

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
 Data File : BF130682.D
 Acq On : 17 Oct 2022 11:50
 Operator : CG\JU
 Sample : PB148341BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148341BL

Quant Time: Oct 18 03:19:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

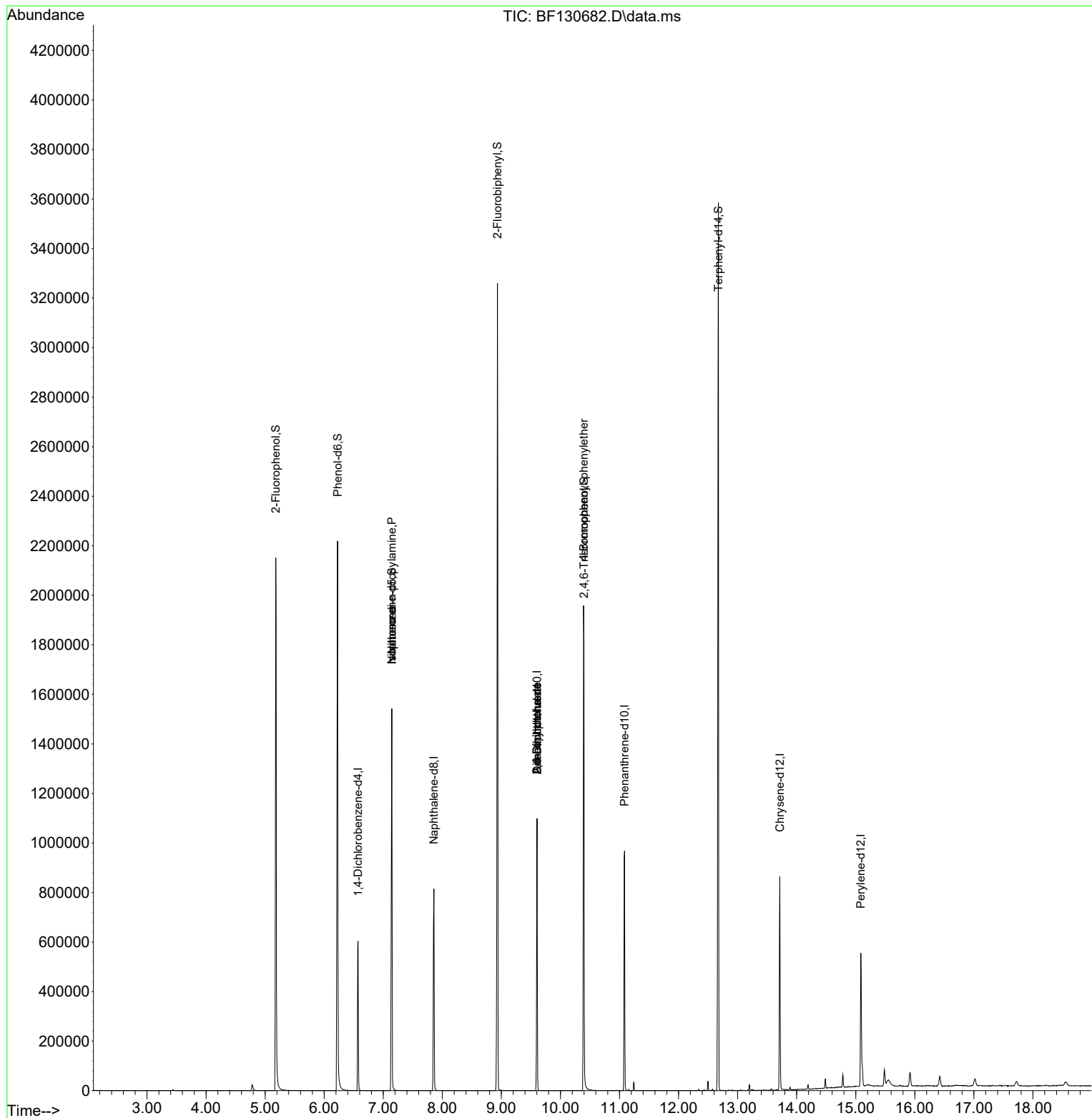
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	94840	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	384426	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	207645	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	366765	20.000	ng	# 0.00
76) Chrysene-d12	13.715	240	283690	20.000	ng	0.00
86) Perylene-d12	15.086	264	223810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	671453	127.617	ng	0.01
7) Phenol-d6	6.228	99	816557	123.438	ng	0.00
23) Nitrobenzene-d5	7.145	82	521514	74.058	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	262812	129.350	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	1070741	78.109	ng	0.00
79) Terphenyl-d14	12.674	244	1233914	72.190	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.145	70	69454	16.273	ng	# 77
25) Isophorone	7.145	82	518485	44.238	ng	# 64
50) Dimethylphthalate	9.604	163	39684	2.761	ng	# 1
51) 2,6-Dinitrotoluene	9.604	165	27361	8.678	ng	# 24
57) 2,4-Dinitrotoluene	9.604	165	27361	6.752	ng	# 14
67) 4-Bromophenyl-phenylether	10.392	248	15554	3.748	ng	# 1

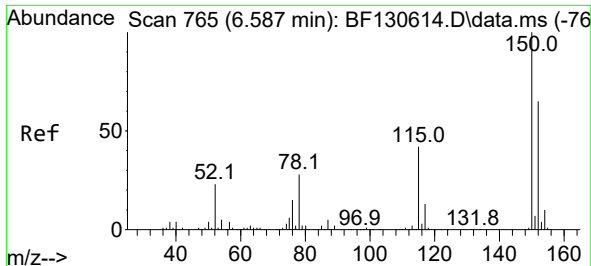
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

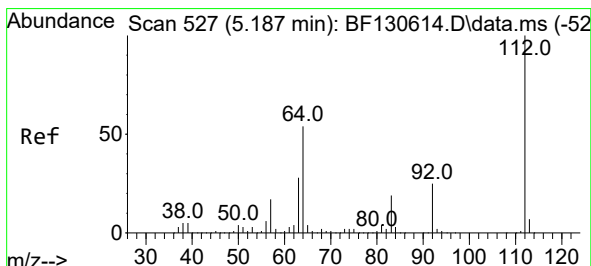
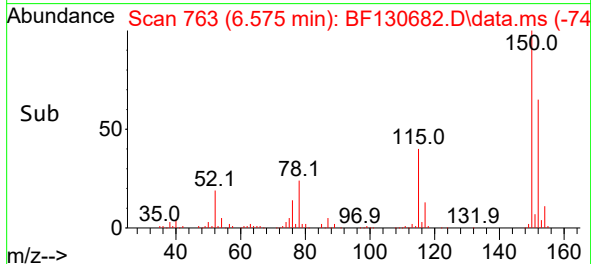
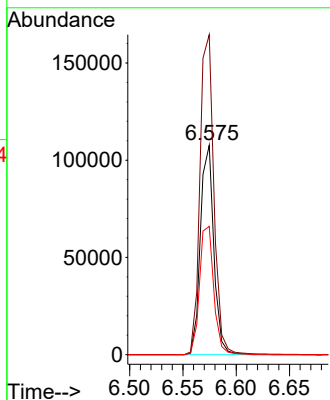
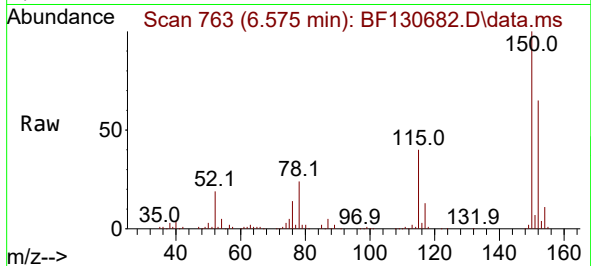




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

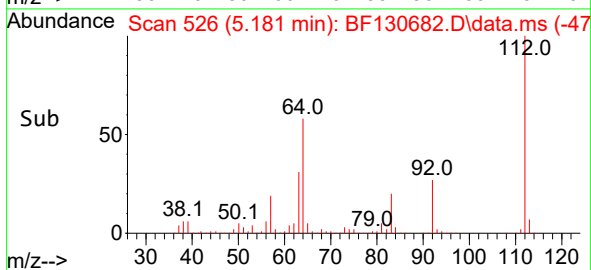
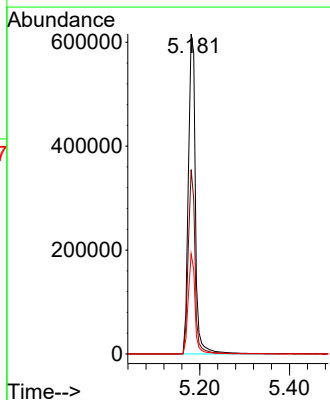
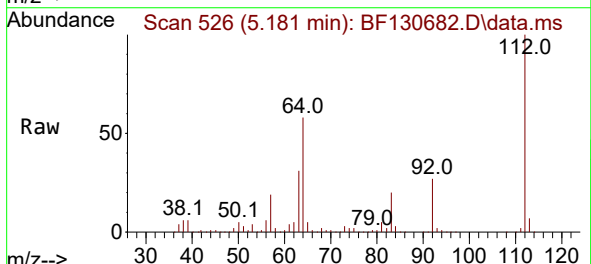
Instrument :
BNA_F
ClientSampleId :
PB148341BL

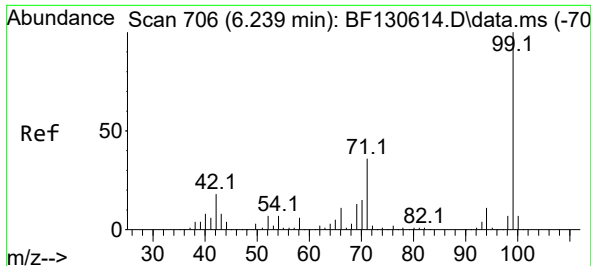
Tgt Ion:152 Resp: 94840
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 61.3 52.2 78.4



#5
2-Fluorophenol
Concen: 127.617 ng
RT: 5.181 min Scan# 526
Delta R.T. 0.012 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

Tgt Ion:112 Resp: 671453
Ion Ratio Lower Upper
112 100
64 57.6 43.5 65.3
63 31.3 22.6 34.0

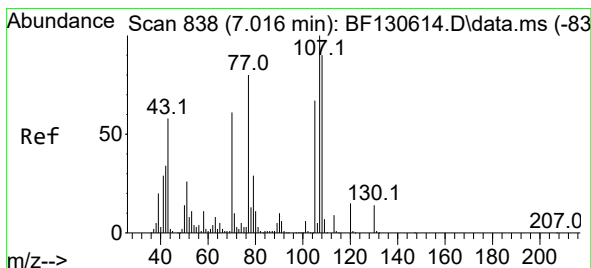
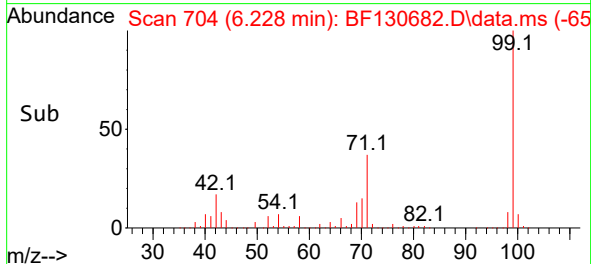
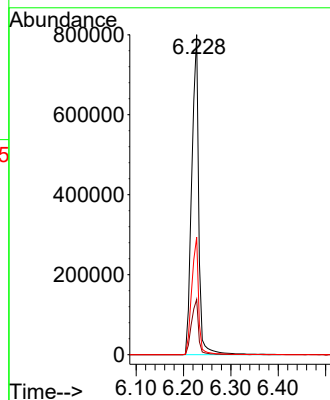
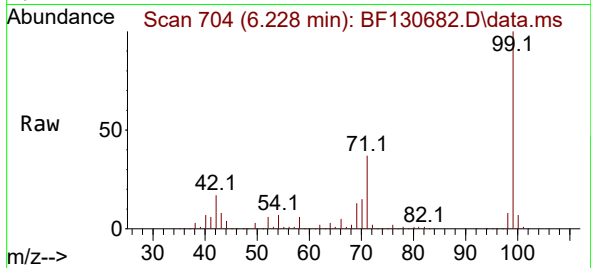




#7
Phenol-d6
Concen: 123.438 ng
RT: 6.228 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

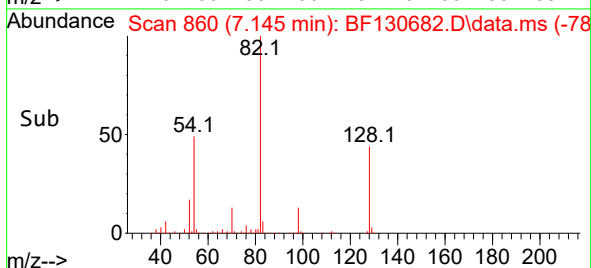
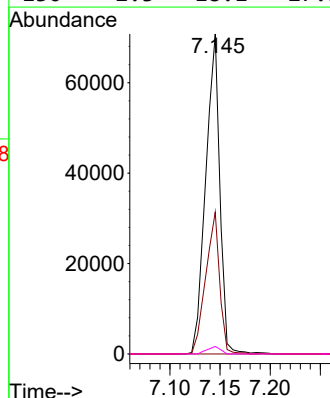
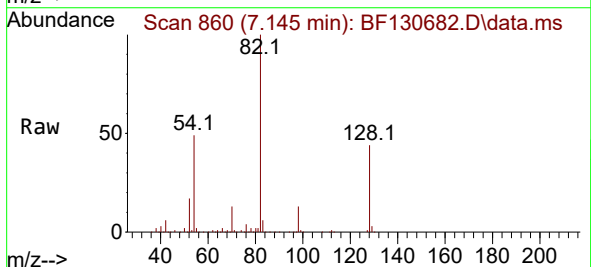
Instrument :
BNA_F
ClientSampleId :
PB148341BL

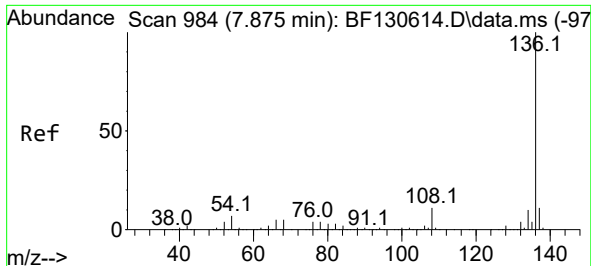
Tgt Ion: 99 Resp: 816557
Ion Ratio Lower Upper
99 100
42 17.3 14.0 21.0
71 36.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.273 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

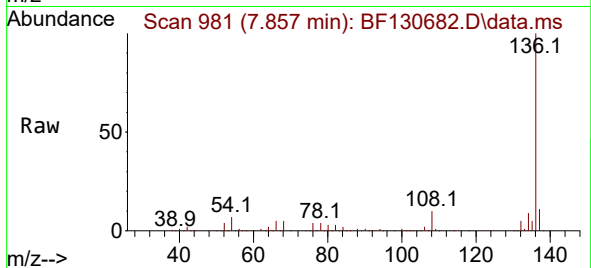
Tgt Ion: 70 Resp: 69454
Ion Ratio Lower Upper
70 100
42 44.3 44.3 66.5
101 0.0 7.9 11.9#
130 2.3 18.1 27.1#



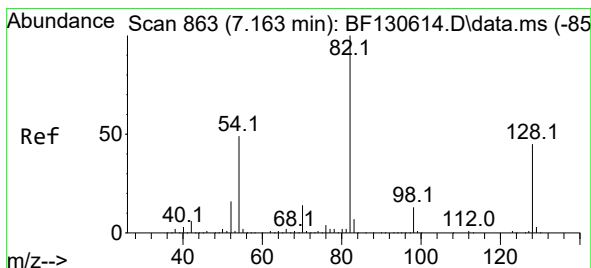
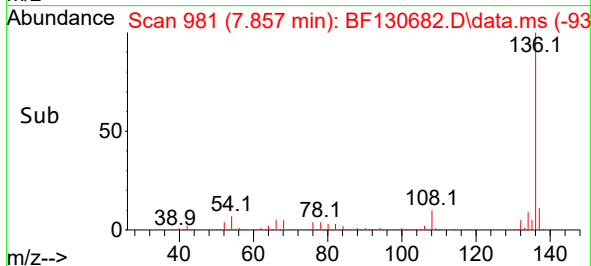
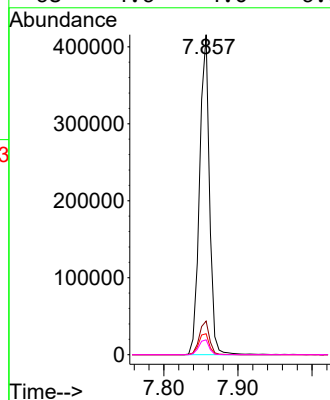


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

Instrument :
BNA_F
ClientSampleId :
PB148341BL

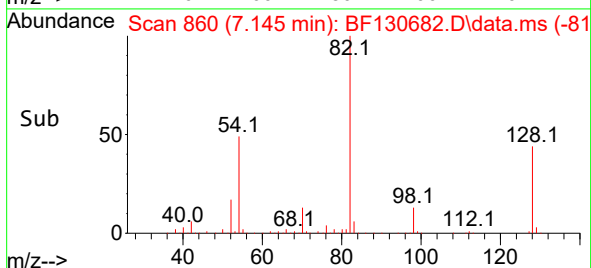
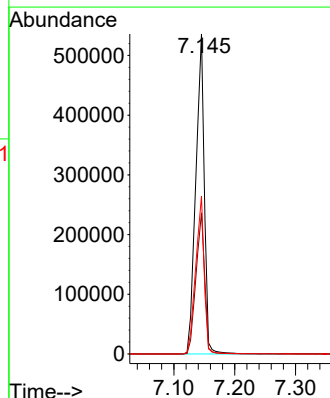
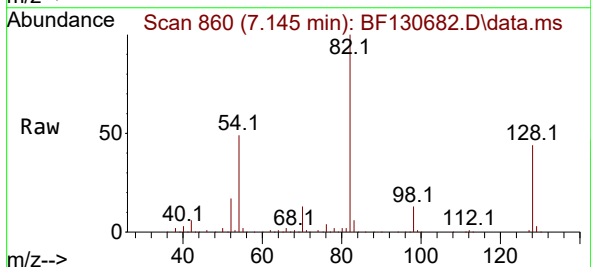


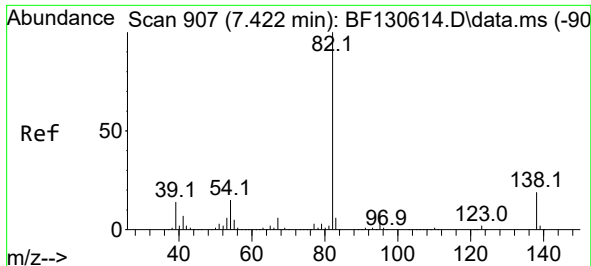
Tgt Ion:	136	Resp:	384426
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.4	12.6
54	6.5	5.5	8.3
68	4.6	4.0	6.0



#23
Nitrobenzene-d5
Concen: 74.058 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

Tgt Ion:	82	Resp:	521514
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.8	53.6
54	49.2	39.3	58.9

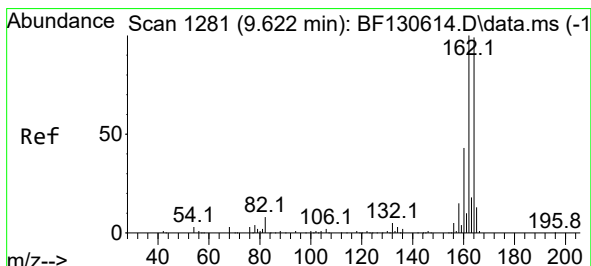
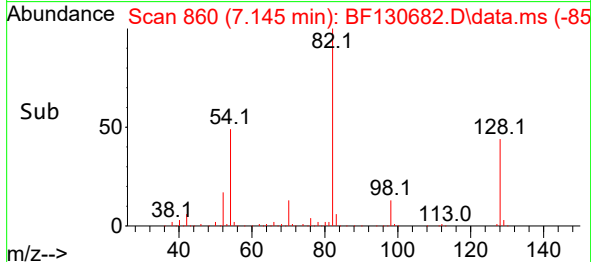
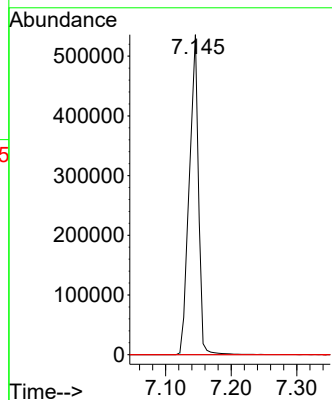
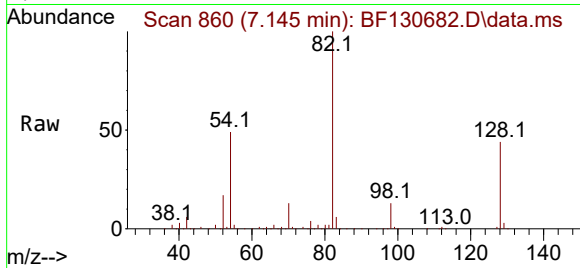




#25
Isophorone
Concen: 44.238 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

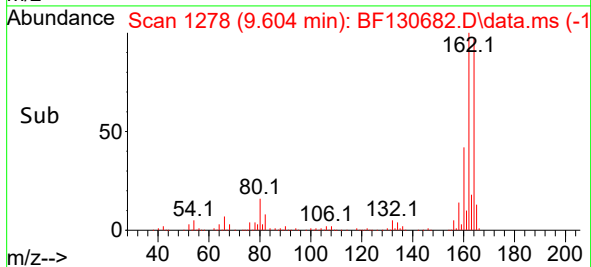
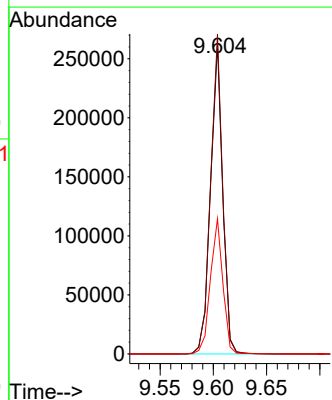
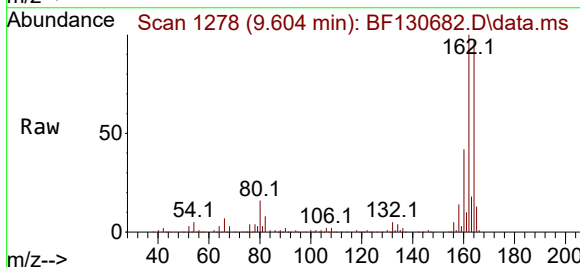
Instrument :
BNA_F
ClientSampleId :
PB148341BL

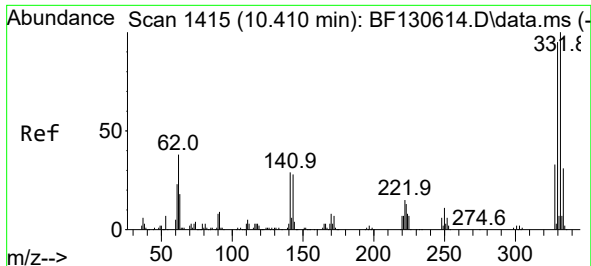
Tgt Ion: 82 Resp: 518485
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

Tgt Ion:164 Resp: 207645
Ion Ratio Lower Upper
164 100
162 103.3 81.0 121.4
160 43.7 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 129.350 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130682.D

Acq: 17 Oct 2022 11:50

Instrument :

BNA_F

ClientSampleId :

PB148341BL

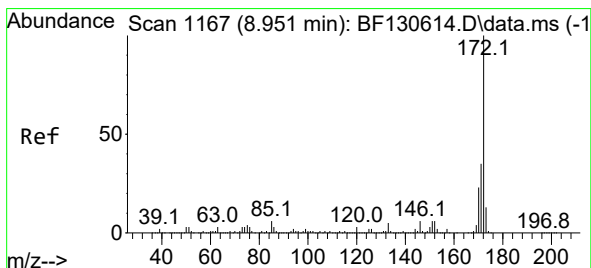
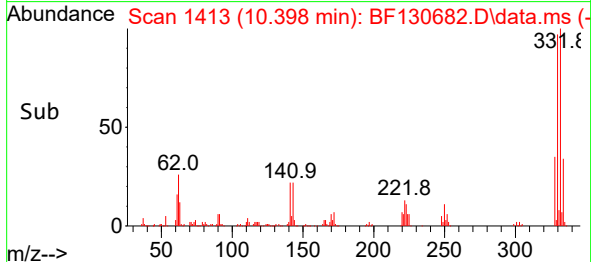
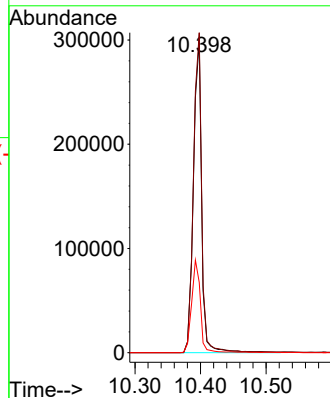
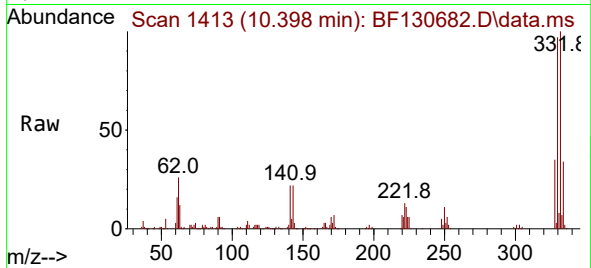
Tgt Ion:330 Resp: 262812

Ion Ratio Lower Upper

330 100

332 103.7 84.2 126.4

141 31.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 78.109 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130682.D

Acq: 17 Oct 2022 11:50

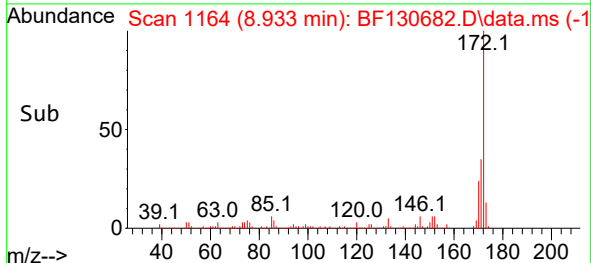
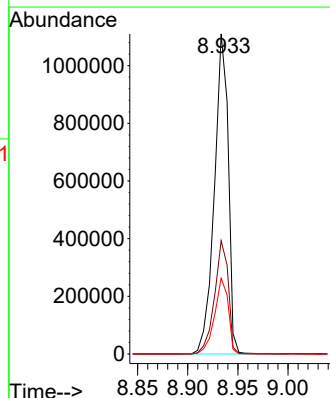
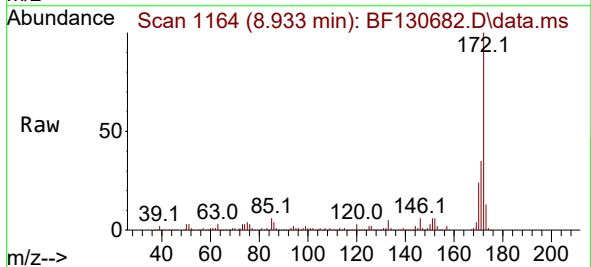
Tgt Ion:172 Resp: 1070741

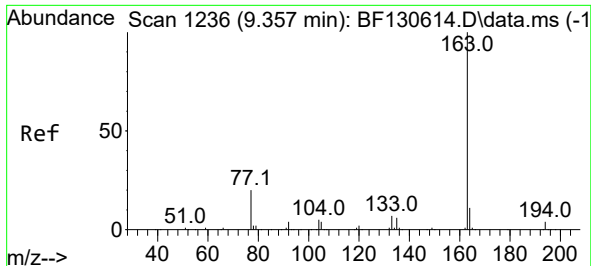
Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 23.7 18.6 27.8

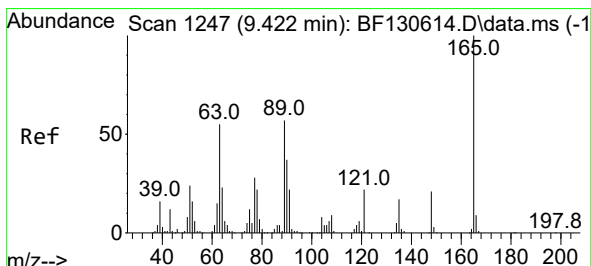
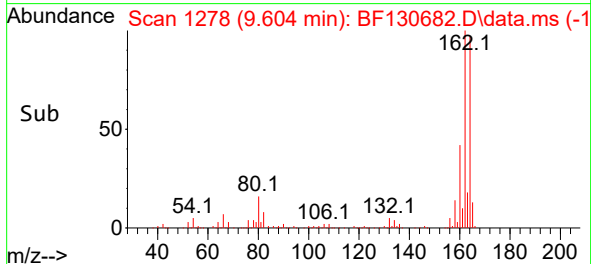
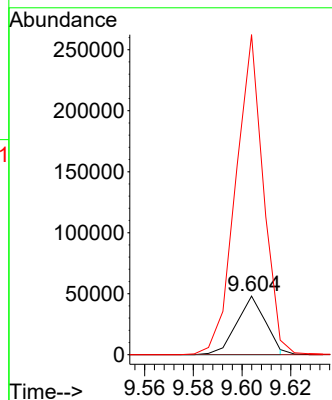
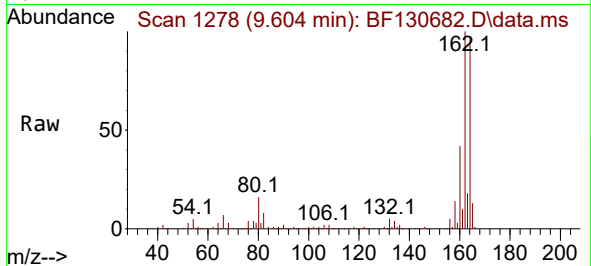




#50
Dimethylphthalate
Concen: 2.761 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.259 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

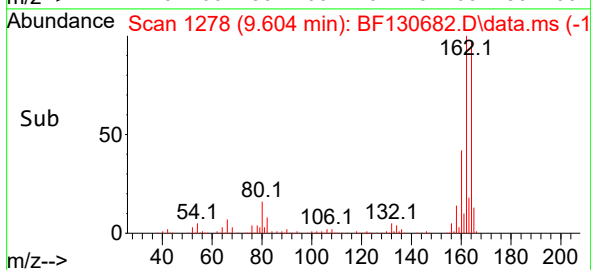
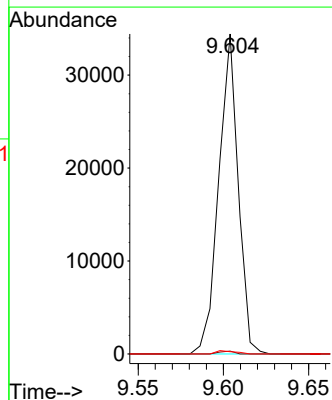
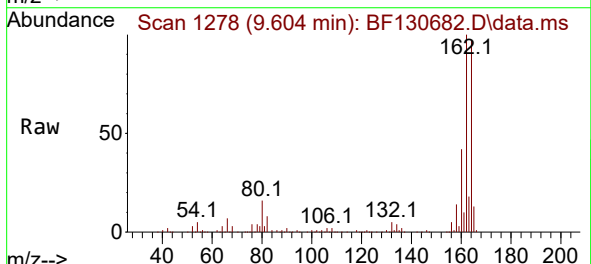
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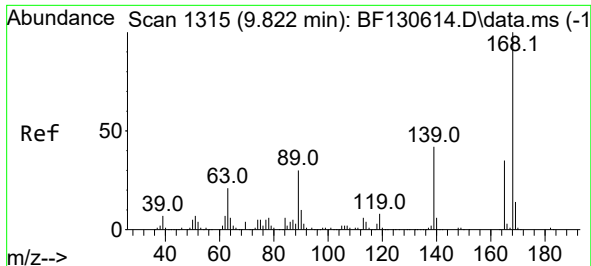
Tgt Ion:163 Resp: 39684
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 546.9 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.678 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.194 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

Tgt Ion:165 Resp: 27361
Ion Ratio Lower Upper
165 100
63 0.9 45.3 67.9#
89 0.7 45.6 68.4#

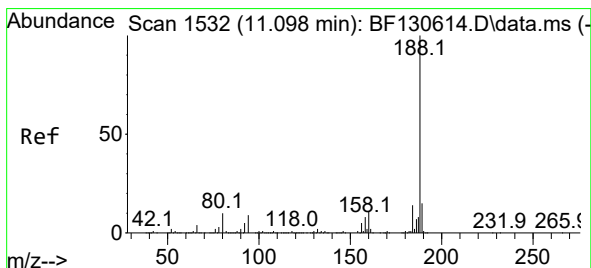
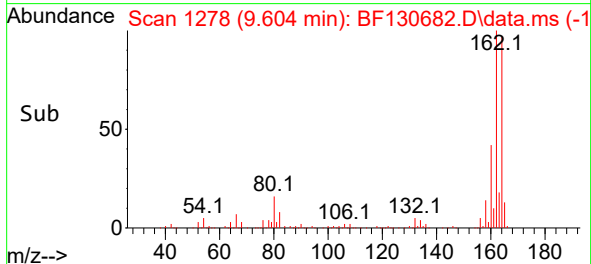
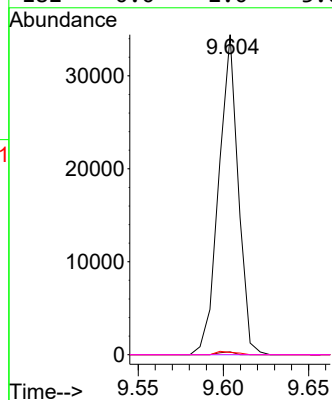
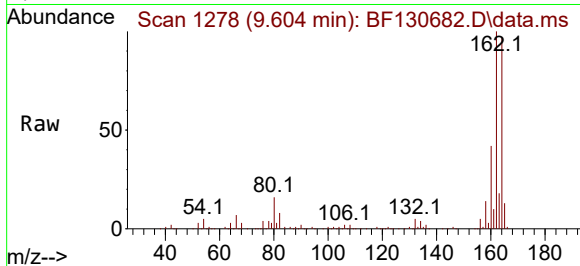




#57
2,4-Dinitrotoluene
Concen: 6.752 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

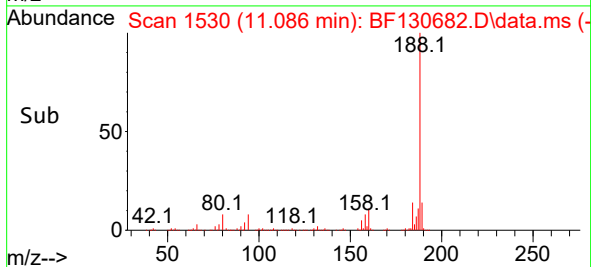
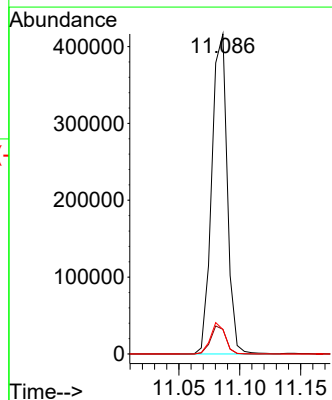
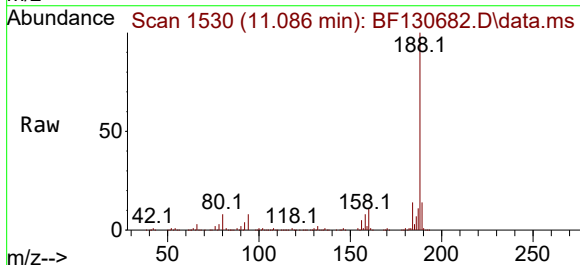
Instrument :
BNA_F
ClientSampleId :
PB148341BL

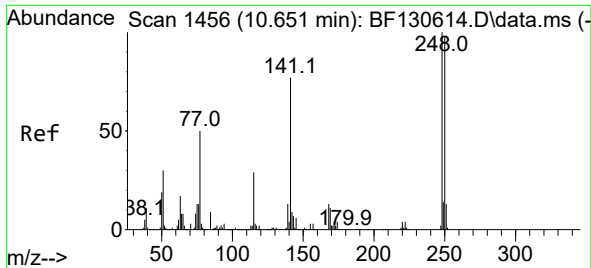
Tgt Ion:165 Resp: 27361
Ion Ratio Lower Upper
165 100
63 0.9 50.6 76.0#
89 0.7 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

Tgt Ion:188 Resp: 366765
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.2
80 7.7 8.0 12.0#

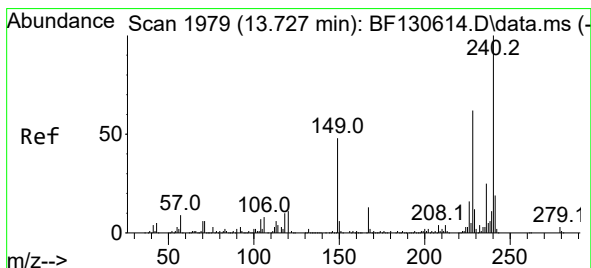
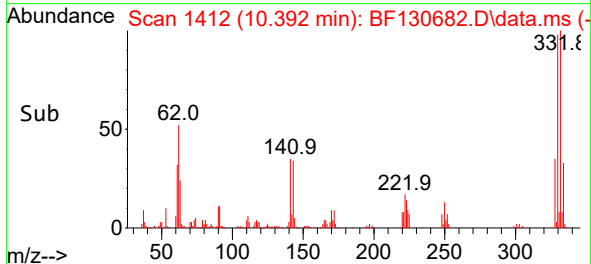
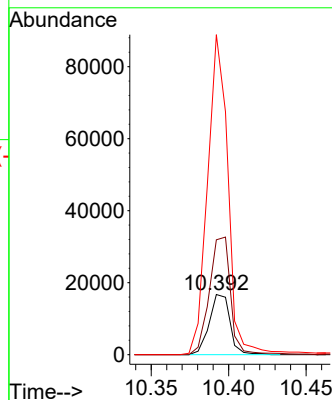
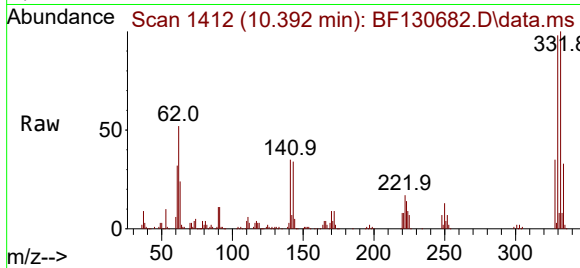




#67
4-Bromophenyl-phenylether
Concen: 3.748 ng
RT: 10.392 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

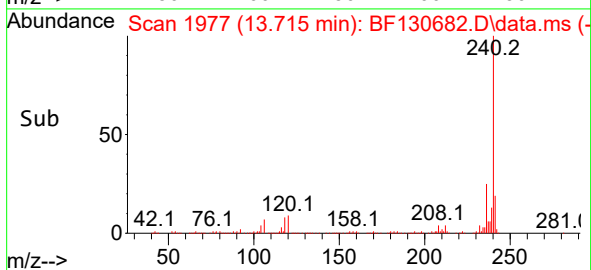
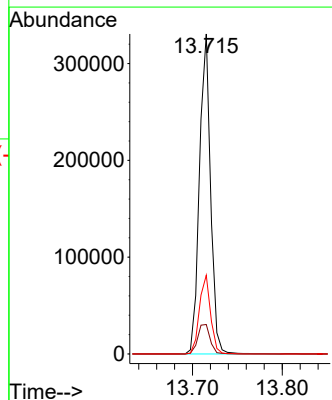
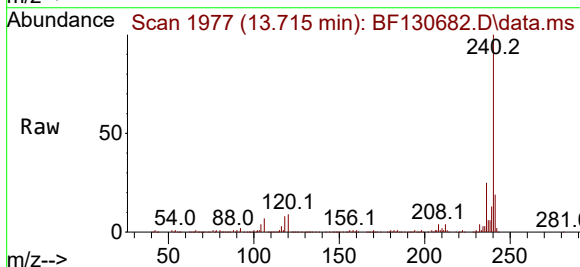
Instrument :
BNA_F
ClientSampleId :
PB148341BL

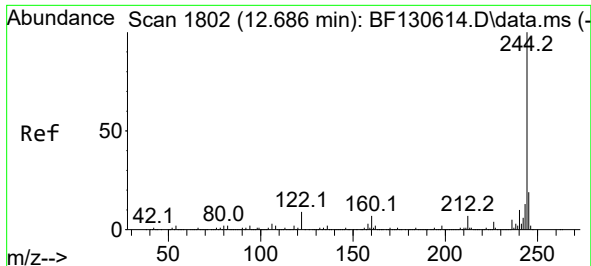
Tgt Ion:248 Resp: 15554
Ion Ratio Lower Upper
248 100
250 190.8 78.7 118.1#
141 531.2 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BF130682.D
Acq: 17 Oct 2022 11:50

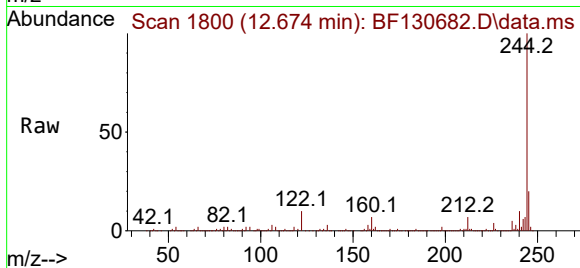
Tgt Ion:240 Resp: 283690
Ion Ratio Lower Upper
240 100
120 9.2 8.6 13.0
236 24.6 20.2 30.4





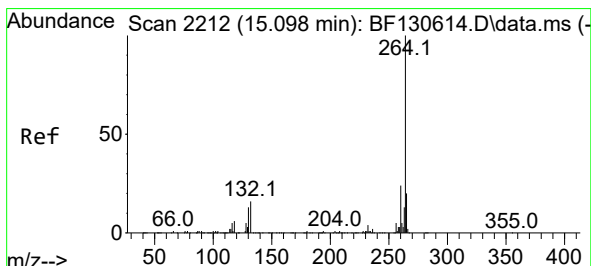
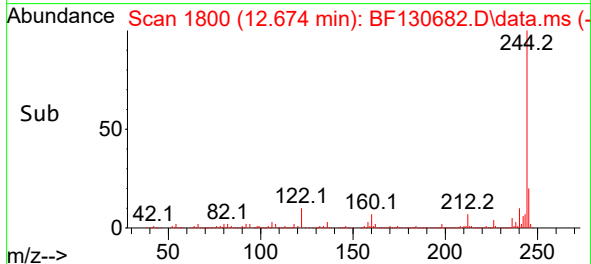
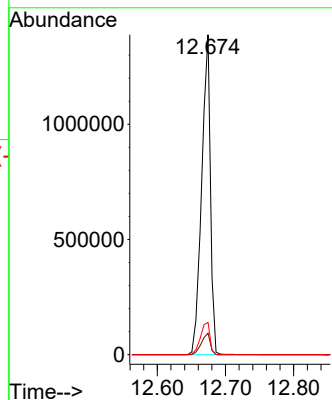
#79
 Terphenyl-d14
 Concen: 72.190 ng
 RT: 12.674 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: BF130682.D
 Acq: 17 Oct 2022 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB148341BL



Tgt Ion:244 Resp: 1233914

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.1	7.5	11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: BF130682.D
 Acq: 17 Oct 2022 11:50

Tgt Ion:264 Resp: 223810

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	22.2	16.4	24.6

