

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136284.D
 Acq On : 29 Nov 2023 15:29
 Operator : CG\JU
 Sample : PB156994TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156940TB

Quant Time: Nov 29 15:48:03 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)

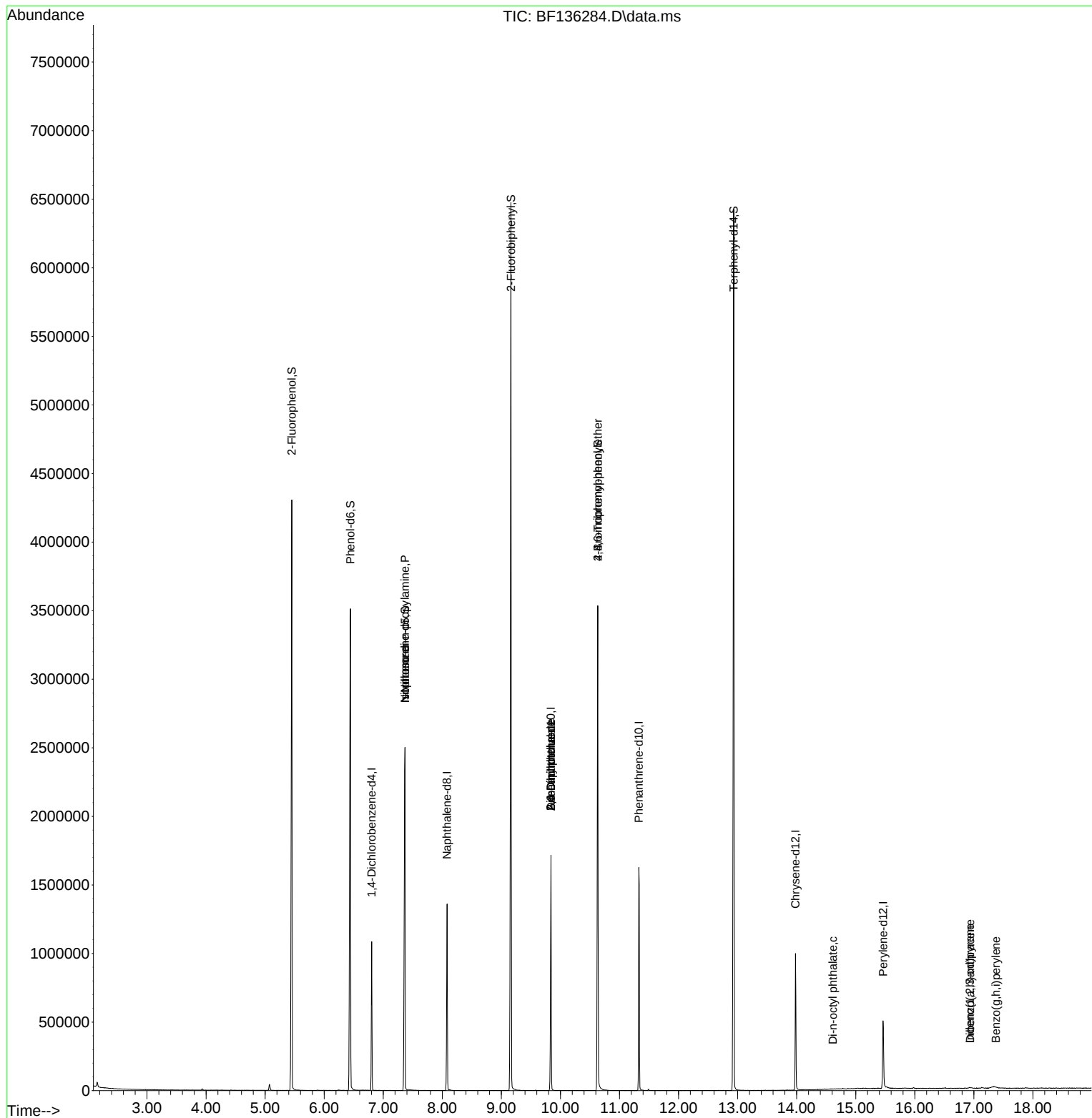
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140467	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	602448	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	312610	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	634018	20.000	ng	0.00
76) Chrysene-d12	13.980	240	313996	20.000	ng	-0.01
86) Perylene-d12	15.462	264	249492	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1250343	123.893	ng	0.01
7) Phenol-d6	6.445	99	1567029	124.182	ng	0.00
23) Nitrobenzene-d5	7.369	82	978646	85.841	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	491376	128.568	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2059054	84.132	ng	0.00
79) Terphenyl-d14	12.933	244	2514428	92.369	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	127345	16.873	ng	# 72
25) Isophorone	7.369	82	976052	47.480	ng	# 68
50) Dimethylphthalate	9.839	163	65942	2.791	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	39320	8.146	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	39320	6.098	ng	# 27
67) 4-Bromophenyl-phenylether	10.633	248	27603	3.732	ng	# 1
85) Di-n-octyl phthalate	14.610	149	241	5.173	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.933	276	5177	2.941	ng	# 79
91) Dibenzo(a,h)anthracene	16.939	278	3680	2.945	ng	# 82
92) Benzo(g,h,i)perylene	17.374	276	3509	2.125	ng	97

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

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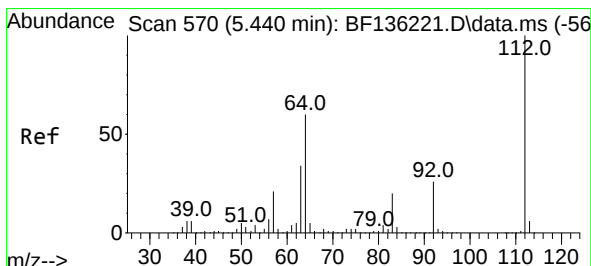
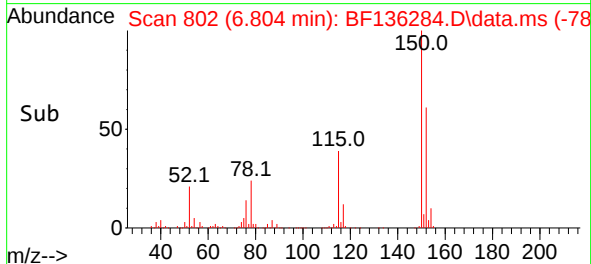
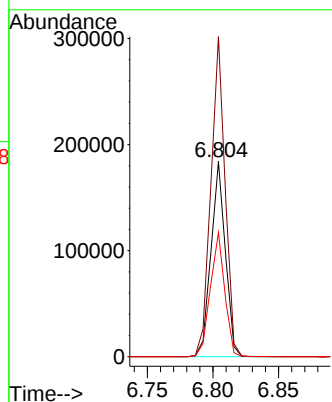
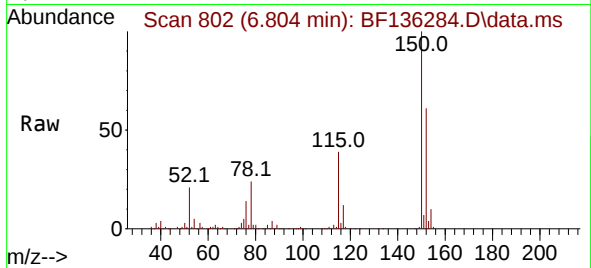




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

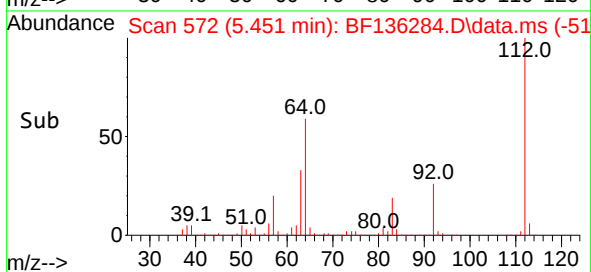
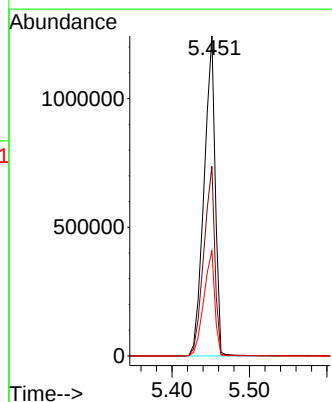
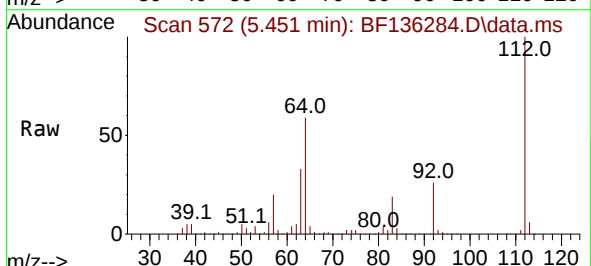
Instrument :
BNA_F
ClientSampleId :
PB156940TB

Tgt Ion:152 Resp: 140467
Ion Ratio Lower Upper
152 100
150 163.9 137.8 206.8
115 63.6 52.7 79.1



#5
2-Fluorophenol
Concen: 123.893 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion:112 Resp: 1250343
Ion Ratio Lower Upper
112 100
64 59.2 48.2 72.4
63 32.8 27.0 40.6



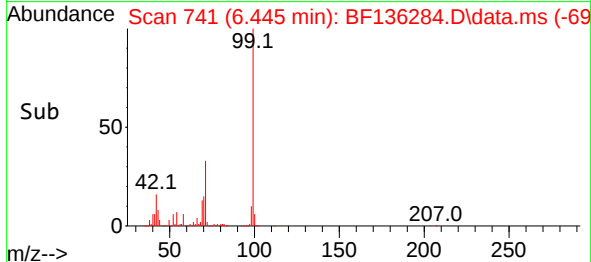
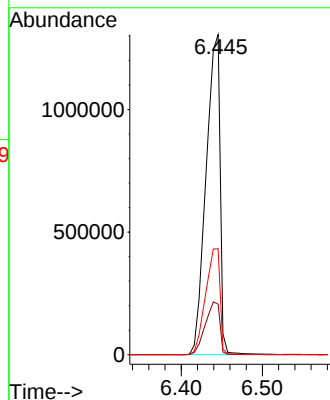
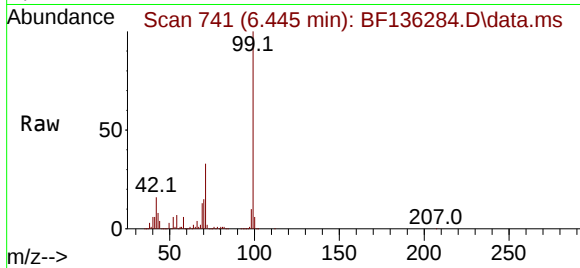


#7
Phenol-d6
Concen: 124.182 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Instrument :
BNA_F
ClientSampleId :
PB156940TB

Tgt Ion: 99 Resp: 1567029

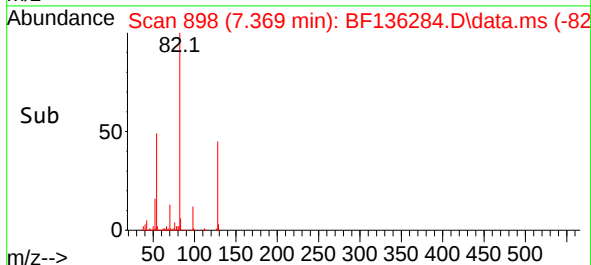
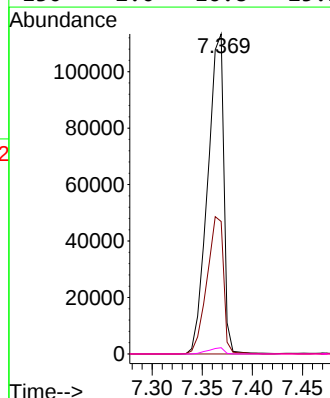
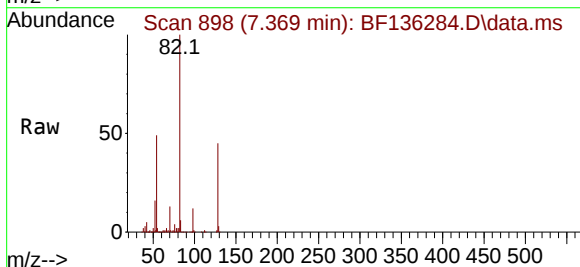
Ion	Ratio	Lower	Upper
99	100		
42	15.8	15.0	22.6
71	33.1	28.9	43.3

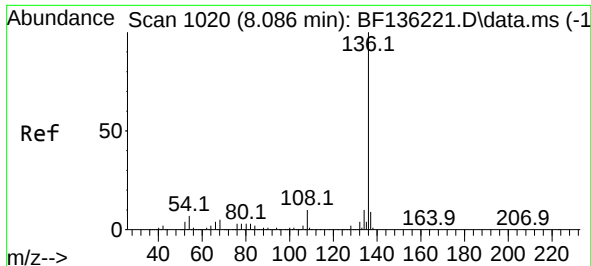


#19
n-Nitroso-di-n-propylamine
Concen: 16.873 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion: 70 Resp: 127345

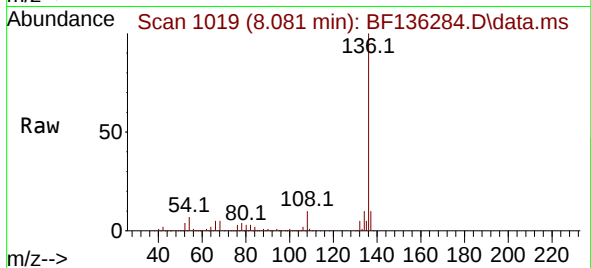
Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.0	70.4#
101	0.0	7.8	11.8#
130	2.0	16.8	25.2#



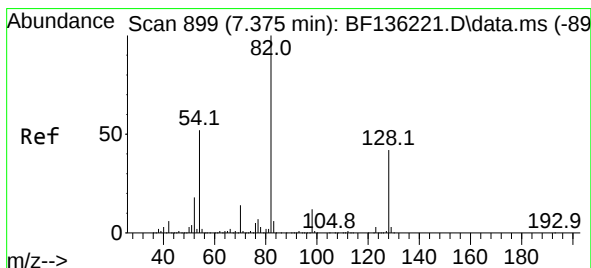
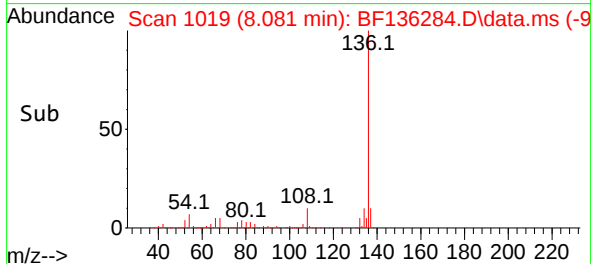
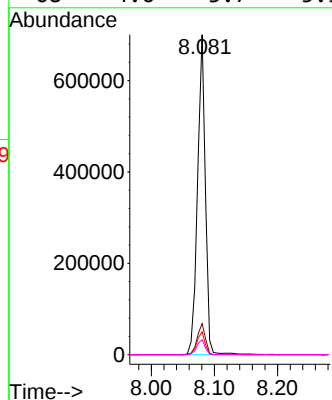


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Instrument :
BNA_F
ClientSampleId :
PB156940TB

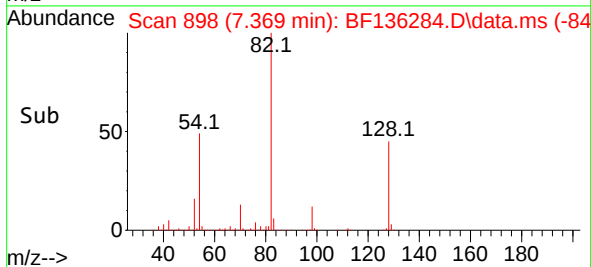
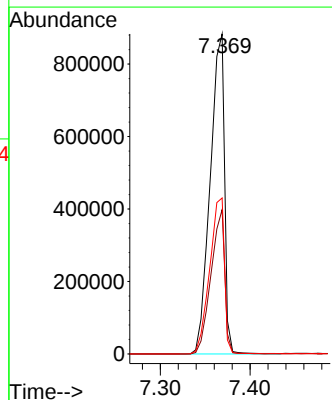
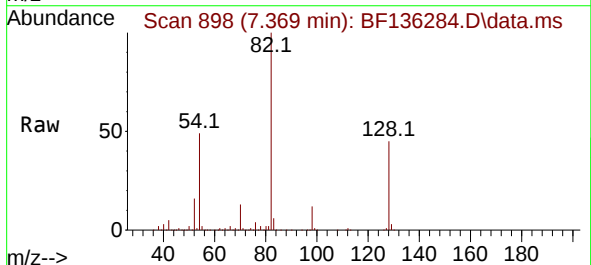


Tgt Ion:136 Resp: 602448
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 7.1 5.5 8.3
68 4.6 3.7 5.5



#23
Nitrobenzene-d5
Concen: 85.841 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion: 82 Resp: 978646
Ion Ratio Lower Upper
82 100
128 45.1 33.4 50.2
54 48.8 41.7 62.5

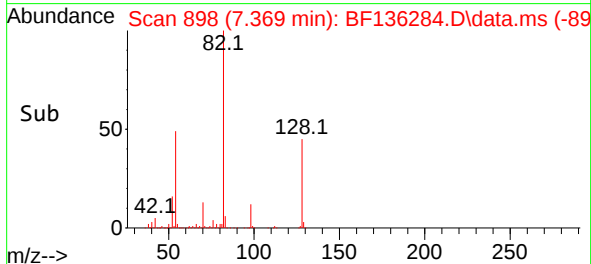
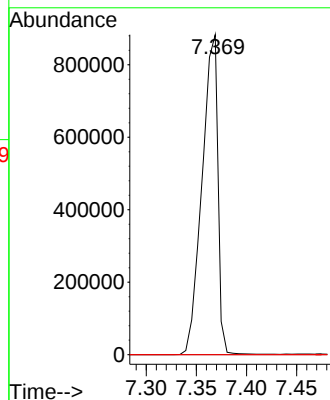
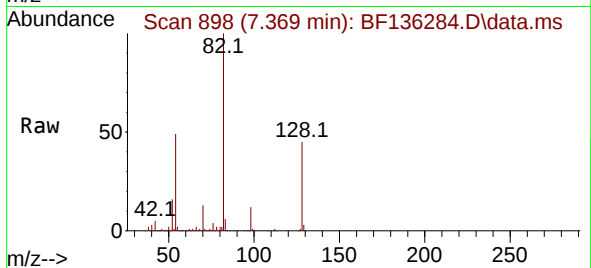




#25
Isophorone
Concen: 47.480 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

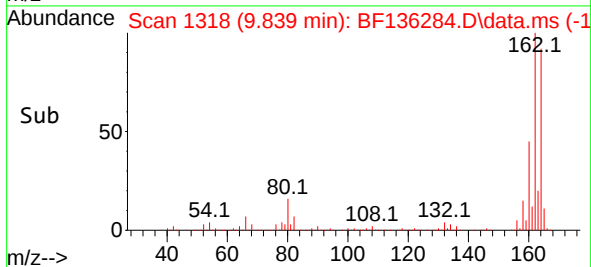
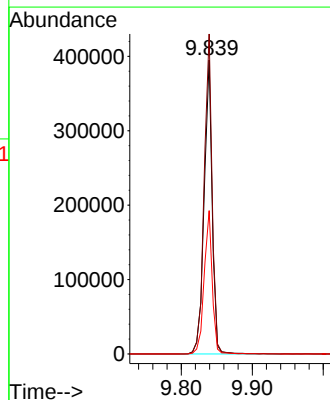
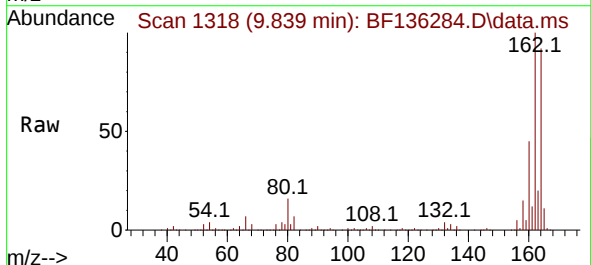
Instrument :
BNA_F
ClientSampleId :
PB156940TB

Tgt Ion: 82 Resp: 976052
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: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion:164 Resp: 312610
Ion Ratio Lower Upper
164 100
162 108.9 89.5 134.3
160 48.8 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 128.568 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136284.D

Acq: 29 Nov 2023 15:29

Instrument :

BNA_F

ClientSampleId :

PB156940TB

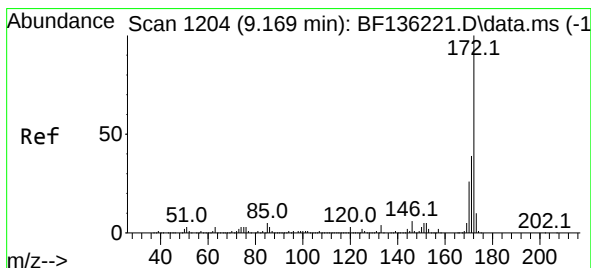
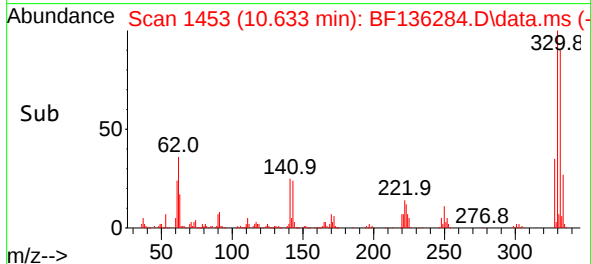
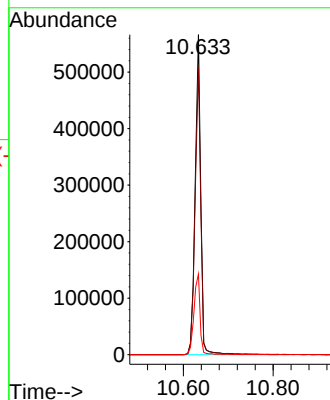
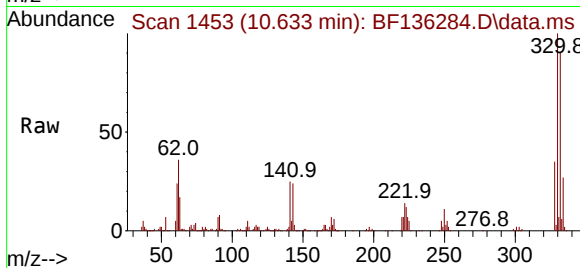
Tgt Ion:330 Resp: 491376

Ion Ratio Lower Upper

330 100

332 91.3 73.0 109.6

141 27.3 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 84.132 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136284.D

Acq: 29 Nov 2023 15:29

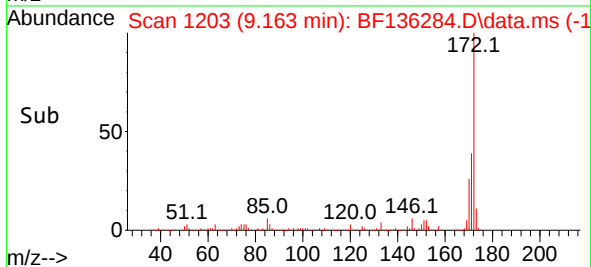
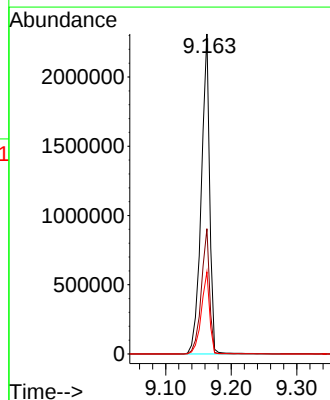
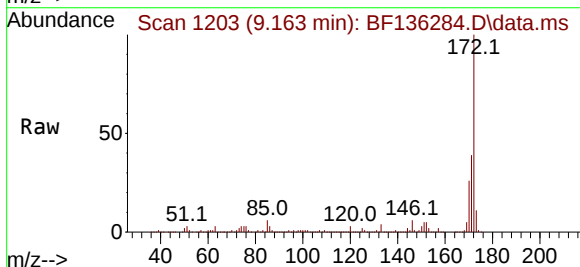
Tgt Ion:172 Resp: 2059054

Ion Ratio Lower Upper

172 100

171 39.1 31.5 47.3

170 25.7 20.8 31.2

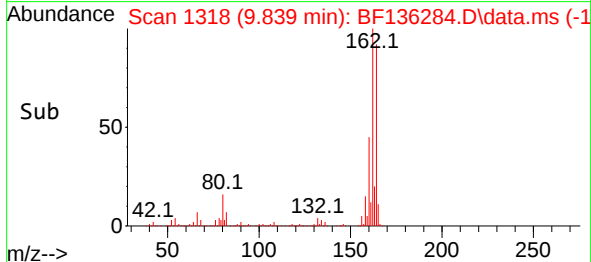
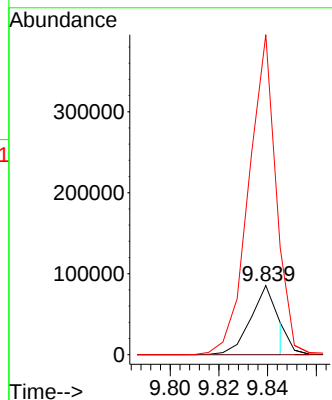
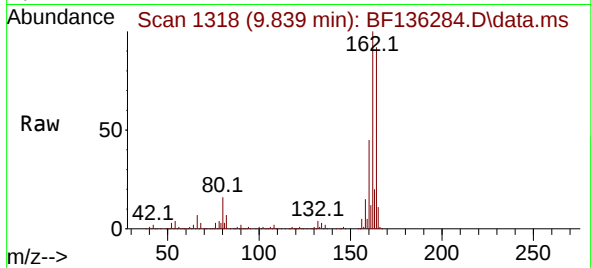




#50
Dimethylphthalate
Concen: 2.791 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

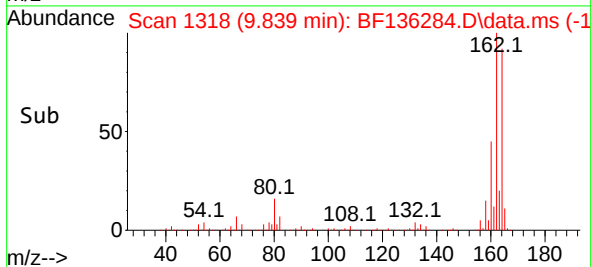
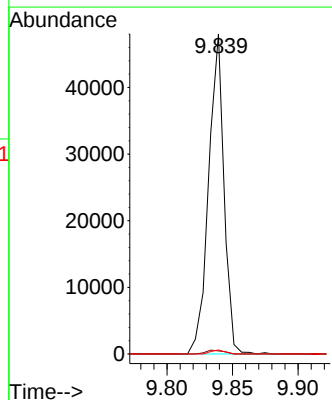
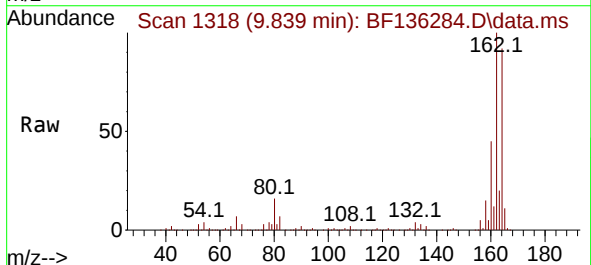
Instrument :
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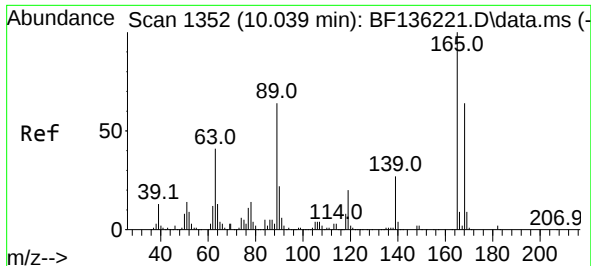
Tgt Ion:163 Resp: 65942
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 463.4 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.146 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion:165 Resp: 39320
Ion Ratio Lower Upper
165 100
63 0.9 46.2 69.2#
89 1.3 44.9 67.3#

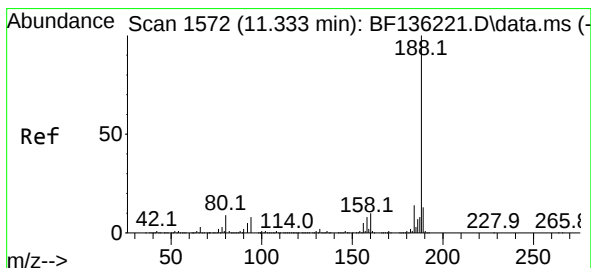
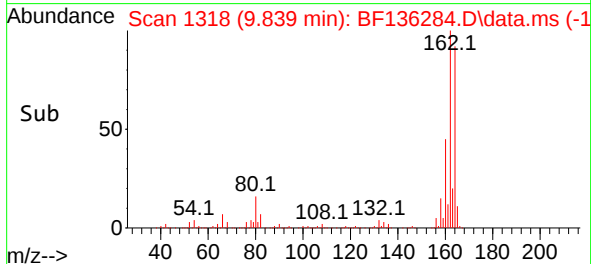
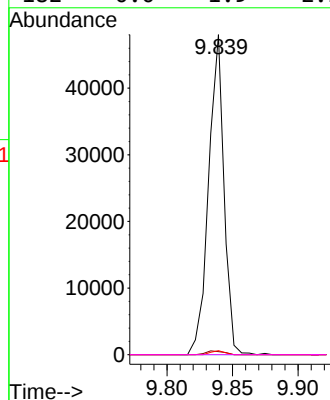
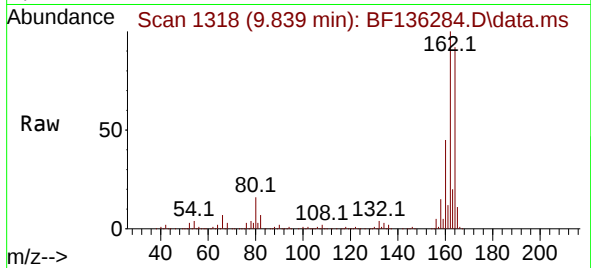




#57
2,4-Dinitrotoluene
Concen: 6.098 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

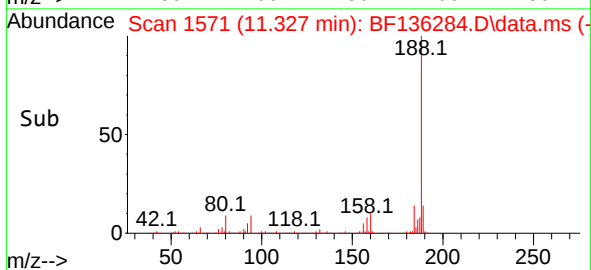
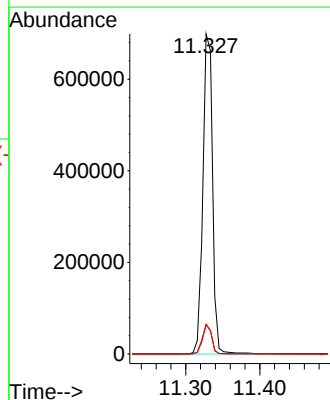
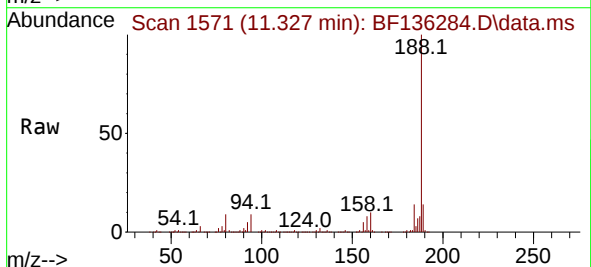
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ClientSampleId :
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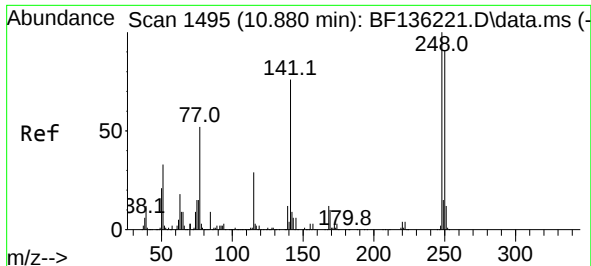
Tgt Ion:165 Resp: 39320
Ion Ratio Lower Upper
165 100
63 0.9 33.0 49.4#
89 1.3 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion:188 Resp: 634018
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.3 7.2 10.8

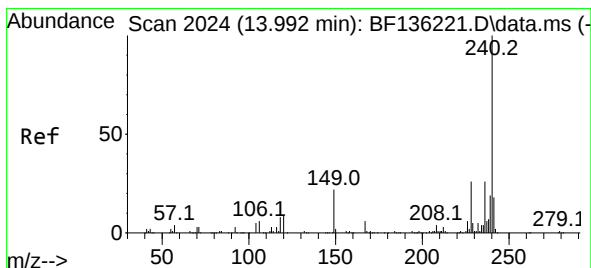
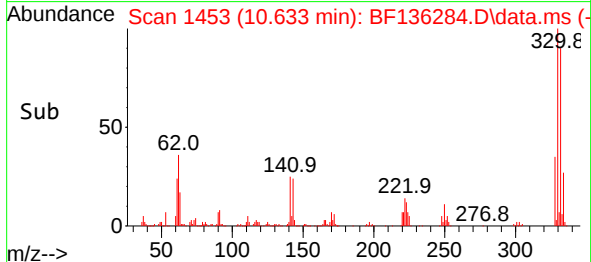
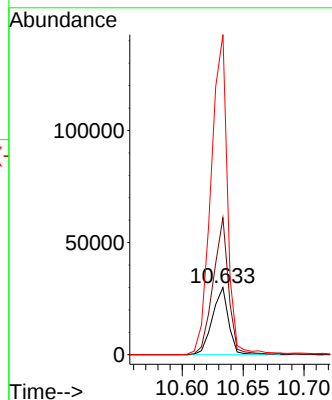
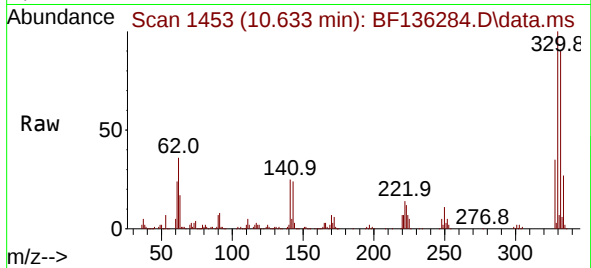




#67
4-Bromophenyl-phenylether
Concen: 3.732 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

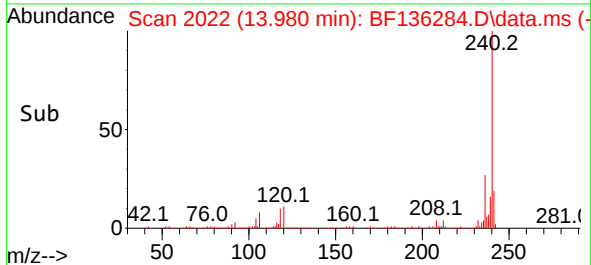
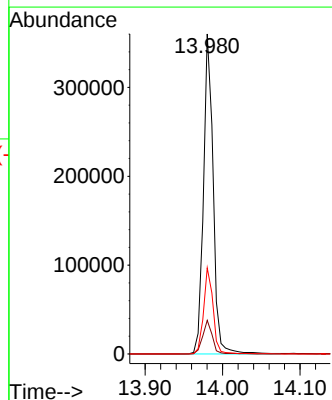
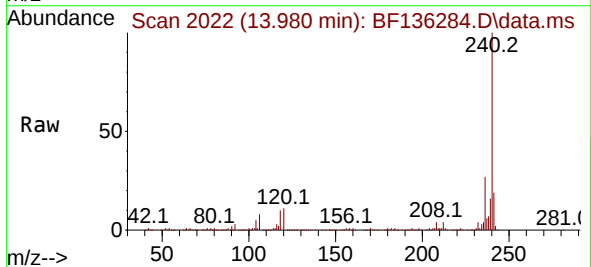
Instrument :
BNA_F
ClientSampleId :
PB156940TB

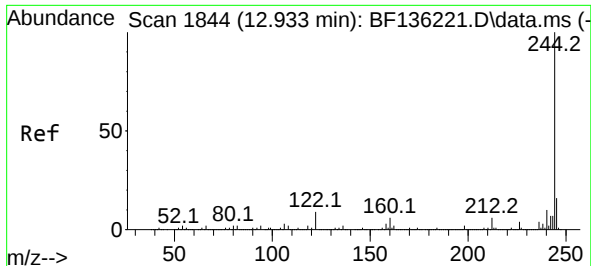
Tgt Ion:248 Resp: 27603
Ion Ratio Lower Upper
248 100
250 203.7 72.5 108.7#
141 476.0 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion:240 Resp: 313996
Ion Ratio Lower Upper
240 100
120 10.5 7.4 11.2
236 26.9 21.1 31.7

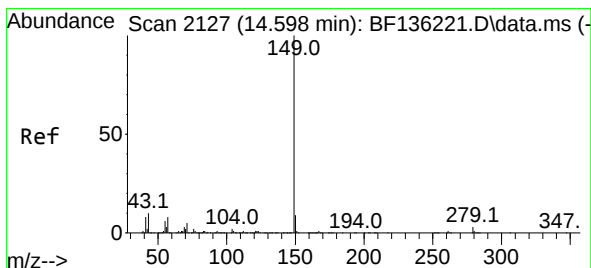
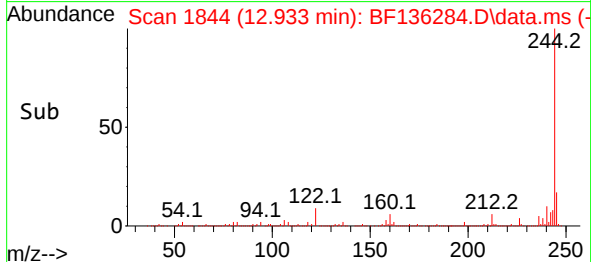
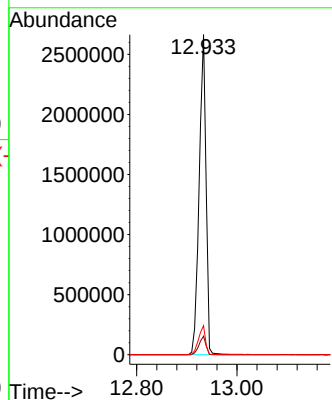
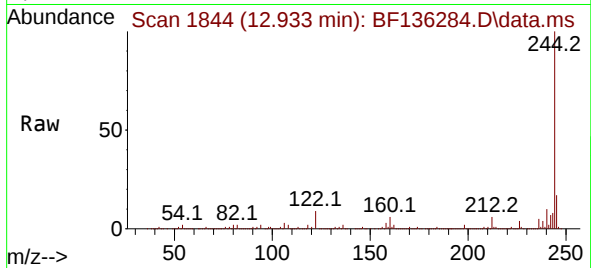




#79
 Terphenyl-d14
 Concen: 92.369 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136284.D
 Acq: 29 Nov 2023 15:29

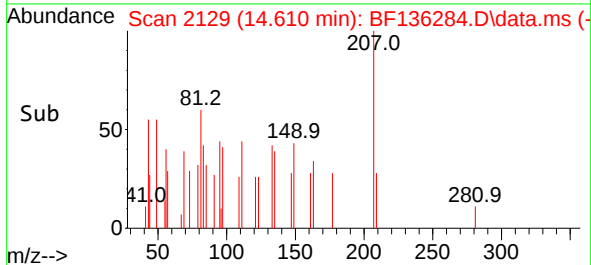
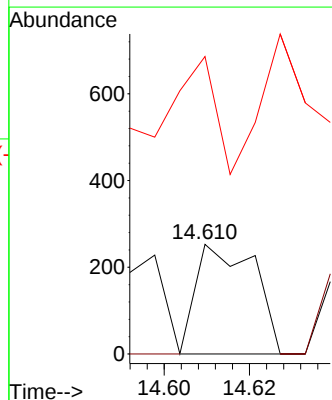
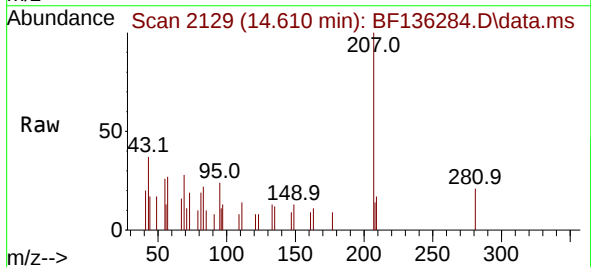
Instrument :
 BNA_F
 ClientSampleId :
 PB156940TB

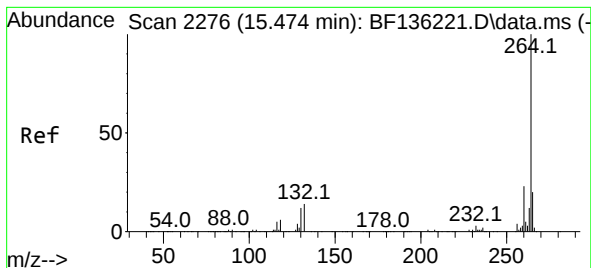
Tgt Ion:244 Resp: 2514428
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 9.1 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.173 ng
 RT: 14.610 min Scan# 2129
 Delta R.T. 0.012 min
 Lab File: BF136284.D
 Acq: 29 Nov 2023 15:29

Tgt Ion:149 Resp: 241
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 68.0 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136284.D

Acq: 29 Nov 2023 15:29

Instrument :

BNA_F

ClientSampleId :

PB156940TB

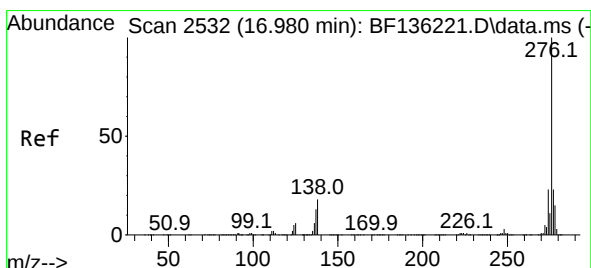
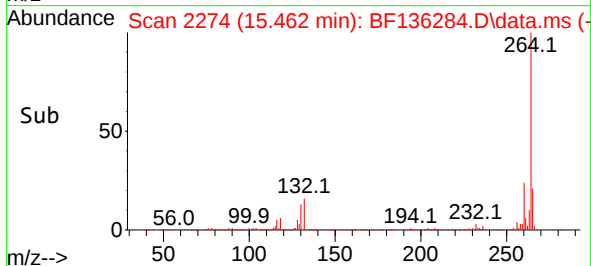
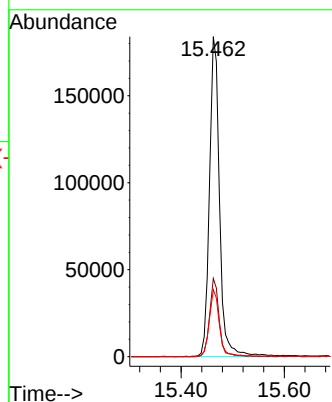
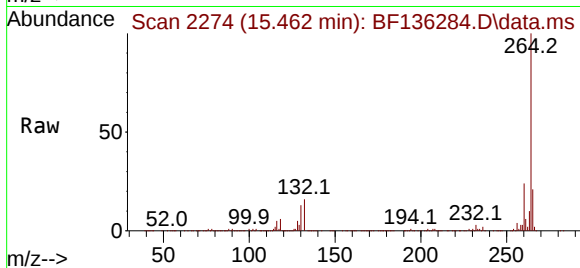
Tgt Ion:264 Resp: 249492

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 20.9 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.941 ng

RT: 16.933 min Scan# 2524

Delta R.T. -0.047 min

Lab File: BF136284.D

Acq: 29 Nov 2023 15:29

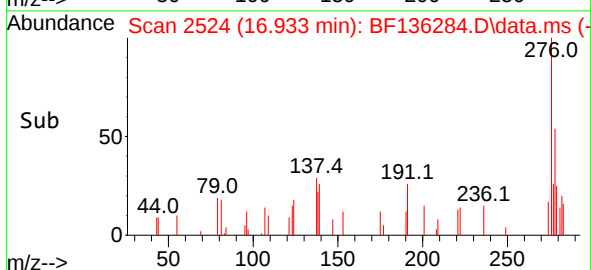
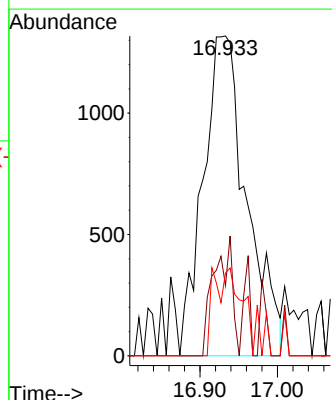
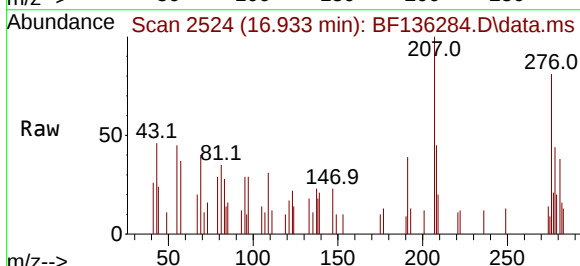
Tgt Ion:276 Resp: 5177

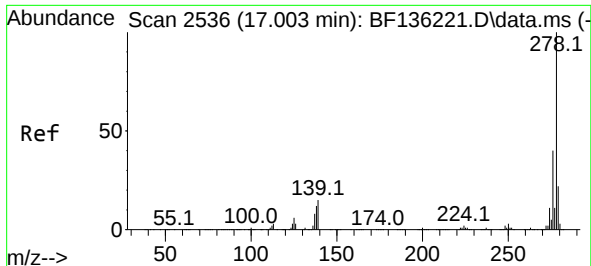
Ion Ratio Lower Upper

276 100

138 15.5 17.7 26.5#

277 11.3 19.6 29.4#

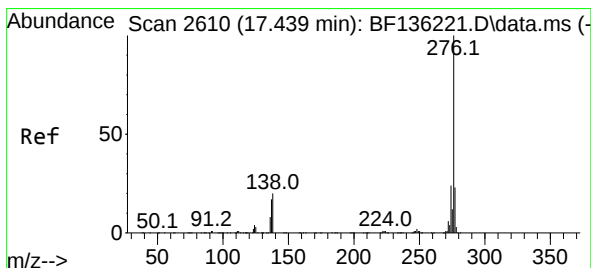
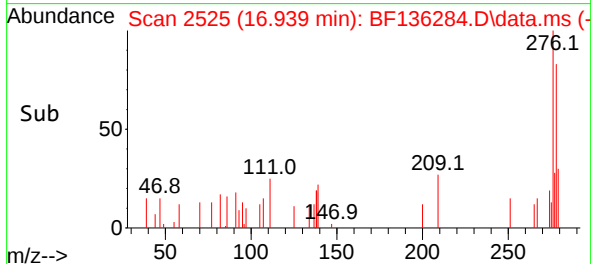
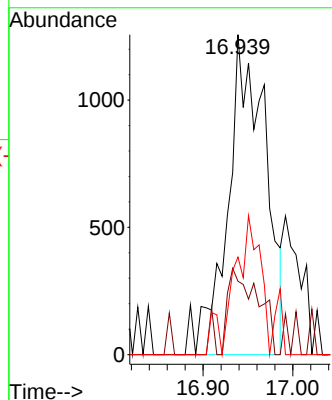
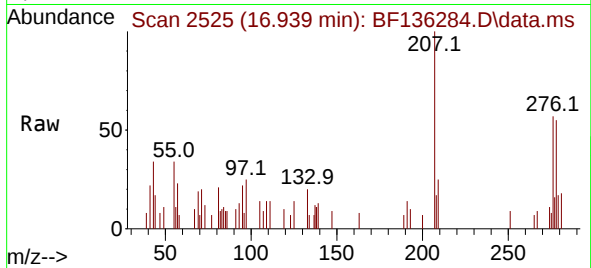




#91
Dibenzo(a,h)anthracene
Concen: 2.945 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.064 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Instrument :
BNA_F
ClientSampleId :
PB156940TB

Tgt Ion:278 Resp: 3680
Ion Ratio Lower Upper
278 100
139 22.9 11.7 17.5#
279 30.5 17.8 26.8#



#92
Benzo(g,h,i)perylene
Concen: 2.125 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.065 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion:276 Resp: 3509
Ion Ratio Lower Upper
276 100
277 21.5 18.6 27.8
138 20.9 15.8 23.8

