

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
 Data File : BF136045.D
 Acq On : 31 Oct 2023 11:56
 Operator : CG\JU
 Sample : PB156648BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156648BL

Quant Time: Oct 31 12:19:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

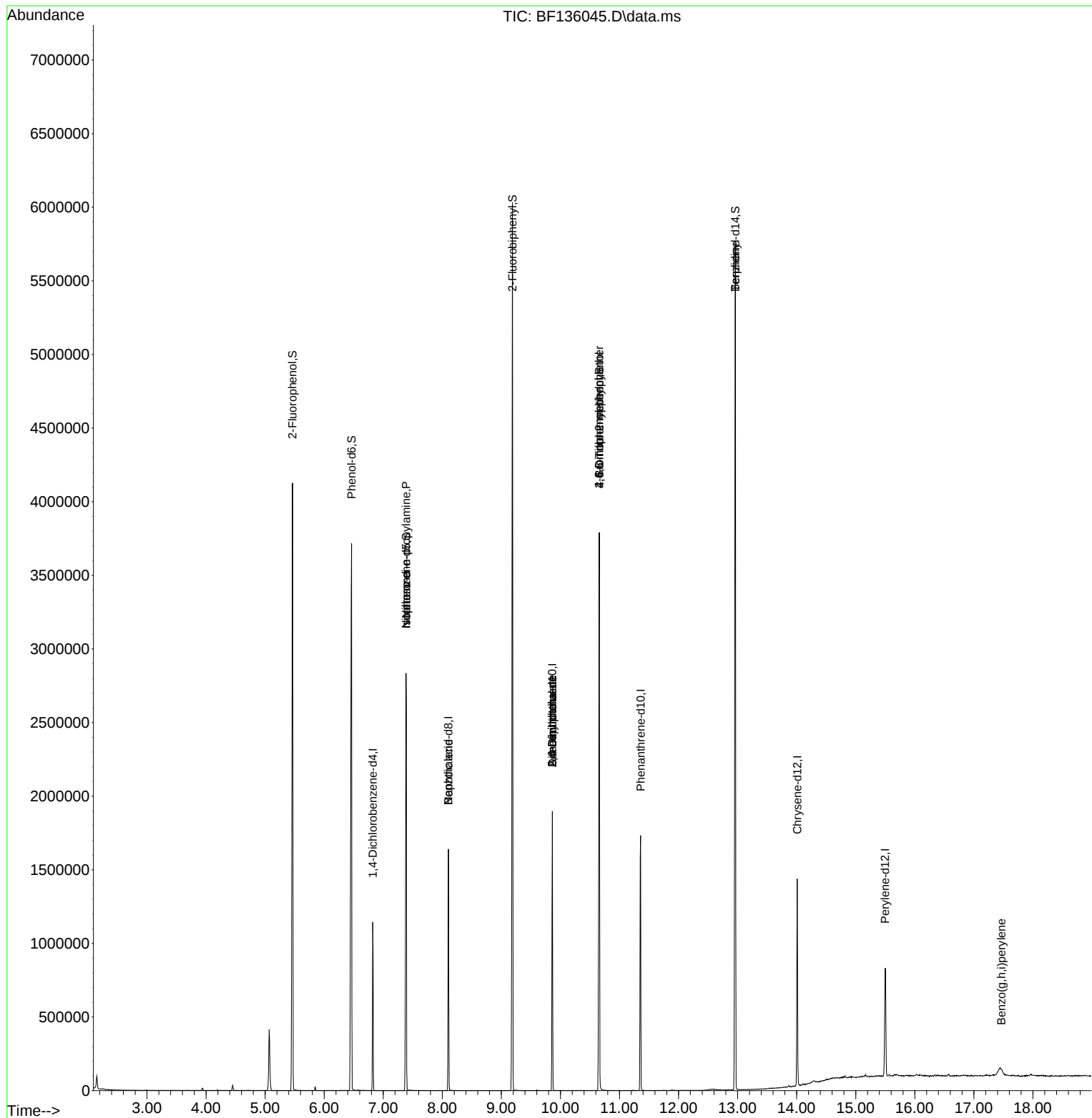
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	160587	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	637464	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	336172	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	640736	20.000	ng	0.00
76) Chrysene-d12	14.010	240	451344	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	370654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1321086	129.274	ng	0.01
7) Phenol-d6	6.463	99	1608969	126.366	ng	0.00
23) Nitrobenzene-d5	7.386	82	994098	94.008	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	504767	140.673	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1840175	87.260	ng	0.00
79) Terphenyl-d14	12.963	244	2315520	79.726	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	130285	17.908	ng	# 79
25) Isophorone	7.386	82	991582	49.669	ng	# 64
32) Benzoic acid	8.104	122	136	5.131	ng	# 1
50) Dimethylphthalate	9.863	163	69529	3.136	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	44285	9.338	ng	# 28
57) 2,4-Dinitrotoluene	9.863	165	44285	7.380	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.657	198	957	6.030	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	30416	4.528	ng	# 1
77) Benzidine	12.963	184	26371	2.998	ng	# 94
92) Benzo(g,h,i)perylene	17.468	276	260	2.906	ng	# 1

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

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QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

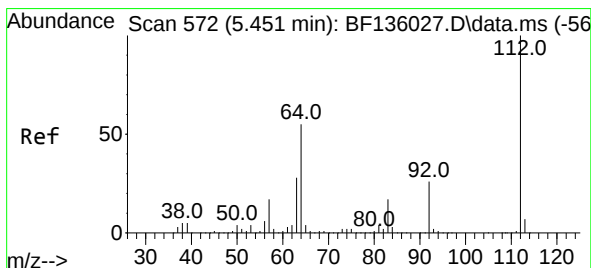
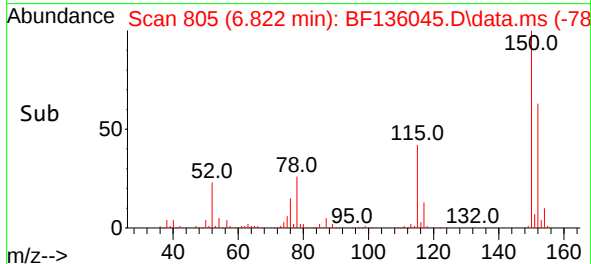
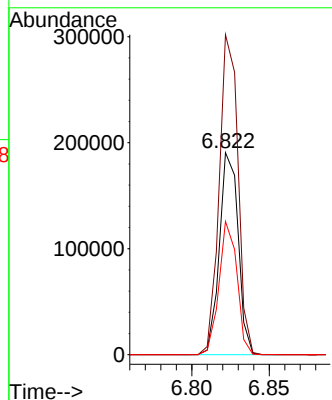
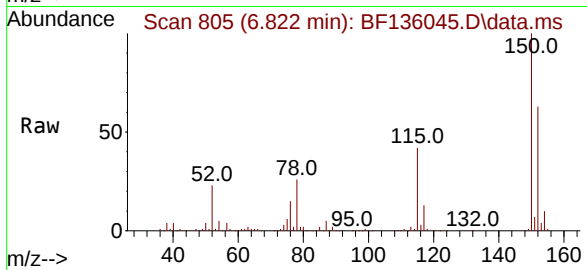




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

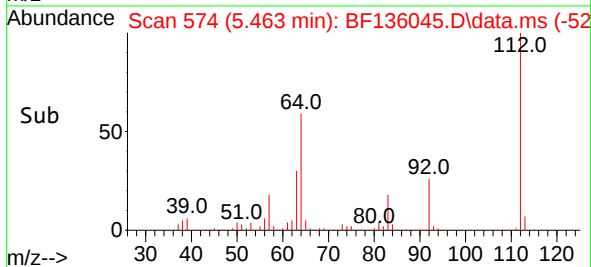
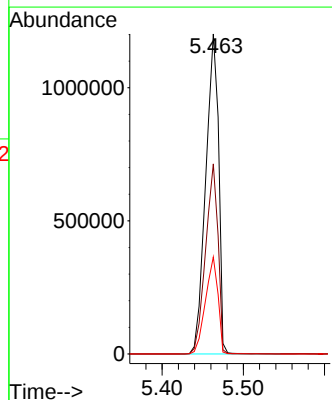
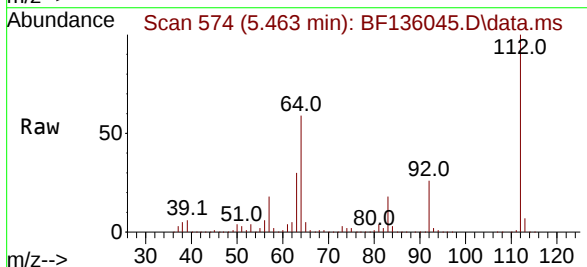
Instrument :
BNA_F
ClientSampleId :
PB156648BL

Tgt Ion:152 Resp: 160587
Ion Ratio Lower Upper
152 100
150 158.4 126.4 189.6
115 66.0 47.0 70.4



#5
2-Fluorophenol
Concen: 129.274 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Tgt Ion:112 Resp: 1321086
Ion Ratio Lower Upper
112 100
64 59.4 43.9 65.9
63 30.3 22.4 33.6





#7

Phenol-d6

Concen: 126.366 ng

RT: 6.463 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB156648BL

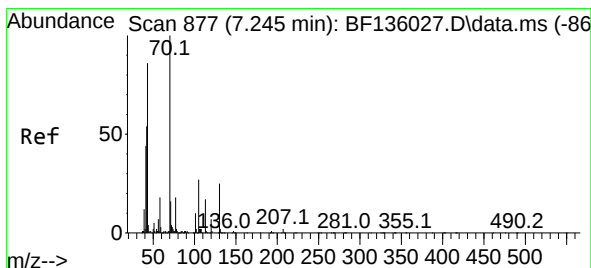
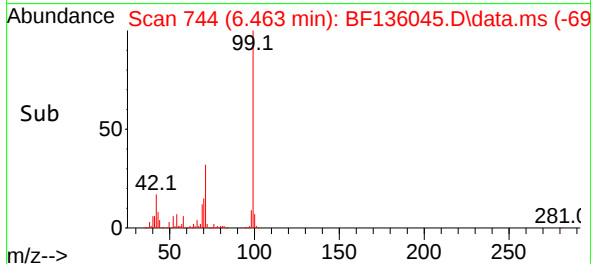
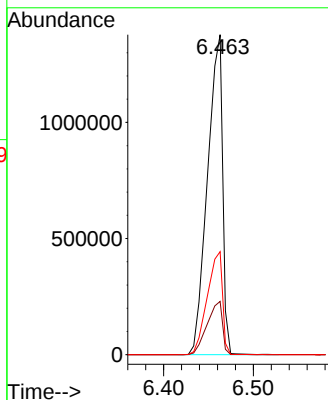
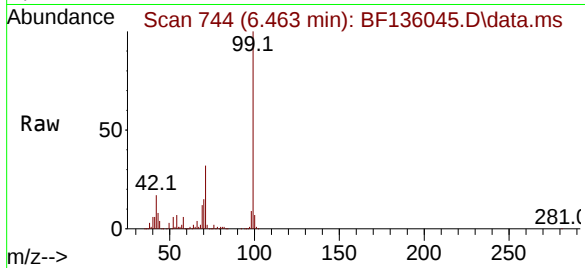
Tgt Ion: 99 Resp: 1608969

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

71 32.2 25.9 38.9



#19

n-Nitroso-di-n-propylamine

Concen: 17.908 ng

RT: 7.386 min Scan# 901

Delta R.T. 0.141 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

Tgt Ion: 70 Resp: 130285

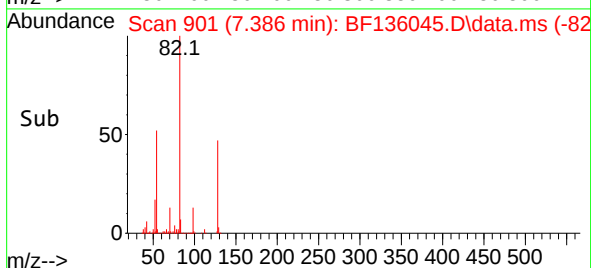
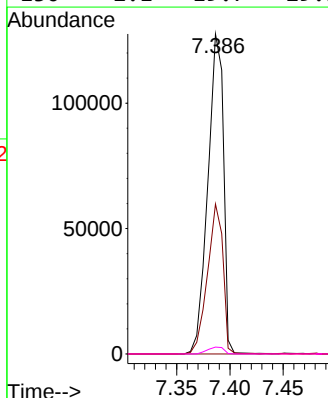
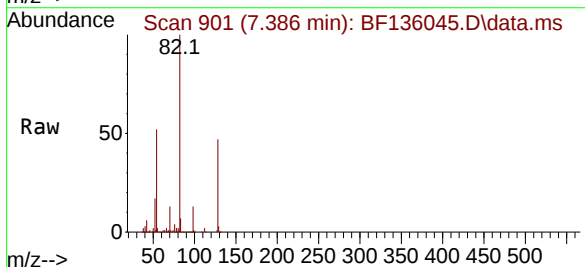
Ion Ratio Lower Upper

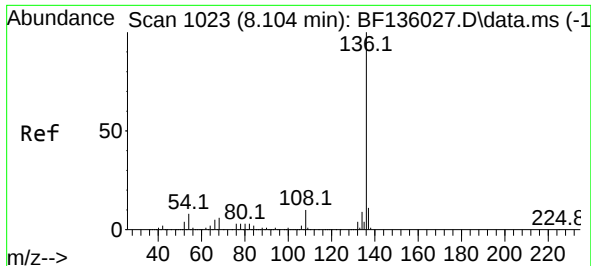
70 100

42 46.9 43.0 64.4

101 0.0 8.0 12.0#

130 2.1 19.7 29.5#



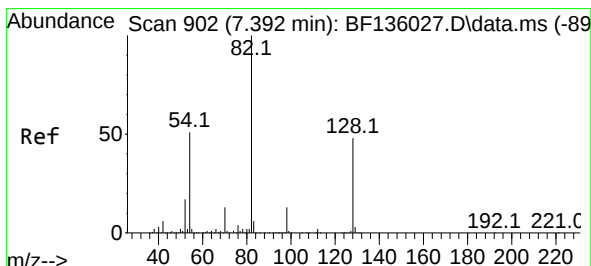
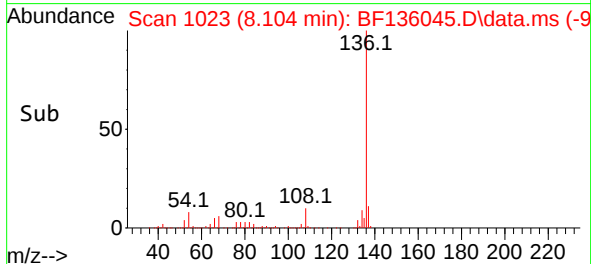
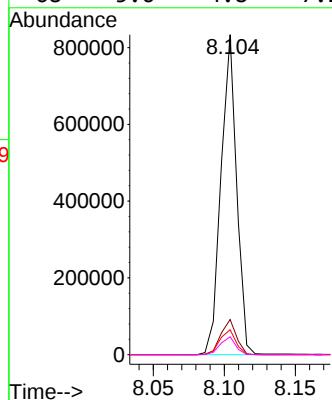
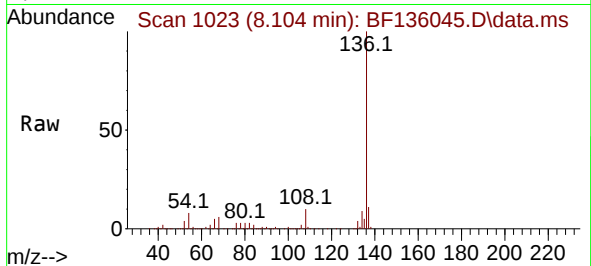


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Instrument :
BNA_F
ClientSampleId :
PB156648BL

Tgt Ion:136 Resp: 637464

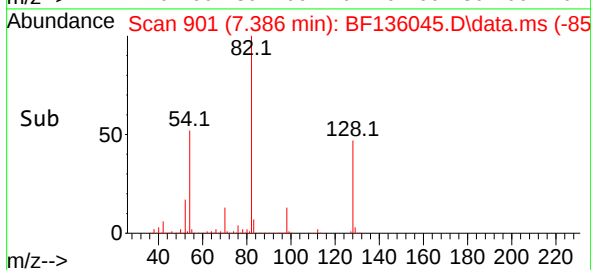
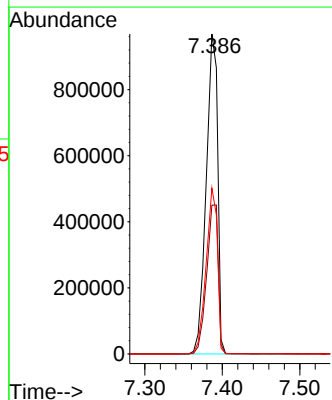
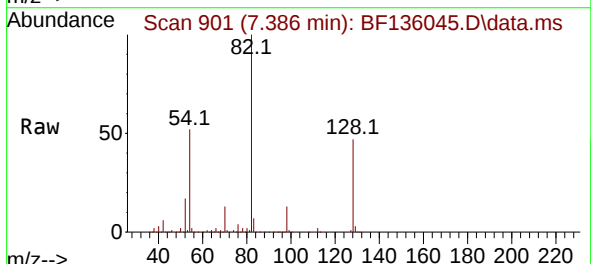
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.8	6.6	9.8
68	5.6	4.8	7.2

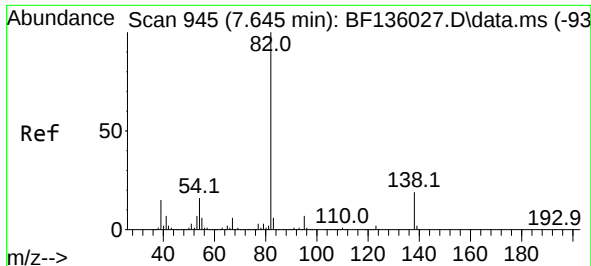


#23
Nitrobenzene-d5
Concen: 94.008 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Tgt Ion: 82 Resp: 994098

Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.6	57.8
54	51.9	40.8	61.2

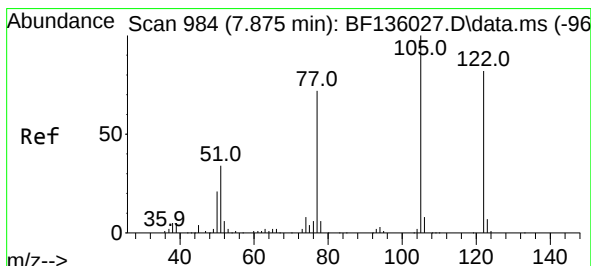
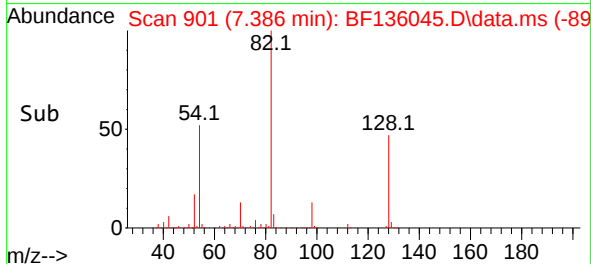
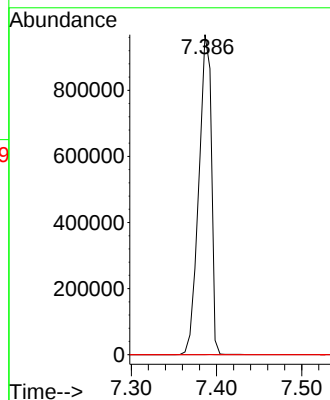
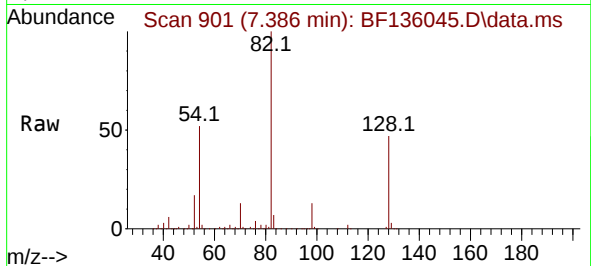




#25
Isophorone
Concen: 49.669 ng
RT: 7.386 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

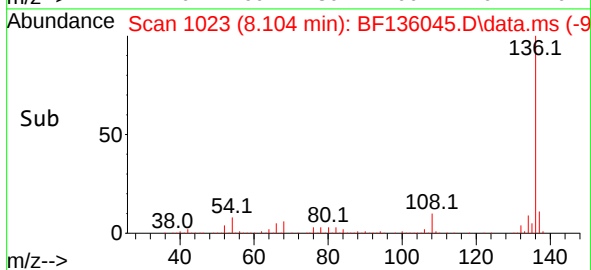
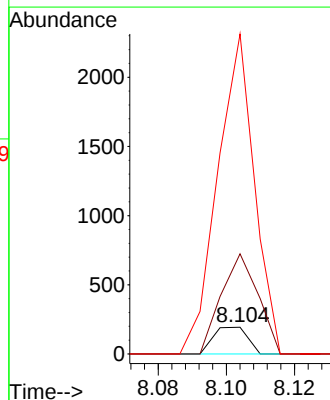
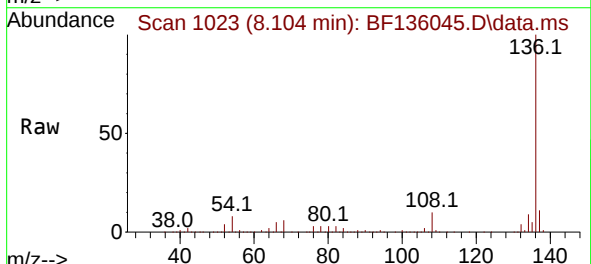
Instrument :
BNA_F
ClientSampleId :
PB156648BL

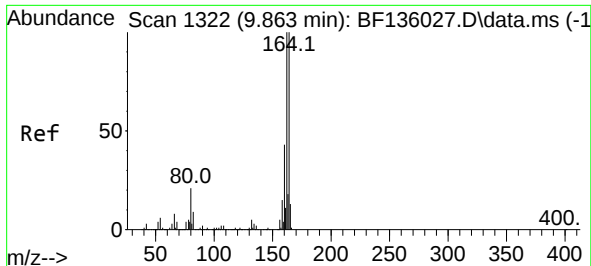
Tgt Ion: 82 Resp: 991582
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.131 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.229 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Tgt Ion: 122 Resp: 136
Ion Ratio Lower Upper
122 100
105 373.2 99.5 139.5#
77 1192.3 66.8 106.8#

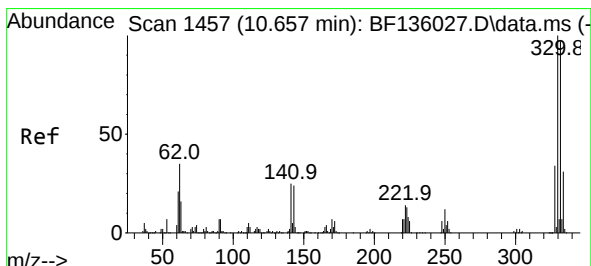
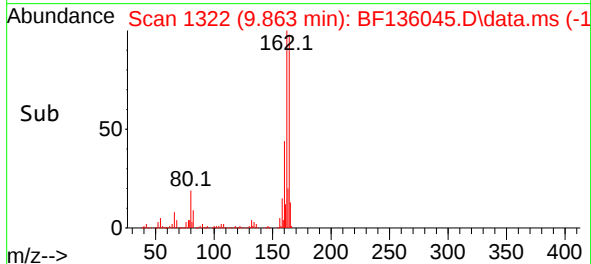
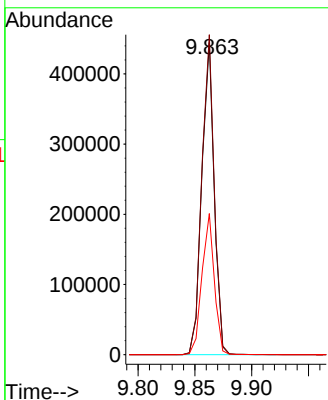
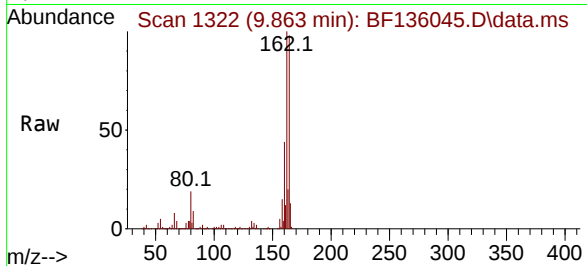




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

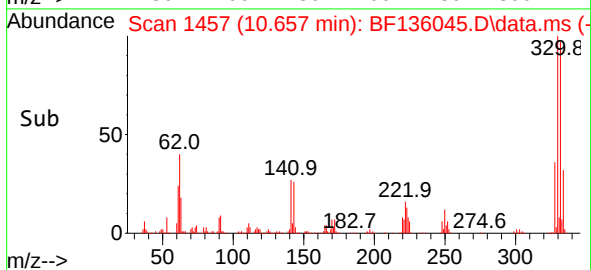
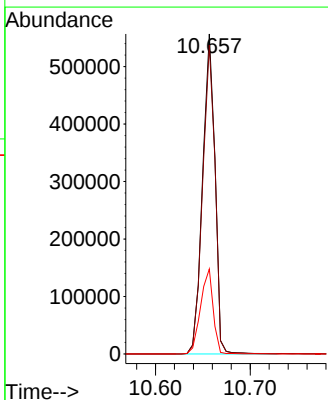
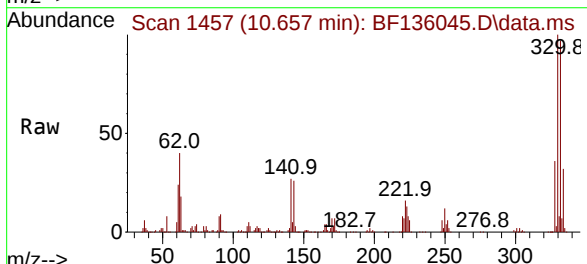
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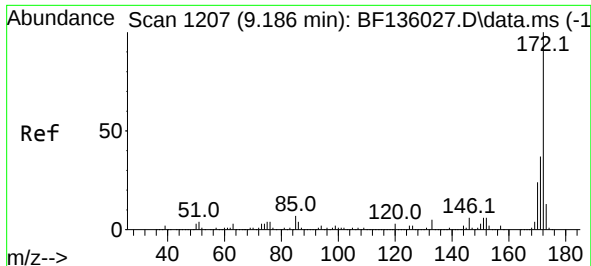
Tgt Ion:164 Resp: 336172
Ion Ratio Lower Upper
164 100
162 102.5 80.1 120.1
160 45.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 140.673 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Tgt Ion:330 Resp: 504767
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 27.2 23.2 34.8

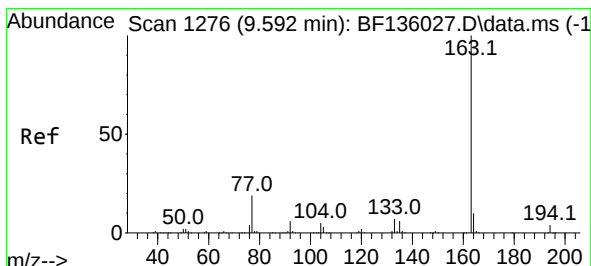
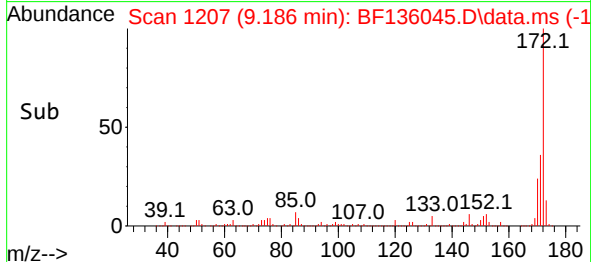
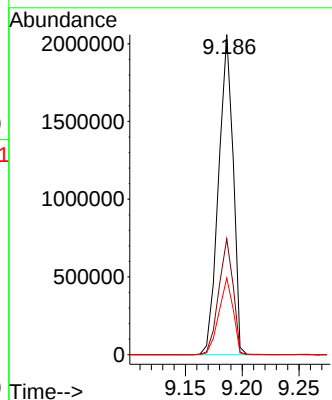
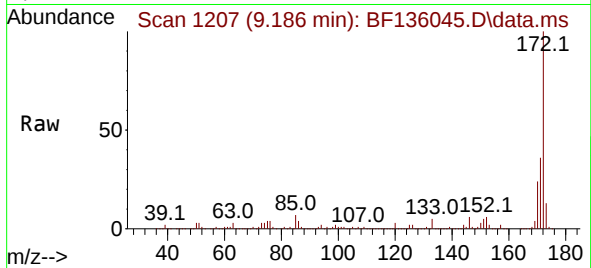




#45
2-Fluorobiphenyl
Concen: 87.260 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

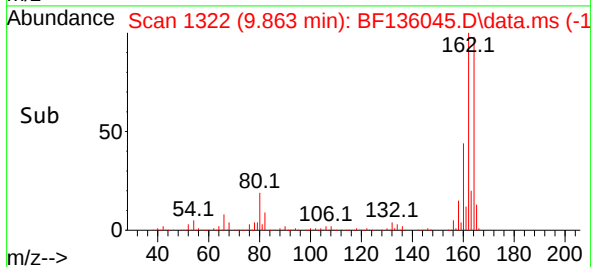
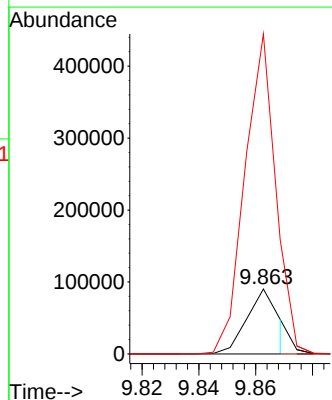
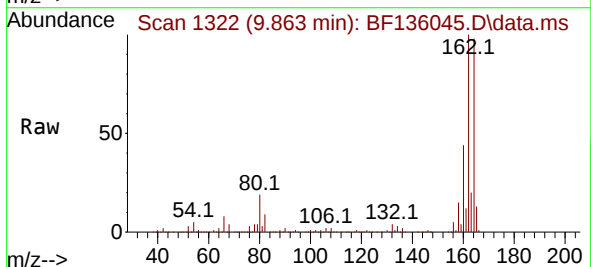
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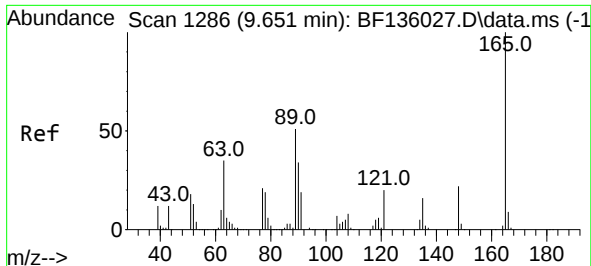
Tgt Ion:172 Resp: 1840175
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.9 19.3 28.9



#50
Dimethylphthalate
Concen: 3.136 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.271 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Tgt Ion:163 Resp: 69529
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 492.2 8.1 12.1#

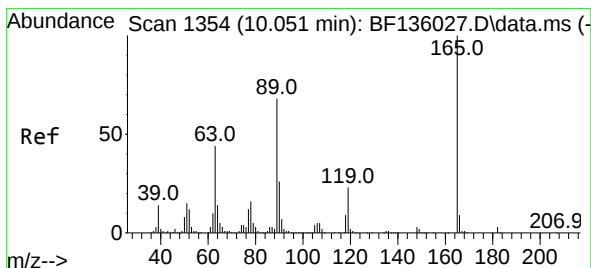
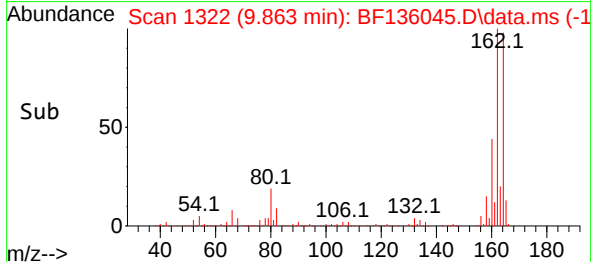
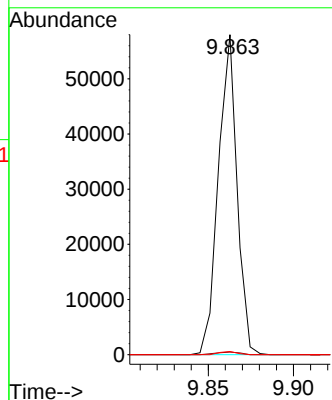
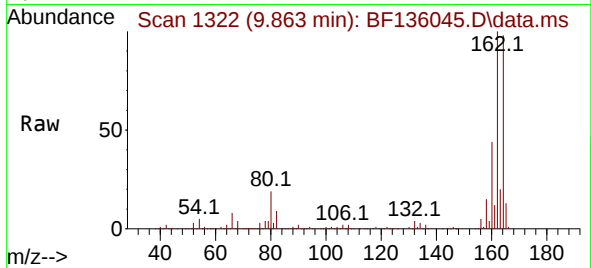




#51
2,6-Dinitrotoluene
Concen: 9.338 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

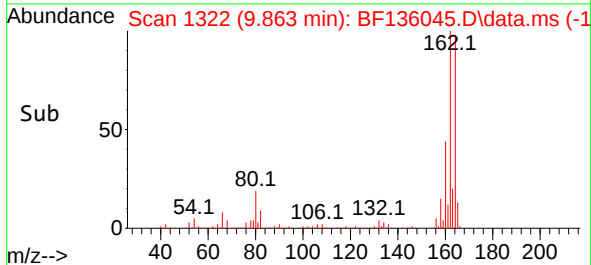
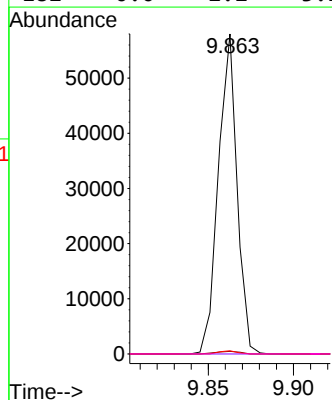
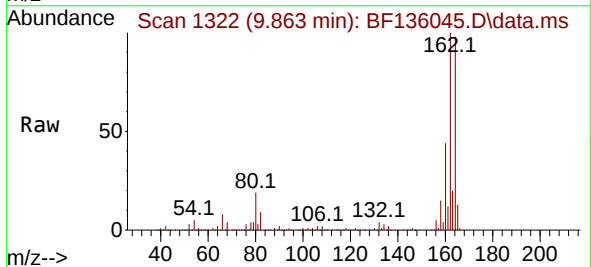
Instrument :
BNA_F
ClientSampleId :
PB156648BL

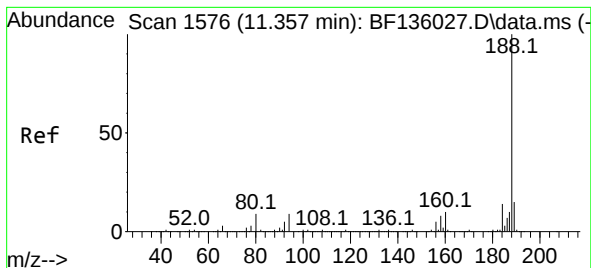
Tgt Ion:165 Resp: 44285
Ion Ratio Lower Upper
165 100
63 0.8 40.8 61.2#
89 1.0 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.380 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Tgt Ion:165 Resp: 44285
Ion Ratio Lower Upper
165 100
63 0.8 35.2 52.8#
89 1.0 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB156648BL

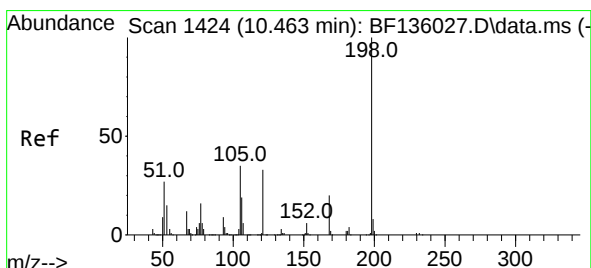
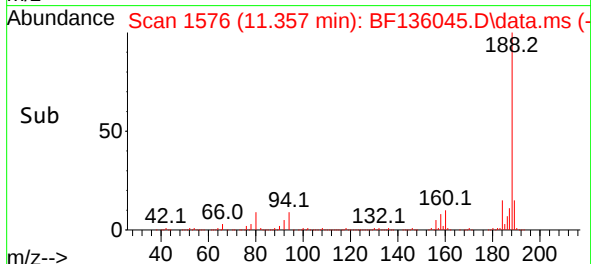
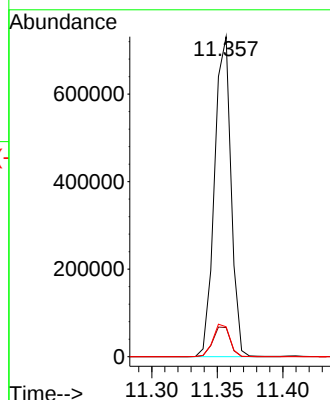
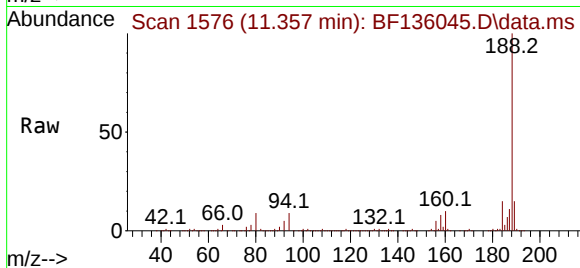
Tgt Ion:188 Resp: 640736

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 9.4 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.030 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.194 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

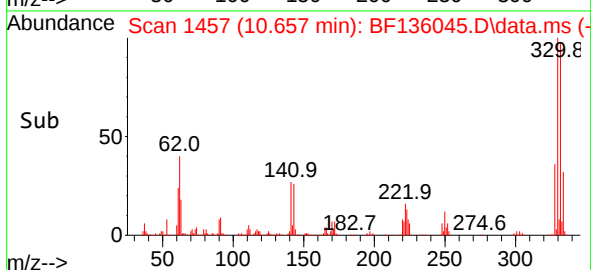
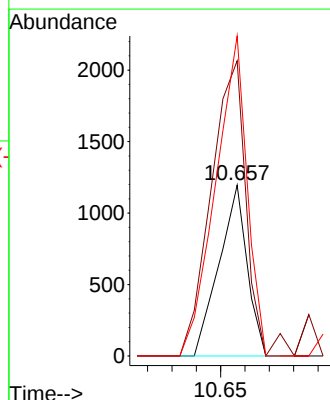
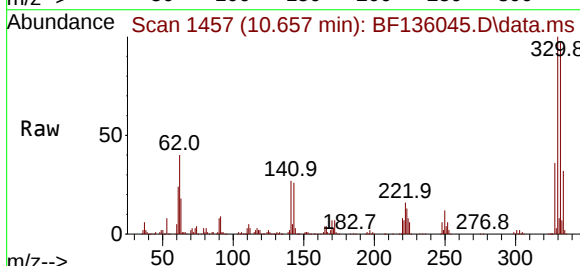
Tgt Ion:198 Resp: 957

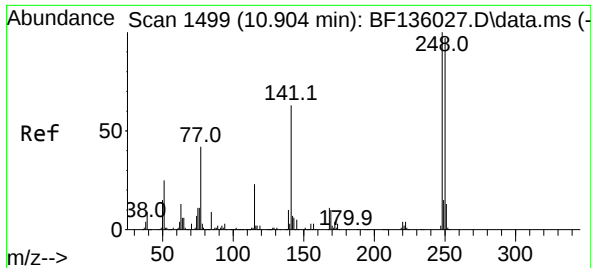
Ion Ratio Lower Upper

198 100

51 172.7 12.9 52.9#

105 187.2 16.0 56.0#

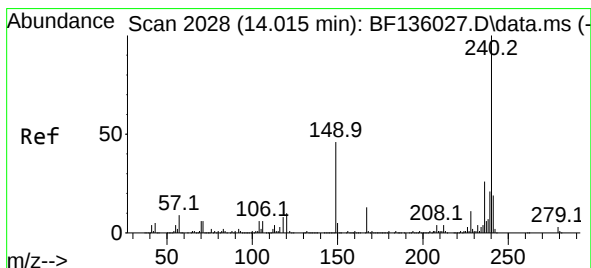
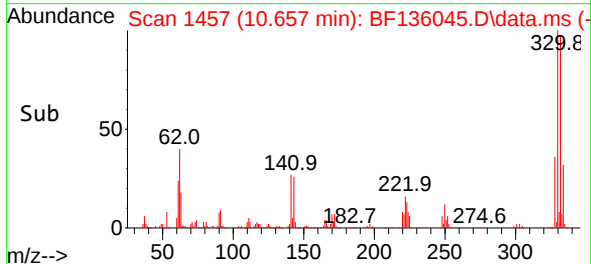
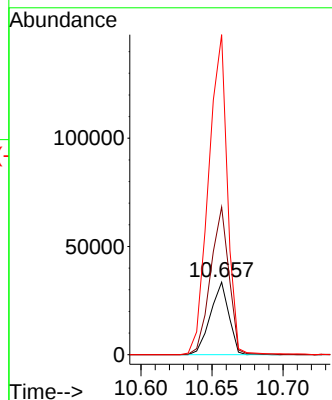
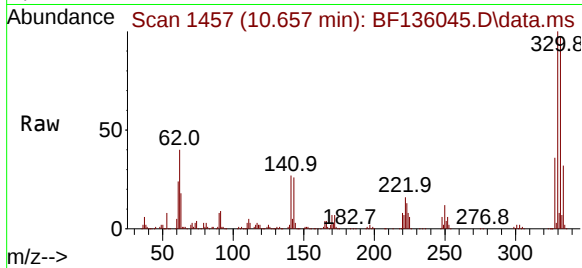




#67
4-Bromophenyl-phenylether
Concen: 4.528 ng
RT: 10.657 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

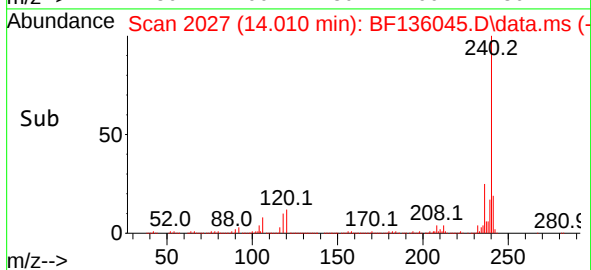
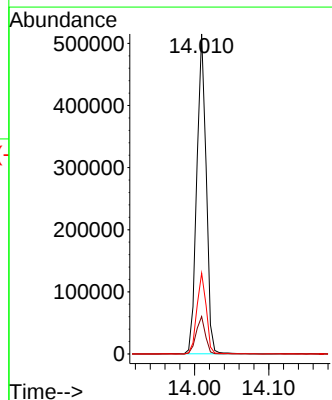
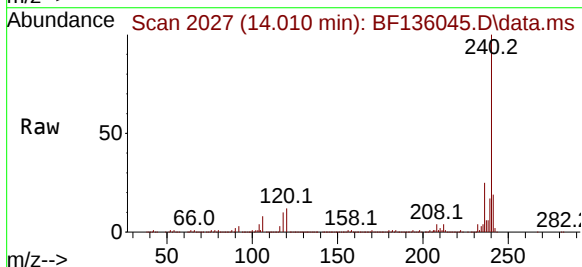
Instrument :
BNA_F
ClientSampleId :
PB156648BL

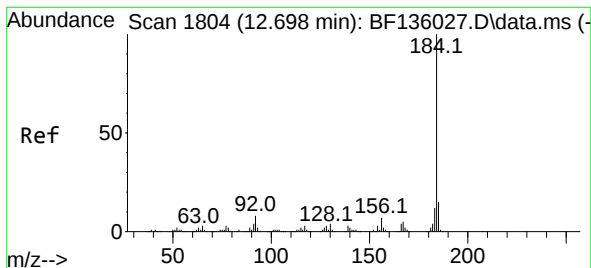
Tgt Ion:248 Resp: 30416
Ion Ratio Lower Upper
248 100
250 203.9 77.6 116.4#
141 441.9 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Tgt Ion:240 Resp: 451344
Ion Ratio Lower Upper
240 100
120 11.7 7.6 11.4#
236 25.3 20.6 31.0





#77

Benzidine

Concen: 2.998 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.265 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB156648BL

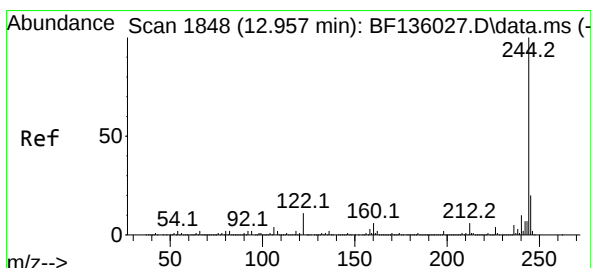
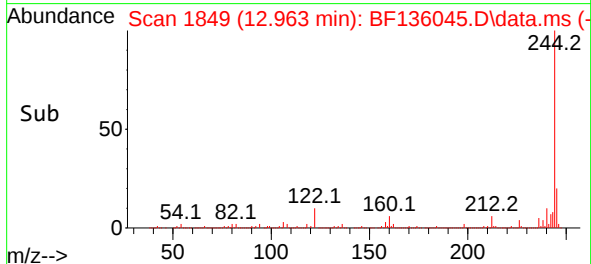
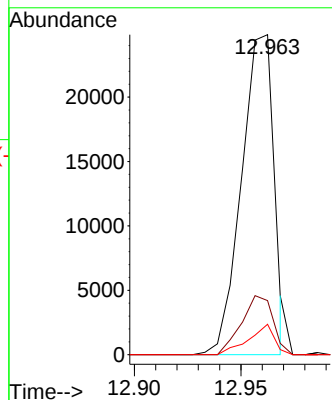
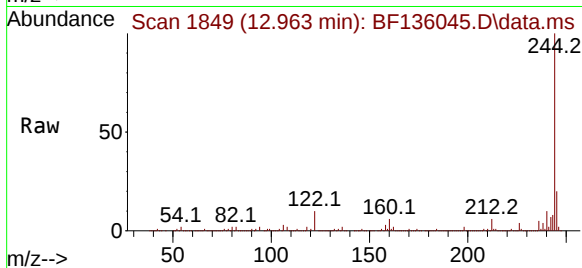
Tgt Ion:184 Resp: 26371

Ion Ratio Lower Upper

184 100

185 16.9 11.8 17.8

183 9.5 9.5 14.3#



#79

Terphenyl-d14

Concen: 79.726 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.006 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

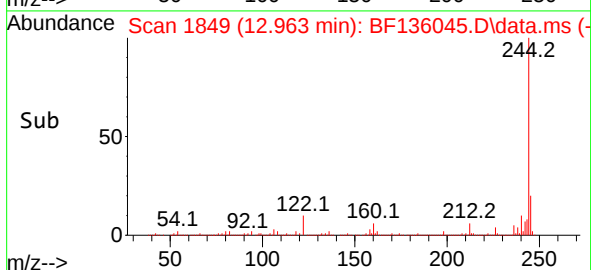
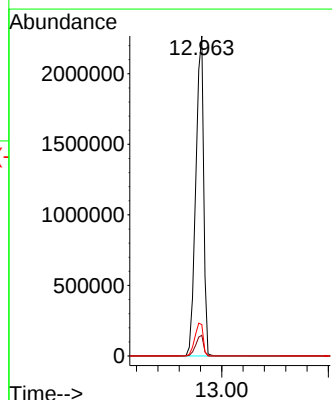
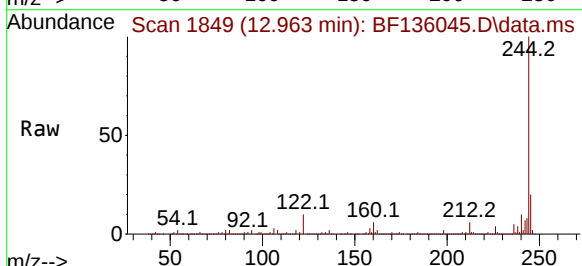
Tgt Ion:244 Resp: 2315520

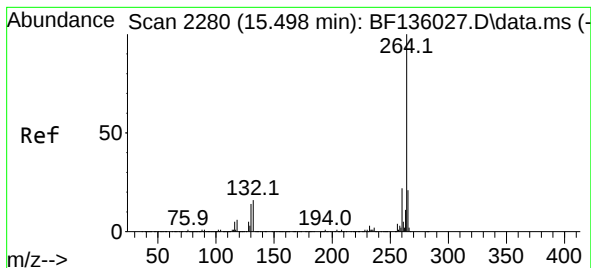
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 9.8 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB156648BL

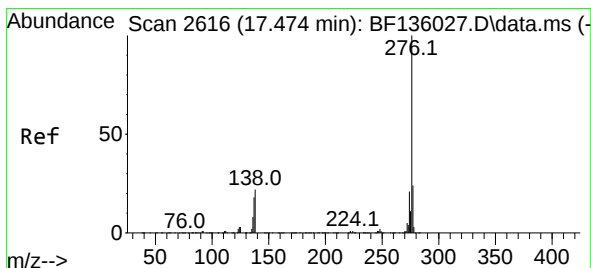
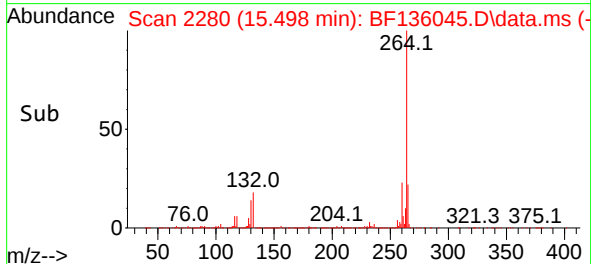
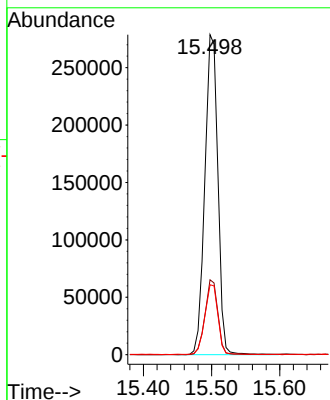
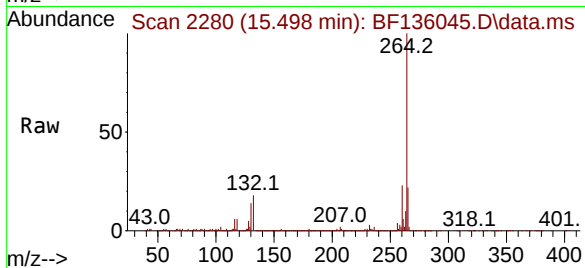
Tgt Ion:264 Resp: 370654

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 21.8 16.8 25.2



#92

Benzo(g,h,i)perylene

Concen: 2.906 ng

RT: 17.468 min Scan# 2615

Delta R.T. -0.006 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

Tgt Ion:276 Resp: 260

Ion Ratio Lower Upper

276 100

277 83.9 19.0 28.4#

138 101.9 17.4 26.2#

