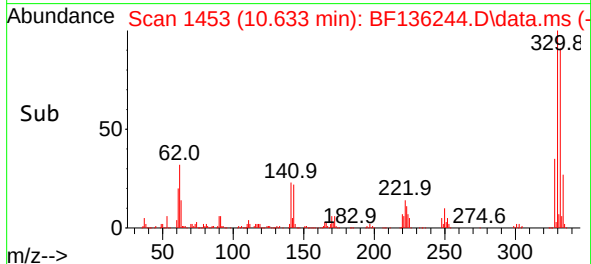
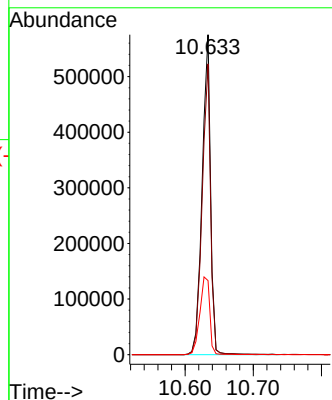
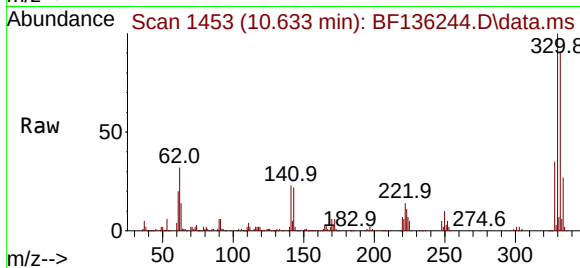
Tgt Ion:330 Resp: 494166

Ion Ratio Lower Upper

330 100

332 91.4 73.0 109.6

141 28.6 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 86.035 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136244.D

Acq: 28 Nov 2023 12:27

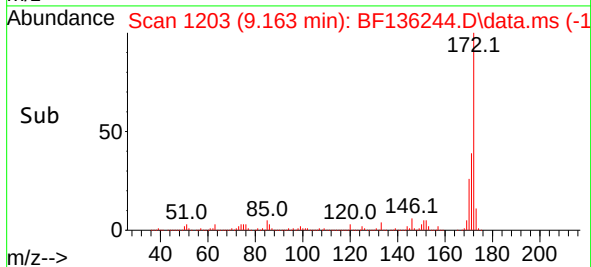
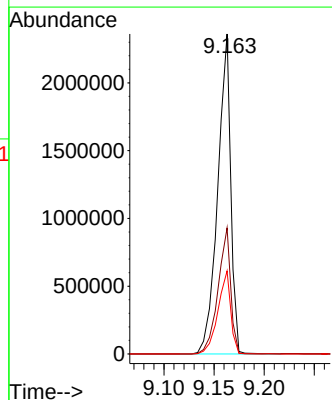
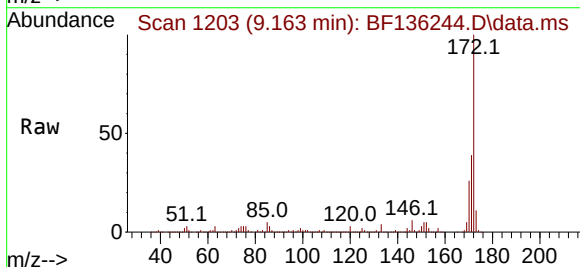
Tgt Ion:172 Resp: 2132856

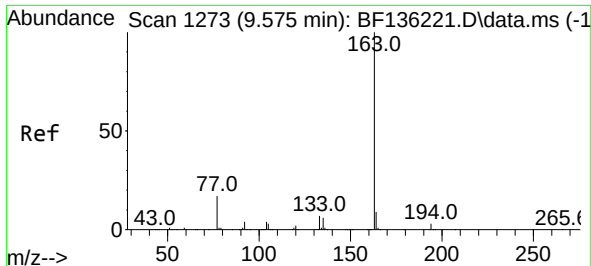
Ion Ratio Lower Upper

172 100

171 39.4 31.5 47.3

170 26.0 20.8 31.2

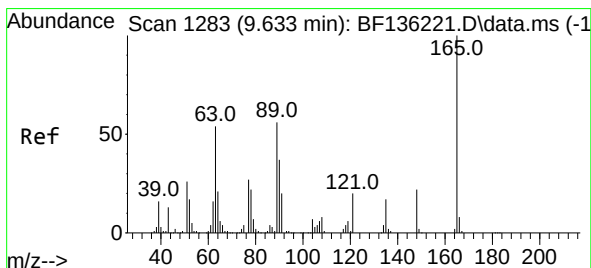
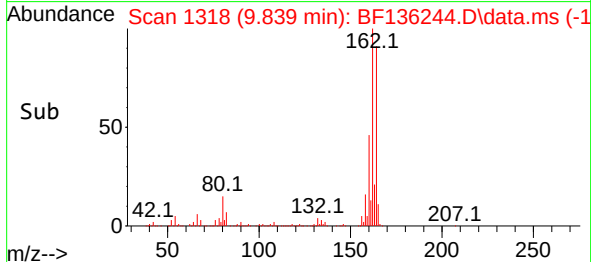
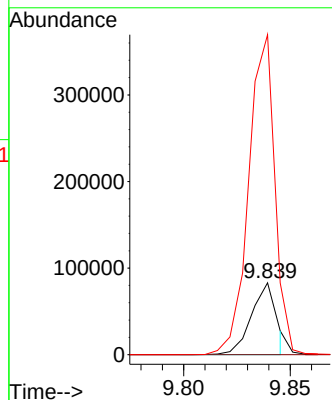
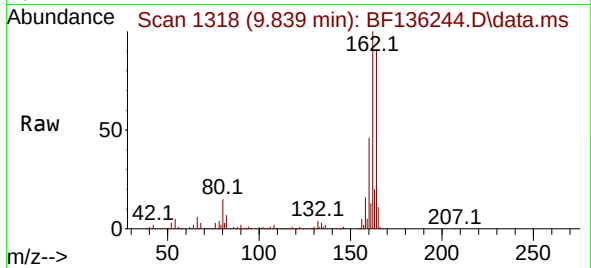




#50
Dimethylphthalate
Concen: 2.803 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

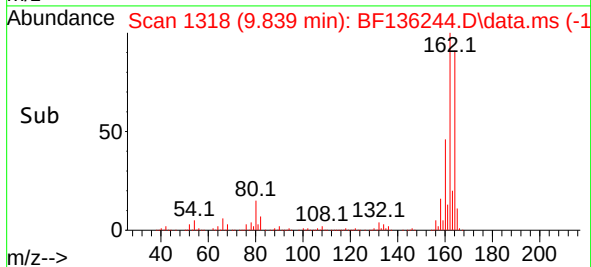
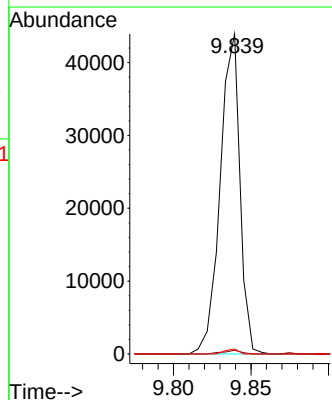
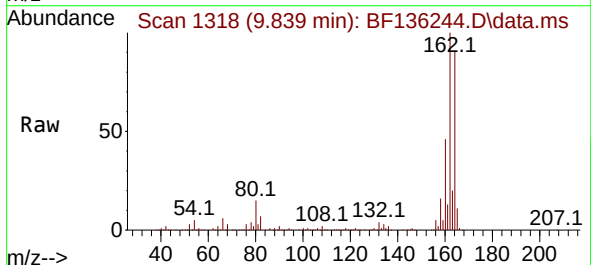
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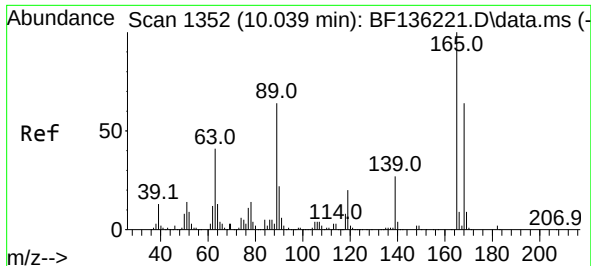
Tgt Ion:163 Resp: 67094
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 445.9 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.946 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion:165 Resp: 38850
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 1.6 44.9 67.3#

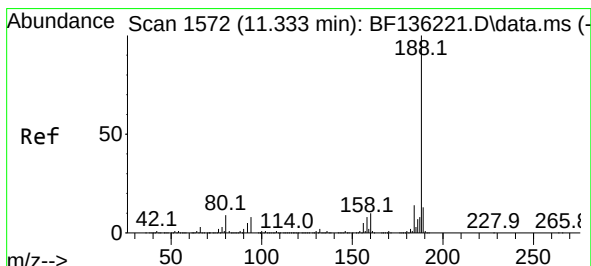
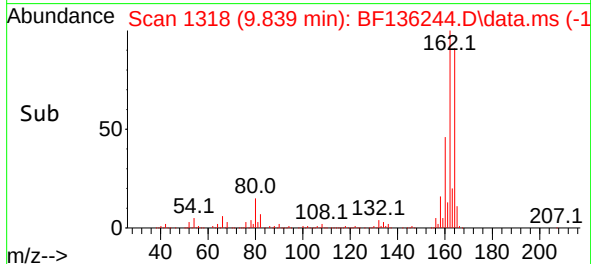
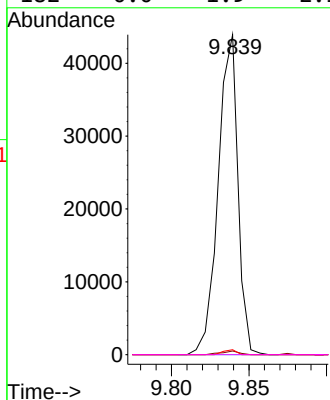
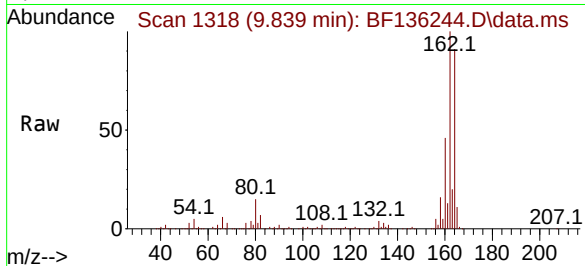




#57
2,4-Dinitrotoluene
Concen: 5.948 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

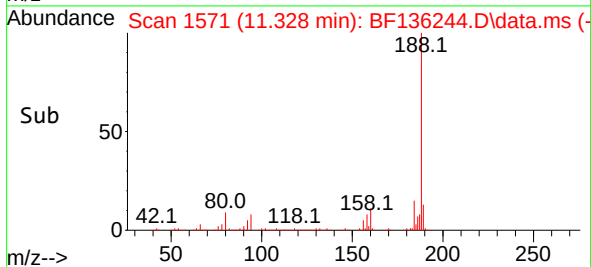
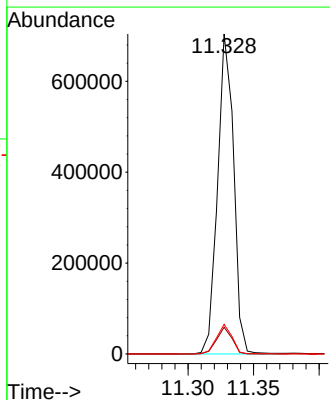
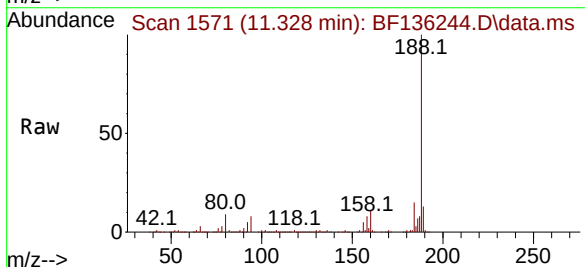
Instrument :
BNA_F
ClientSampleId :
PB156994TB

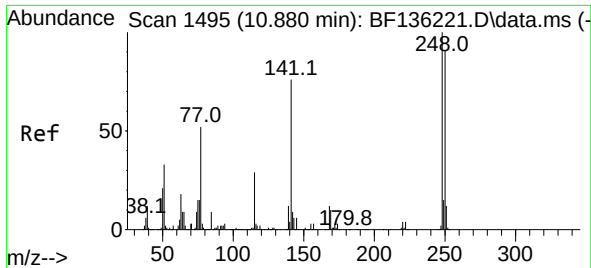
Tgt Ion:165 Resp: 38850
Ion Ratio Lower Upper
165 100
63 1.2 33.0 49.4#
89 1.6 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion:188 Resp: 598234
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.3 7.2 10.8

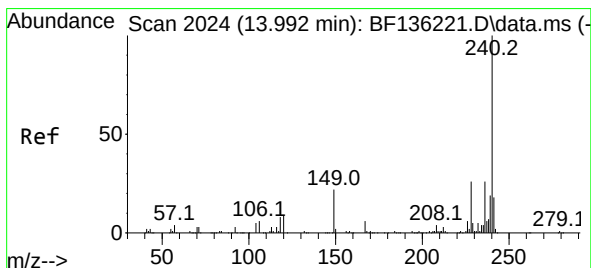
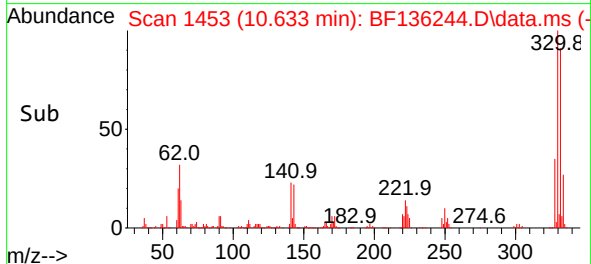
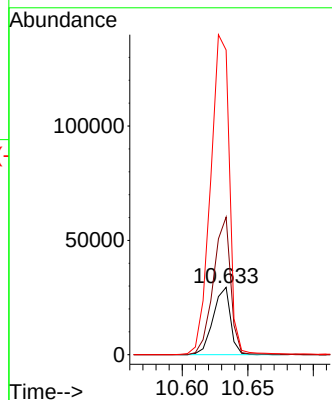
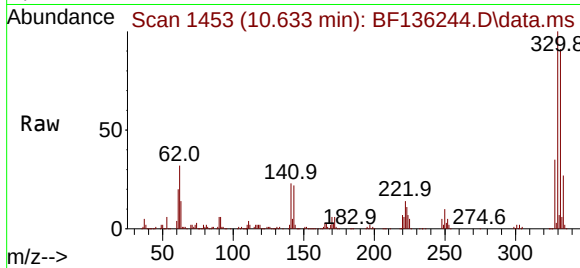




#67
4-Bromophenyl-phenylether
Concen: 3.882 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

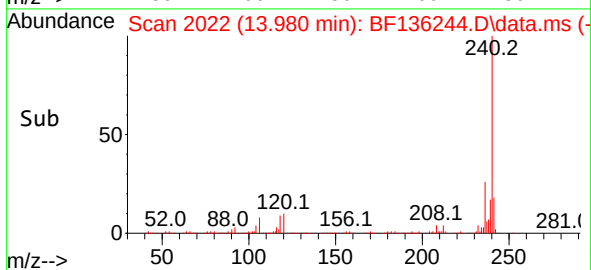
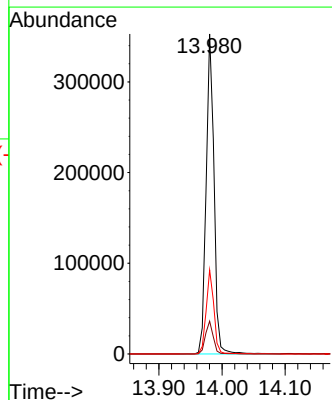
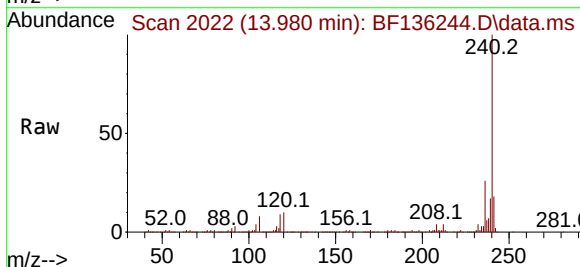
Instrument :
BNA_F
ClientSampleId :
PB156994TB

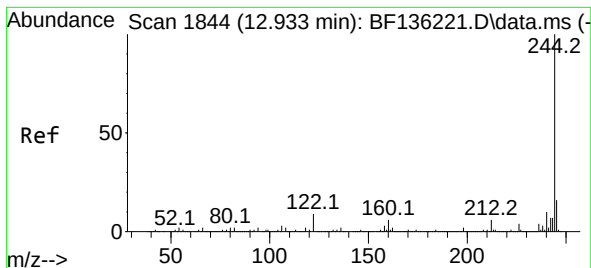
Tgt Ion:248 Resp: 27097
Ion Ratio Lower Upper
248 100
250 204.3 72.5 108.7#
141 452.4 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion:240 Resp: 307825
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.2
236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 85.930 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136244.D

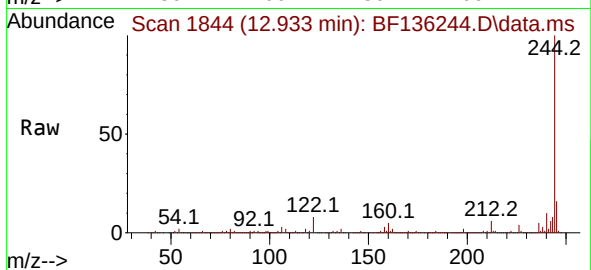
Acq: 28 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156994TB



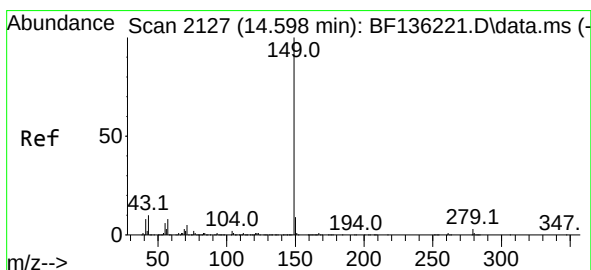
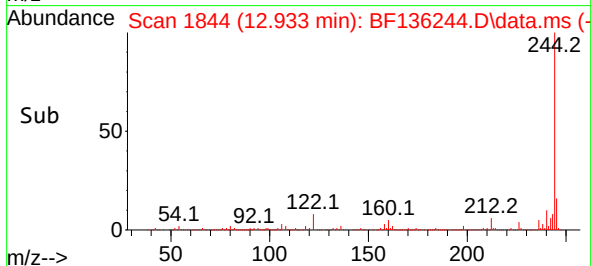
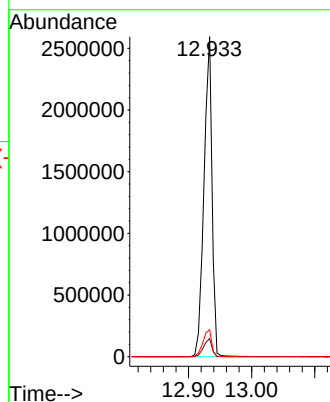
Tgt Ion:244 Resp: 2293174

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: 5.203 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF136244.D

Acq: 28 Nov 2023 12:27

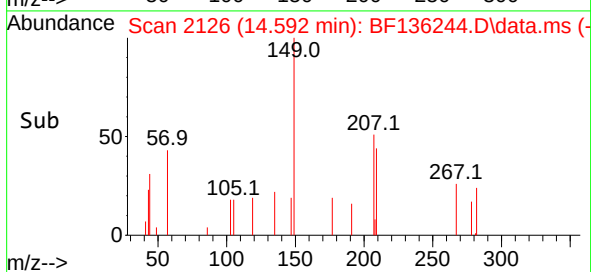
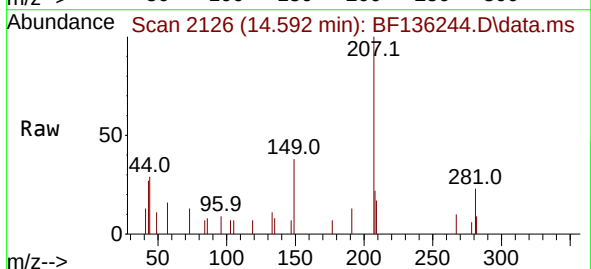
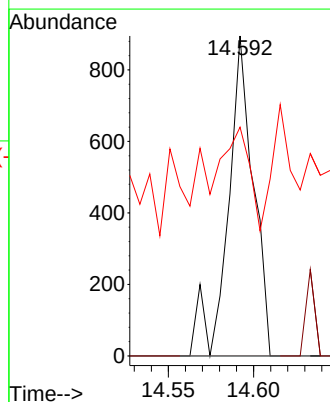
Tgt Ion:149 Resp: 926

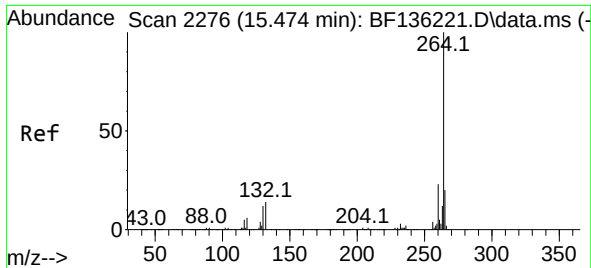
Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

43 47.0 7.2 10.8#

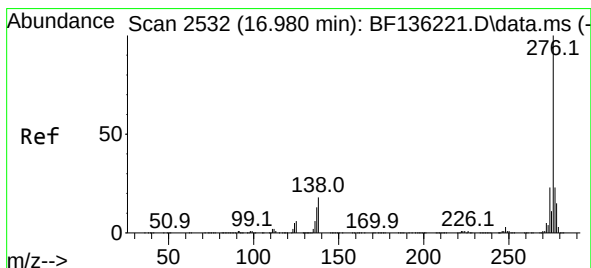
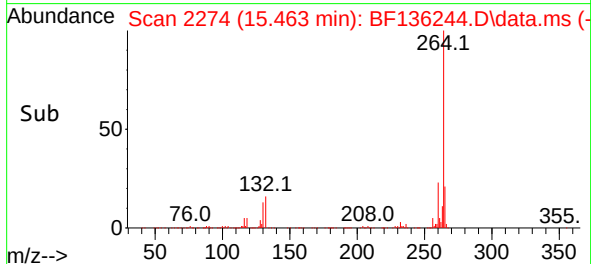
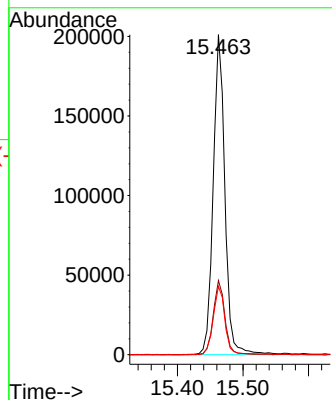
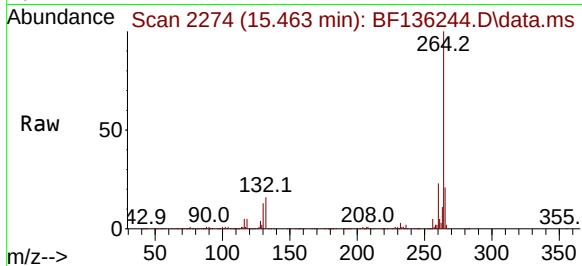




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

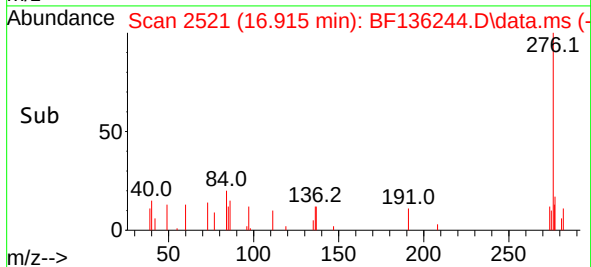
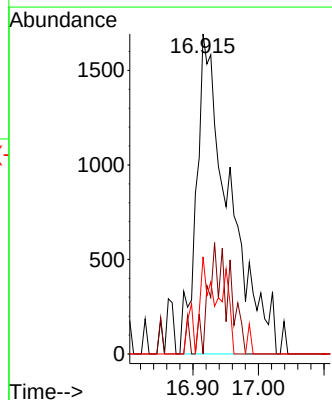
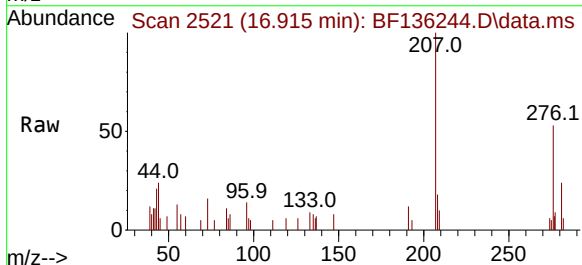
Instrument :
BNA_F
ClientSampleId :
PB156994TB

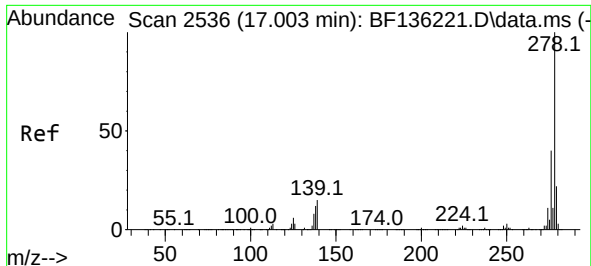
Tgt Ion:264 Resp: 249477
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.3 15.7 23.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.978 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.065 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion:276 Resp: 5895
Ion Ratio Lower Upper
276 100
138 0.0 17.7 26.5#
277 10.0 19.6 29.4#

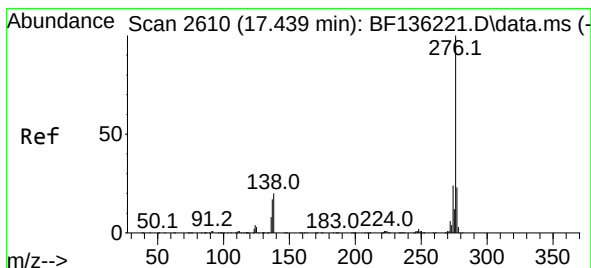
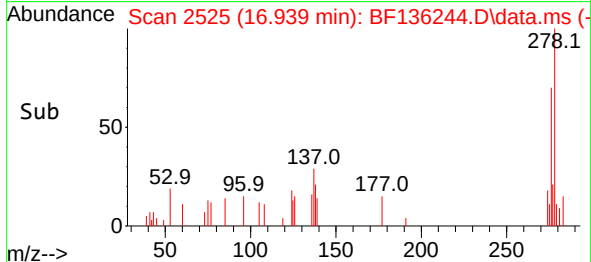
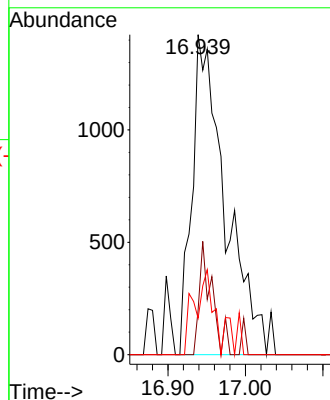
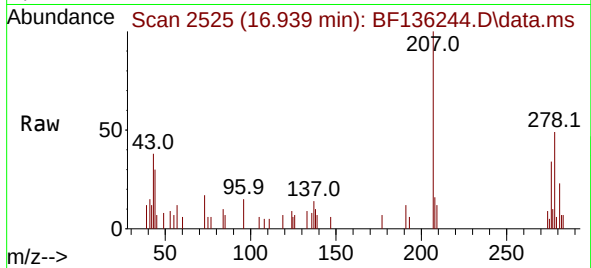




#91
Dibenzo(a,h)anthracene
Concen: 2.984 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.064 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB156994TB

Tgt Ion:278 Resp: 4297
Ion Ratio Lower Upper
278 100
139 14.0 11.7 17.5
279 11.4 17.8 26.8#



#92
Benzo(g,h,i)perylene
Concen: 2.170 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.071 min
Lab File: BF136244.D
Acq: 28 Nov 2023 12:27

Tgt Ion:276 Resp: 4217
Ion Ratio Lower Upper
276 100
277 14.0 18.6 27.8#
138 19.0 15.8 23.8

