

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136247.D
 Acq On : 28 Nov 2023 14:04
 Operator : CG\JU
 Sample : PB156974BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156974BL

Quant Time: Nov 28 15:01:43 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)

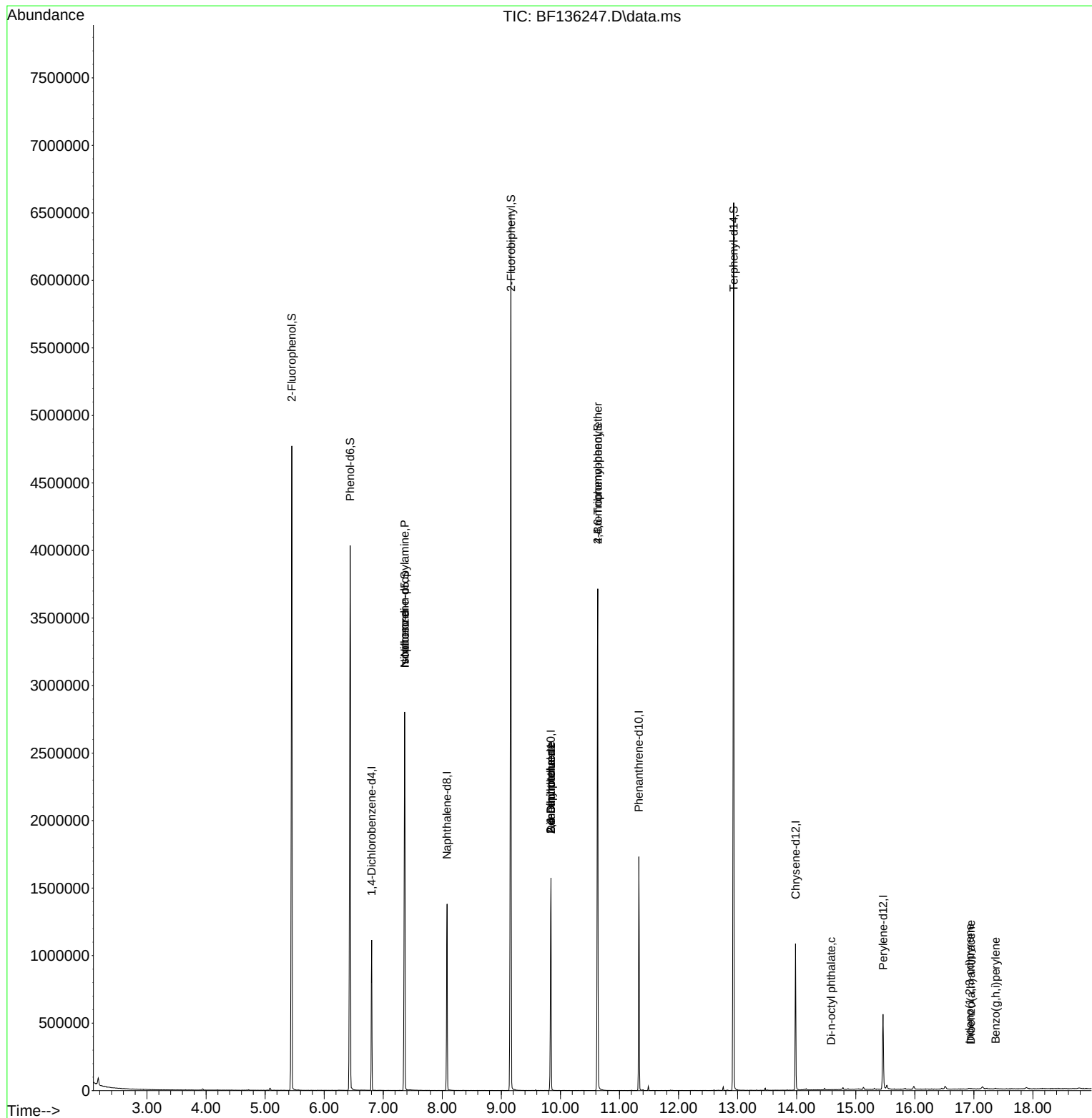
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	145196	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	615427	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	316787	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	606907	20.000	ng	0.00
76) Chrysene-d12	13.980	240	332436	20.000	ng	-0.01
86) Perylene-d12	15.463	264	262932	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1390184	133.263	ng	0.01
7) Phenol-d6	6.440	99	1712135	131.262	ng	0.00
23) Nitrobenzene-d5	7.363	82	1041979	89.469	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	519179	134.051	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2158478	87.031	ng	0.00
79) Terphenyl-d14	12.933	244	2495742	86.597	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	137657	17.646	ng	# 76
25) Isophorone	7.363	82	1035682	49.318	ng	# 68
50) Dimethylphthalate	9.839	163	67203	2.807	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	36822	7.528	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	36822	5.636	ng	# 27
67) 4-Bromophenyl-phenylether	10.633	248	29445	4.159	ng	# 1
85) Di-n-octyl phthalate	14.586	149	66	5.165	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.927	276	4164	2.879	ng	94
91) Dibenzo(a,h)anthracene	16.951	278	4106	2.959	ng	# 94
92) Benzo(g,h,i)perylene	17.368	276	3580	2.118	ng	95

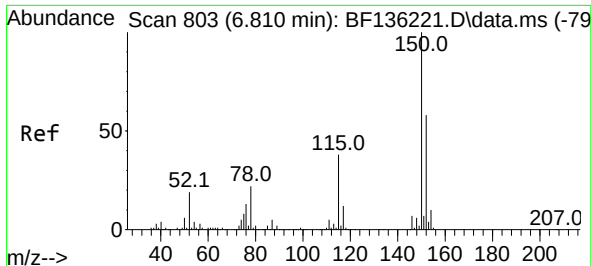
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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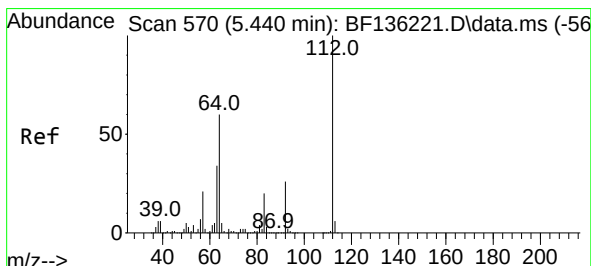
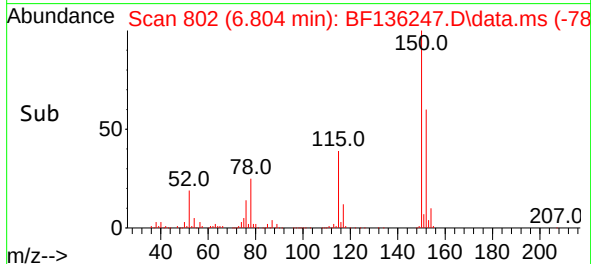
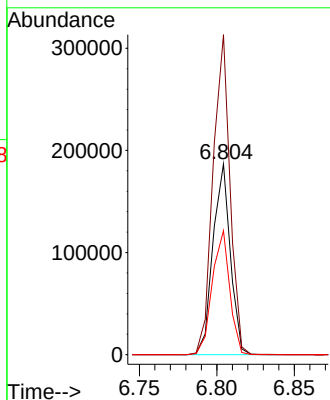
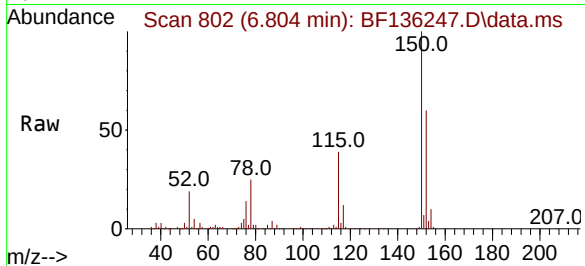




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

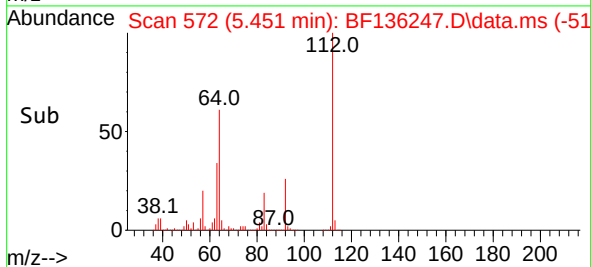
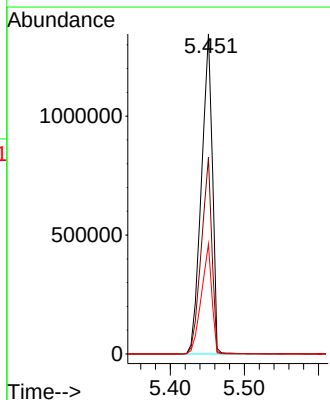
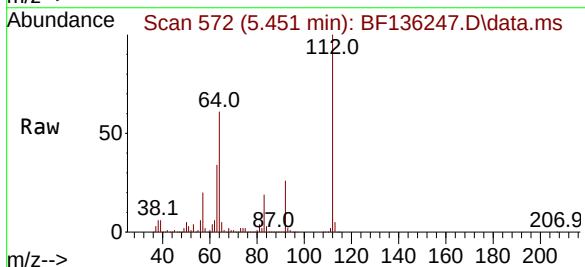
Instrument :
BNA_F
ClientSampleId :
PB156974BL

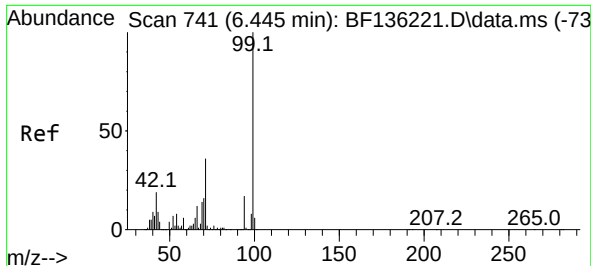
Tgt Ion:152 Resp: 145196
Ion Ratio Lower Upper
152 100
150 167.8 137.8 206.8
115 65.0 52.7 79.1



#5
2-Fluorophenol
Concen: 133.263 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

Tgt Ion:112 Resp: 1390184
Ion Ratio Lower Upper
112 100
64 61.4 48.2 72.4
63 34.3 27.0 40.6

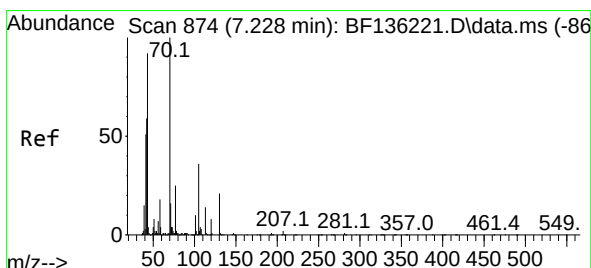
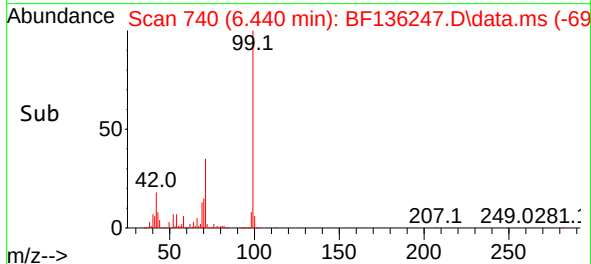
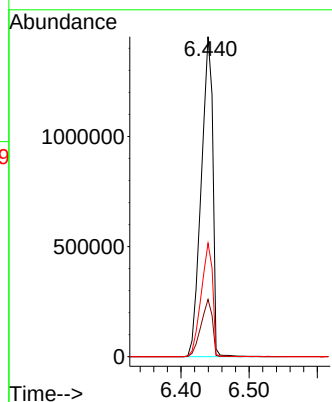
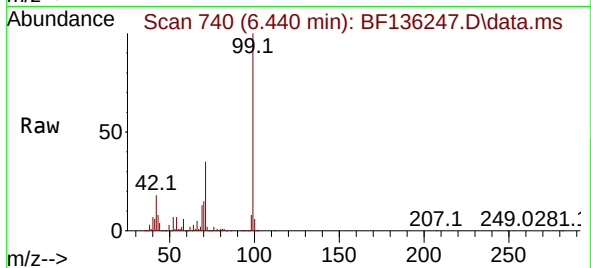




#7
Phenol-d6
Concen: 131.262 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

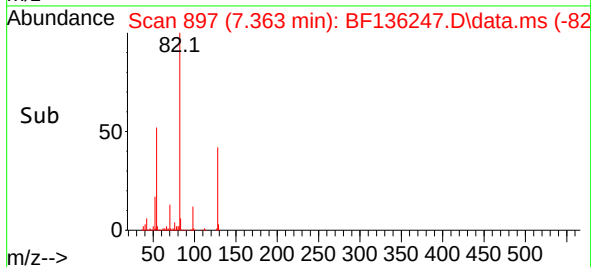
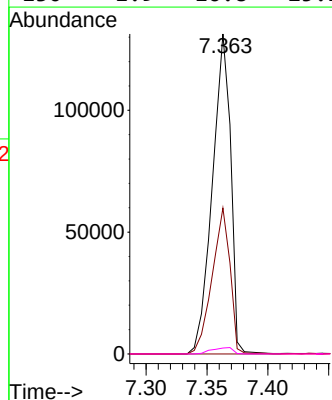
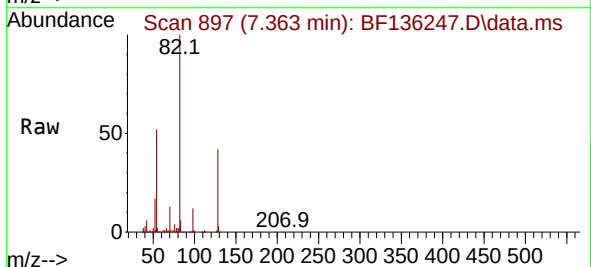
Instrument :
BNA_F
ClientSampleId :
PB156974BL

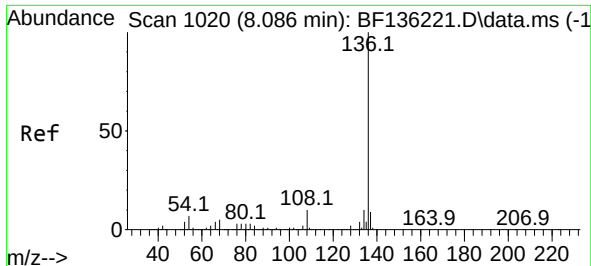
Tgt Ion: 99 Resp: 1712135
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.6
71 35.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.646 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

Tgt Ion: 70 Resp: 137657
Ion Ratio Lower Upper
70 100
42 45.6 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#

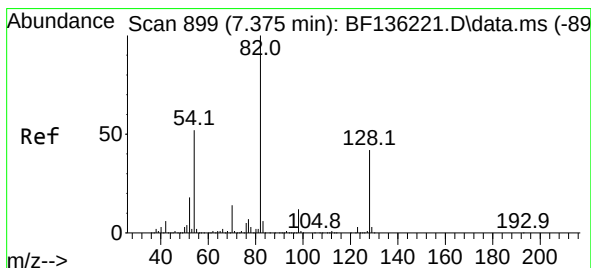
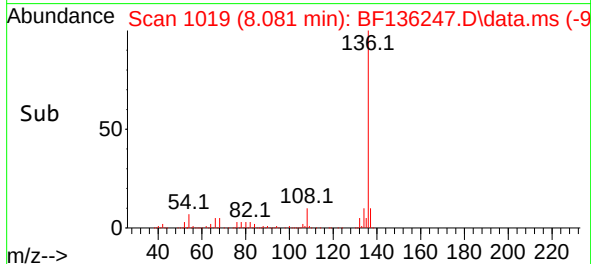
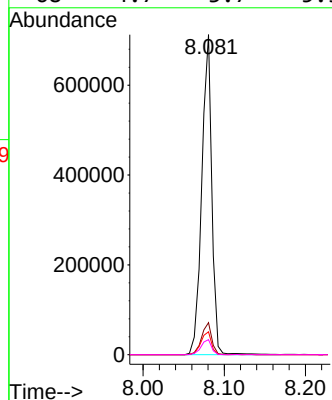
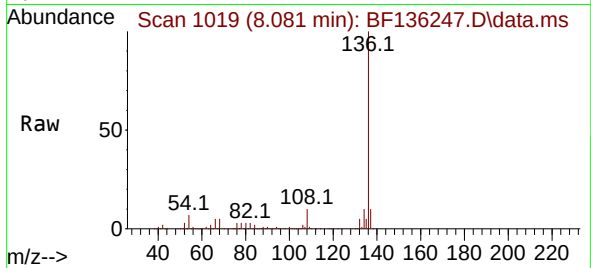




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

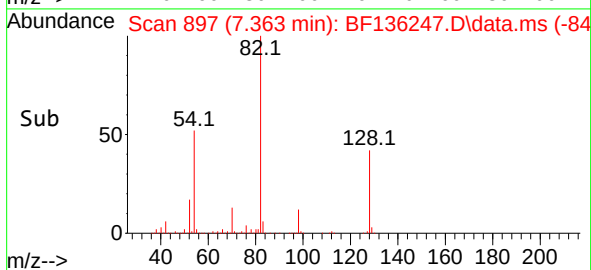
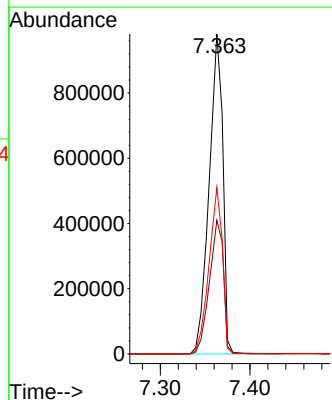
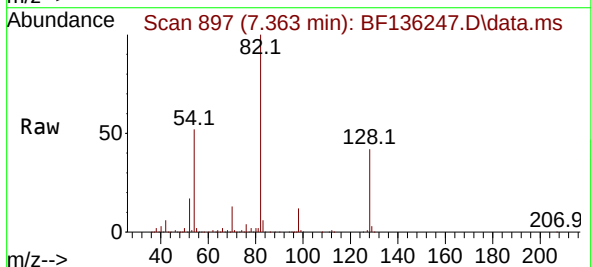
Instrument :
BNA_F
ClientSampleId :
PB156974BL

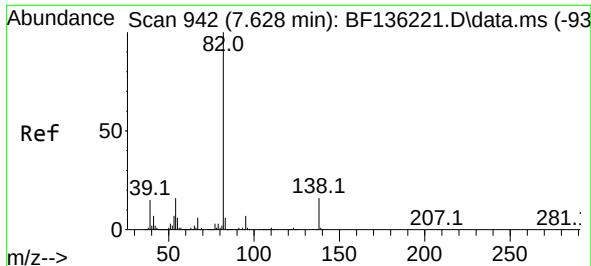
Tgt Ion:136 Resp: 615427
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.2
54 7.1 5.5 8.3
68 4.7 3.7 5.5



#23
Nitrobenzene-d5
Concen: 89.469 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

Tgt Ion: 82 Resp: 1041979
Ion Ratio Lower Upper
82 100
128 41.7 33.4 50.2
54 52.0 41.7 62.5

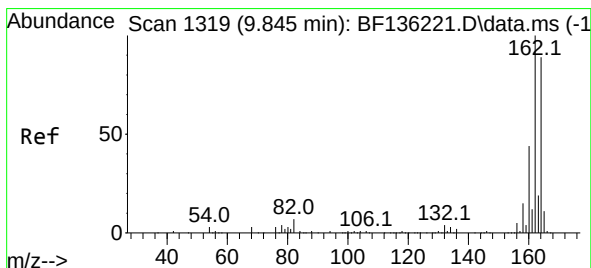
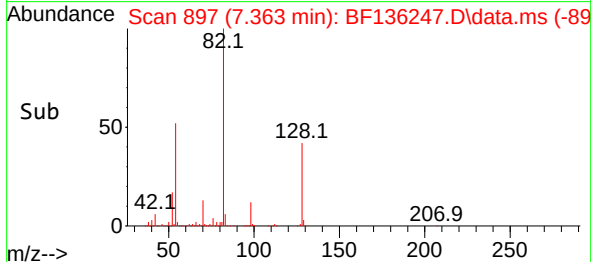
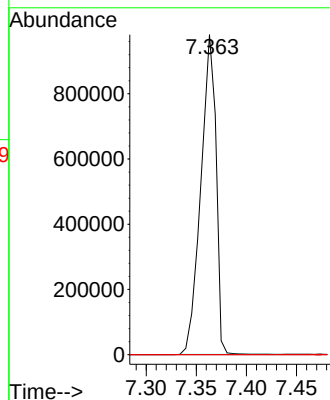
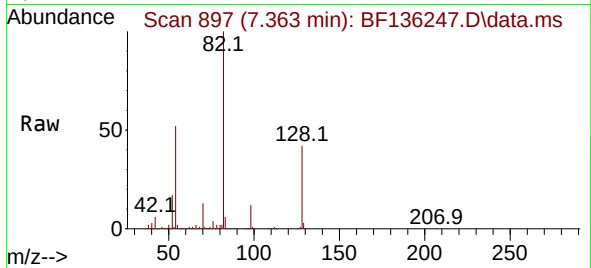




#25
Isophorone
Concen: 49.318 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

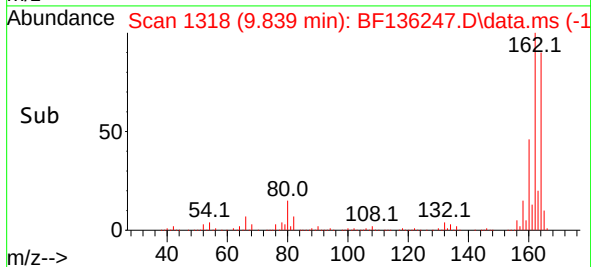
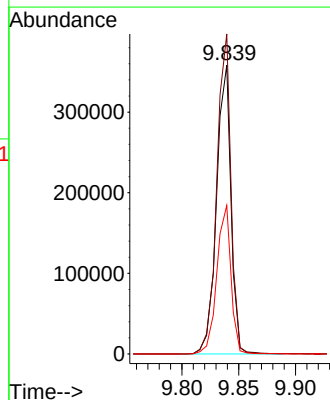
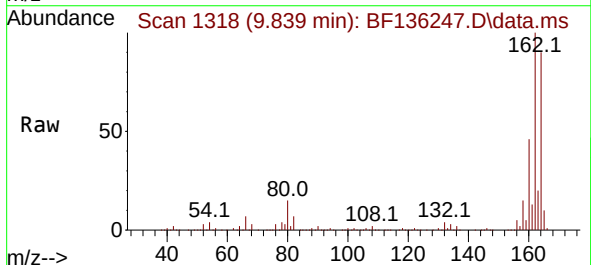
Instrument :
BNA_F
ClientSampleId :
PB156974BL

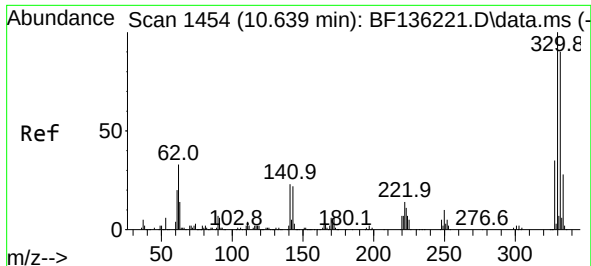
Tgt Ion: 82 Resp: 1035682
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

Tgt Ion:164 Resp: 316787
Ion Ratio Lower Upper
164 100
162 110.8 89.5 134.3
160 51.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 134.051 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136247.D

Acq: 28 Nov 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB156974BL

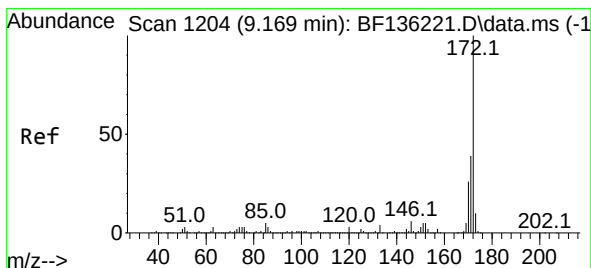
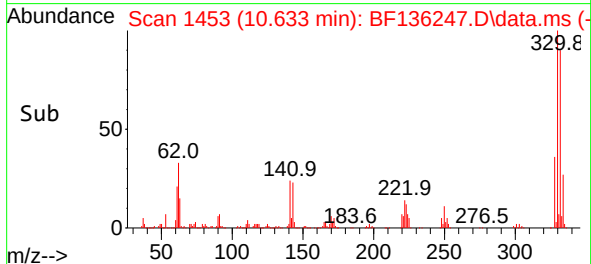
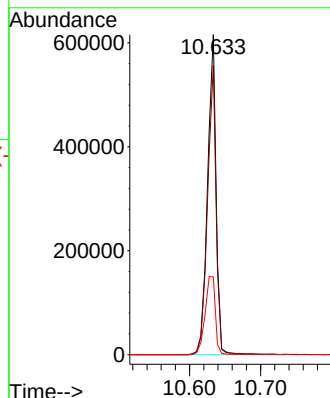
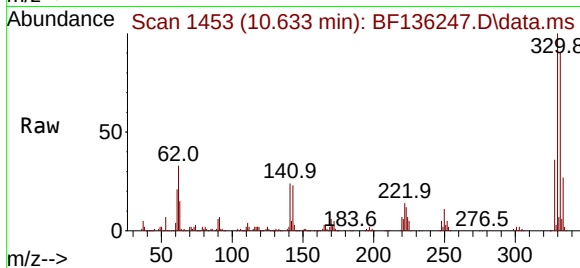
Tgt Ion:330 Resp: 519179

Ion Ratio Lower Upper

330 100

332 90.9 73.0 109.6

141 29.3 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 87.031 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136247.D

Acq: 28 Nov 2023 14:04

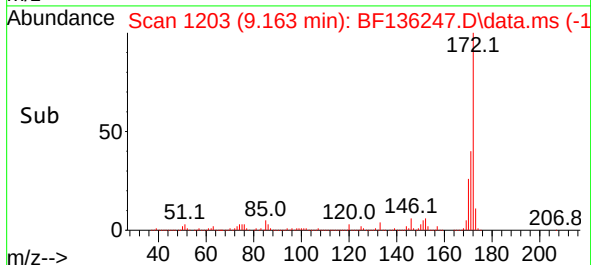
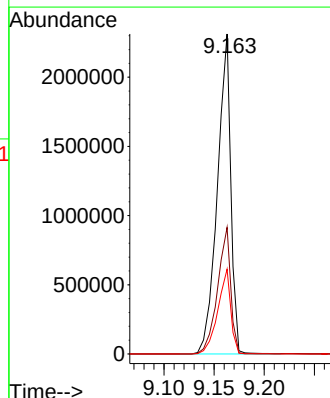
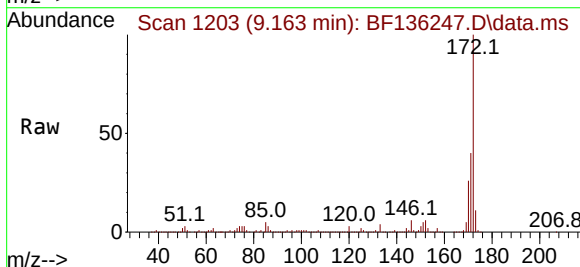
Tgt Ion:172 Resp: 2158478

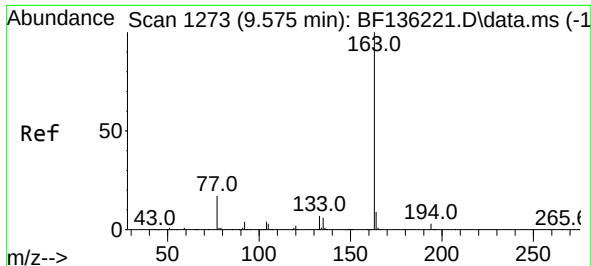
Ion Ratio Lower Upper

172 100

171 39.6 31.5 47.3

170 26.5 20.8 31.2

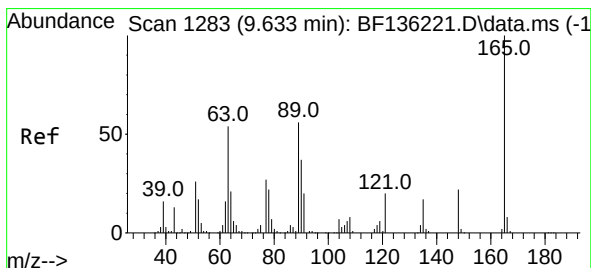
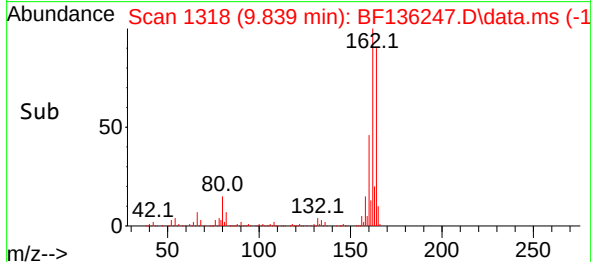
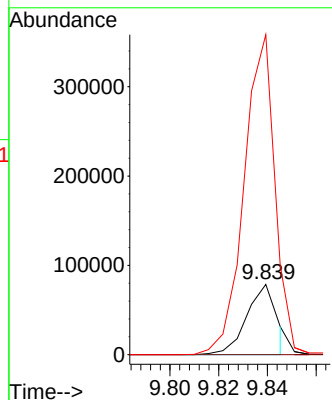
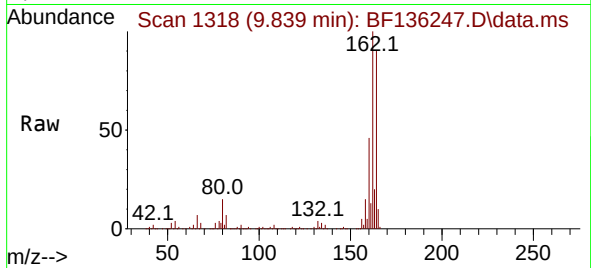




#50
Dimethylphthalate
Concen: 2.807 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

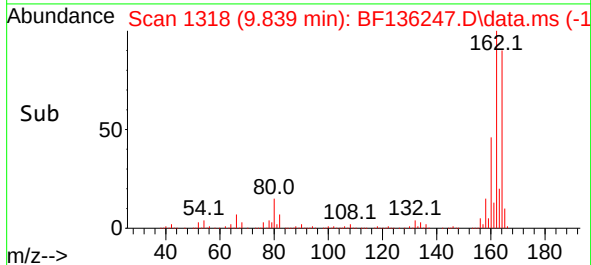
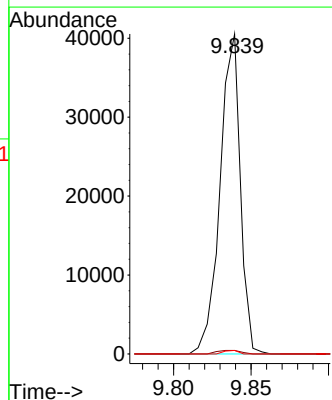
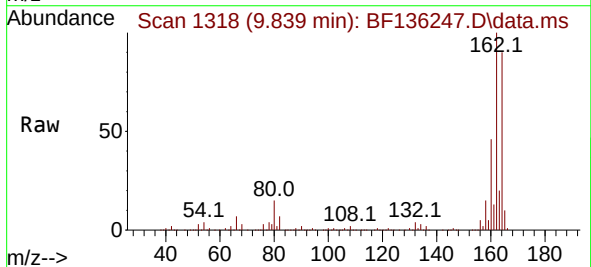
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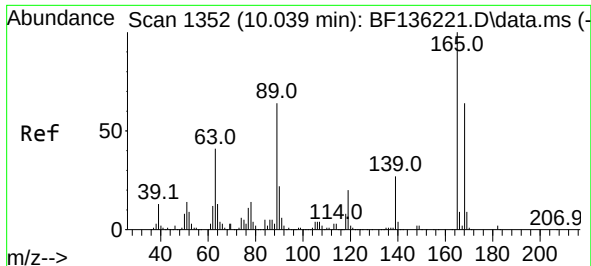
Tgt Ion:163 Resp: 67203
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 455.0 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.528 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

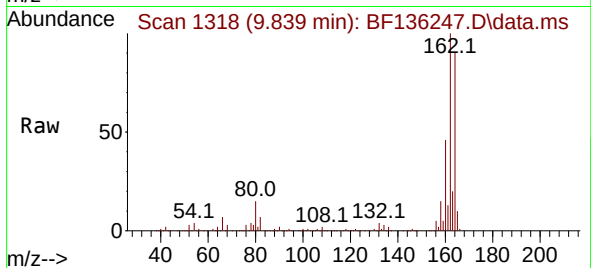
Tgt Ion:165 Resp: 36822
Ion Ratio Lower Upper
165 100
63 1.1 46.2 69.2#
89 1.1 44.9 67.3#



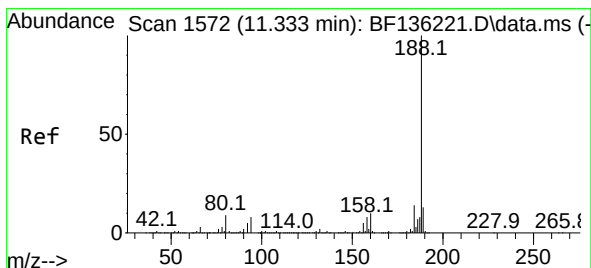
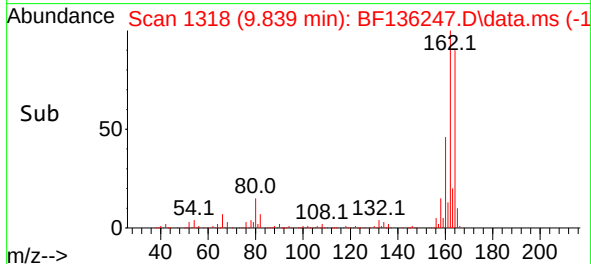
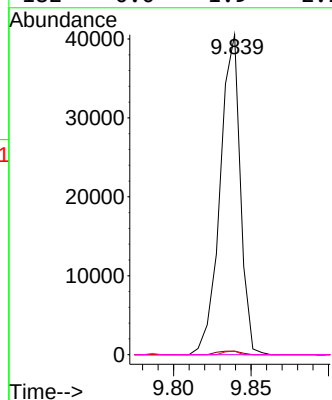


#57
2,4-Dinitrotoluene
Concen: 5.636 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

Instrument :
BNA_F
ClientSampleId :
PB156974BL

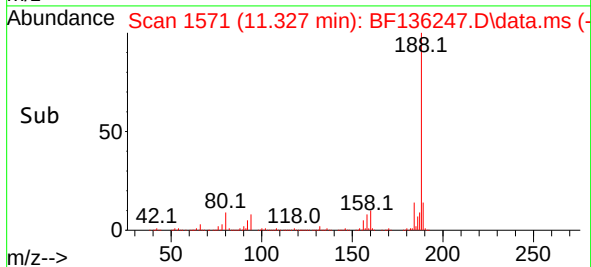
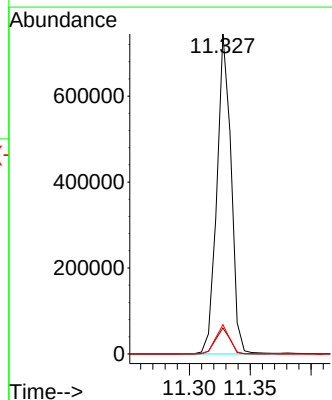
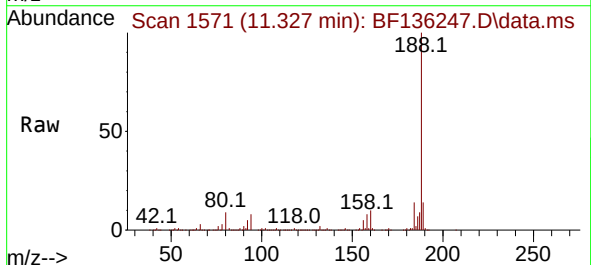


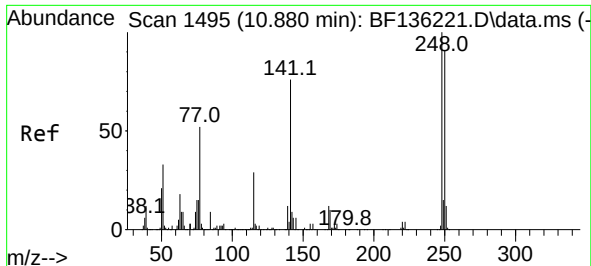
Tgt Ion:165 Resp: 36822
Ion Ratio Lower Upper
165 100
63 1.1 33.0 49.4#
89 1.1 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

Tgt Ion:188 Resp: 606907
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.1 7.2 10.8

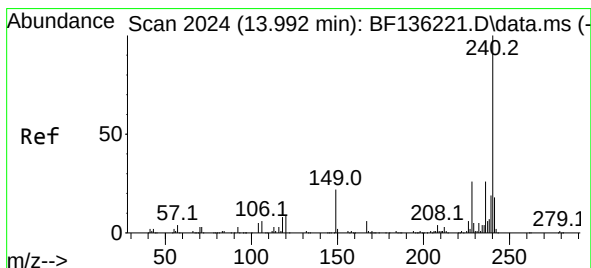
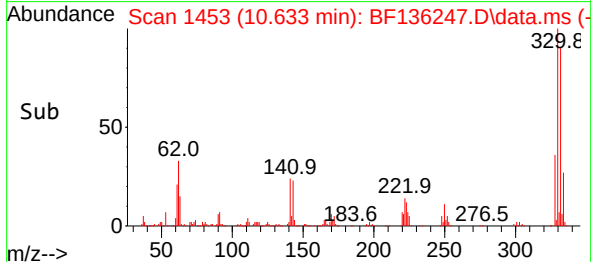
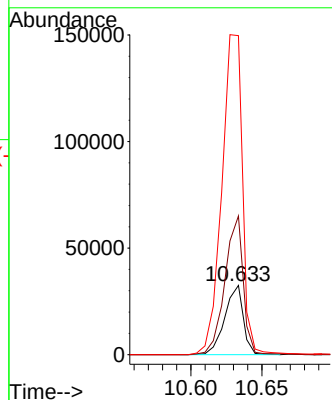
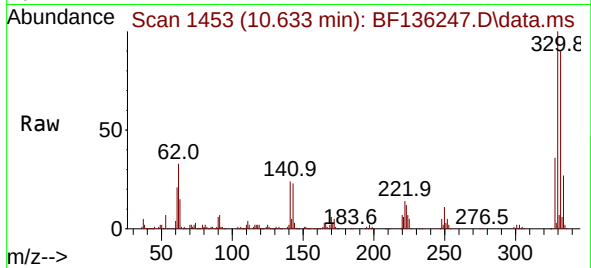




#67
4-Bromophenyl-phenylether
Concen: 4.159 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

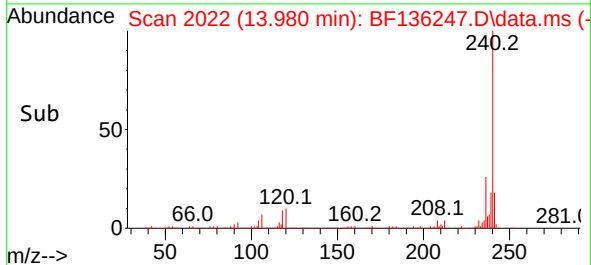
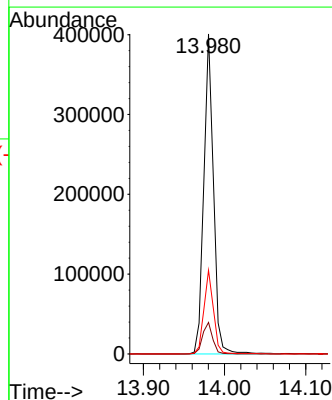
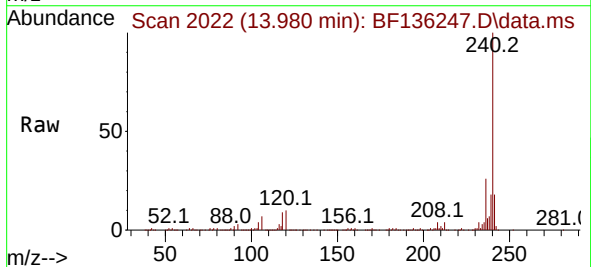
Instrument :
BNA_F
ClientSampleId :
PB156974BL

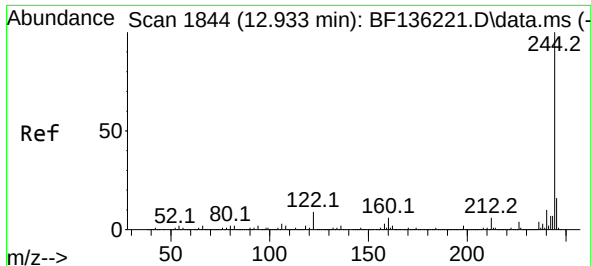
Tgt Ion:248 Resp: 29445
Ion Ratio Lower Upper
248 100
250 200.3 72.5 108.7#
141 460.5 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

Tgt Ion:240 Resp: 332436
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.2
236 26.2 21.1 31.7

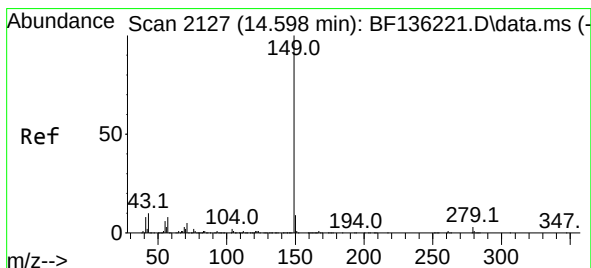
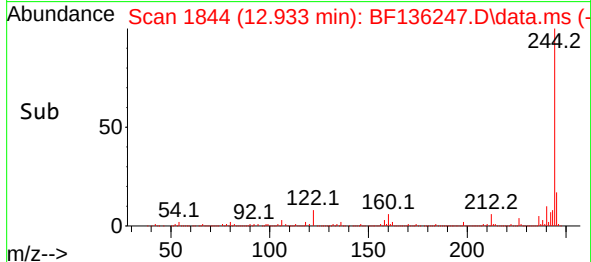
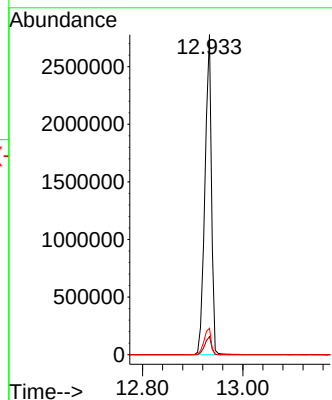
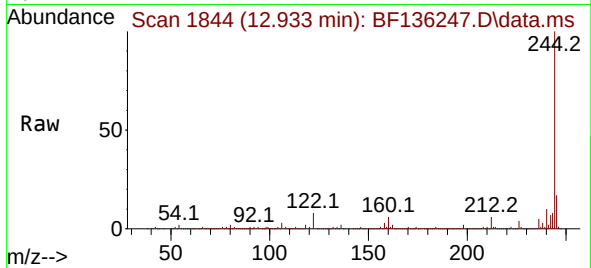




#79
 Terphenyl-d14
 Concen: 86.597 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136247.D
 Acq: 28 Nov 2023 14:04

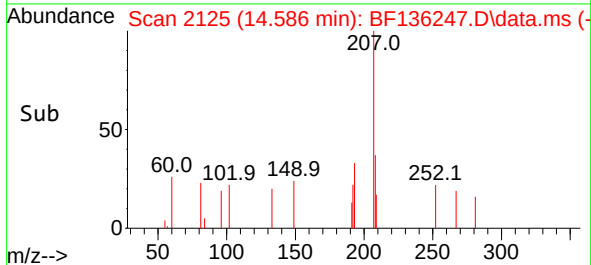
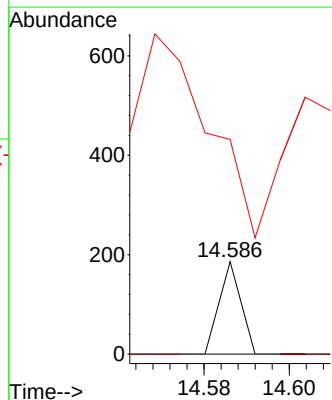
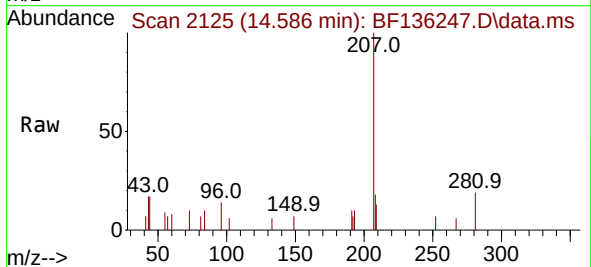
Instrument :
 BNA_F
 ClientSampleId :
 PB156974BL

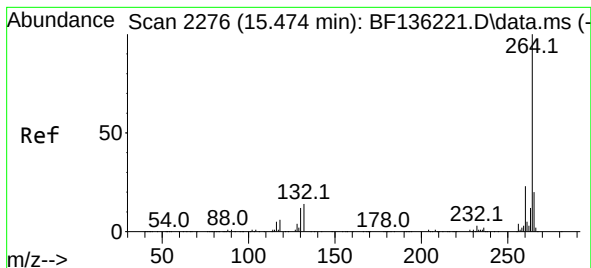
Tgt Ion:244 Resp: 2495742
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 8.2 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.165 ng
 RT: 14.586 min Scan# 2125
 Delta R.T. -0.012 min
 Lab File: BF136247.D
 Acq: 28 Nov 2023 14:04

Tgt Ion:149 Resp: 66
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 740.9 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: BF136247.D

Acq: 28 Nov 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB156974BL

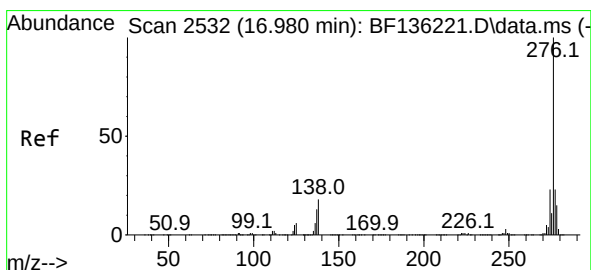
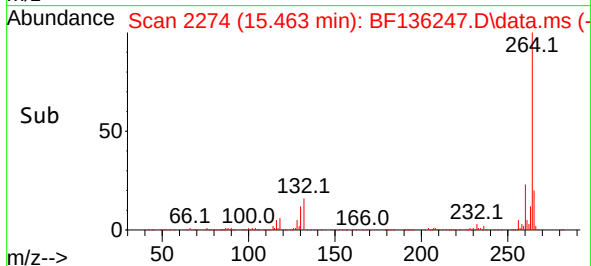
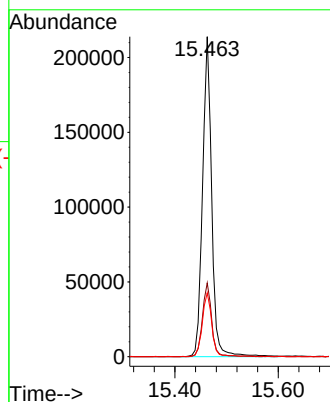
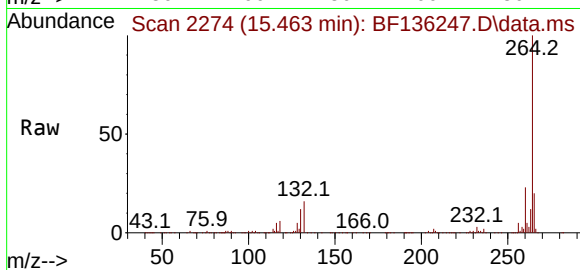
Tgt Ion:264 Resp: 262932

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.0 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.879 ng

RT: 16.927 min Scan# 2523

Delta R.T. -0.053 min

Lab File: BF136247.D

Acq: 28 Nov 2023 14:04

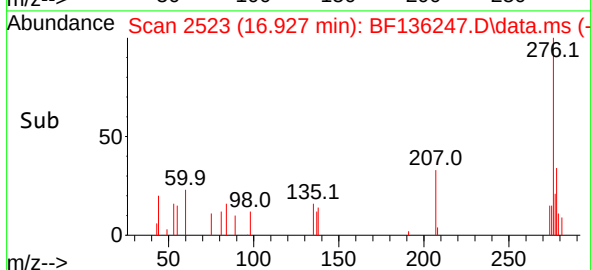
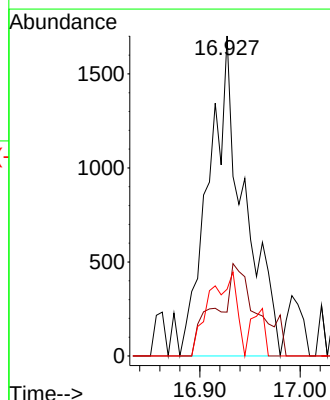
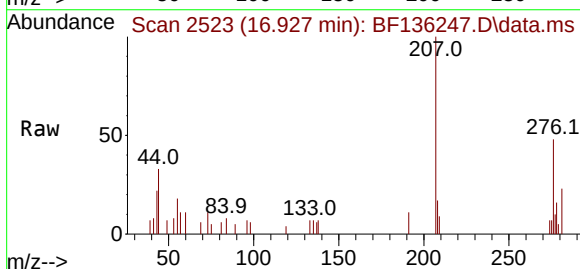
Tgt Ion:276 Resp: 4164

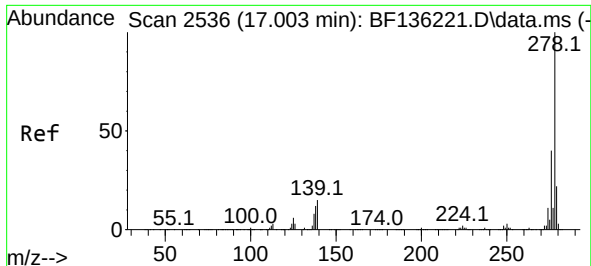
Ion Ratio Lower Upper

276 100

138 23.9 17.7 26.5

277 20.2 19.6 29.4

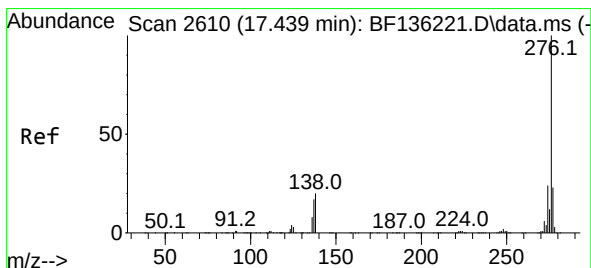
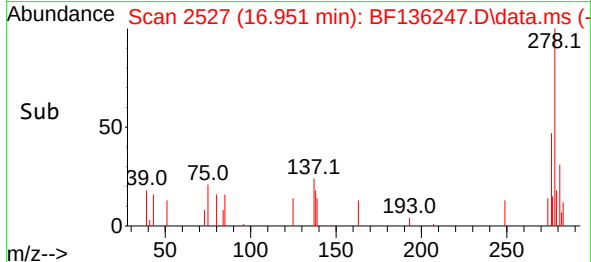
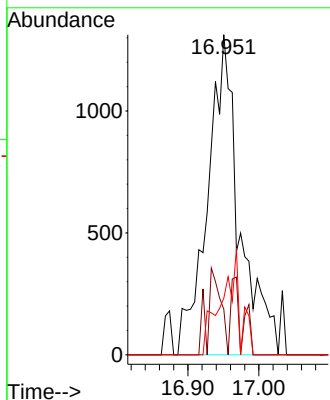
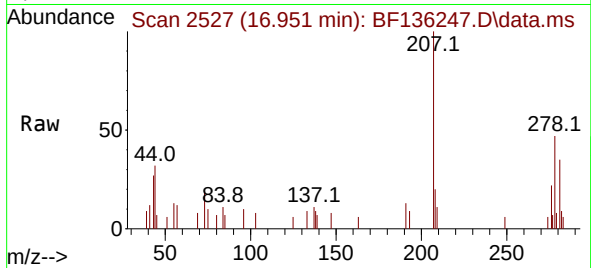




#91
Dibenzo(a,h)anthracene
Concen: 2.959 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.052 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

Instrument :
BNA_F
ClientSampleId :
PB156974BL

Tgt Ion:278 Resp: 4106
Ion Ratio Lower Upper
278 100
139 14.2 11.7 17.5
279 17.7 17.8 26.8#



#92
Benzo(g,h,i)perylene
Concen: 2.118 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.071 min
Lab File: BF136247.D
Acq: 28 Nov 2023 14:04

Tgt Ion:276 Resp: 3580
Ion Ratio Lower Upper
276 100
277 26.1 18.6 27.8
138 17.7 15.8 23.8

