

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136279.D
 Acq On : 29 Nov 2023 12:49
 Operator : CG\JU
 Sample : PB157430BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157160BL

Quant Time: Nov 29 13:06:58 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)

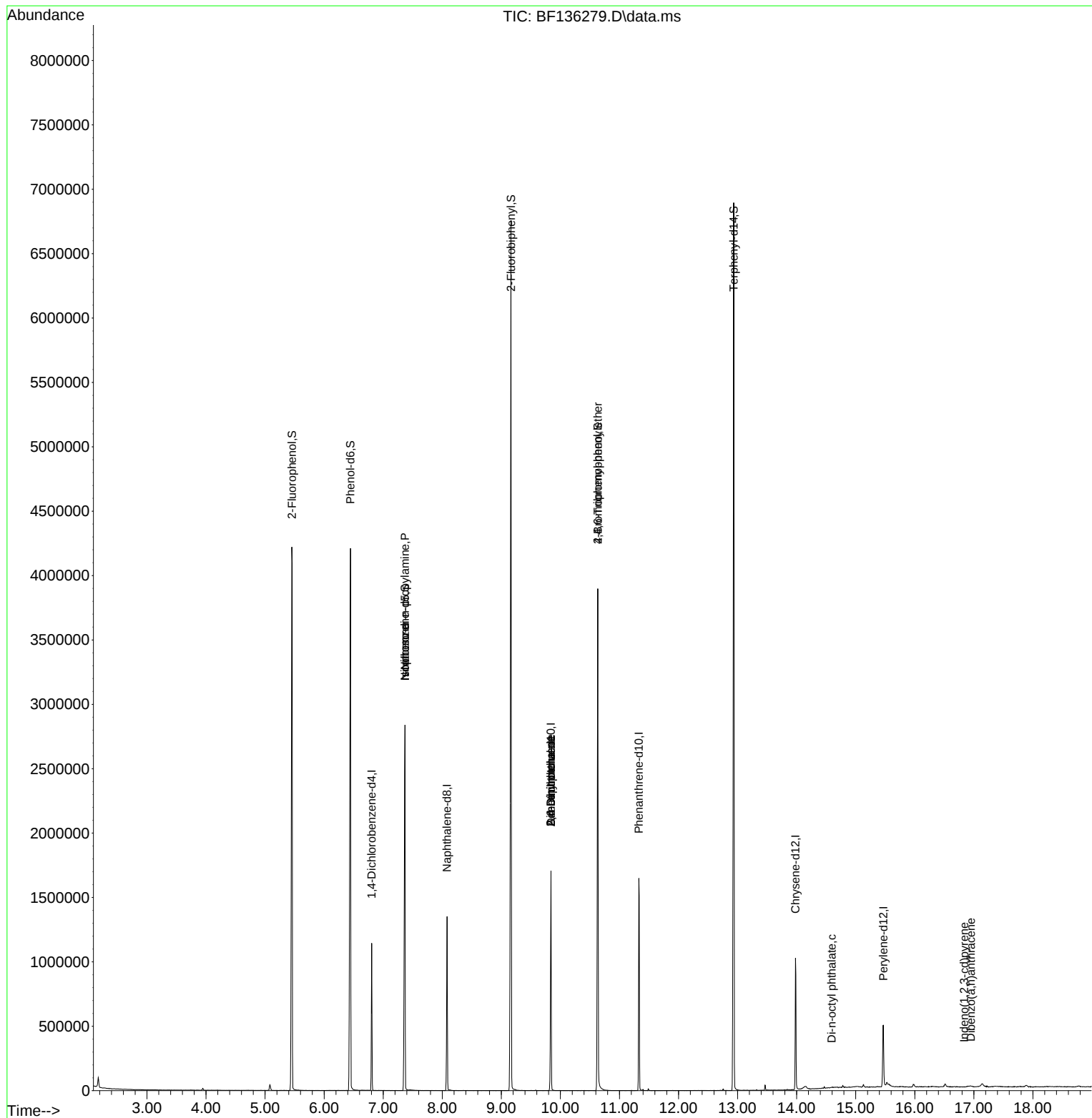
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140116	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	606257	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	319164	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	625152	20.000	ng	0.00
76) Chrysene-d12	13.980	240	351804	20.000	ng	-0.01
86) Perylene-d12	15.468	264	241050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1386470	137.726	ng	0.02
7) Phenol-d6	6.446	99	1693860	134.569	ng	0.00
23) Nitrobenzene-d5	7.369	82	1057982	92.217	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	551029	141.215	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2202553	88.147	ng	0.00
79) Terphenyl-d14	12.933	244	2766700	90.714	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	137455	18.258	ng	# 74
25) Isophorone	7.369	82	1054179	50.959	ng	# 68
50) Dimethylphthalate	9.839	163	66530	2.758	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	38730	7.859	ng	# 25
57) 2,4-Dinitrotoluene	9.839	165	38730	5.883	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	30524	4.185	ng	# 1
85) Di-n-octyl phthalate	14.592	149	813	5.193	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.839	276	249	2.692	ng	94
91) Dibenzo(a,h)anthracene	16.951	278	3937	2.970	ng	# 89

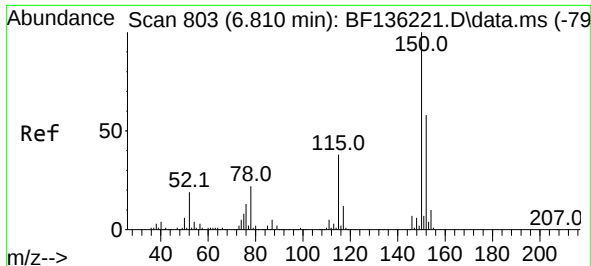
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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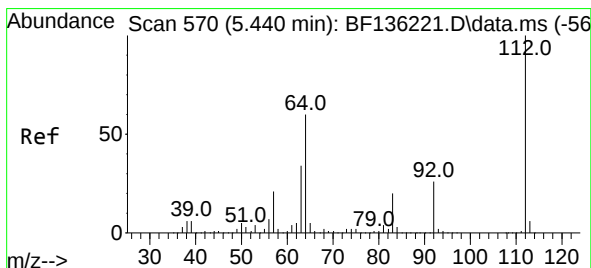
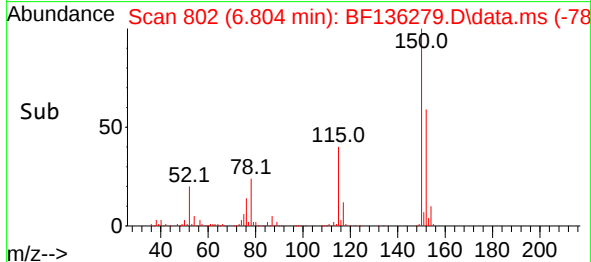
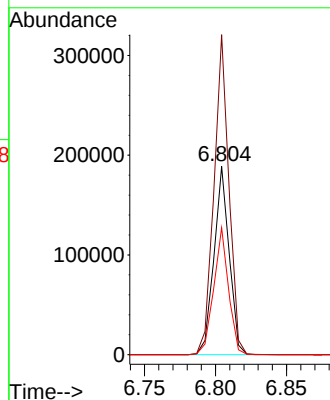
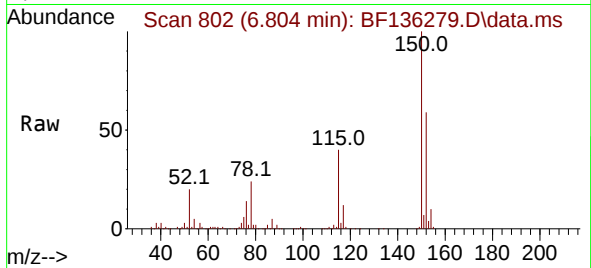




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

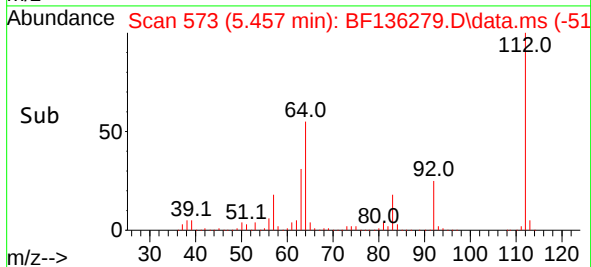
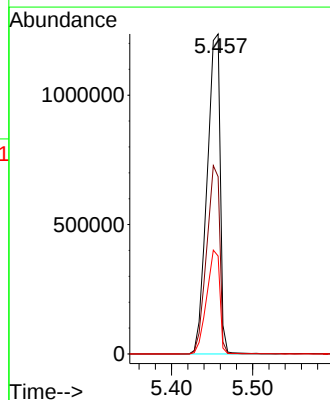
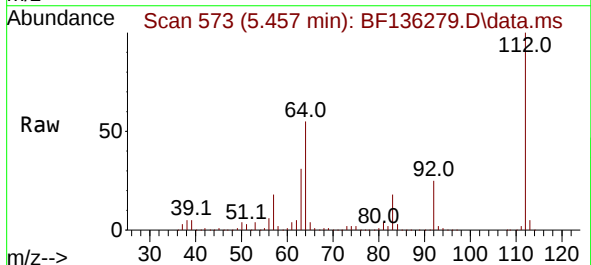
Instrument :
BNA_F
ClientSampleId :
PB157160BL

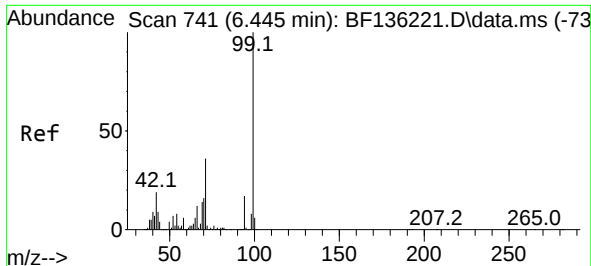
Tgt Ion:152 Resp: 140116
Ion Ratio Lower Upper
152 100
150 169.9 137.8 206.8
115 67.4 52.7 79.1



#5
2-Fluorophenol
Concen: 137.726 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

Tgt Ion:112 Resp: 1386470
Ion Ratio Lower Upper
112 100
64 55.4 48.2 72.4
63 30.6 27.0 40.6

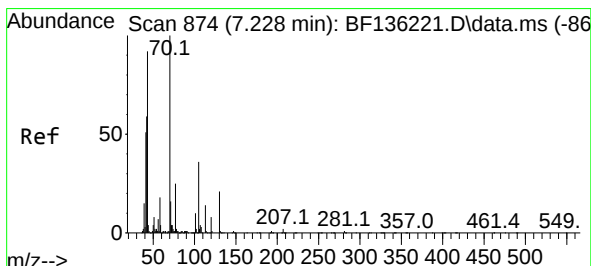
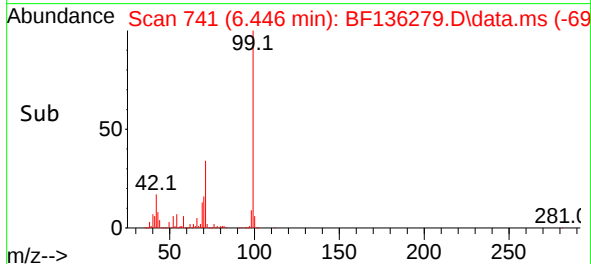
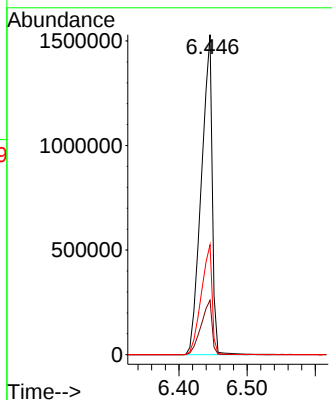
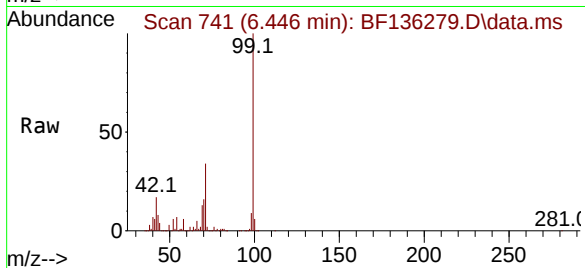




#7
Phenol-d6
Concen: 134.569 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

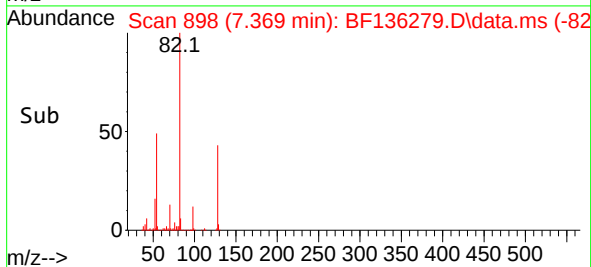
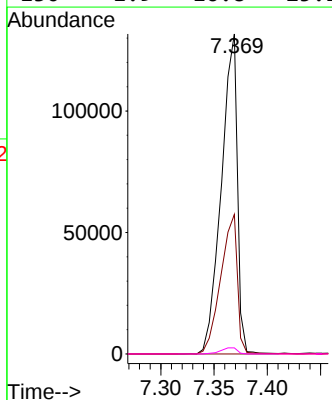
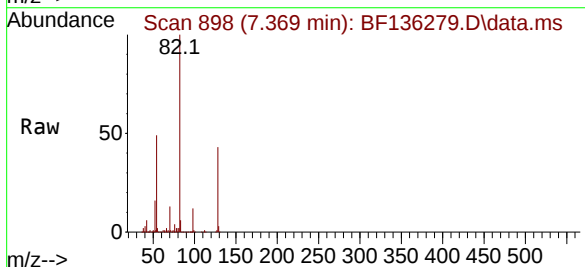
Instrument :
BNA_F
ClientSampleId :
PB157160BL

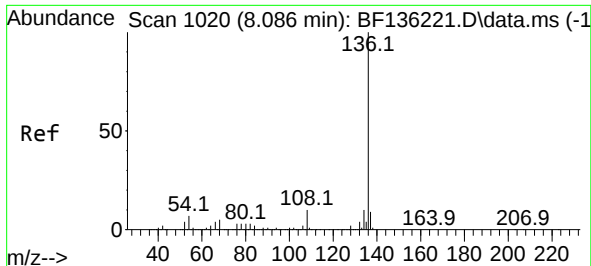
Tgt Ion: 99 Resp: 1693860
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 34.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.258 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

Tgt Ion: 70 Resp: 137455
Ion Ratio Lower Upper
70 100
42 43.6 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#

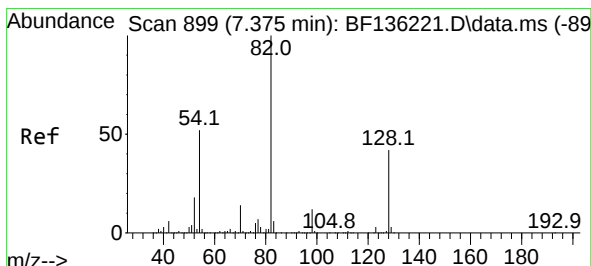
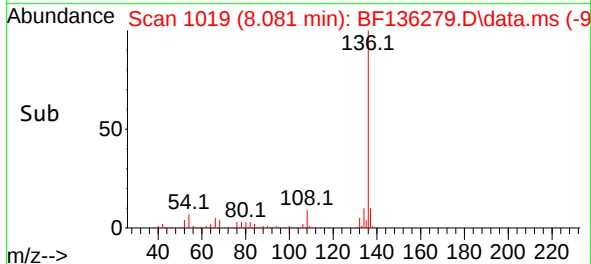
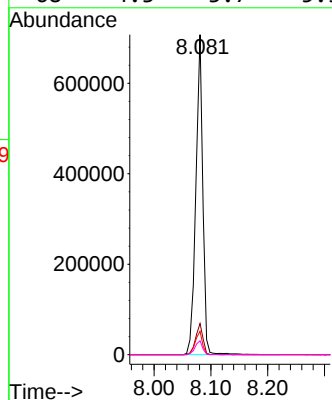
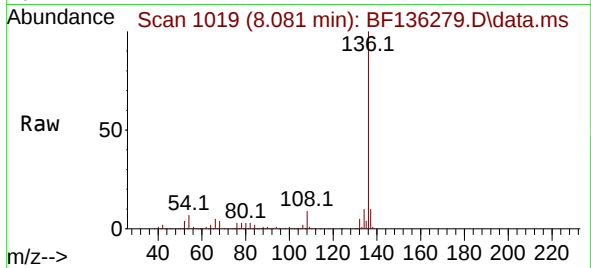




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

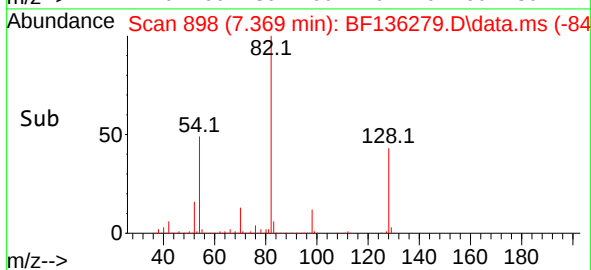
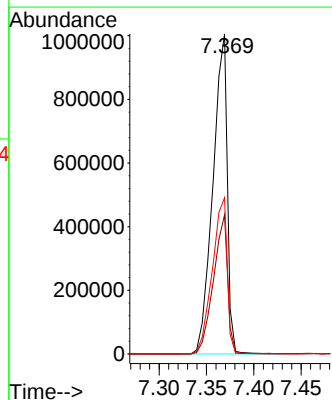
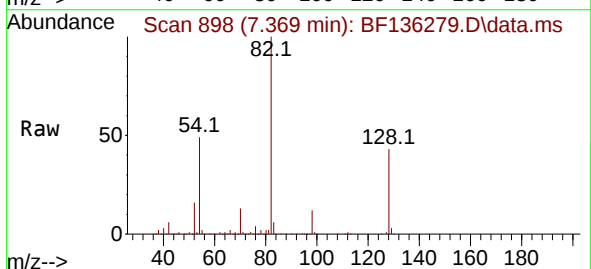
Instrument :
BNA_F
ClientSampleId :
PB157160BL

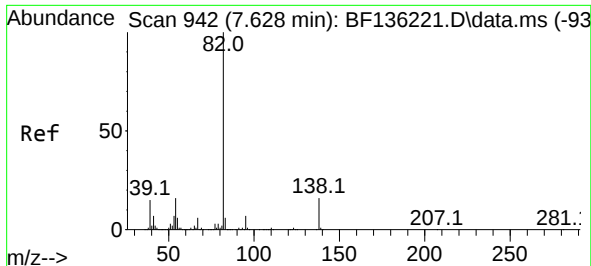
Tgt Ion:136 Resp: 606257
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 7.3 5.5 8.3
68 4.3 3.7 5.5



#23
Nitrobenzene-d5
Concen: 92.217 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

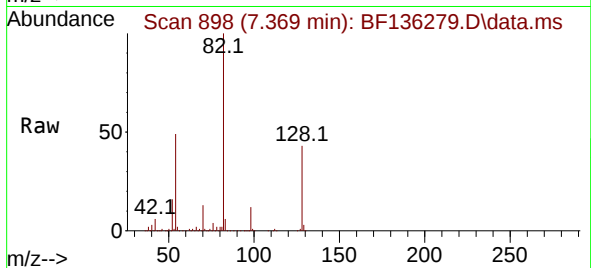
Tgt Ion: 82 Resp: 1057982
Ion Ratio Lower Upper
82 100
128 43.4 33.4 50.2
54 48.8 41.7 62.5



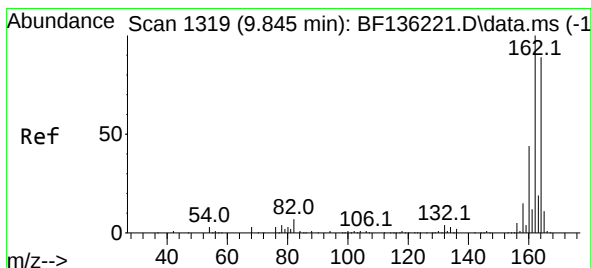
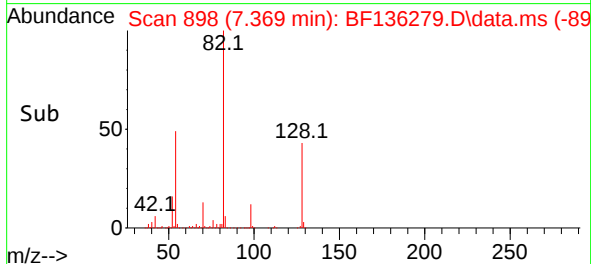
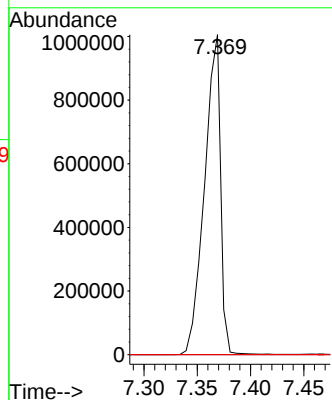


#25
Isophorone
Concen: 50.959 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

Instrument :
BNA_F
ClientSampleId :
PB157160BL

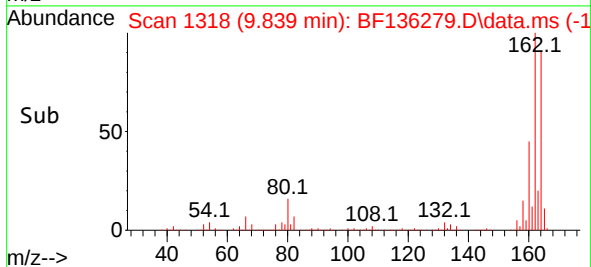
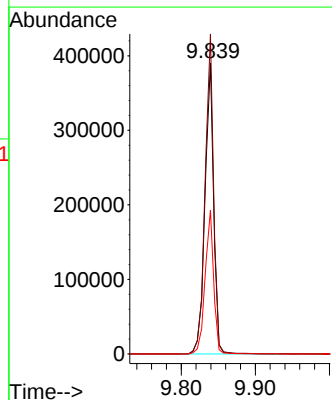
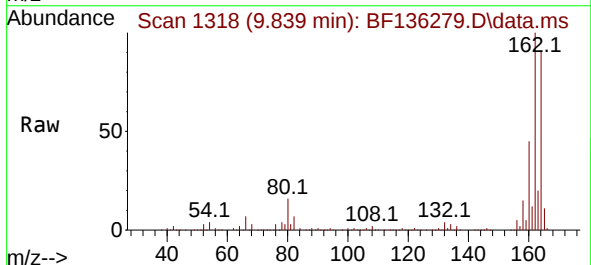


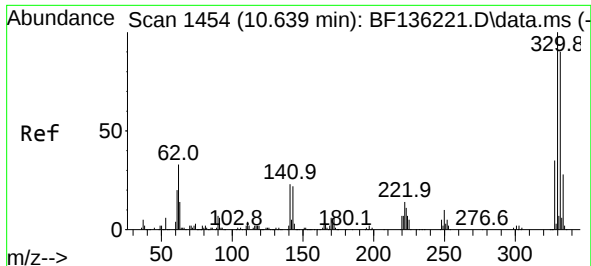
Tgt Ion: 82 Resp: 1054179
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

Tgt Ion:164 Resp: 319164
Ion Ratio Lower Upper
164 100
162 109.9 89.5 134.3
160 49.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 141.215 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136279.D

Acq: 29 Nov 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB157160BL

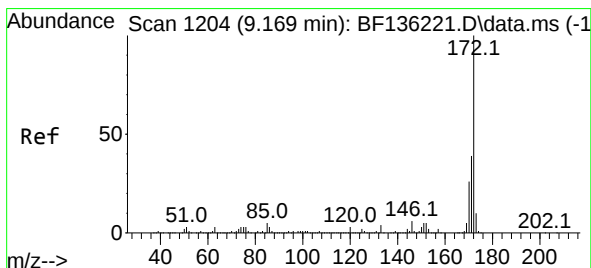
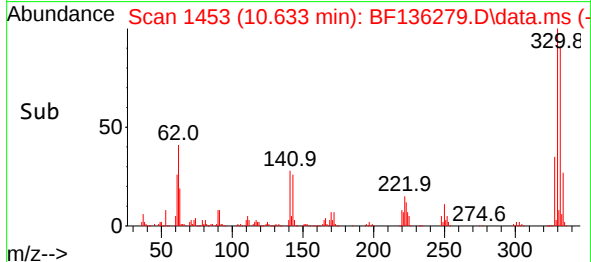
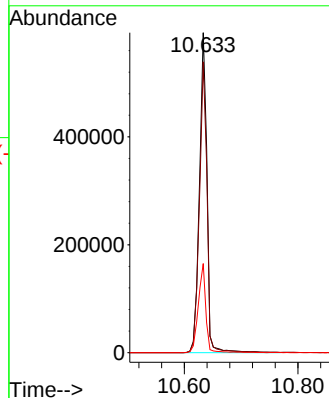
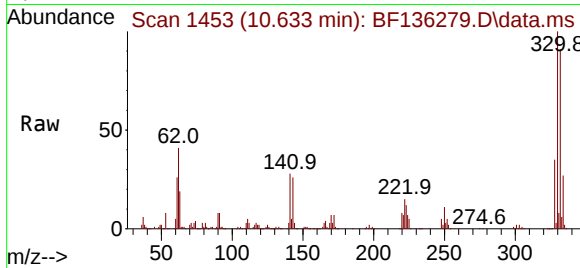
Tgt Ion:330 Resp: 551029

Ion Ratio Lower Upper

330 100

332 91.8 73.0 109.6

141 28.1 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 88.147 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136279.D

Acq: 29 Nov 2023 12:49

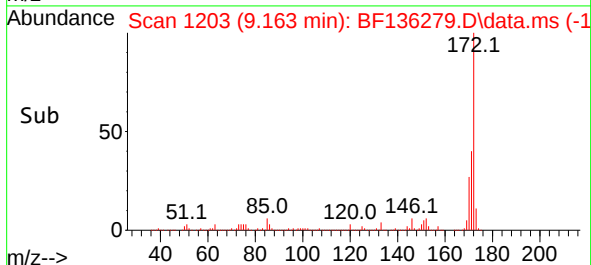
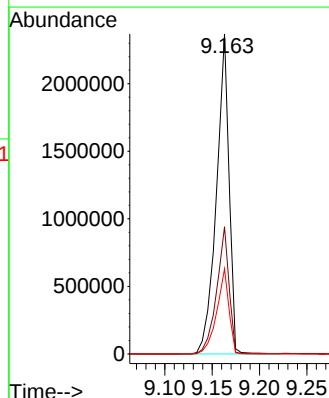
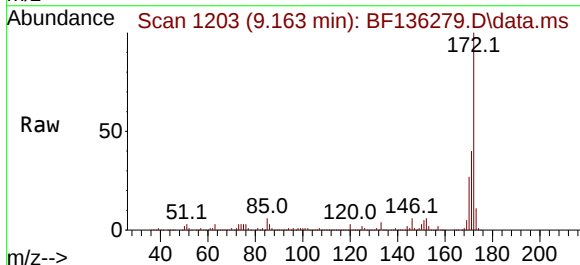
Tgt Ion:172 Resp: 2202553

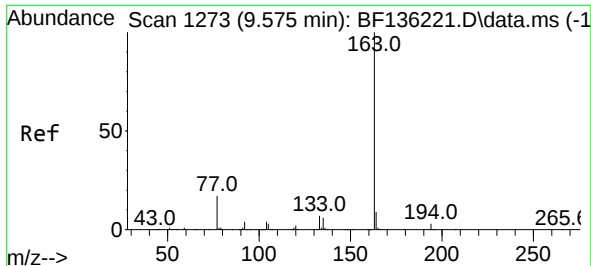
Ion Ratio Lower Upper

172 100

171 39.7 31.5 47.3

170 26.6 20.8 31.2

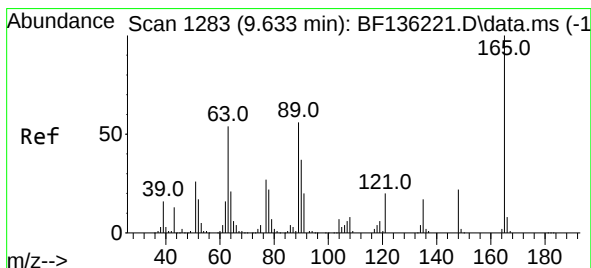
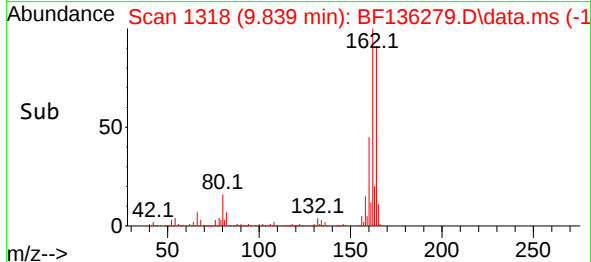
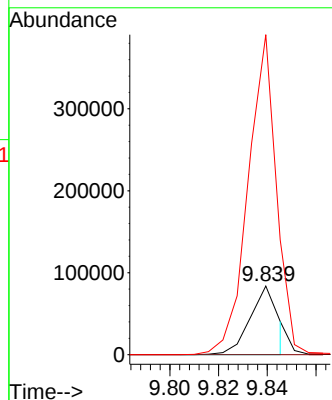
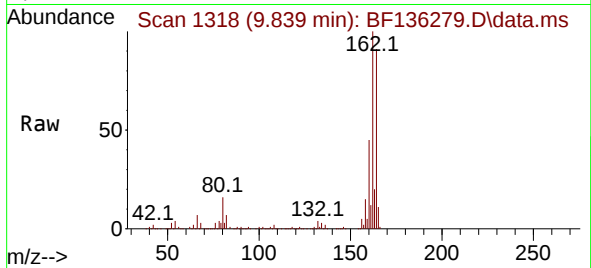




#50
Dimethylphthalate
Concen: 2.758 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

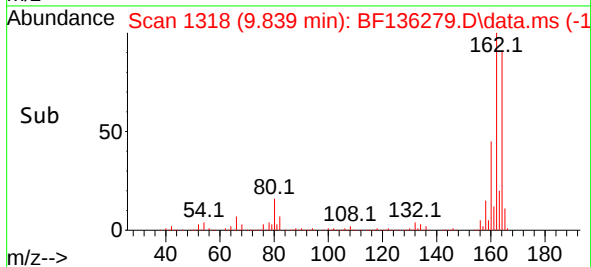
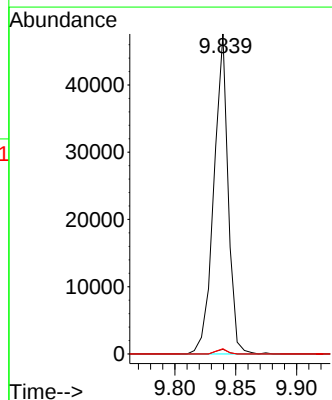
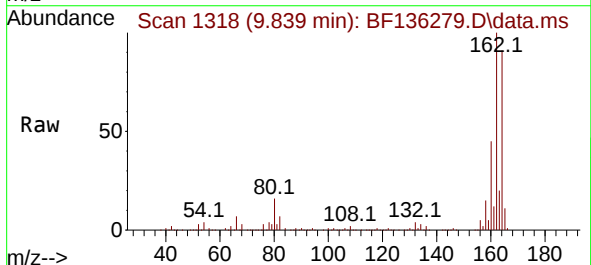
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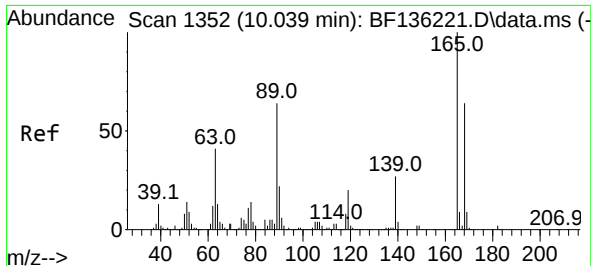
Tgt Ion:163 Resp: 66530
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 466.3 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.859 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

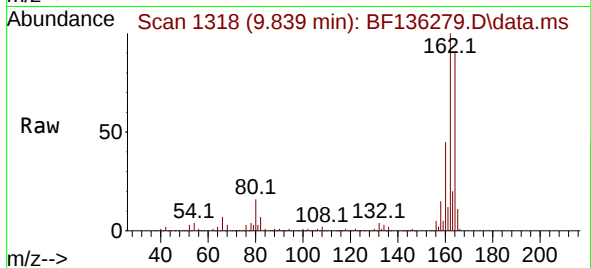
Tgt Ion:165 Resp: 38730
Ion Ratio Lower Upper
165 100
63 1.5 46.2 69.2#
89 1.6 44.9 67.3#



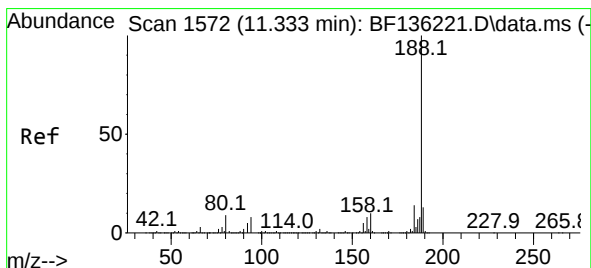
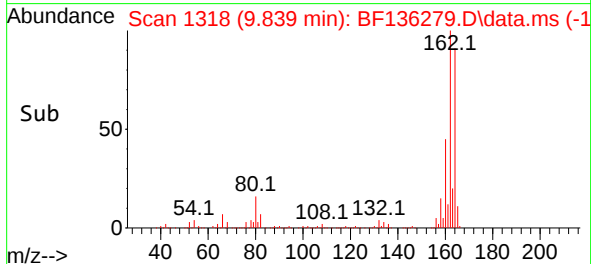
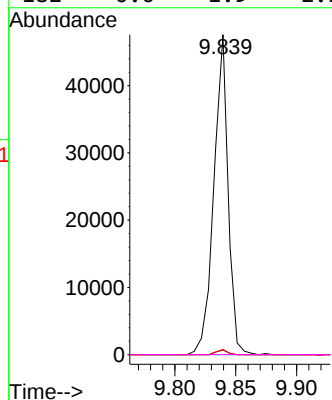


#57
2,4-Dinitrotoluene
Concen: 5.883 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

Instrument :
BNA_F
ClientSampleId :
PB157160BL

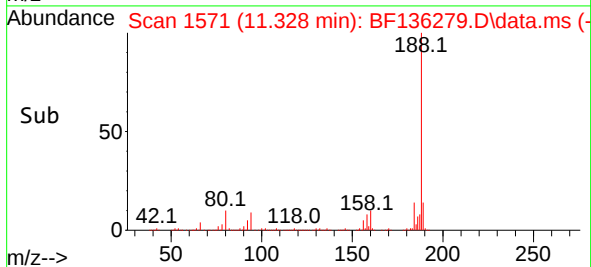
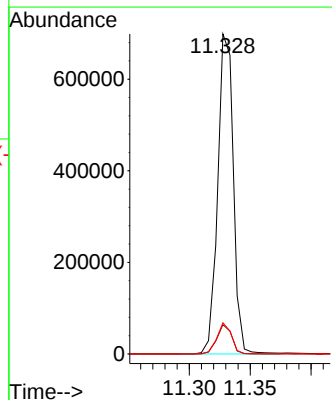
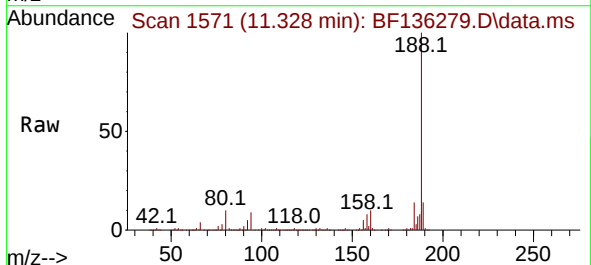


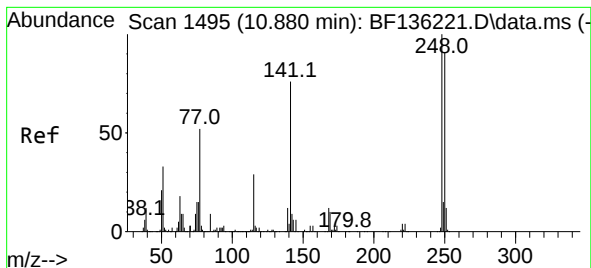
Tgt Ion:165 Resp: 38730
Ion Ratio Lower Upper
165 100
63 1.5 33.0 49.4#
89 1.6 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

Tgt Ion:188 Resp: 625152
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.8 7.2 10.8

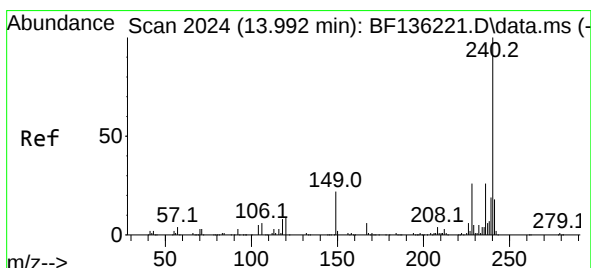
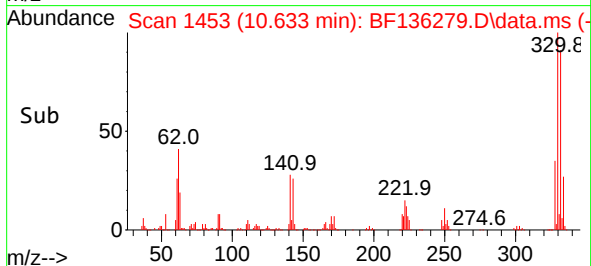
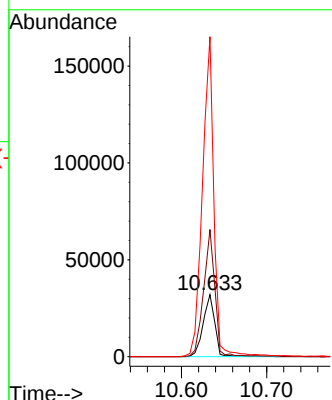
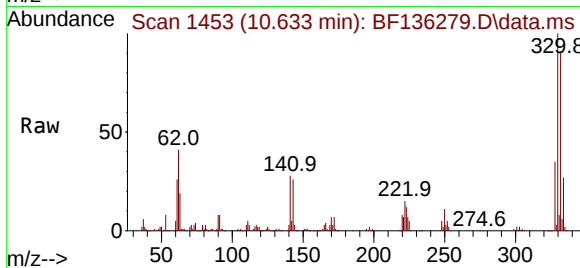




#67
4-Bromophenyl-phenylether
Concen: 4.185 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

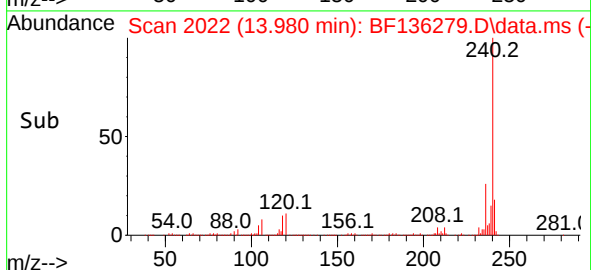
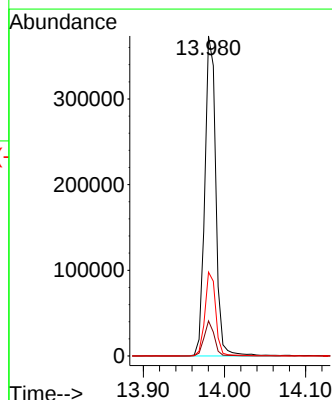
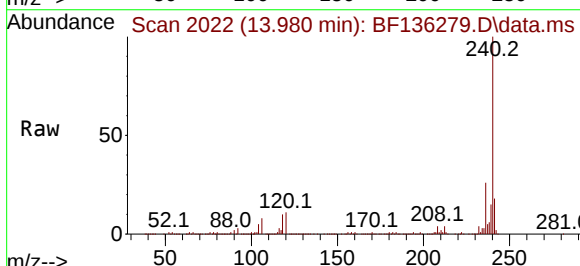
Instrument :
BNA_F
ClientSampleId :
PB157160BL

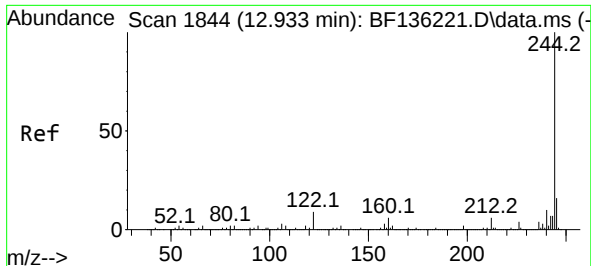
Tgt Ion:248 Resp: 30524
Ion Ratio Lower Upper
248 100
250 205.1 72.5 108.7#
141 515.8 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136279.D
Acq: 29 Nov 2023 12:49

Tgt Ion:240 Resp: 351804
Ion Ratio Lower Upper
240 100
120 11.0 7.4 11.2
236 26.2 21.1 31.7

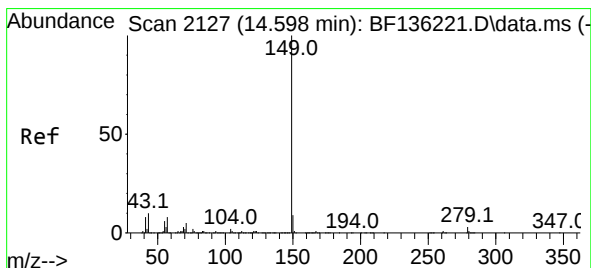
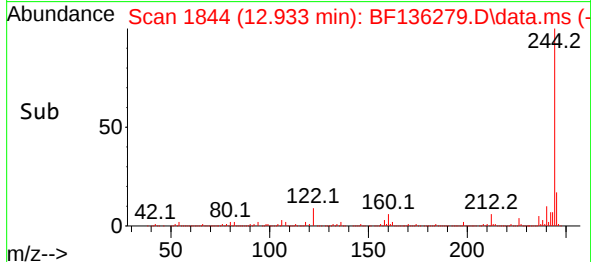
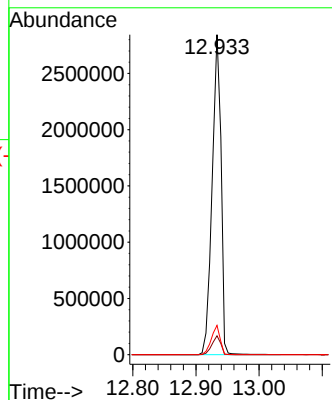
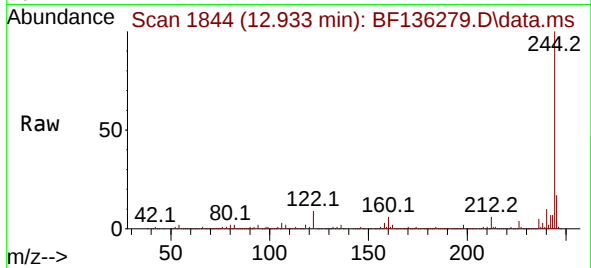




#79
 Terphenyl-d14
 Concen: 90.714 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136279.D
 Acq: 29 Nov 2023 12:49

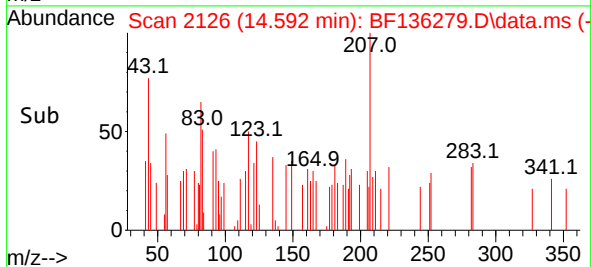
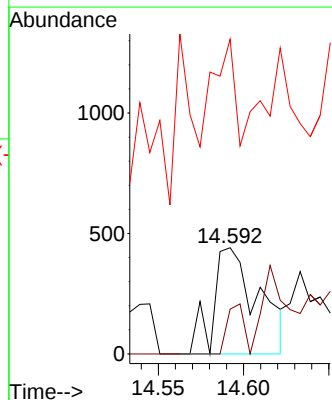
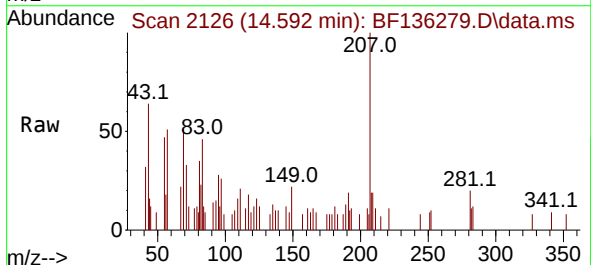
Instrument :
 BNA_F
 ClientSampleId :
 PB157160BL

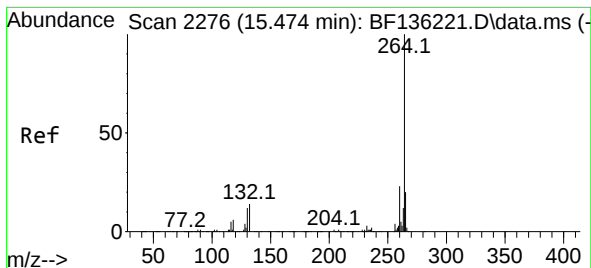
Tgt Ion:244 Resp: 2766700
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.2 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.193 ng
 RT: 14.592 min Scan# 2126
 Delta R.T. -0.006 min
 Lab File: BF136279.D
 Acq: 29 Nov 2023 12:49

Tgt Ion:149 Resp: 813
 Ion Ratio Lower Upper
 149 100
 167 17.1 1.0 1.6#
 43 67.9 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136279.D

Acq: 29 Nov 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB157160BL

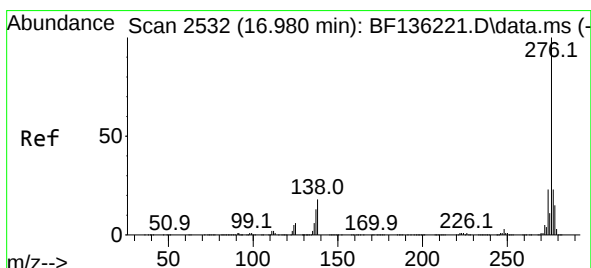
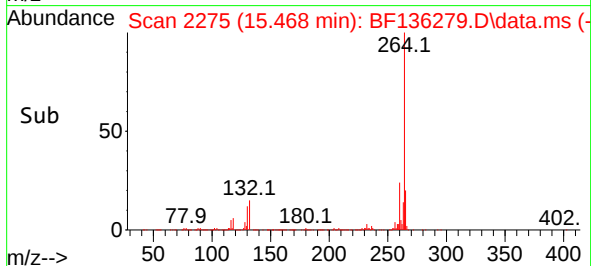
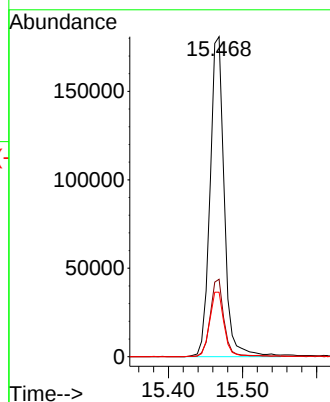
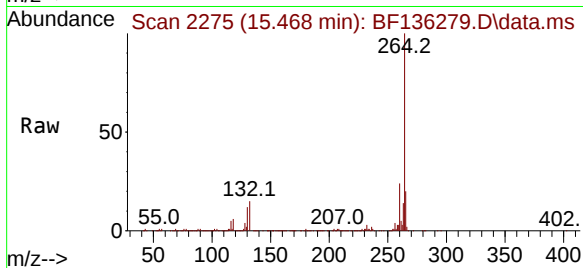
Tgt Ion:264 Resp: 241050

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 20.2 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.692 ng

RT: 16.839 min Scan# 2508

Delta R.T. -0.141 min

Lab File: BF136279.D

Acq: 29 Nov 2023 12:49

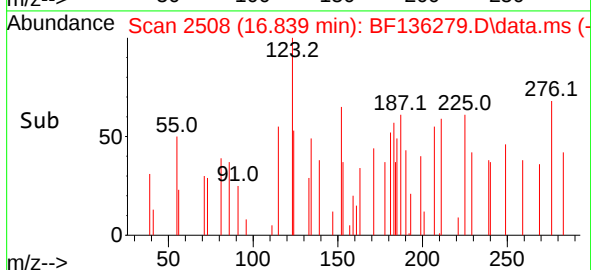
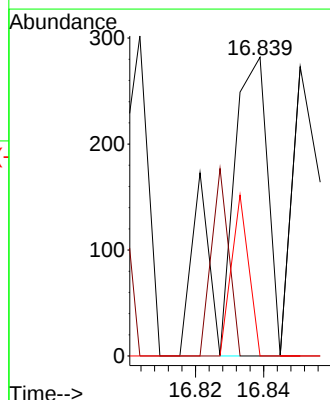
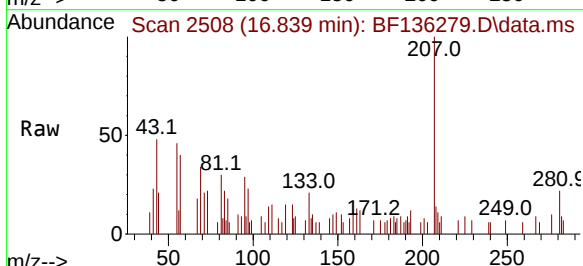
Tgt Ion:276 Resp: 249

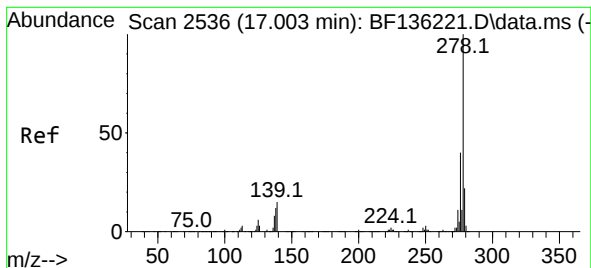
Ion Ratio Lower Upper

276 100

138 24.9 17.7 26.5

277 21.7 19.6 29.4





#91

Dibenzo(a,h)anthracene

Concen: 2.970 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.052 min

Lab File: BF136279.D

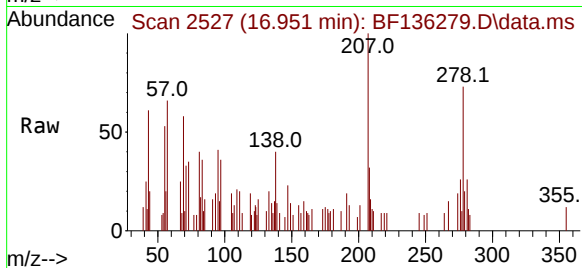
Acq: 29 Nov 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB157160BL



Tgt Ion:278 Resp: 3937

Ion Ratio Lower Upper

278 100

139 19.0 11.7 17.5#

279 27.9 17.8 26.8#

