

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137876.D
 Acq On : 10 May 2024 12:33
 Operator : CG\JU
 Sample : PB160825BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160825BL

Quant Time: May 11 00:31:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

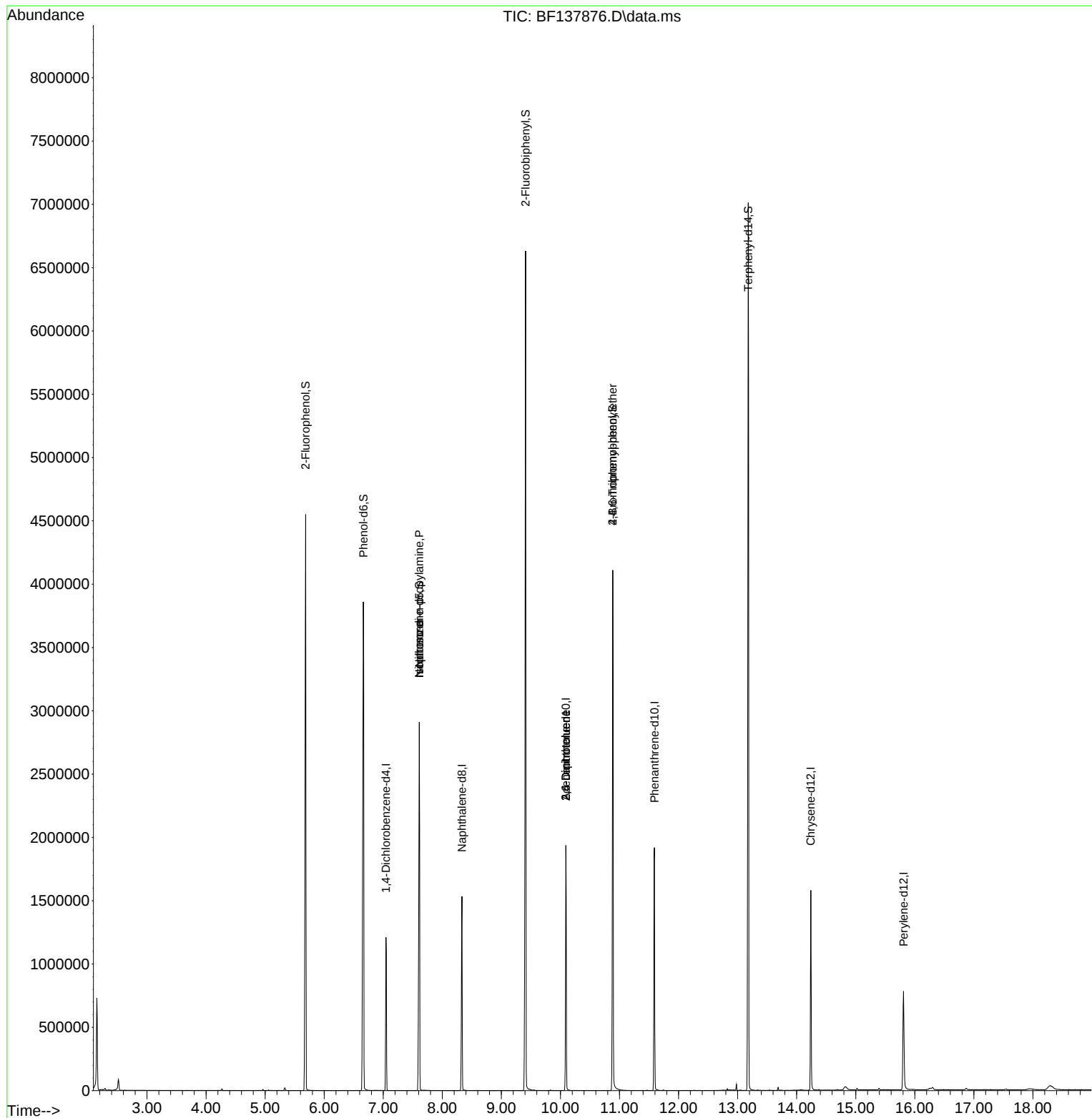
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	188995	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	727034	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	417386	20.000	ng	-0.02
64) Phenanthrene-d10	11.592	188	749526	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	519600	20.000	ng	-0.01
86) Perylene-d12	15.810	264	401935	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1412718	125.151	ng	0.01
7) Phenol-d6	6.663	99	1807841	126.265	ng	-0.01
23) Nitrobenzene-d5	7.610	82	1104996	88.302	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	576119	135.188	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	2254563	87.634	ng	-0.01
79) Terphenyl-d14	13.180	244	2800061	90.310	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	147135	17.196	ng	# 76
25) Isophorone	7.610	82	1104987	48.974	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	55080	9.147	ng	# 26
57) 2,4-Dinitrotoluene	10.092	165	55235	7.021	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	36763	4.583	ng	# 1

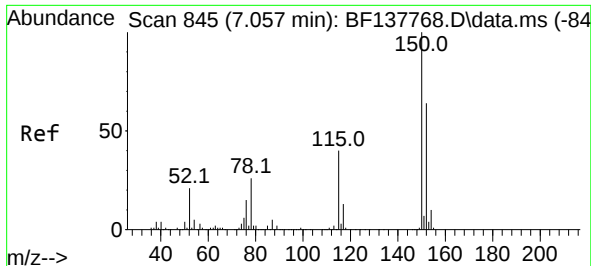
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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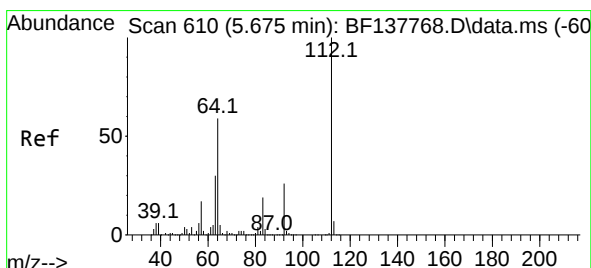
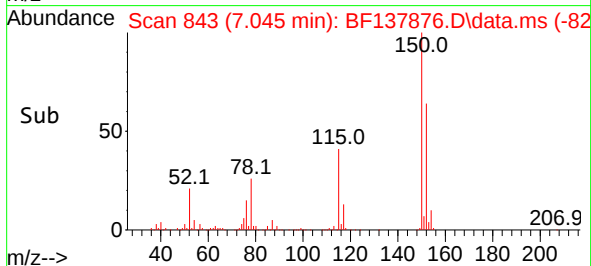
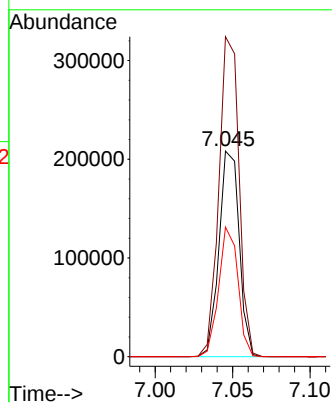
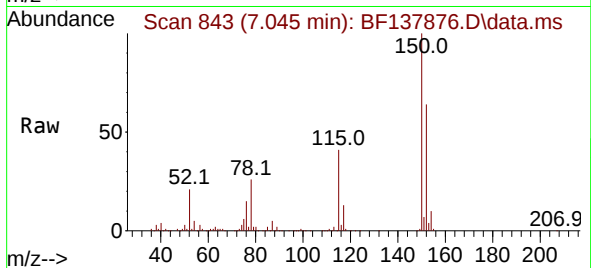




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

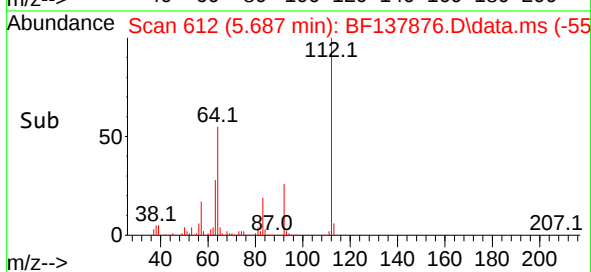
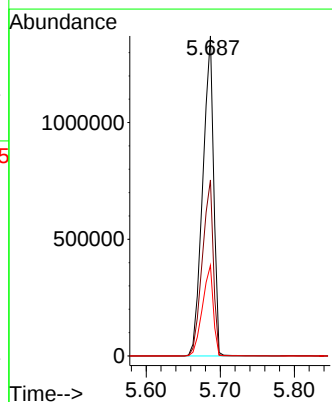
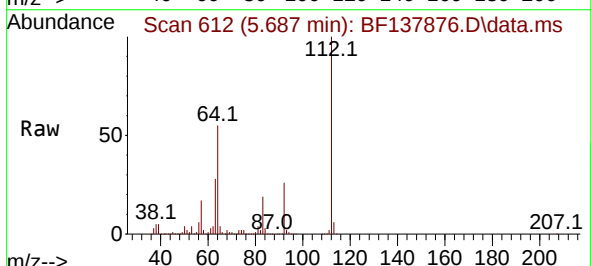
Instrument :
BNA_F
ClientSampleId :
PB160825BL

Tgt Ion:152 Resp: 188995
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 63.1 49.1 73.7



#5
2-Fluorophenol
Concen: 125.151 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

Tgt Ion:112 Resp: 1412718
Ion Ratio Lower Upper
112 100
64 55.0 47.3 70.9
63 28.3 23.7 35.5

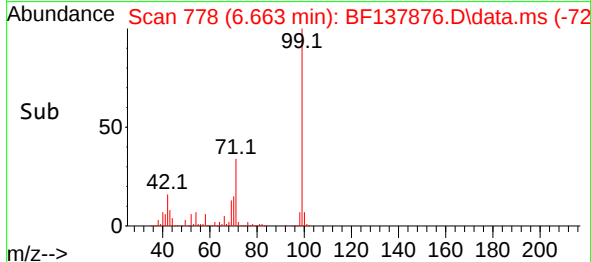
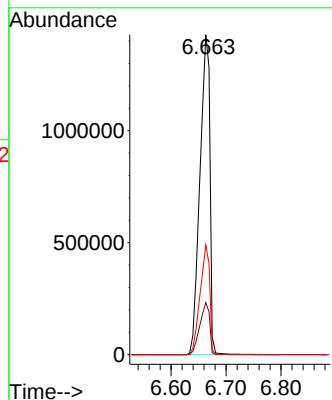
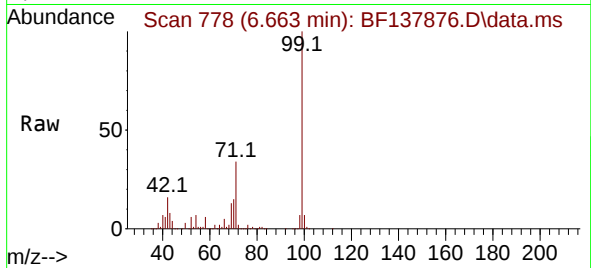




#7
Phenol-d6
Concen: 126.265 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

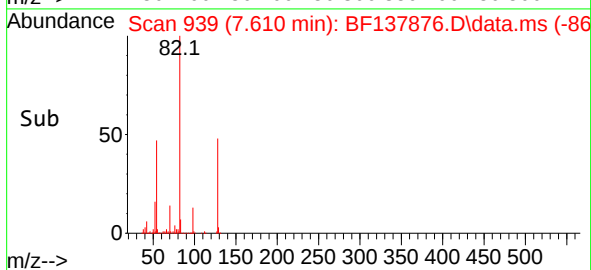
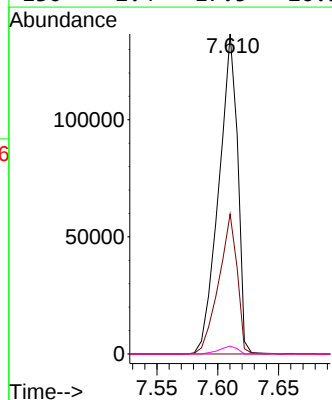
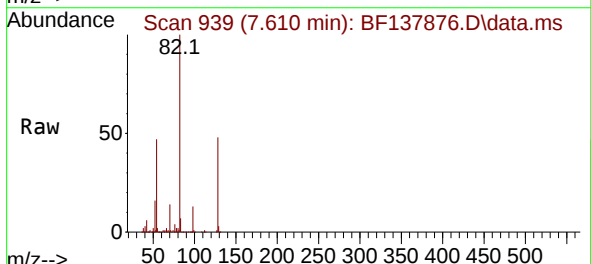
Instrument :
BNA_F
ClientSampleId :
PB160825BL

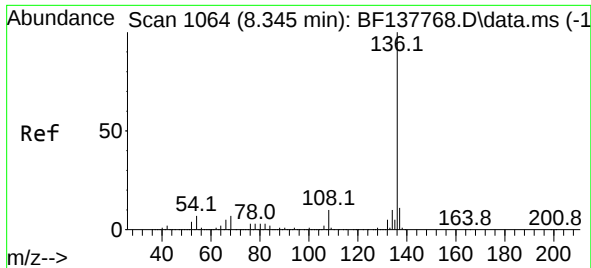
Tgt Ion: 99 Resp: 1807841
Ion Ratio Lower Upper
99 100
42 16.3 13.2 19.8
71 34.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.196 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

Tgt Ion: 70 Resp: 147135
Ion Ratio Lower Upper
70 100
42 43.8 44.6 66.8#
101 0.0 7.8 11.6#
130 2.4 17.5 26.3#



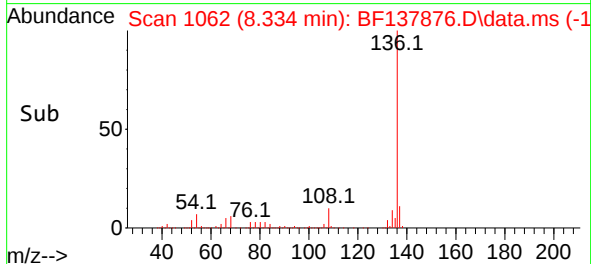
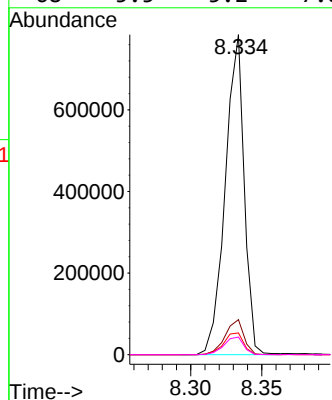
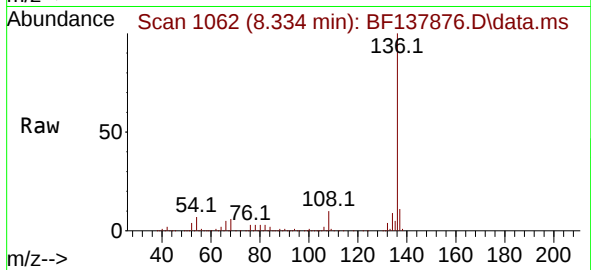


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

Instrument :
BNA_F
ClientSampleId :
PB160825BL

Tgt Ion:136 Resp: 727034

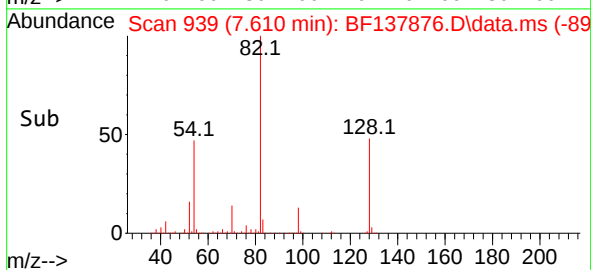
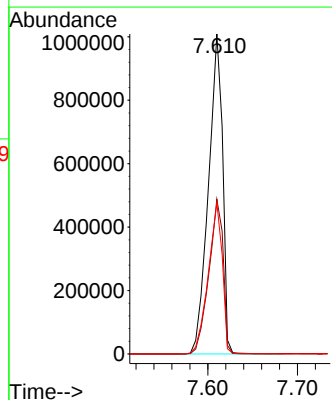
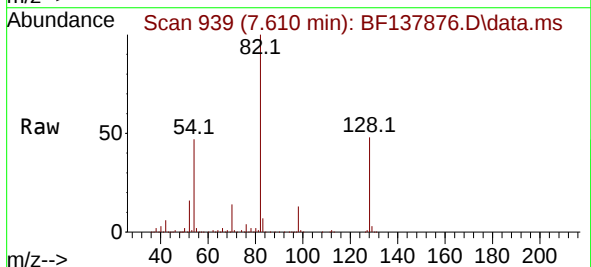
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.8	8.8
68	5.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 88.302 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

Tgt Ion: 82 Resp: 1104996

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.5	56.3
54	47.2	39.8	59.6

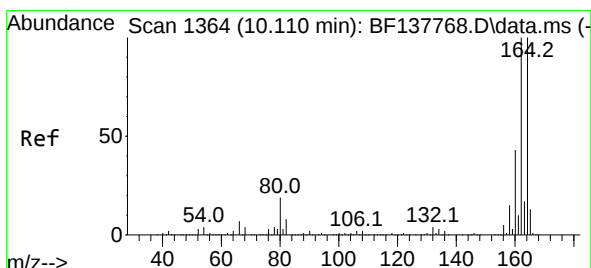
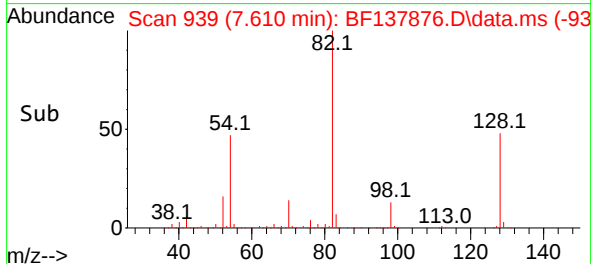
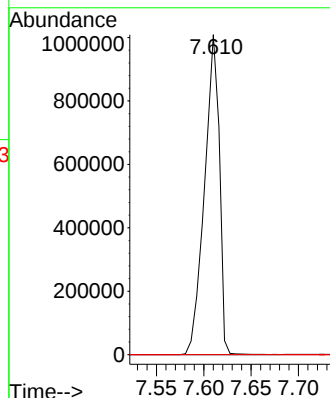
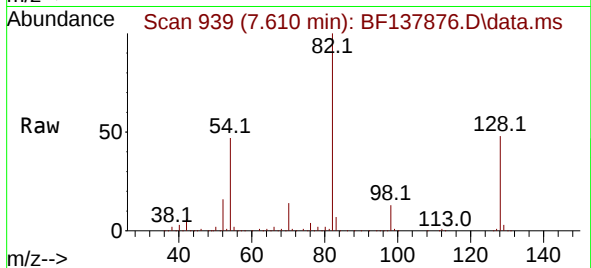




#25
Isophorone
Concen: 48.974 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

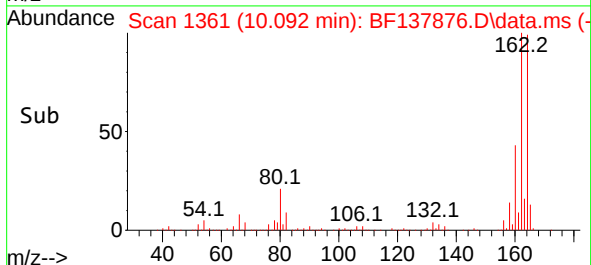
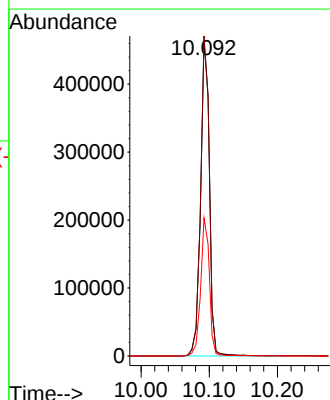
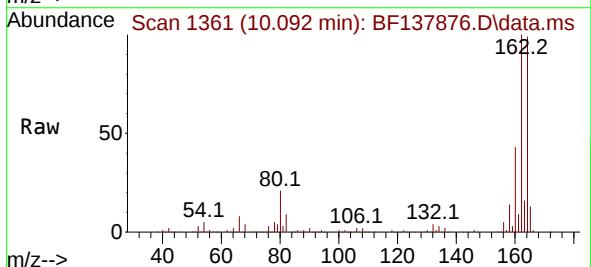
Instrument :
BNA_F
ClientSampleId :
PB160825BL

Tgt Ion: 82 Resp: 1104987
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

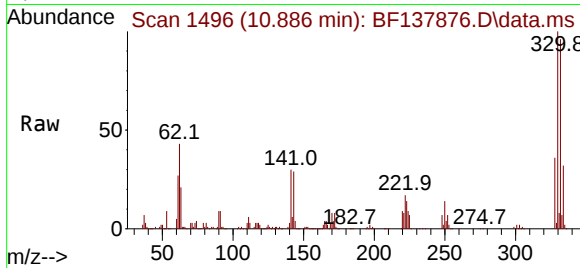
Tgt Ion:164 Resp: 417386
Ion Ratio Lower Upper
164 100
162 101.3 79.8 119.6
160 43.6 34.4 51.6



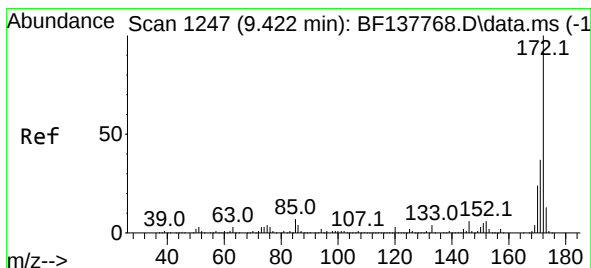
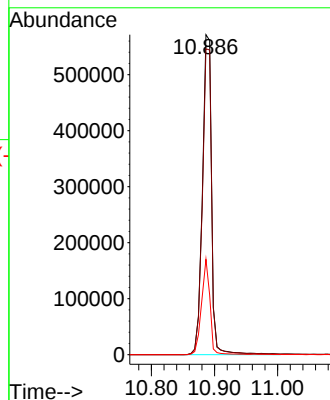
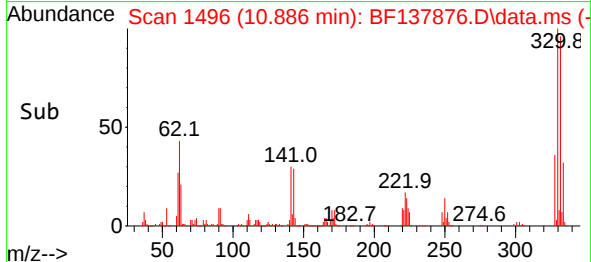


#42
2,4,6-Tribromophenol
Concen: 135.188 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

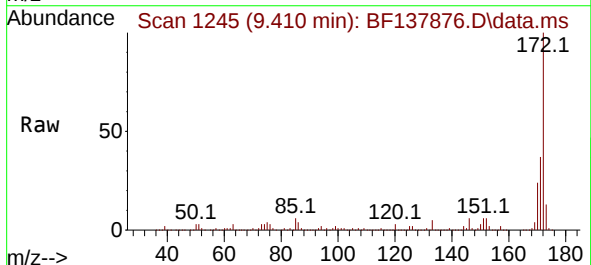
Instrument :
BNA_F
ClientSampleId :
PB160825BL



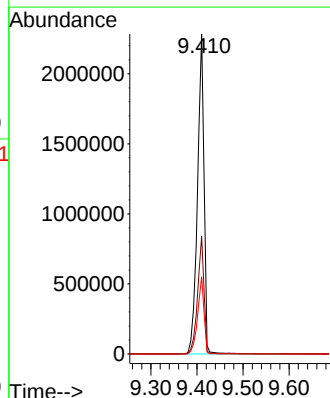
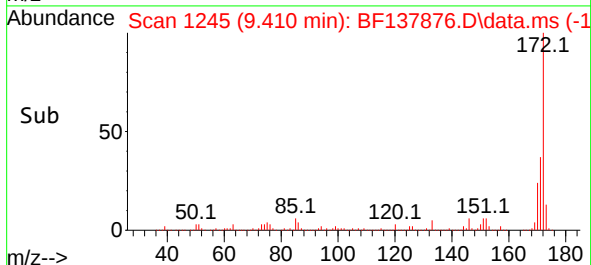
Tgt Ion:330 Resp: 576119
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 27.7 23.8 35.6

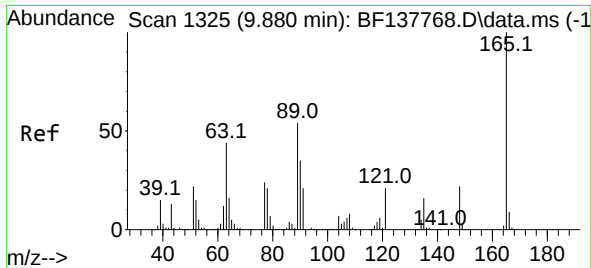


#45
2-Fluorobiphenyl
Concen: 87.634 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33



Tgt Ion:172 Resp: 2254563
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.1 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 9.147 ng

RT: 10.092 min Scan# 1361

Delta R.T. 0.212 min

Lab File: BF137876.D

Acq: 10 May 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB160825BL

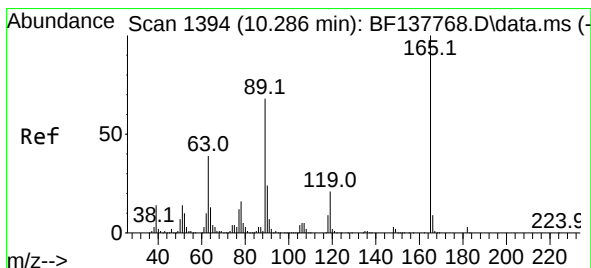
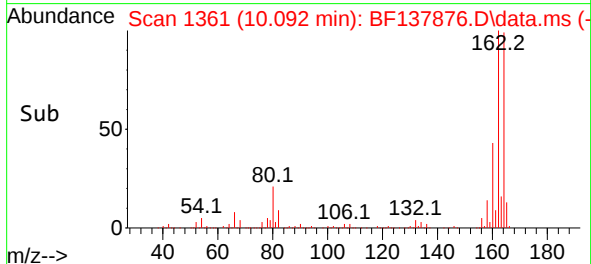
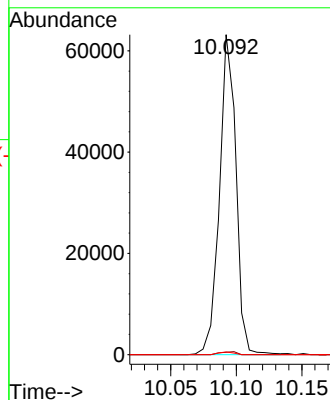
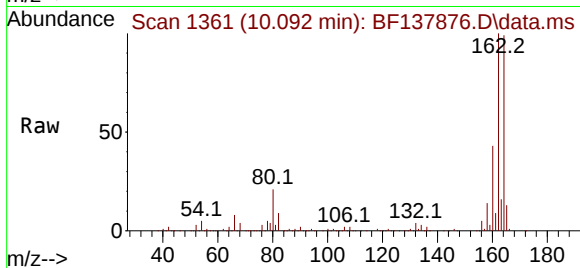
Tgt Ion:165 Resp: 55080

Ion Ratio Lower Upper

165 100

63 0.7 41.9 62.9#

89 0.8 43.2 64.8#



#57

2,4-Dinitrotoluene

Concen: 7.021 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.194 min

Lab File: BF137876.D

Acq: 10 May 2024 12:33

Tgt Ion:165 Resp: 55235

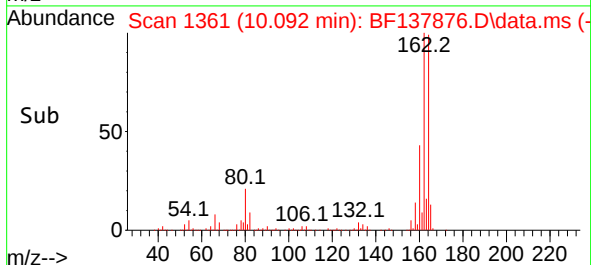
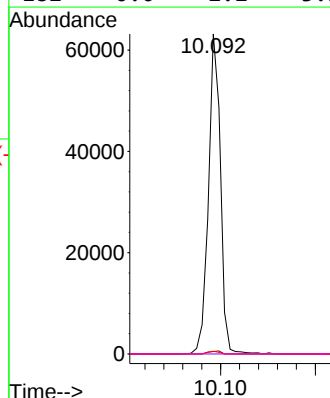
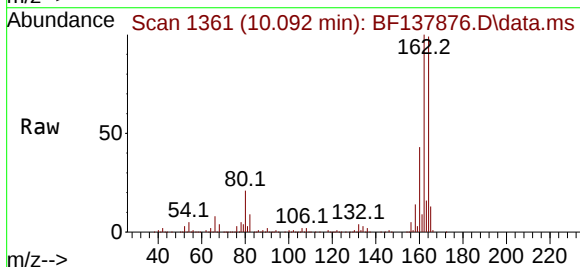
Ion Ratio Lower Upper

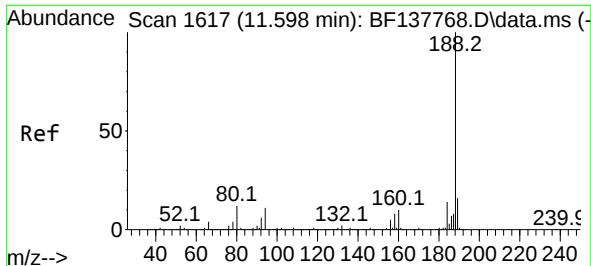
165 100

63 0.7 31.3 46.9#

89 0.8 54.2 81.4#

182 0.0 2.2 3.2#

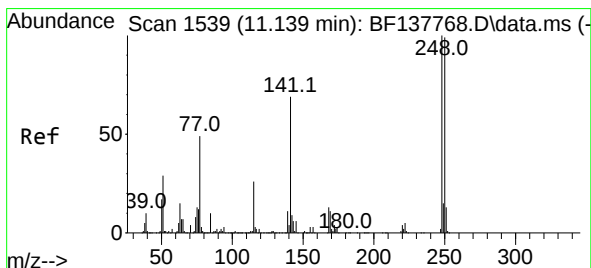
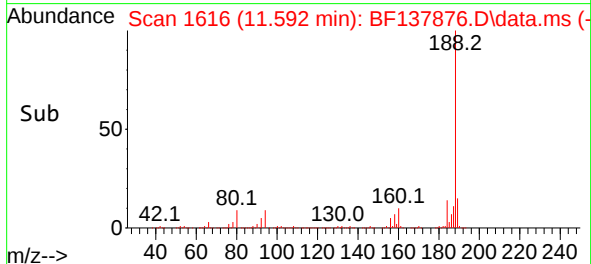
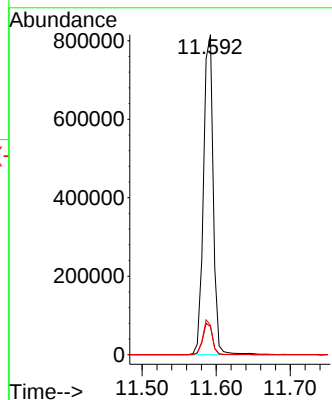
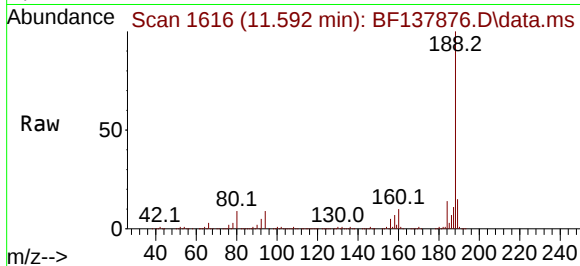




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

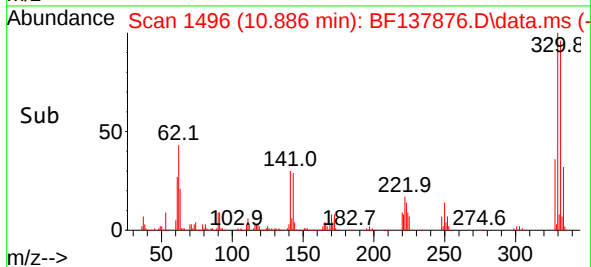
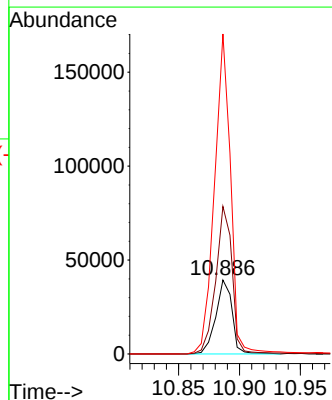
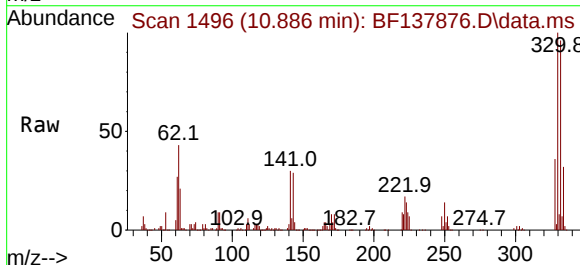
Instrument :
BNA_F
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PB160825BL

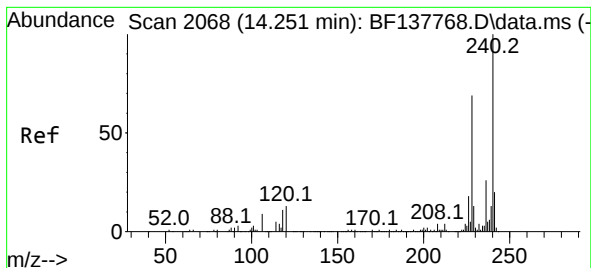
Tgt Ion:188 Resp: 749526
Ion Ratio Lower Upper
188 100
94 8.8 8.8 13.2#
80 9.2 9.6 14.4#



#67
4-Bromophenyl-phenylether
Concen: 4.583 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137876.D
Acq: 10 May 2024 12:33

Tgt Ion:248 Resp: 36763
Ion Ratio Lower Upper
248 100
250 199.4 79.1 118.7#
141 432.5 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137876.D

Acq: 10 May 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB160825BL

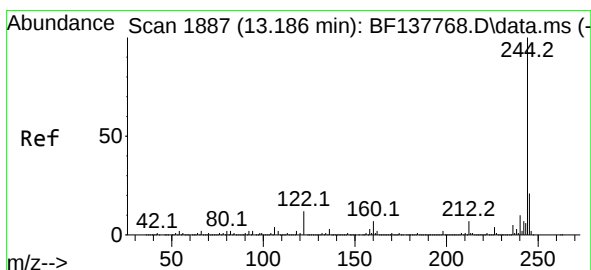
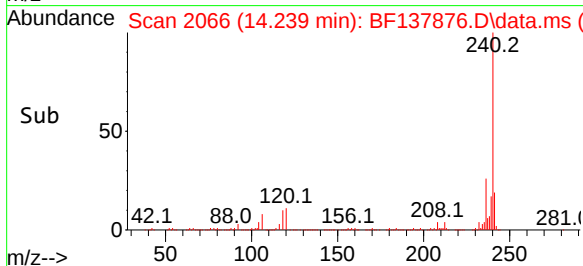
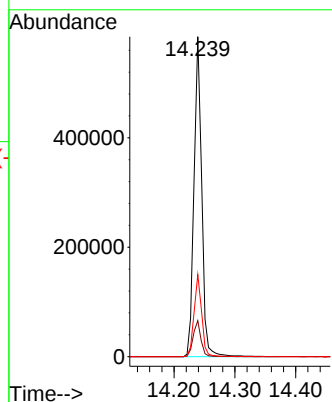
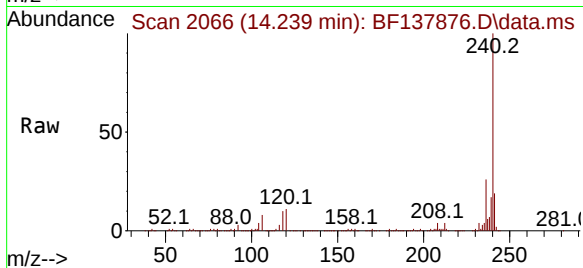
Tgt Ion:240 Resp: 519600

Ion Ratio Lower Upper

240 100

120 11.3 10.4 15.6

236 25.6 20.4 30.6



#79

Terphenyl-d14

Concen: 90.310 ng

RT: 13.180 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BF137876.D

Acq: 10 May 2024 12:33

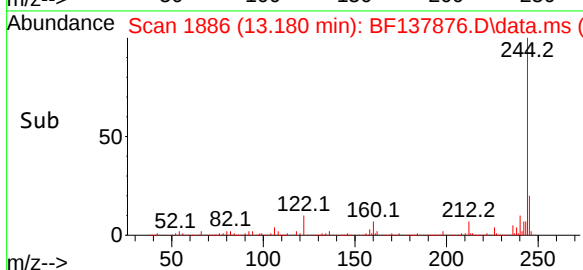
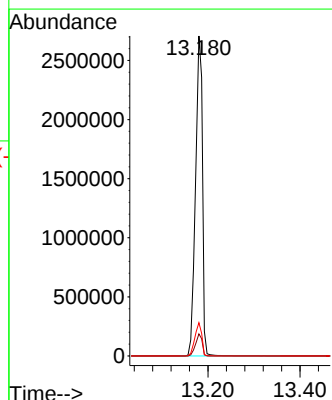
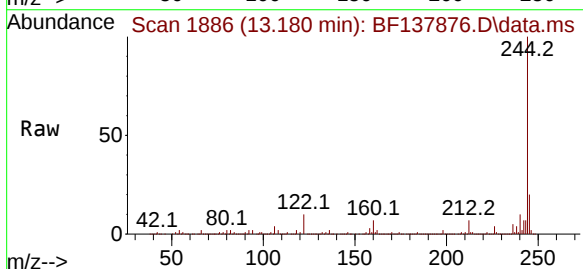
Tgt Ion:244 Resp: 2800061

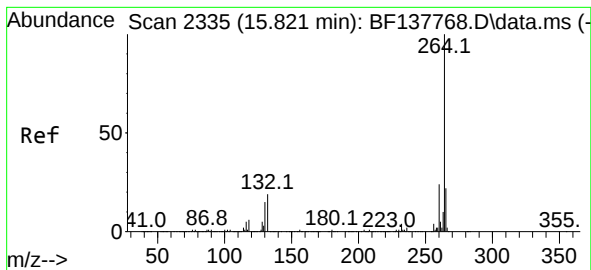
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 10.4 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137876.D

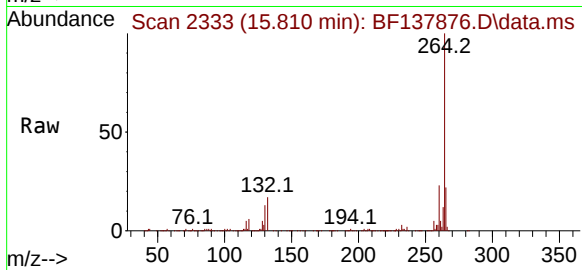
Acq: 10 May 2024 12:33

Instrument :

BNA_F

ClientSampleId :

PB160825BL



Tgt Ion:264 Resp: 401935

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.8 17.4 26.0

