

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131915.D
 Acq On : 05 Jan 2023 15:08
 Operator : CG\JU
 Sample : PB150045BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150045BL

Quant Time: Jan 06 03:10:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

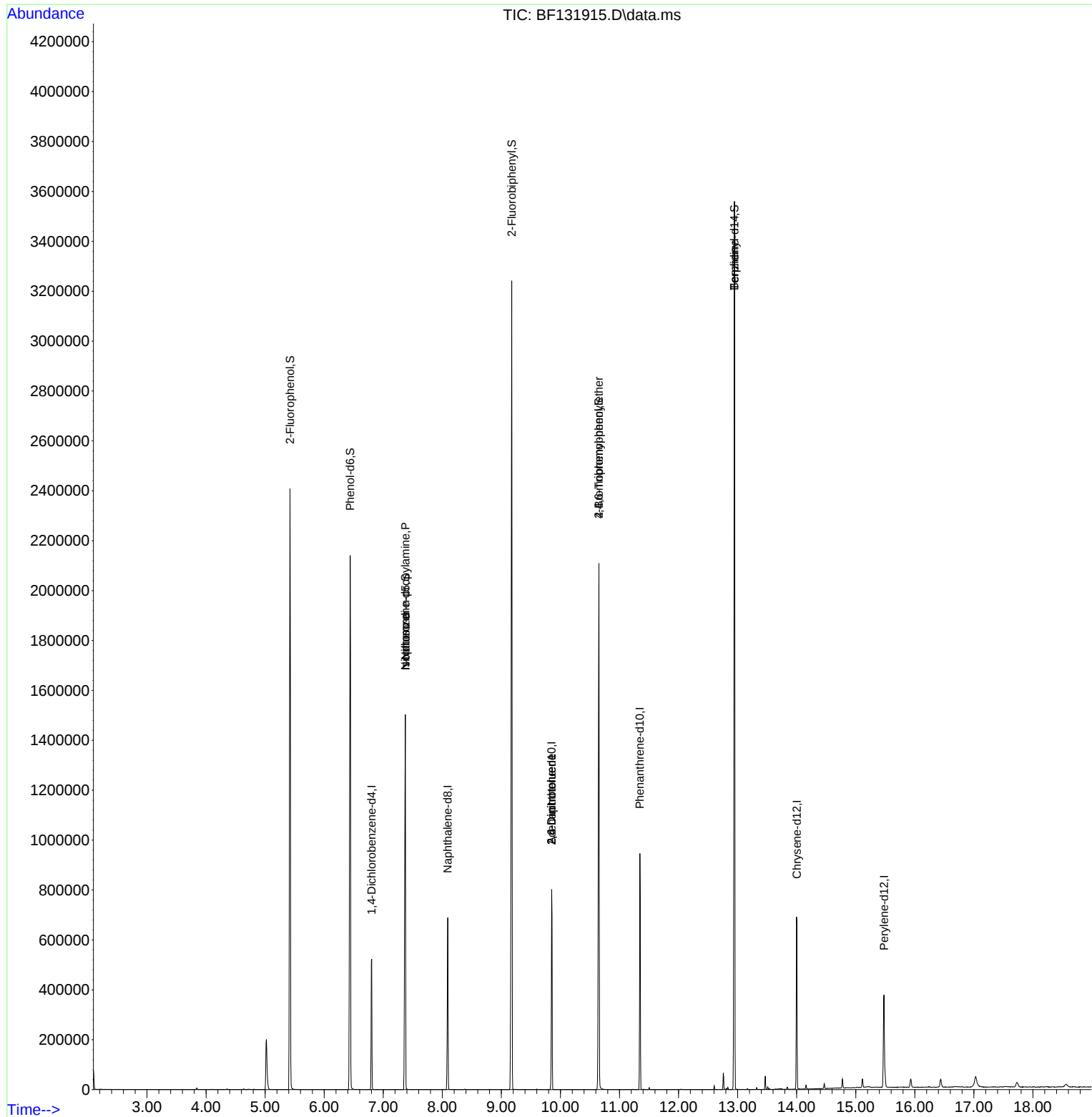
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	76367	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	280478	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	167958	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	332232	20.000	ng	0.00
76) Chrysene-d12	14.004	240	246934	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	171681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	635610	137.932	ng	0.02
7) Phenol-d6	6.439	99	824207	136.137	ng	0.00
23) Nitrobenzene-d5	7.375	82	563405	80.200	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	231953	127.107	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	993830	81.049	ng	0.00
79) Terphenyl-d14	12.945	244	1286496	88.126	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	77629	18.155	ng	# 80
25) Isophorone	7.375	82	563397	49.109	ng	# 69
51) 2,6-Dinitrotoluene	9.851	165	21853	7.945	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	21853	5.809	ng	# 17
67) 4-Bromophenyl-phenylether	10.651	248	16312	4.236	ng	# 1
77) Benzidine	12.945	184	19514	4.809	ng	# 92

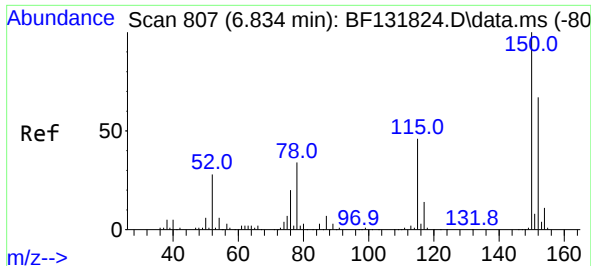
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 03:02:38 2023
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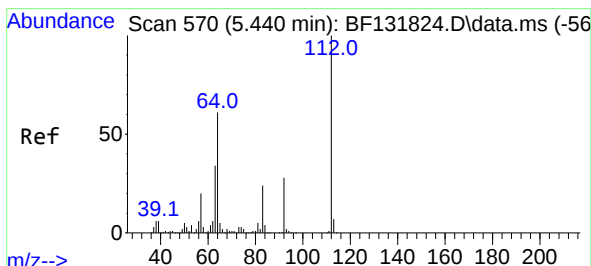
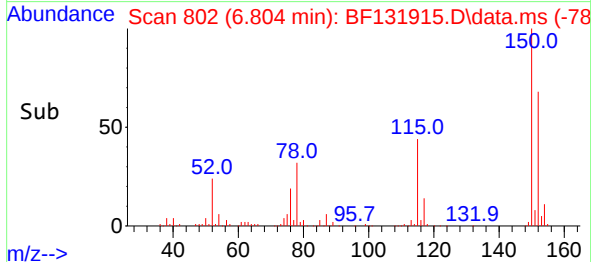
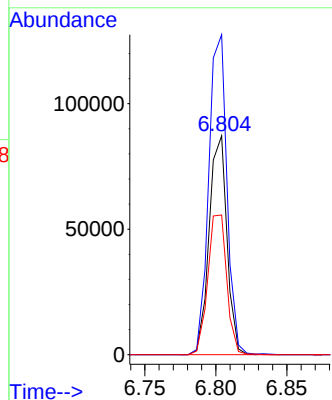
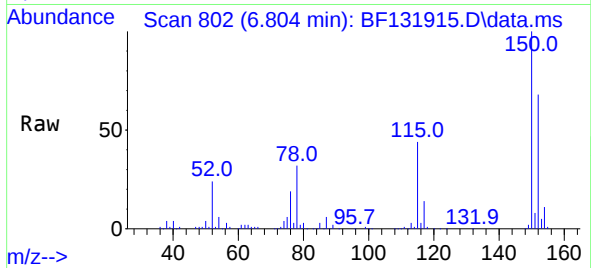




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

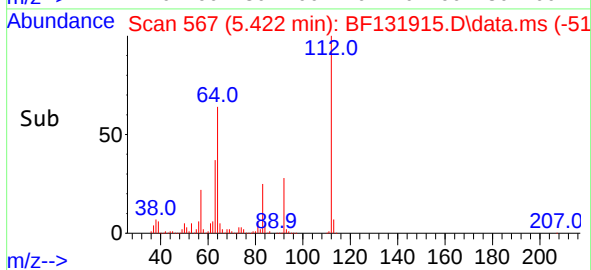
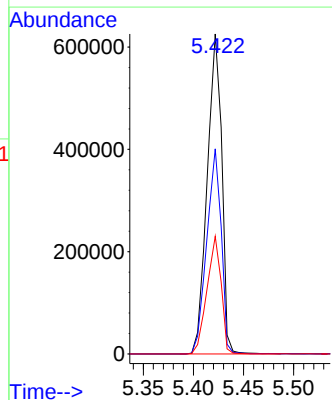
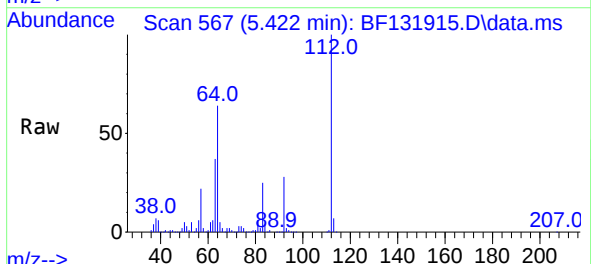
Instrument :
BNA_F
ClientSampleId :
PB150045BL

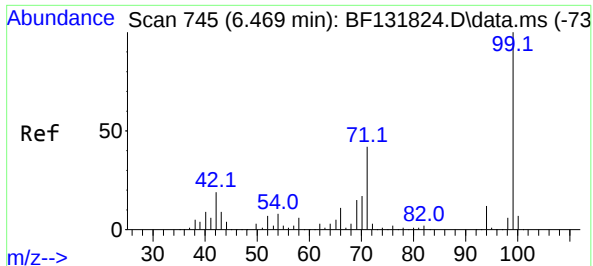
Tgt Ion:152 Resp: 76367
Ion Ratio Lower Upper
152 100
150 146.2 120.0 180.0
115 63.8 55.1 82.7



#5
2-Fluorophenol
Concen: 137.932 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

Tgt Ion:112 Resp: 635610
Ion Ratio Lower Upper
112 100
64 64.1 49.2 73.8
63 36.8 27.5 41.3

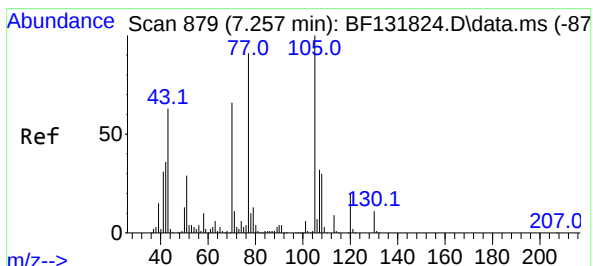
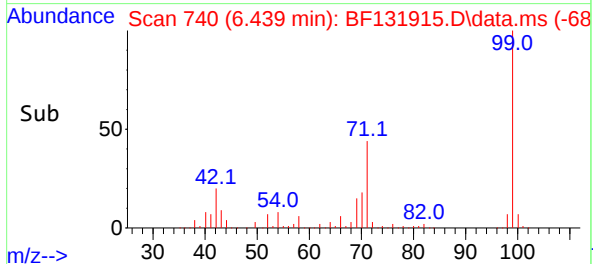
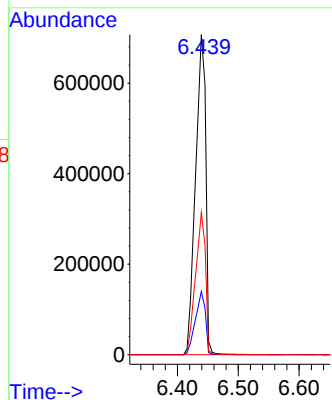
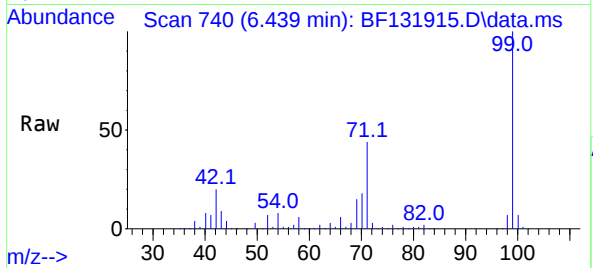




#7
Phenol-d6
Concen: 136.137 ng
RT: 6.439 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

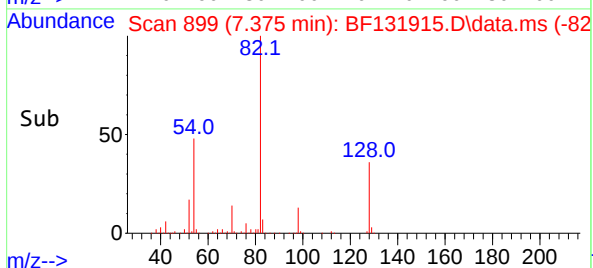
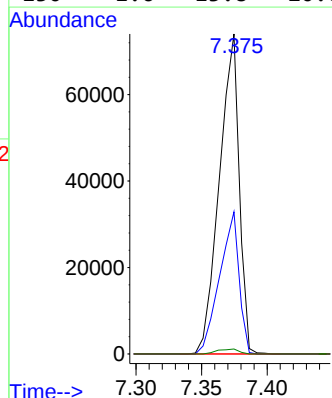
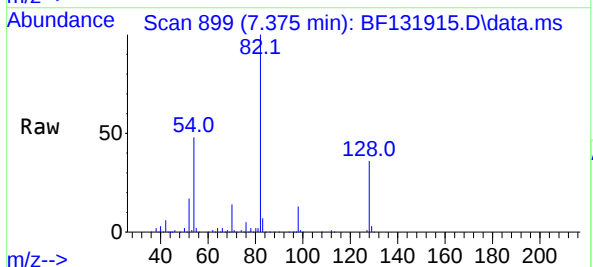
Instrument :
BNA_F
ClientSampleId :
PB150045BL

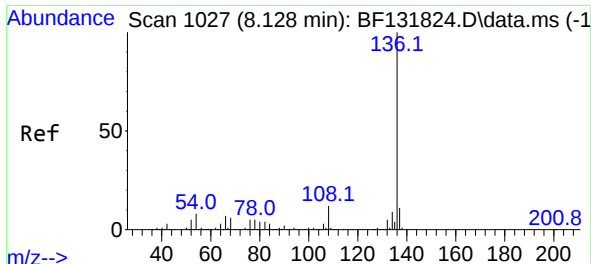
Tgt Ion: 99 Resp: 824207
Ion Ratio Lower Upper
99 100
42 19.7 15.3 22.9
71 44.4 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.155 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

Tgt Ion: 70 Resp: 77629
Ion Ratio Lower Upper
70 100
42 44.4 43.8 65.6
101 0.0 7.4 11.0#
130 1.6 13.8 20.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF131915.D

Acq: 05 Jan 2023 15:08

Instrument :

BNA_F

ClientSampleId :

PB150045BL

Tgt Ion:136 Resp: 280478

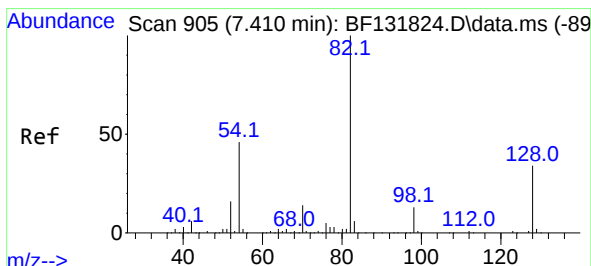
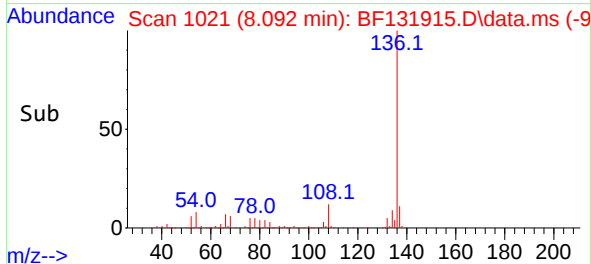
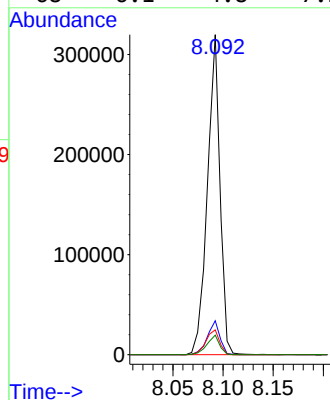
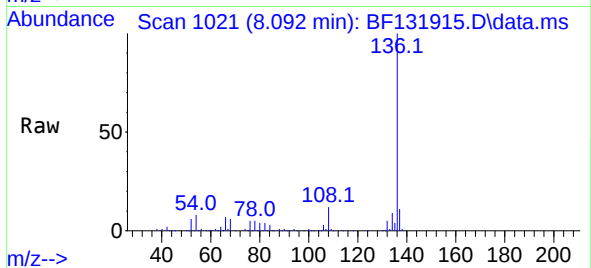
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 7.8 6.7 10.1

68 6.1 4.8 7.2



#23

Nitrobenzene-d5

Concen: 80.200 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF131915.D

Acq: 05 Jan 2023 15:08

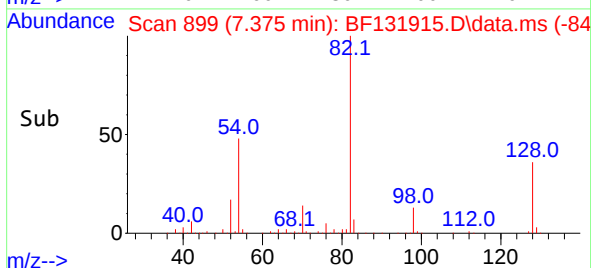
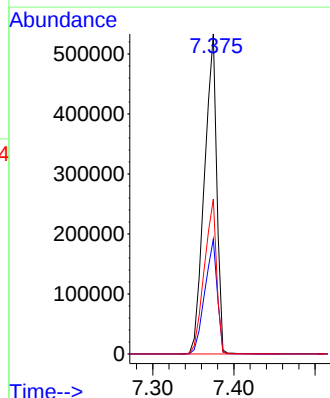
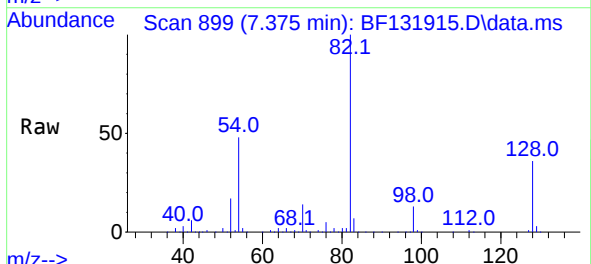
Tgt Ion: 82 Resp: 563405

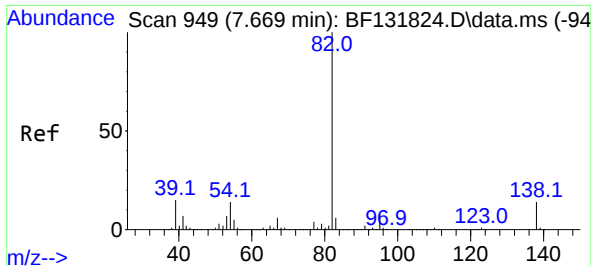
Ion Ratio Lower Upper

82 100

128 35.8 27.1 40.7

54 48.4 37.0 55.6

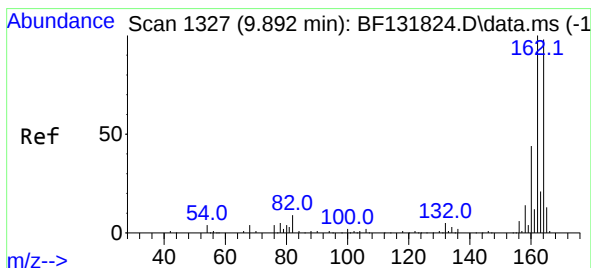
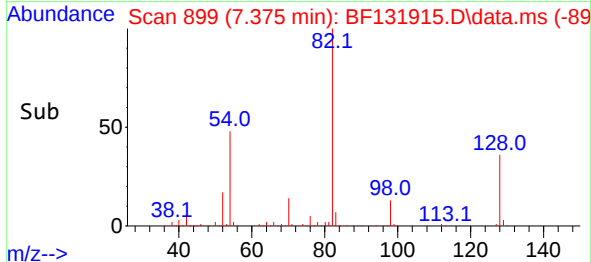
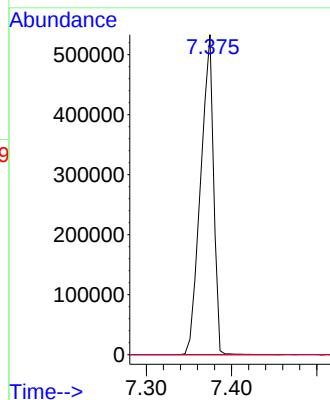
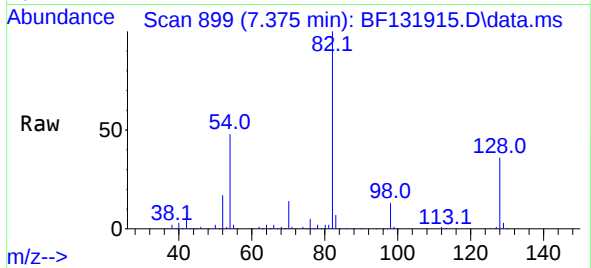




#25
Isophorone
Concen: 49.109 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

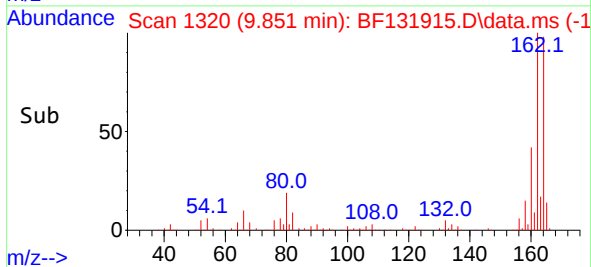
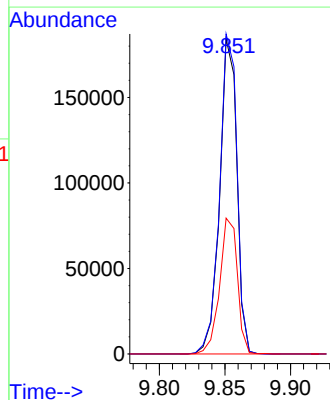
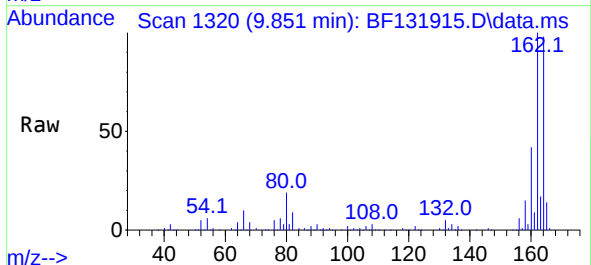
Instrument :
BNA_F
ClientSampleId :
PB150045BL

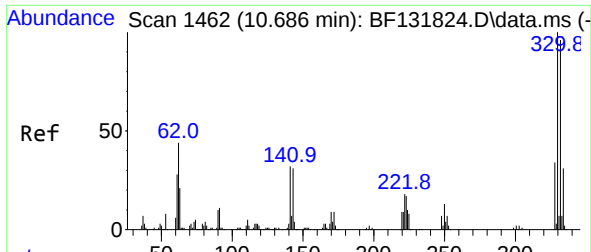
Tgt Ion: 82 Resp: 563397
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

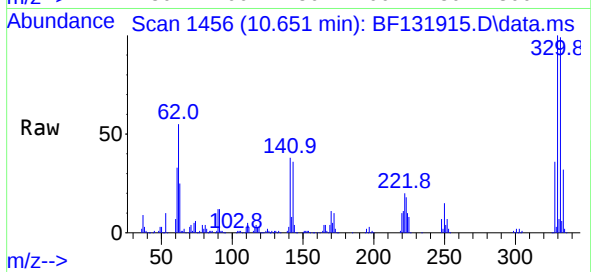
Tgt Ion:164 Resp: 167958
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 43.1 35.7 53.5



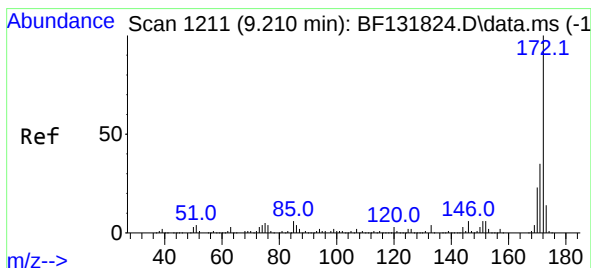
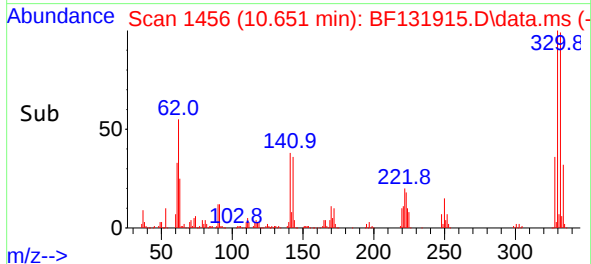
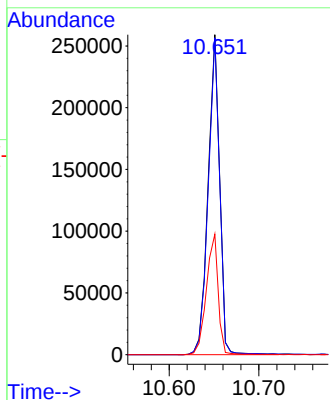


#42
2,4,6-Tribromophenol
Concen: 127.107 ng
RT: 10.651 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

Instrument :
BNA_F
ClientSampleId :
PB150045BL

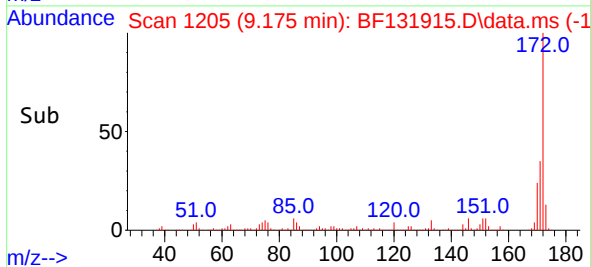
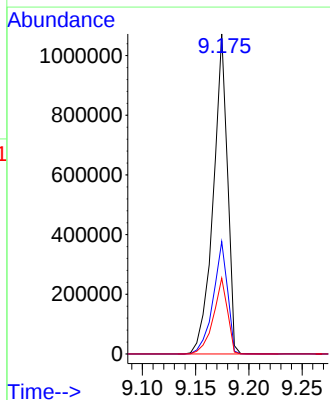
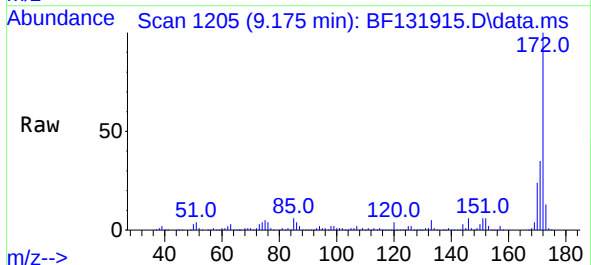


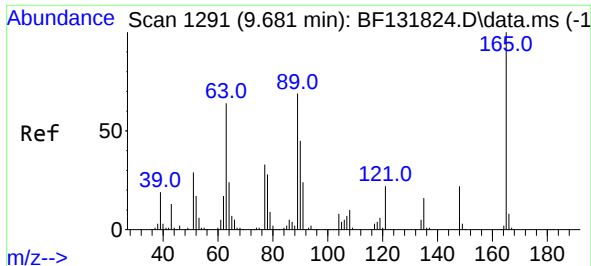
Tgt Ion:330 Resp: 231953
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.4
141 38.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 81.049 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

Tgt Ion:172 Resp: 993830
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.7 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.945 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF131915.D

Acq: 05 Jan 2023 15:08

Instrument :

BNA_F

ClientSampleId :

PB150045BL

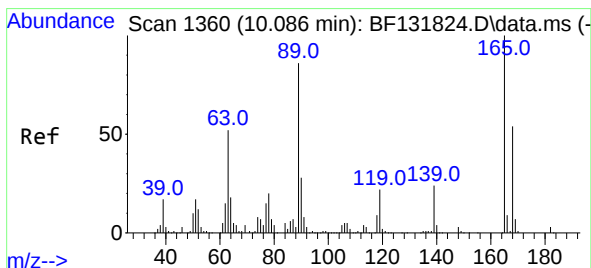
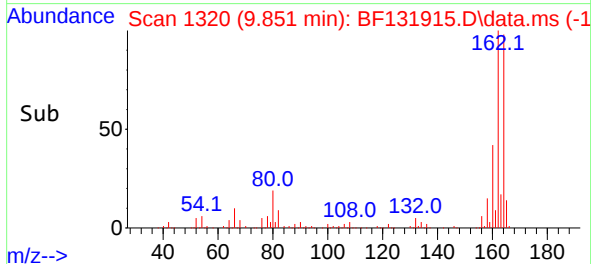
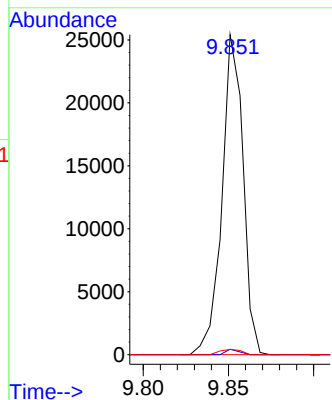
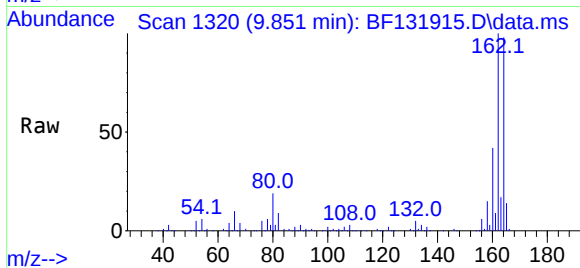
Tgt Ion:165 Resp: 21853

Ion Ratio Lower Upper

165 100

63 1.7 55.1 82.7#

89 1.6 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.809 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.206 min

Lab File: BF131915.D

Acq: 05 Jan 2023 15:08

Tgt Ion:165 Resp: 21853

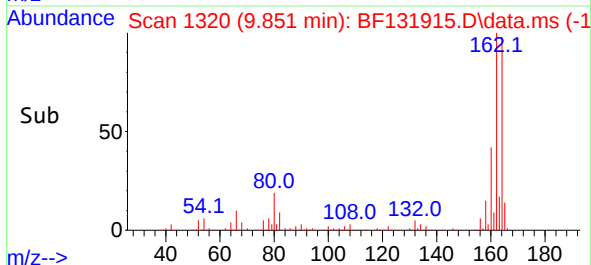
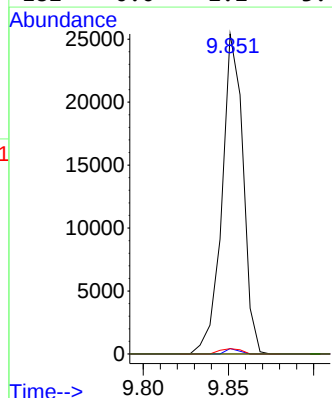
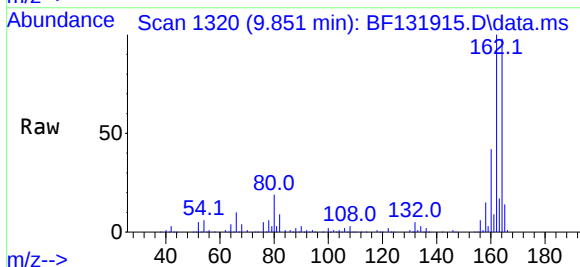
Ion Ratio Lower Upper

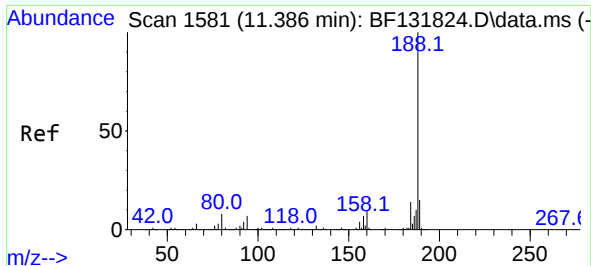
165 100

63 1.7 42.1 63.1#

89 1.6 69.1 103.7#

182 0.0 2.2 3.4#

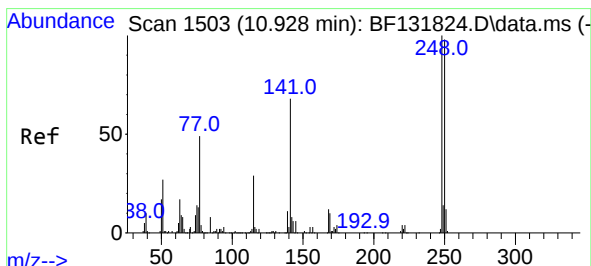
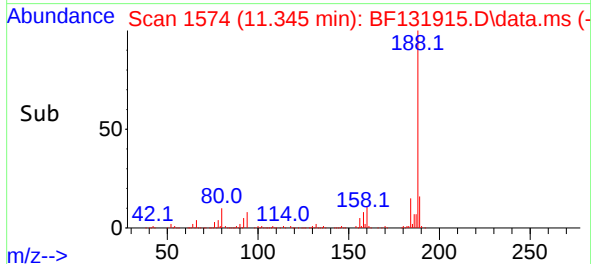
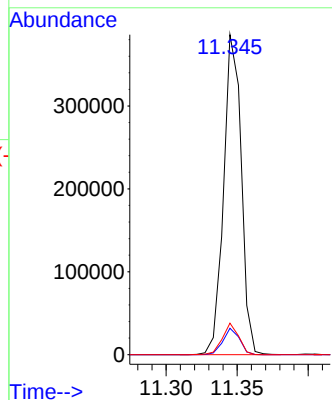
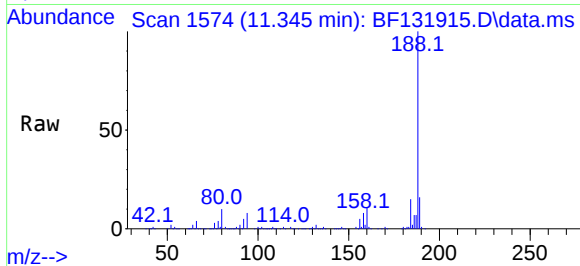




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

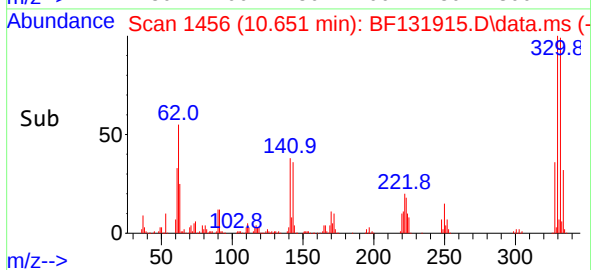
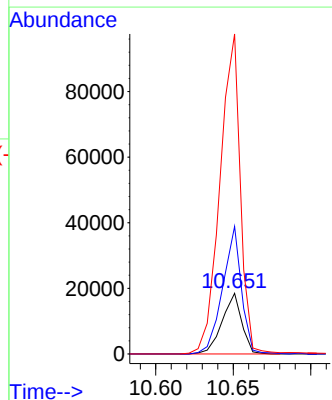
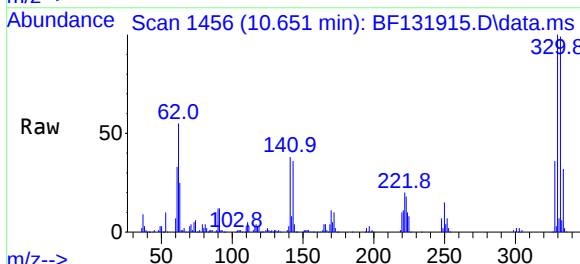
Instrument :
BNA_F
ClientSampleId :
PB150045BL

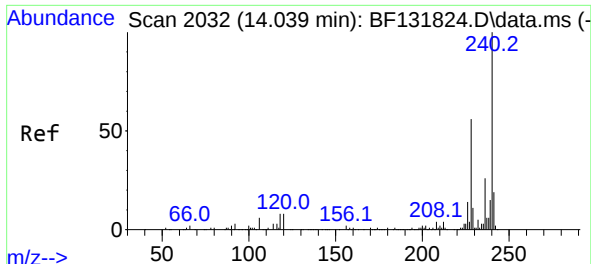
Tgt Ion:188 Resp: 332232
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.6
80 9.8 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 4.236 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

Tgt Ion:248 Resp: 16312
Ion Ratio Lower Upper
248 100
250 210.3 78.0 117.0#
141 527.6 54.8 82.2#

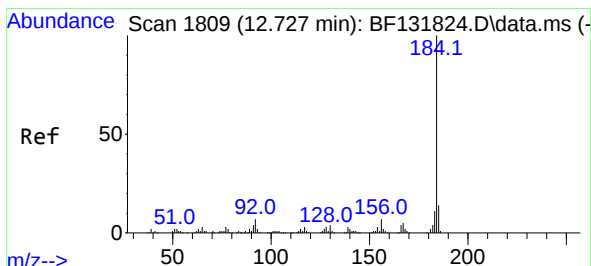
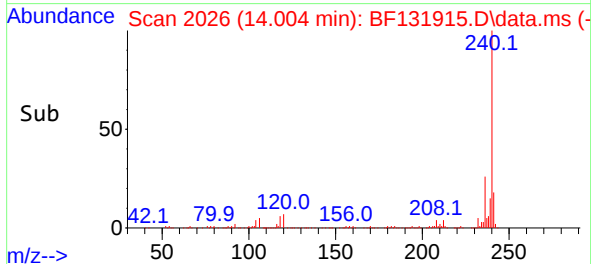
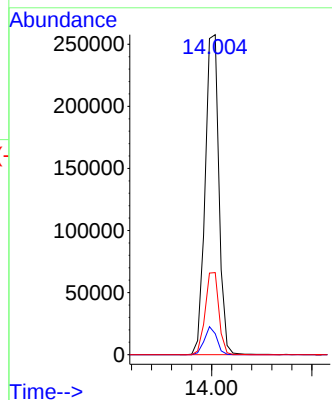
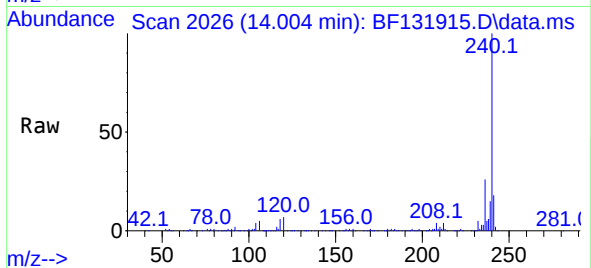




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

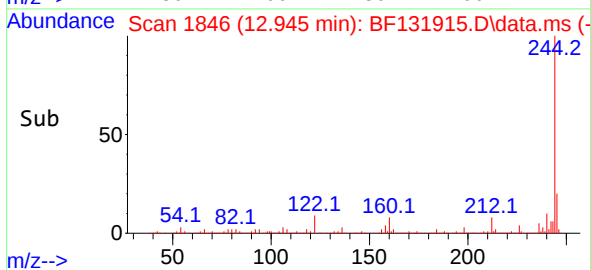
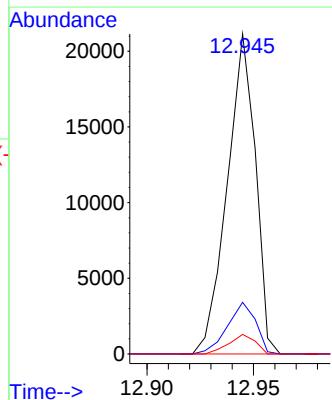
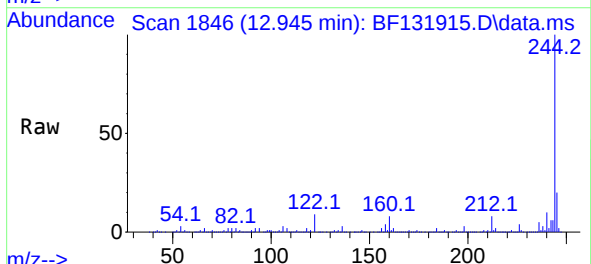
Instrument :
BNA_F
ClientSampleId :
PB150045BL

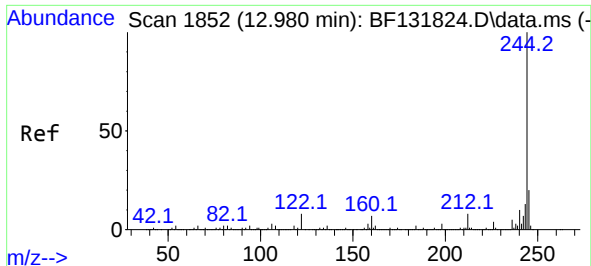
Tgt Ion:240 Resp: 246934
Ion Ratio Lower Upper
240 100
120 6.6 6.7 10.1#
236 25.6 20.6 31.0



#77
Benzidine
Concen: 4.809 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.253 min
Lab File: BF131915.D
Acq: 05 Jan 2023 15:08

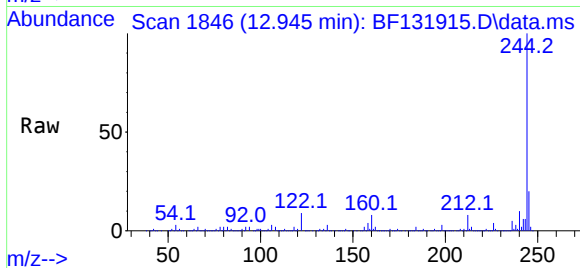
Tgt Ion:184 Resp: 19514
Ion Ratio Lower Upper
184 100
185 16.2 11.6 17.4
183 6.1 9.0 13.4#





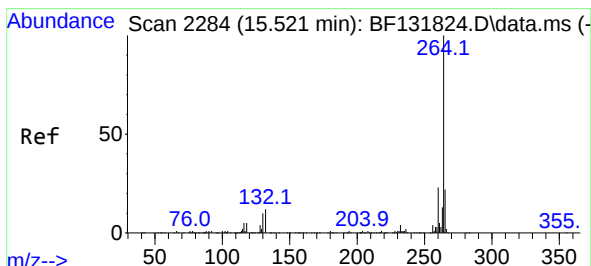
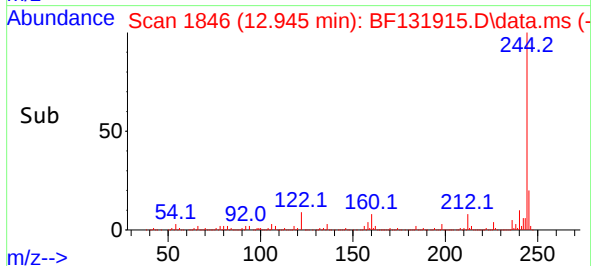
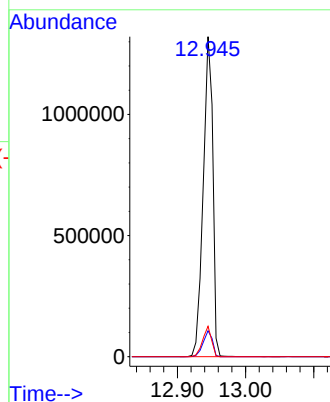
#79
 Terphenyl-d14
 Concen: 88.126 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF131915.D
 Acq: 05 Jan 2023 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB150045BL



Tgt Ion:244 Resp: 1286496

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	9.5	6.4	9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF131915.D
 Acq: 05 Jan 2023 15:08

Tgt Ion:264 Resp: 171681

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	21.4	17.4	26.0

