

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136092.D
 Acq On : 02 Nov 2023 13:23
 Operator : CG\JU
 Sample : PB156666BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156666BL

Quant Time: Nov 02 13:57:02 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)

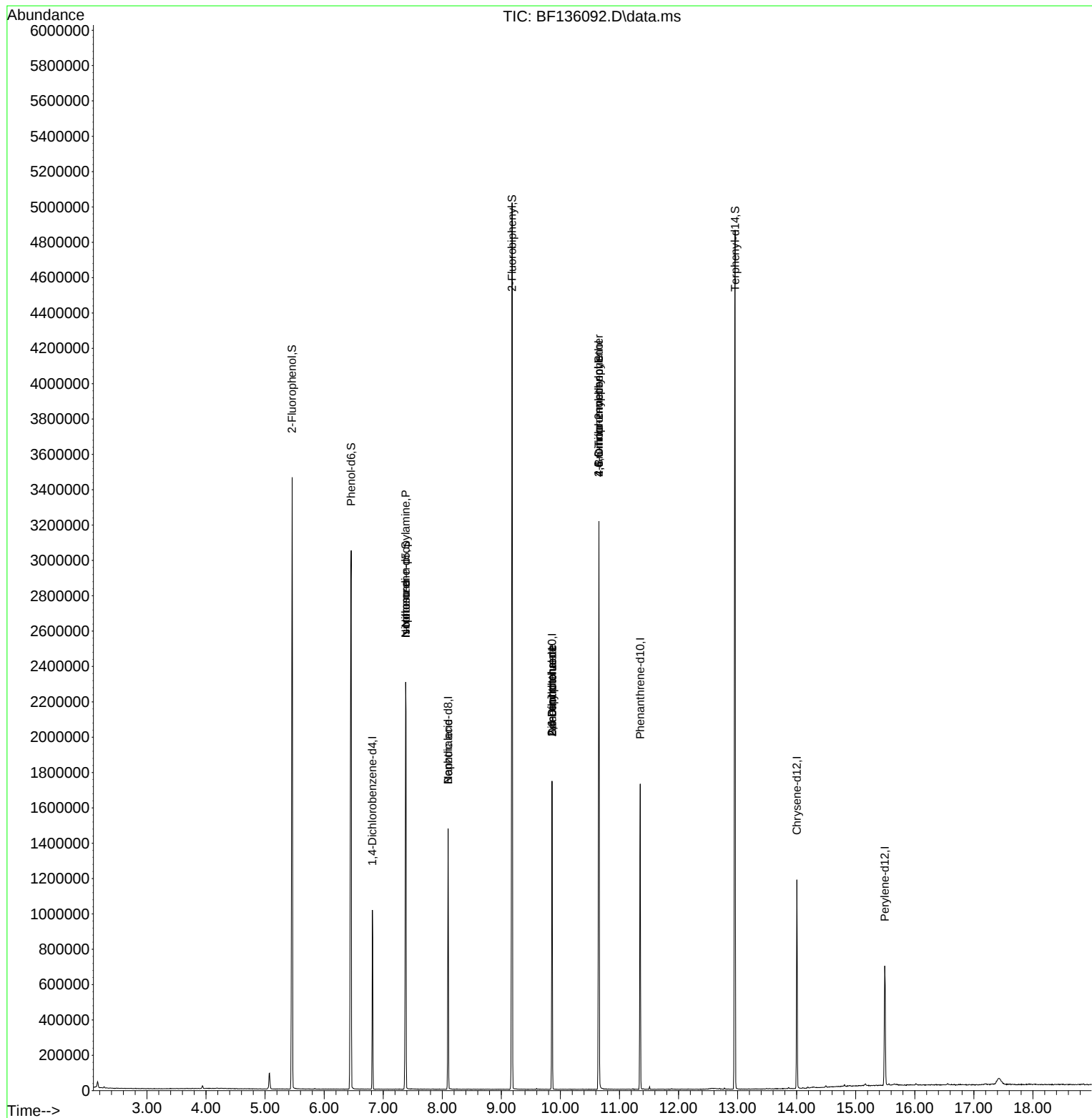
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	144546	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	585102	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	310645	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	600205	20.000	ng	0.00
76) Chrysene-d12	14.004	240	375809	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	305051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1072737	116.621	ng	0.00
7) Phenol-d6	6.457	99	1331942	116.217	ng	0.00
23) Nitrobenzene-d5	7.381	82	821906	84.680	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	417047	125.777	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1552158	79.650	ng	0.00
79) Terphenyl-d14	12.957	244	1908437	78.917	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	106906	16.325	ng	# 78
25) Isophorone	7.381	82	819501	44.723	ng	# 64
32) Benzoic acid	8.098	122	79	5.125	ng	# 1
50) Dimethylphthalate	9.857	163	61176	2.986	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	41113	9.381	ng	# 29
57) 2,4-Dinitrotoluene	9.857	165	41113	7.415	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	830	6.012	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	25303	4.021	ng	# 1

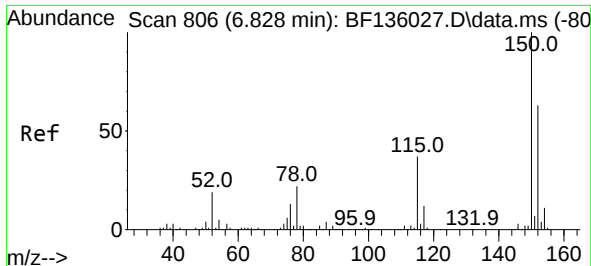
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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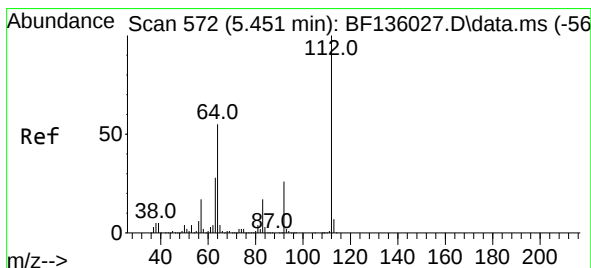
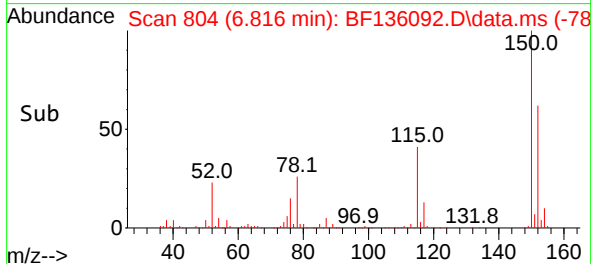
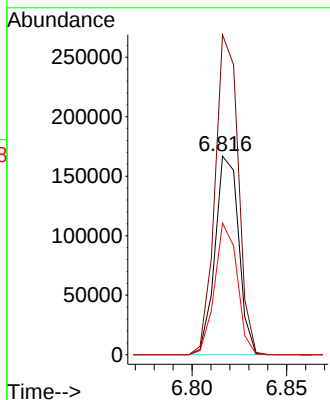
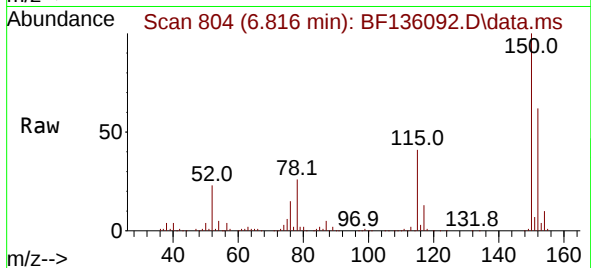




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 806
 Delta R.T. -0.012 min
 Lab File: BF136092.D
 Acq: 02 Nov 2023 13:23

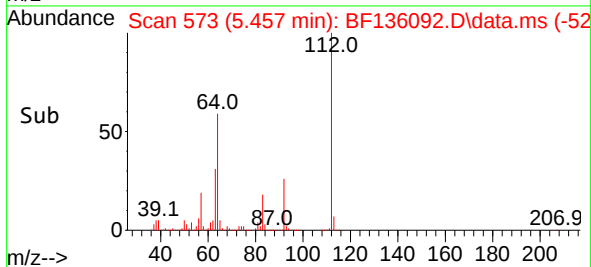
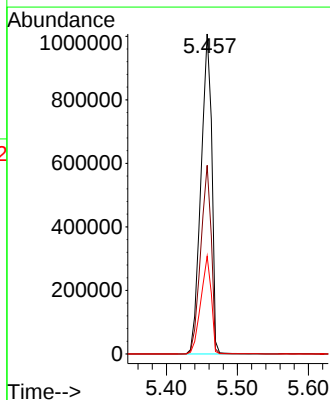
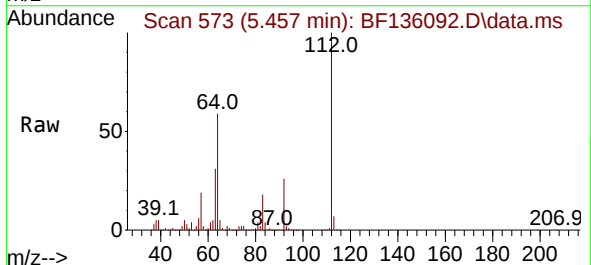
Instrument :
 BNA_F
 ClientSampleId :
 PB156666BL

Tgt Ion:152 Resp: 144546
 Ion Ratio Lower Upper
 152 100
 150 161.1 126.4 189.6
 115 66.2 47.0 70.4



#5
 2-Fluorophenol
 Concen: 116.621 ng
 RT: 5.457 min Scan# 573
 Delta R.T. 0.006 min
 Lab File: BF136092.D
 Acq: 02 Nov 2023 13:23

Tgt Ion:112 Resp: 1072737
 Ion Ratio Lower Upper
 112 100
 64 59.0 43.9 65.9
 63 30.6 22.4 33.6



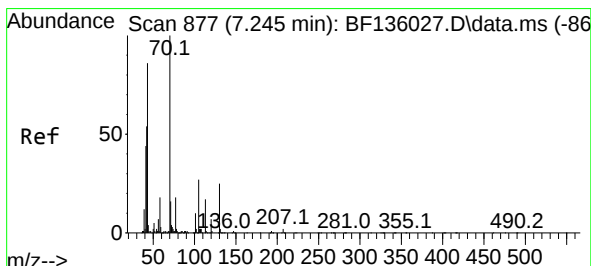
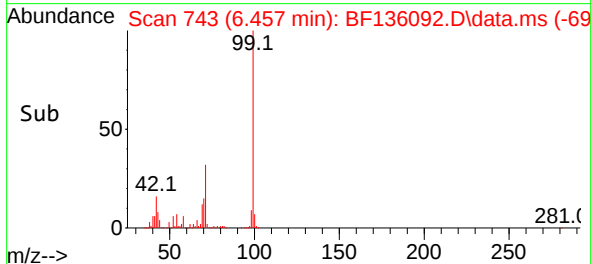
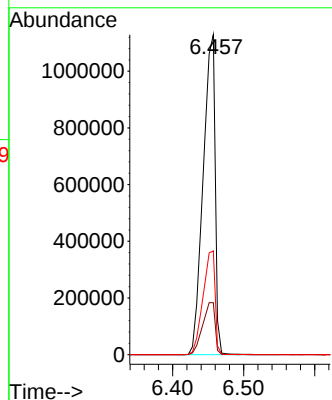
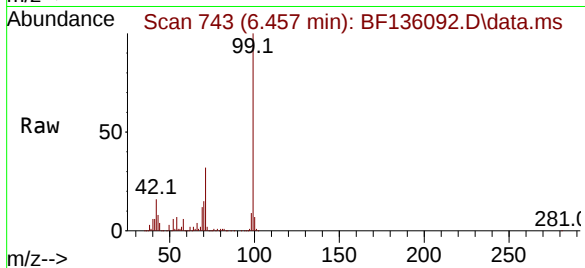


#7
Phenol-d6
Concen: 116.217 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Instrument :
BNA_F
ClientSampleId :
PB156666BL

Tgt Ion: 99 Resp: 1331942

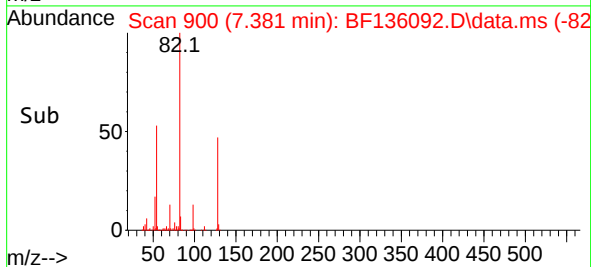
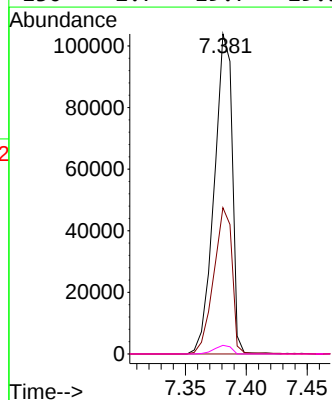
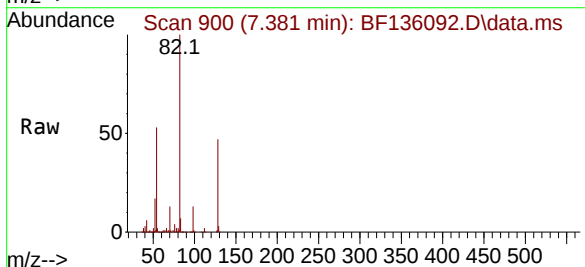
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.7	20.5
71	32.5	25.9	38.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.325 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.135 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Tgt Ion: 70 Resp: 106906

Ion	Ratio	Lower	Upper
70	100		
42	45.7	43.0	64.4
101	0.0	8.0	12.0#
130	2.7	19.7	29.5#



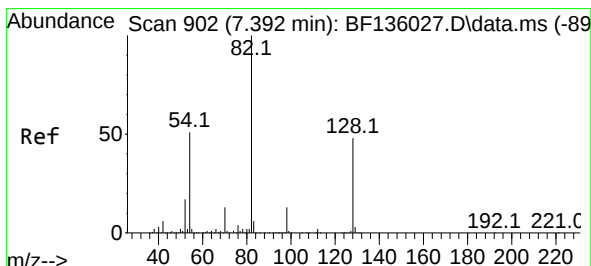
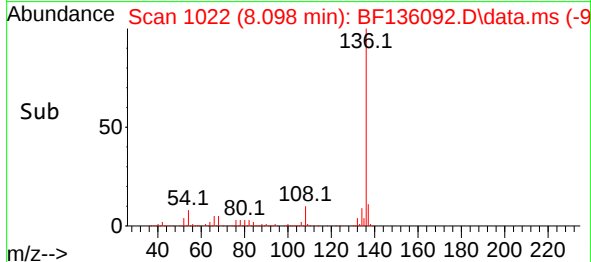
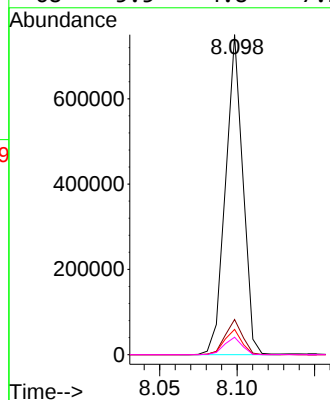
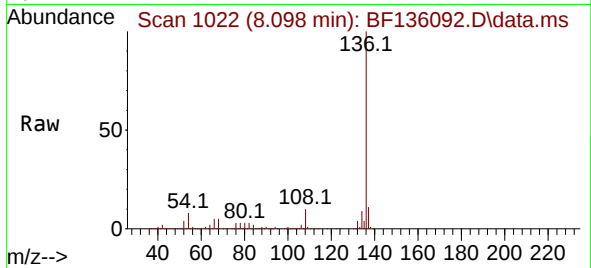


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Instrument :
BNA_F
ClientSampleId :
PB156666BL

Tgt Ion:136 Resp: 585102

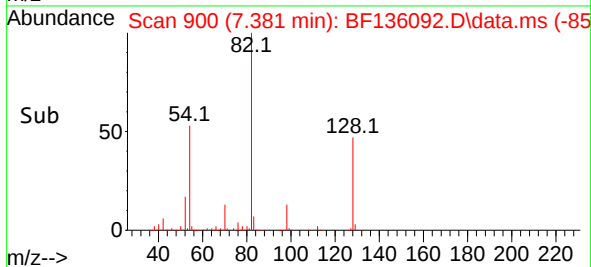
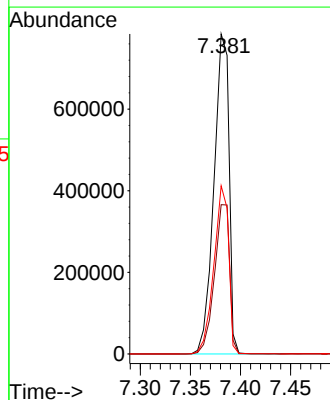
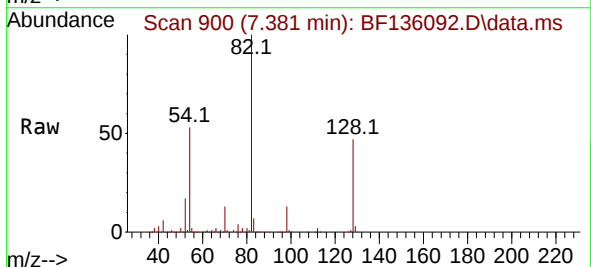
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.9	6.6	9.8
68	5.5	4.8	7.2

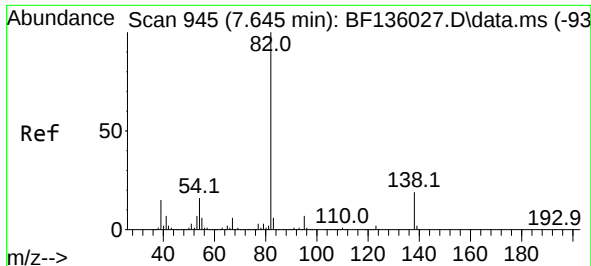


#23
Nitrobenzene-d5
Concen: 84.680 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Tgt Ion: 82 Resp: 821906

Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.6	57.8
54	52.6	40.8	61.2

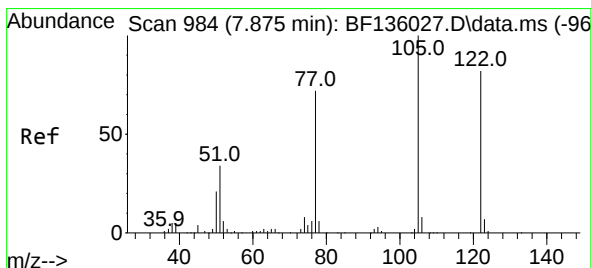
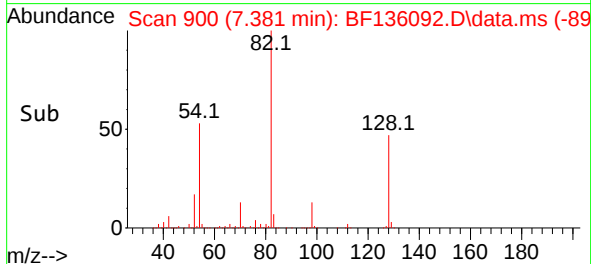
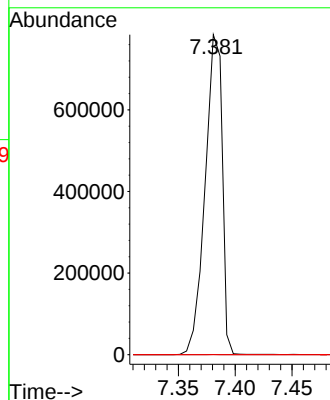
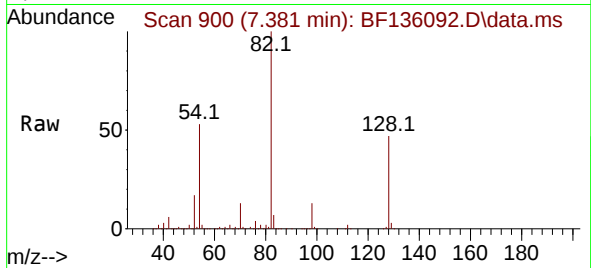




#25
Isophorone
Concen: 44.723 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

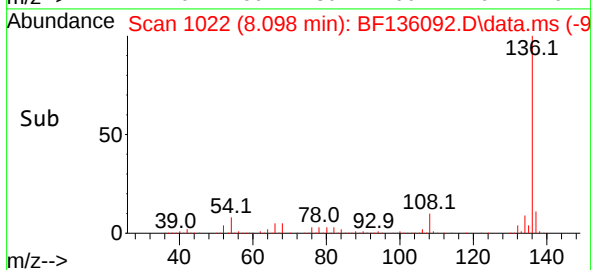
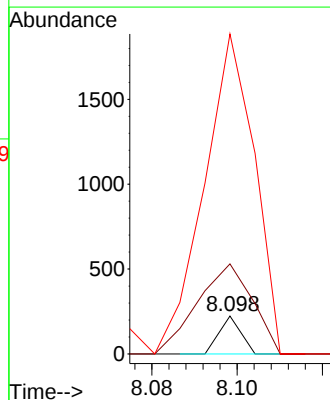
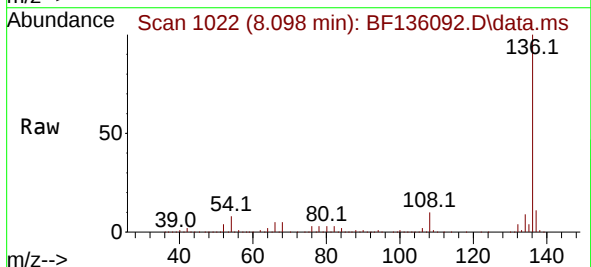
Instrument :
BNA_F
ClientSampleId :
PB156666BL

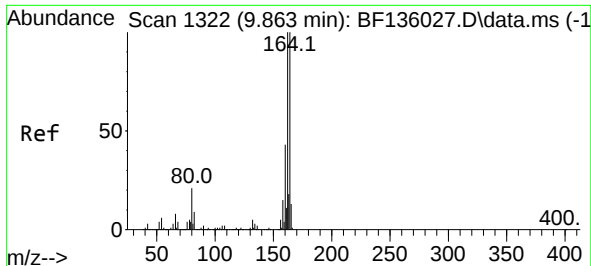
Tgt Ion: 82 Resp: 819501
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.125 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.223 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 238.1 99.5 139.5#
77 845.7 66.8 106.8#

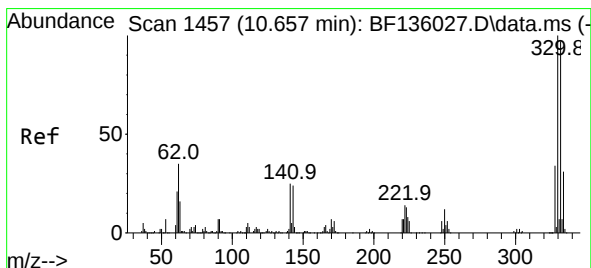
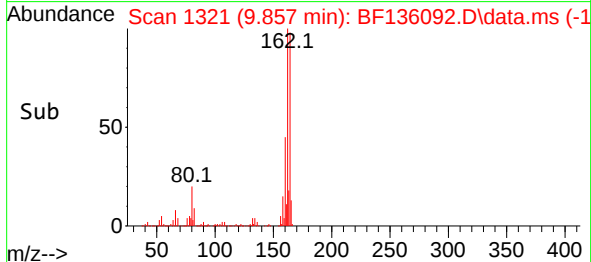
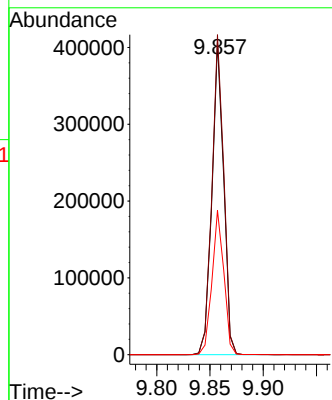
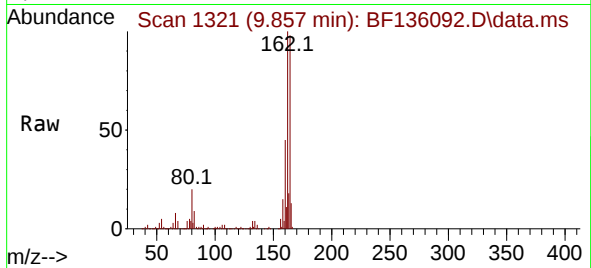




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

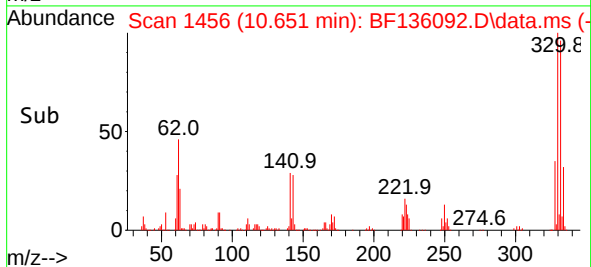
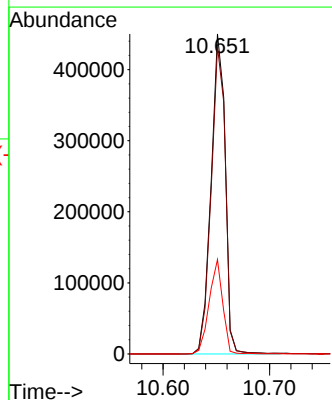
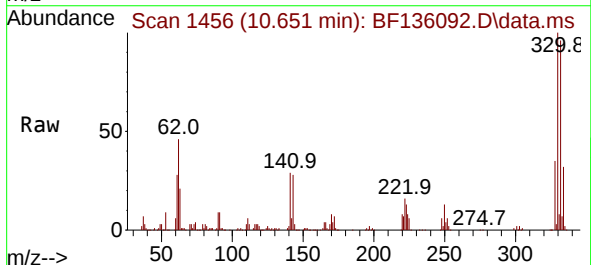
Instrument :
BNA_F
ClientSampleId :
PB156666BL

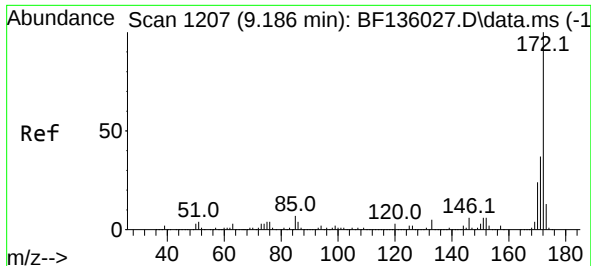
Tgt Ion:164 Resp: 310645
Ion Ratio Lower Upper
164 100
162 102.5 80.1 120.1
160 46.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 125.777 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Tgt Ion:330 Resp: 417047
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 28.2 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 79.650 ng

RT: 9.181 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136092.D

Acq: 02 Nov 2023 13:23

Instrument :

BNA_F

ClientSampleId :

PB156666BL

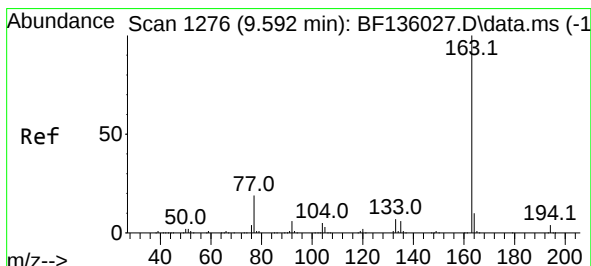
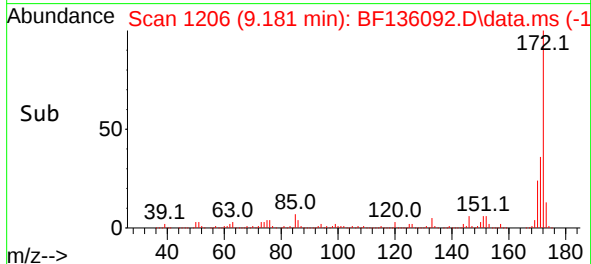
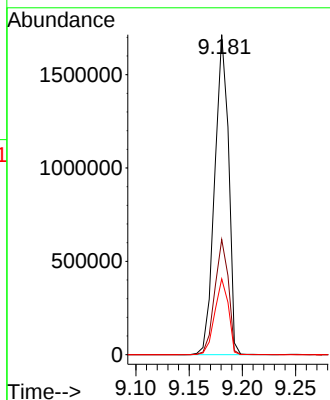
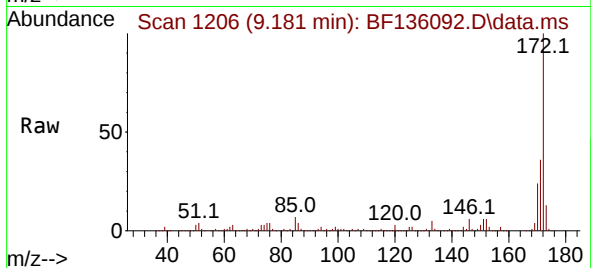
Tgt Ion:172 Resp: 1552158

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.7 19.3 28.9



#50

Dimethylphthalate

Concen: 2.986 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.265 min

Lab File: BF136092.D

Acq: 02 Nov 2023 13:23

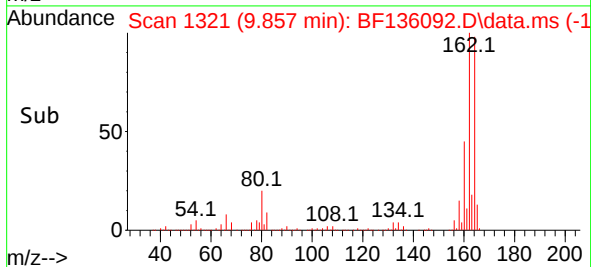
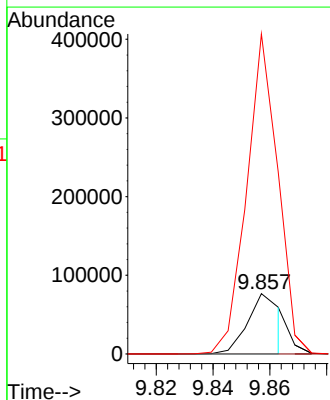
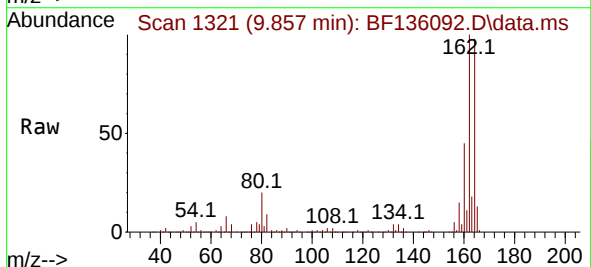
Tgt Ion:163 Resp: 61176

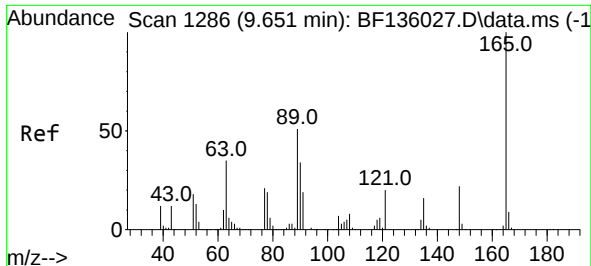
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 530.4 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 9.381 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF136092.D

Acq: 02 Nov 2023 13:23

Instrument :

BNA_F

ClientSampleId :

PB156666BL

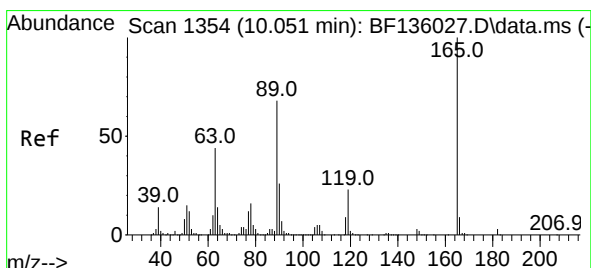
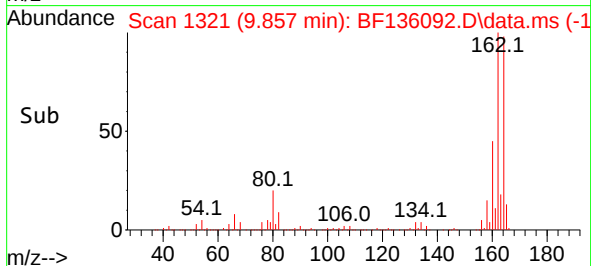
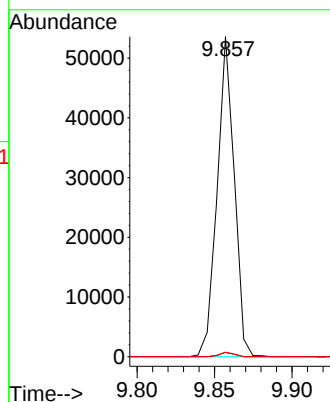
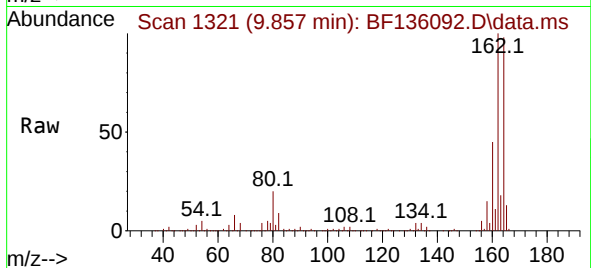
Tgt Ion:165 Resp: 41113

Ion Ratio Lower Upper

165 100

63 1.4 40.8 61.2#

89 1.4 41.1 61.7#



#57

2,4-Dinitrotoluene

Concen: 7.415 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.194 min

Lab File: BF136092.D

Acq: 02 Nov 2023 13:23

Tgt Ion:165 Resp: 41113

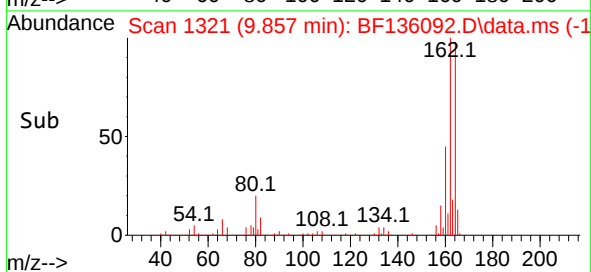
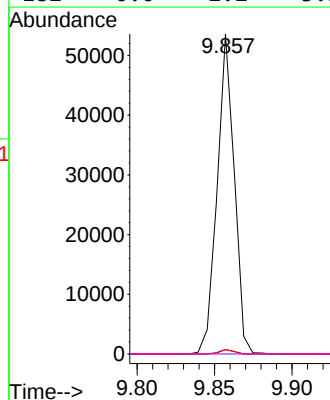
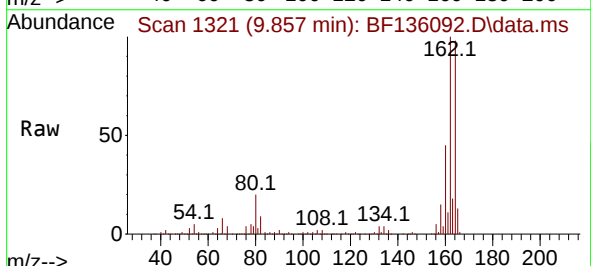
Ion Ratio Lower Upper

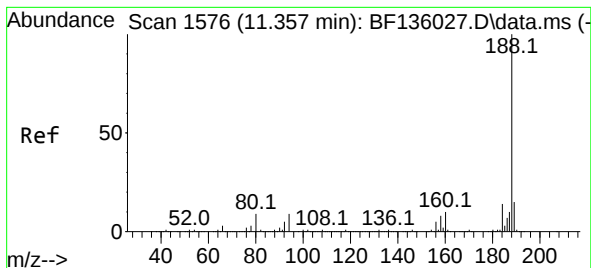
165 100

63 1.4 35.2 52.8#

89 1.4 54.8 82.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136092.D

Acq: 02 Nov 2023 13:23

Instrument :

BNA_F

ClientSampleId :

PB156666BL

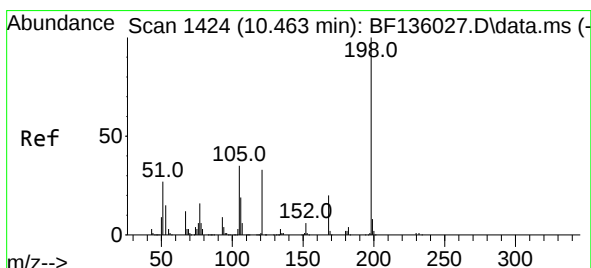
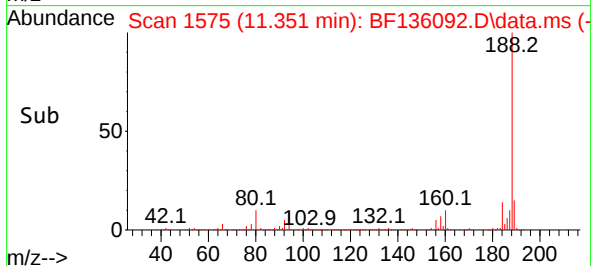
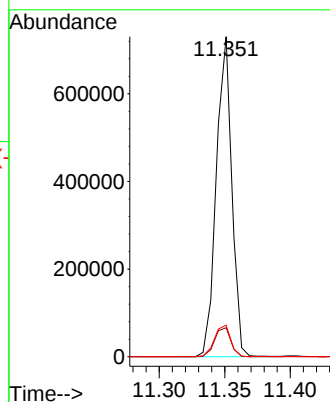
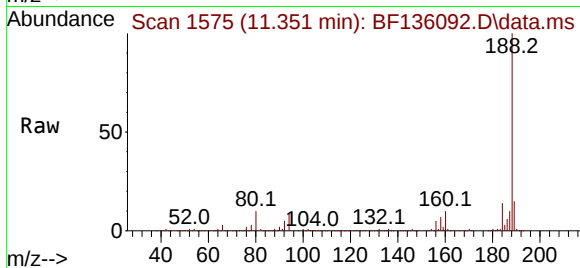
Tgt Ion:188 Resp: 600205

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.8 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.012 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.188 min

Lab File: BF136092.D

Acq: 02 Nov 2023 13:23

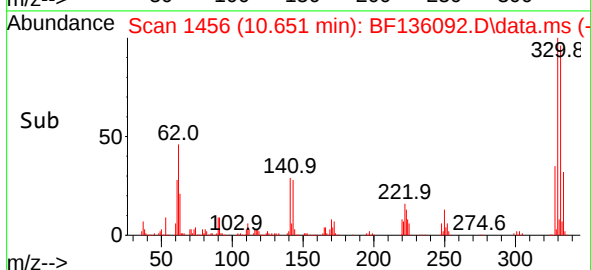
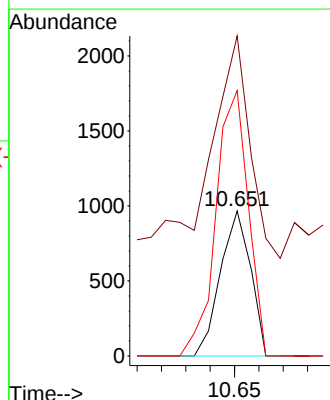
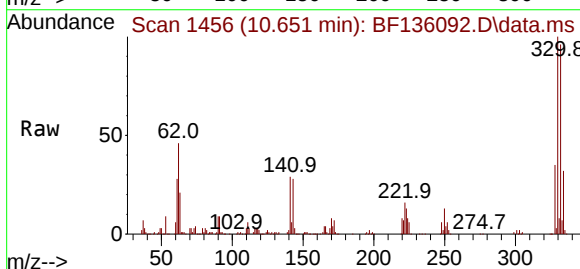
Tgt Ion:198 Resp: 830

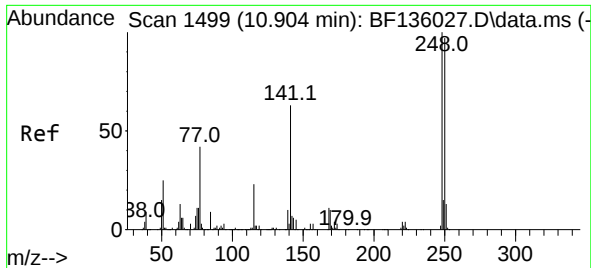
Ion Ratio Lower Upper

198 100

51 220.8 12.9 52.9#

105 183.1 16.0 56.0#

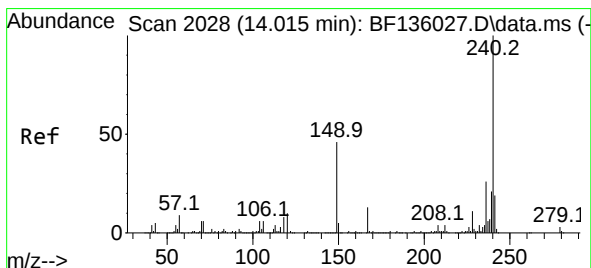
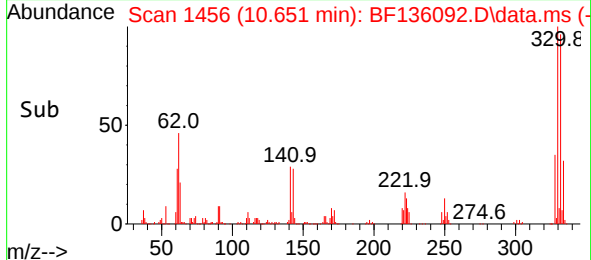
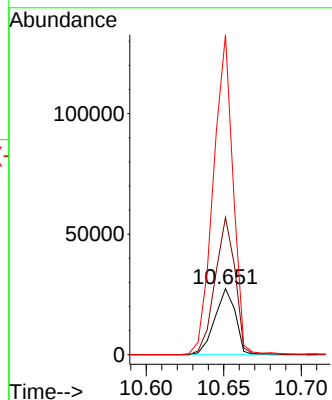
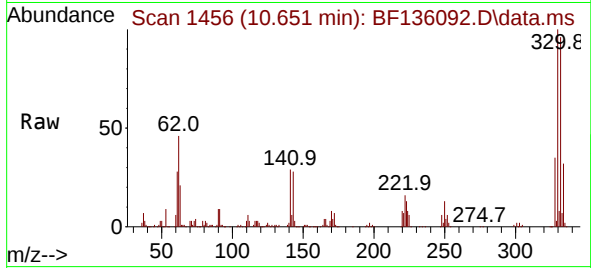




#67
4-Bromophenyl-phenylether
Concen: 4.021 ng
RT: 10.651 min Scan# 1499
Delta R.T. -0.253 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

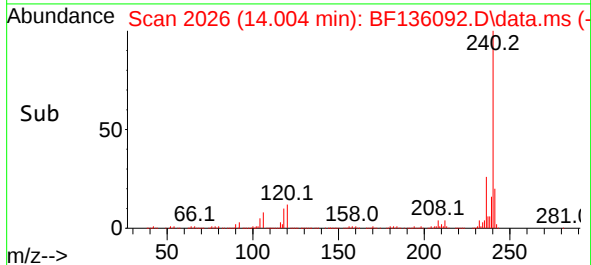
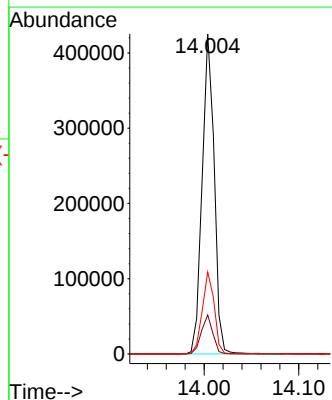
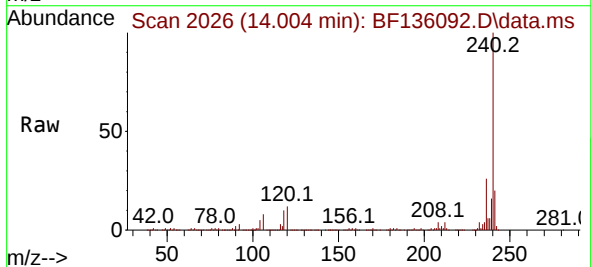
Instrument :
BNA_F
ClientSampleId :
PB156666BL

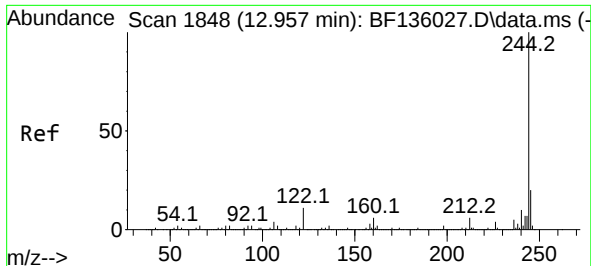
Tgt Ion:248 Resp: 25303
Ion Ratio Lower Upper
248 100
250 207.6 77.6 116.4#
141 483.9 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Tgt Ion:240 Resp: 375809
Ion Ratio Lower Upper
240 100
120 12.2 7.6 11.4#
236 25.6 20.6 31.0

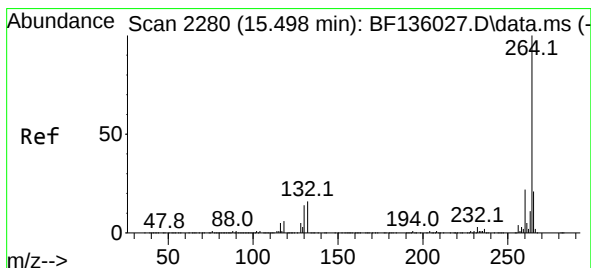
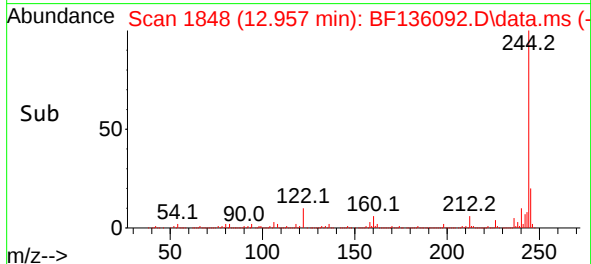
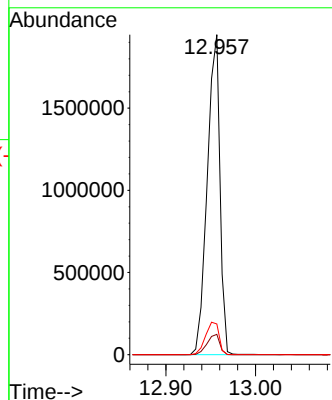
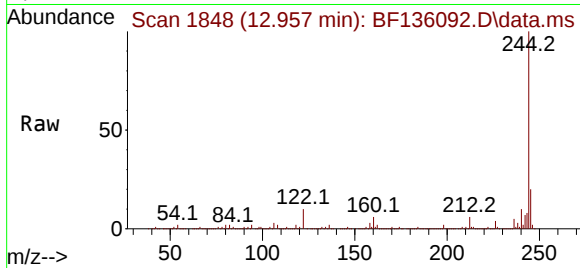




#79
 Terphenyl-d14
 Concen: 78.917 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136092.D
 Acq: 02 Nov 2023 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB156666BL

Tgt Ion:244 Resp: 1908437
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 9.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136092.D
 Acq: 02 Nov 2023 13:23

Tgt Ion:264 Resp: 305051
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.9 26.9
 265 21.1 16.8 25.2

