

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131911.D
 Acq On : 04 Jan 2023 21:55
 Operator : CG\JU
 Sample : 01001-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C3

Quant Time: Jan 05 05:46:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

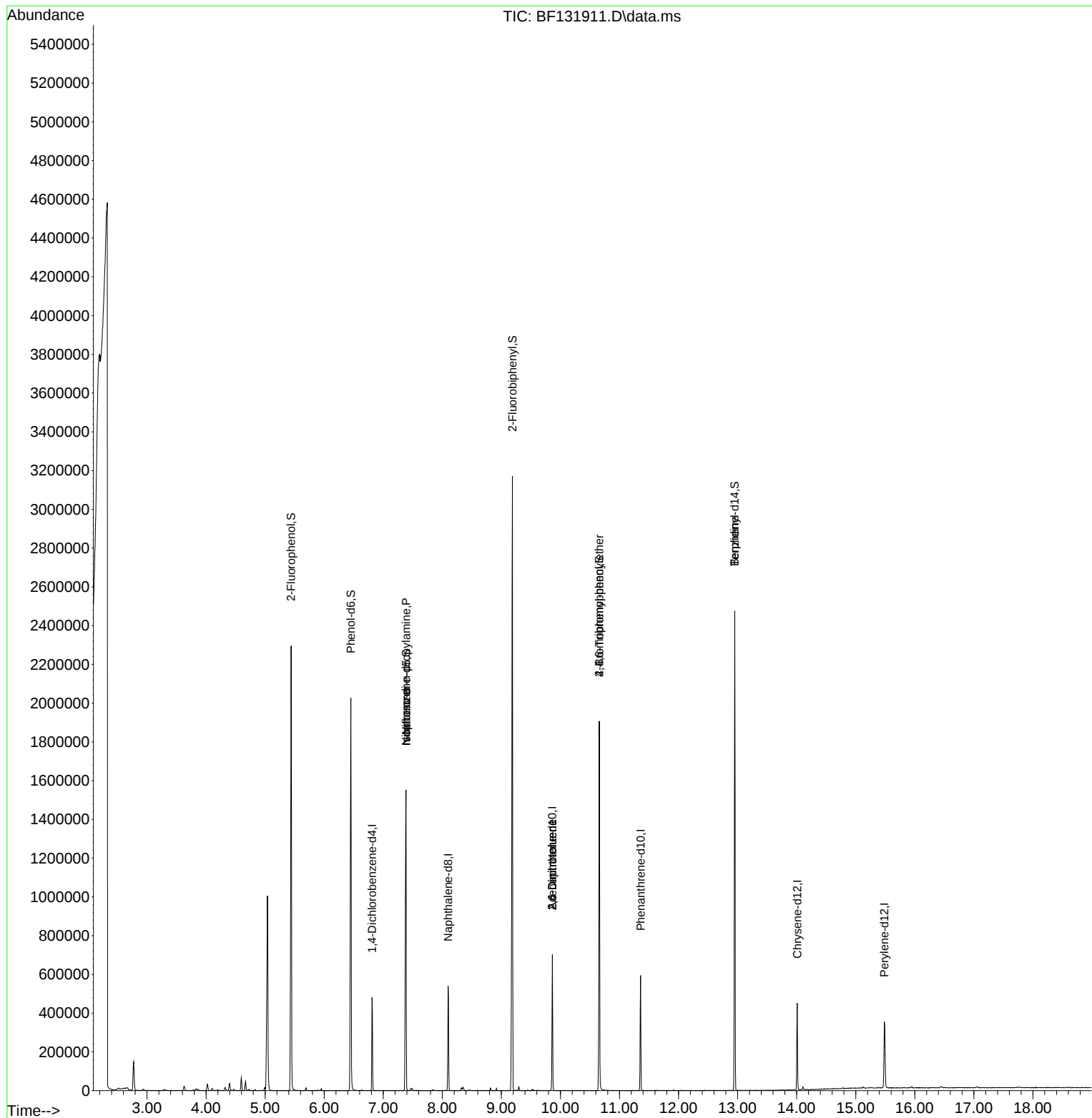
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	66682	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	232606	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	126984	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	205268	20.000	ng	0.00
76) Chrysene-d12	14.010	240	139367	20.000	ng	0.00
86) Perylene-d12	15.486	264	159921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	586489	145.758	ng	0.02
7) Phenol-d6	6.451	99	694843	131.439	ng	0.00
23) Nitrobenzene-d5	7.386	82	569020	97.669	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	199006	144.240	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	964539	104.041	ng	0.00
79) Terphenyl-d14	12.951	244	815002	98.918	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	80344	21.520	ng	# 78
25) Isophorone	7.386	82	569012	59.806	ng	# 69
51) 2,6-Dinitrotoluene	9.863	165	16480	7.924	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	16480	5.795	ng	# 17
67) 4-Bromophenyl-phenylether	10.657	248	13809	5.804	ng	# 1
77) Benzidine	12.951	184	12302	5.371	ng	# 94

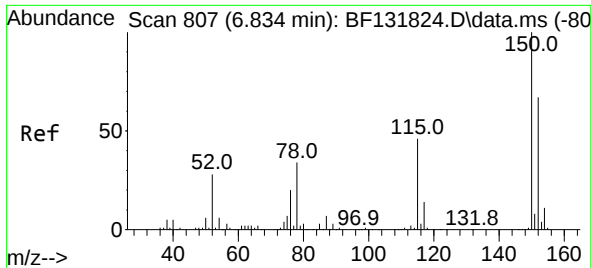
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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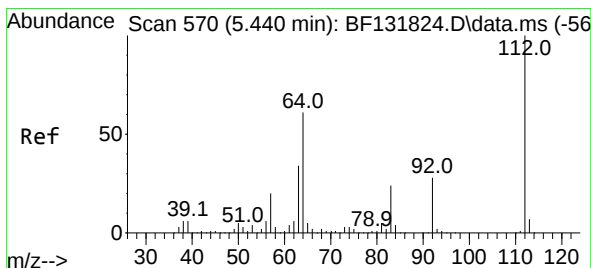
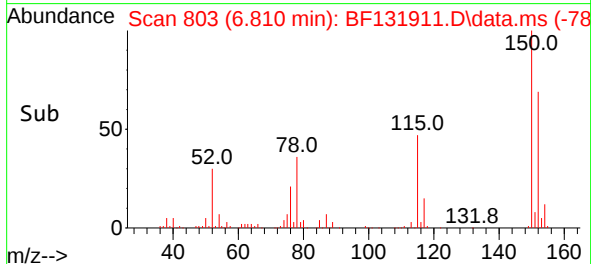
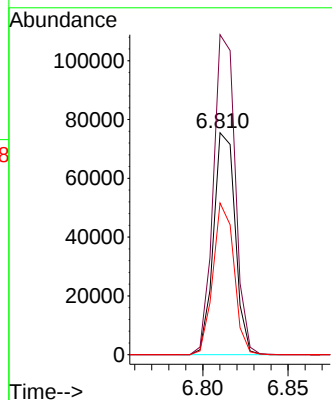
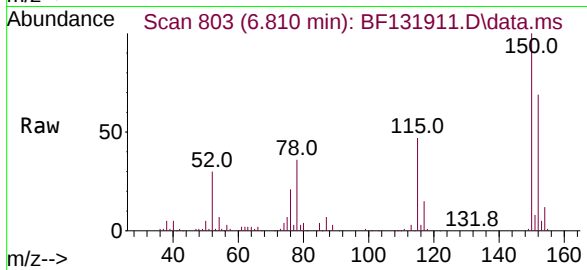




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

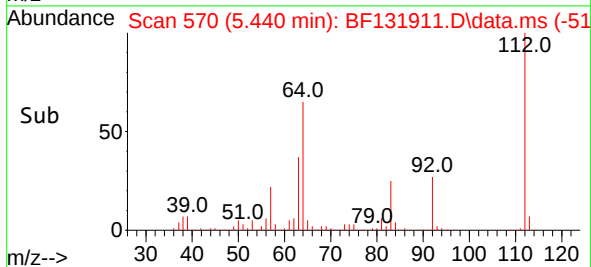
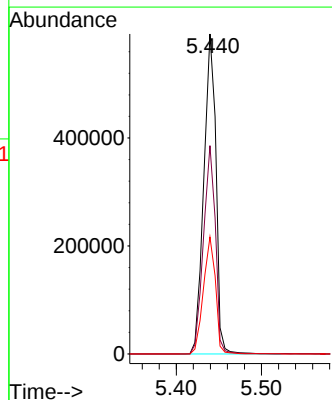
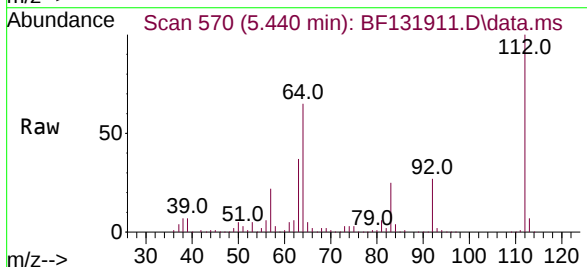
Instrument :
BNA_F
ClientSampleId :
TP-C3

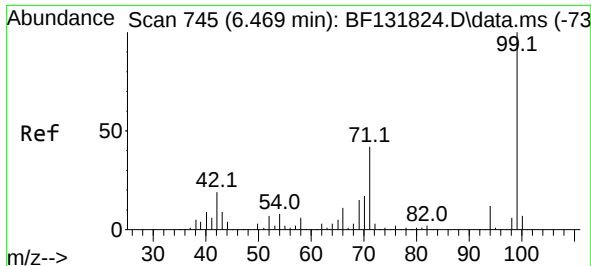
Tgt Ion:152 Resp: 66682
Ion Ratio Lower Upper
152 100
150 144.1 120.0 180.0
115 68.3 55.1 82.7



#5
2-Fluorophenol
Concen: 145.758 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.017 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

Tgt Ion:112 Resp: 586489
Ion Ratio Lower Upper
112 100
64 65.1 49.2 73.8
63 36.6 27.5 41.3

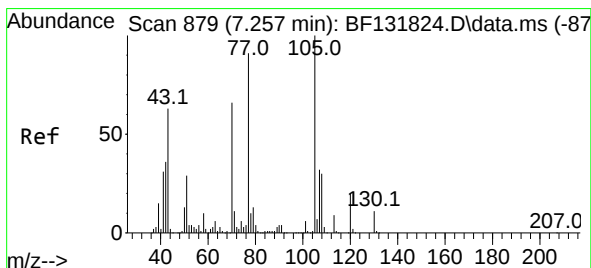
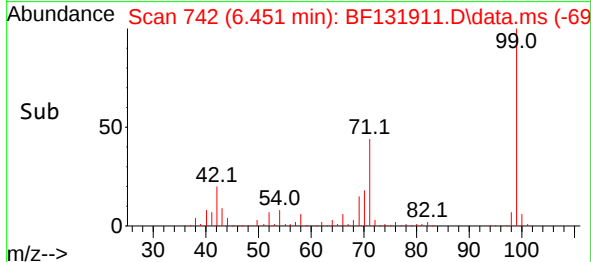
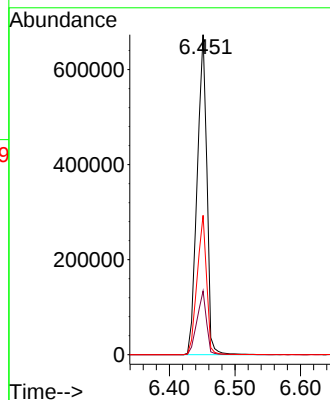
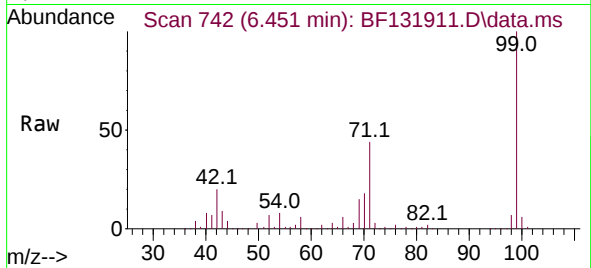




#7
Phenol-d6
Concen: 131.439 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

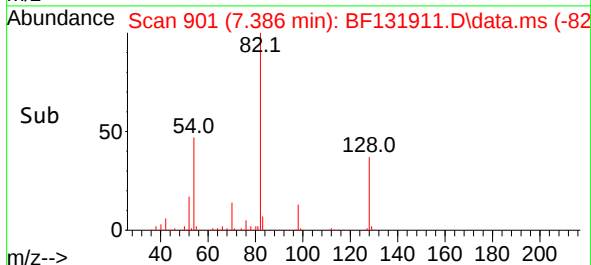
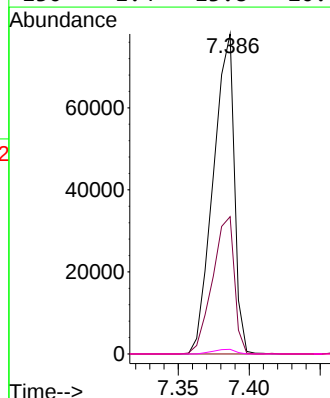
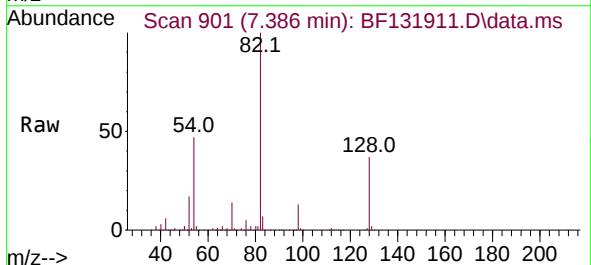
Instrument :
BNA_F
ClientSampleId :
TP-C3

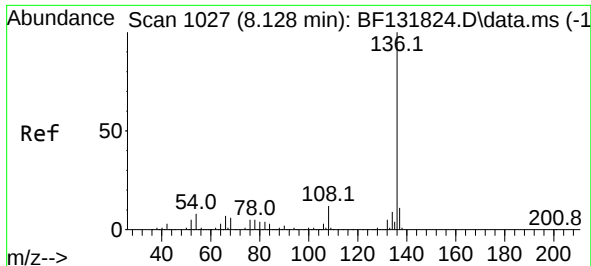
Tgt Ion: 99 Resp: 694843
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 43.5 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.520 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

Tgt Ion: 70 Resp: 80344
Ion Ratio Lower Upper
70 100
42 42.9 43.8 65.6#
101 0.0 7.4 11.0#
130 1.4 13.8 20.6#



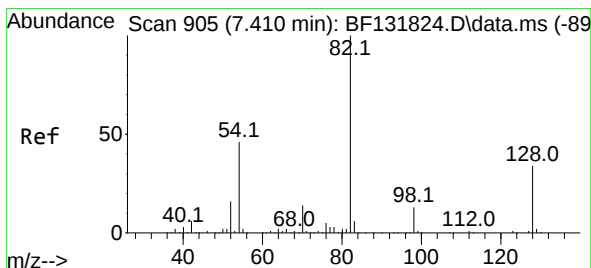
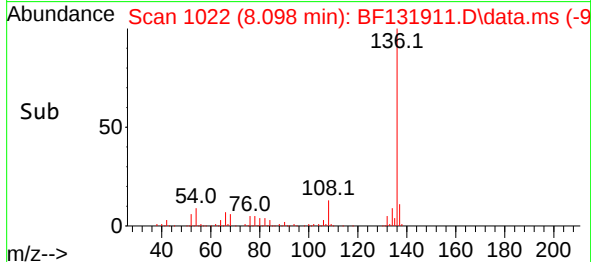
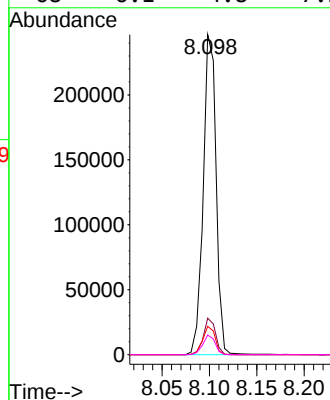
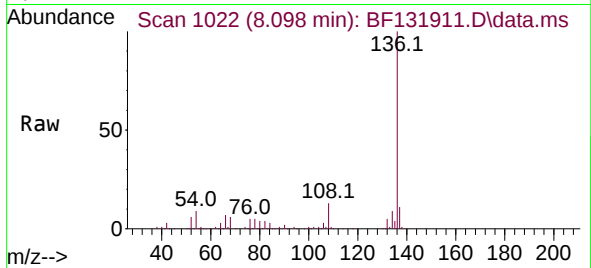


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

Instrument :
BNA_F
ClientSampleId :
TP-C3

Tgt Ion:136 Resp: 232606

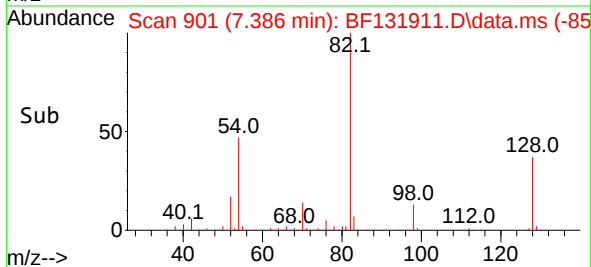
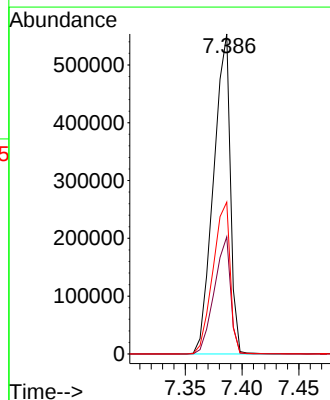
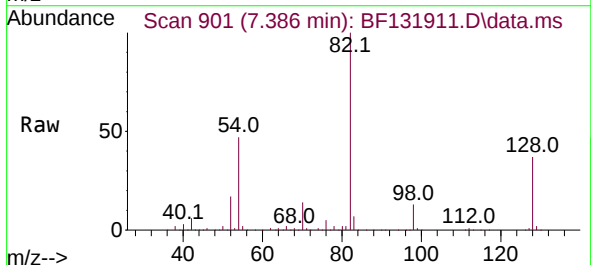
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.8	6.7	10.1
68	6.1	4.8	7.2

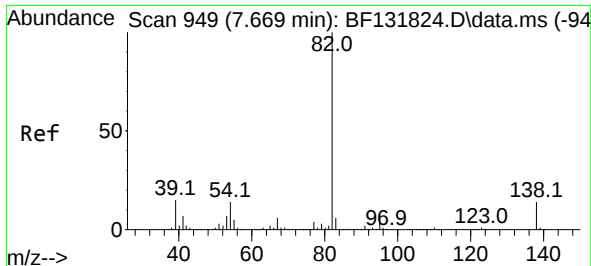


#23
Nitrobenzene-d5
Concen: 97.669 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

Tgt Ion: 82 Resp: 569020

Ion	Ratio	Lower	Upper
82	100		
128	36.6	27.1	40.7
54	47.5	37.0	55.6

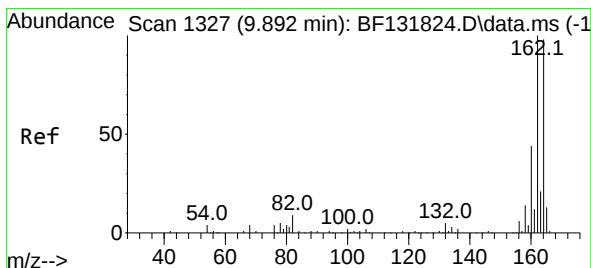
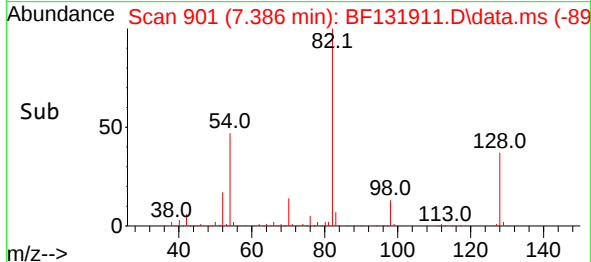
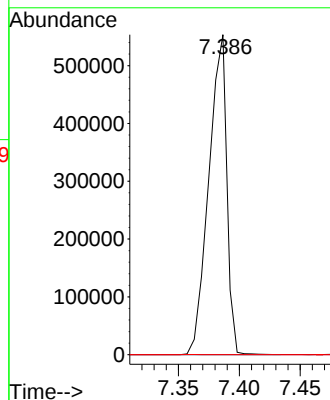
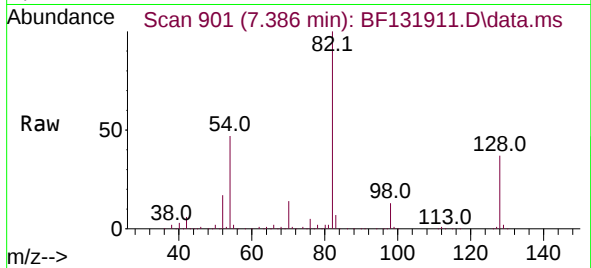




#25
Isophorone
Concen: 59.806 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

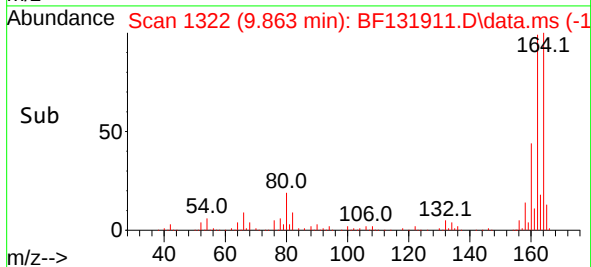
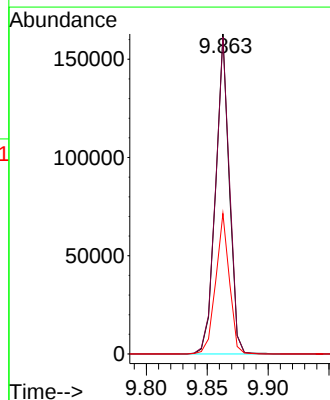
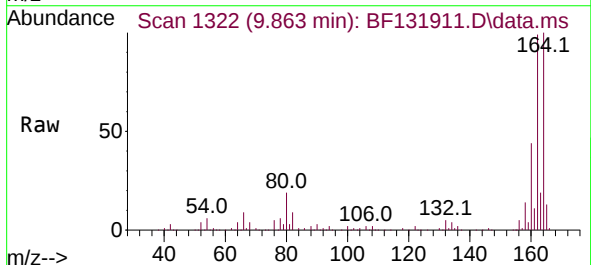
Instrument :
BNA_F
ClientSampleId :
TP-C3

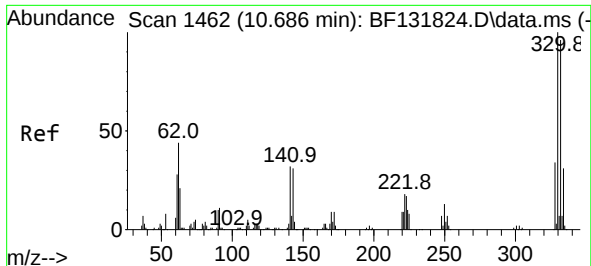
Tgt Ion: 82 Resp: 569012
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

Tgt Ion:164 Resp: 126984
Ion Ratio Lower Upper
164 100
162 99.0 81.8 122.6
160 43.9 35.7 53.5

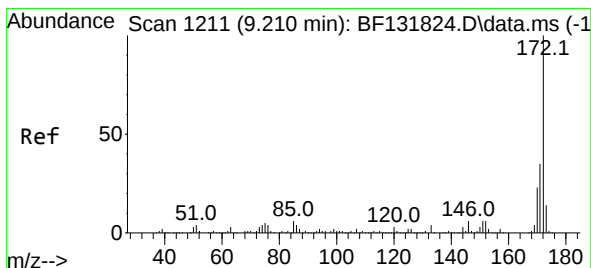
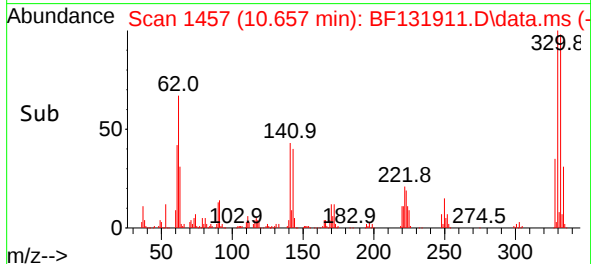
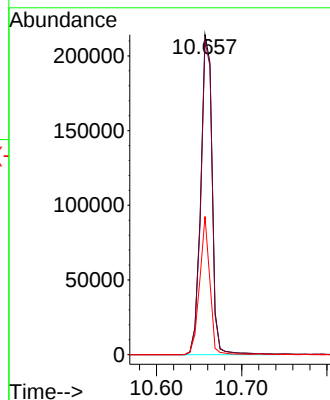
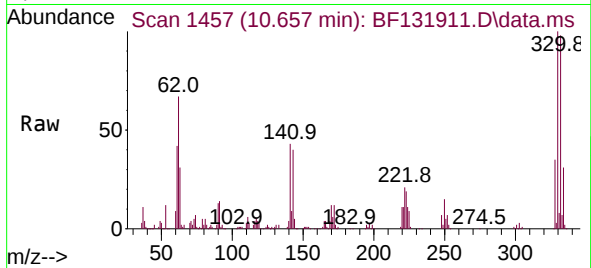




#42
2,4,6-Tribromophenol
Concen: 144.240 ng
RT: 10.657 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

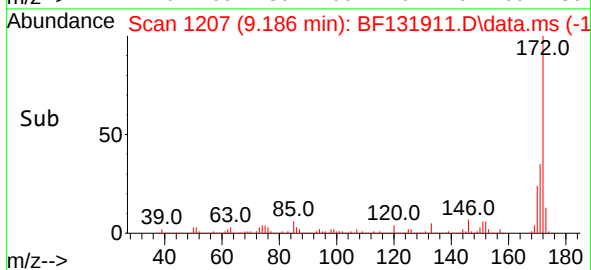
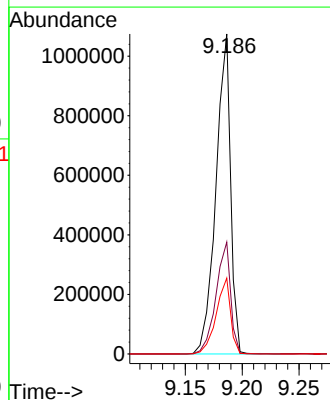
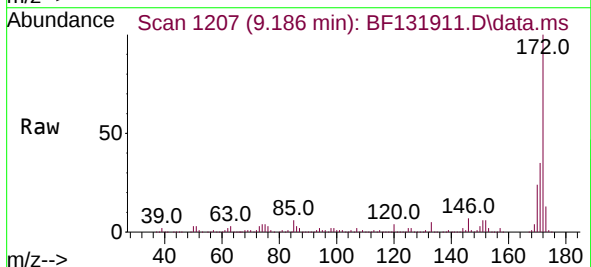
Instrument :
BNA_F
ClientSampleId :
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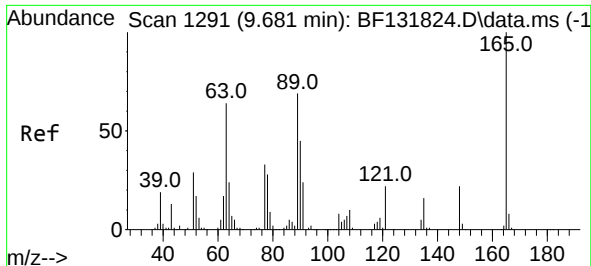
Tgt Ion:330 Resp: 199006
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.4
141 38.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 104.041 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

Tgt Ion:172 Resp: 964539
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.7 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.924 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF131911.D

Acq: 04 Jan 2023 21:55

Instrument :

BNA_F

ClientSampleId :

TP-C3

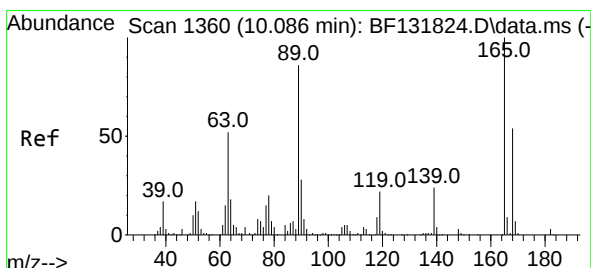
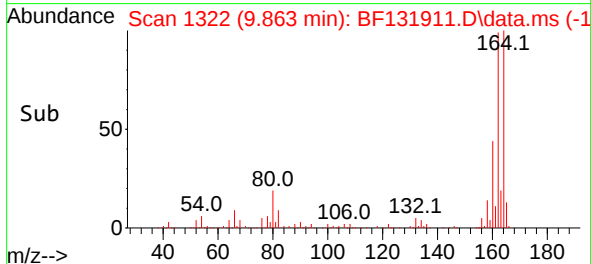
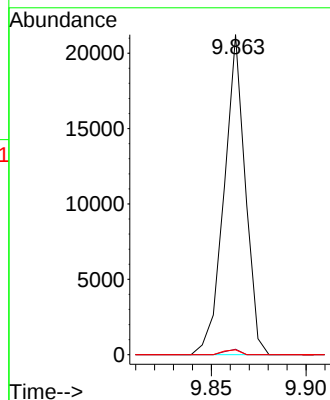
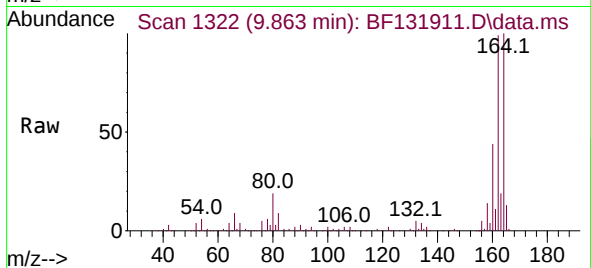
Tgt Ion:165 Resp: 16480

Ion Ratio Lower Upper

165 100

63 1.7 55.1 82.7#

89 1.5 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.795 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.206 min

Lab File: BF131911.D

Acq: 04 Jan 2023 21:55

Tgt Ion:165 Resp: 16480

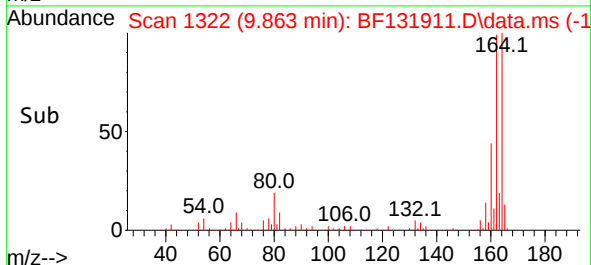
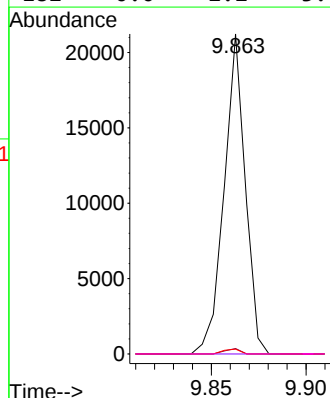
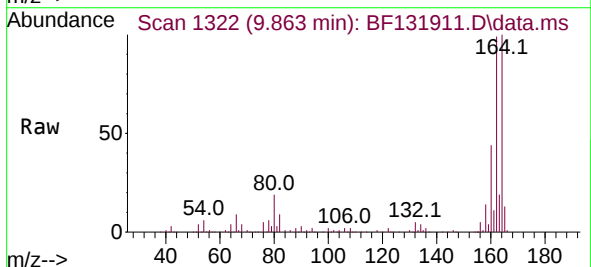
Ion Ratio Lower Upper

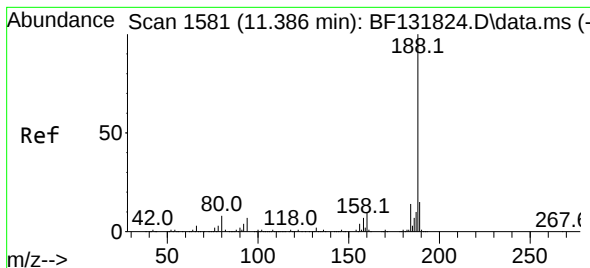
165 100

63 1.7 42.1 63.1#

89 1.5 69.1 103.7#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131911.D

Acq: 04 Jan 2023 21:55

Instrument :

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ClientSampleId :

TP-C3

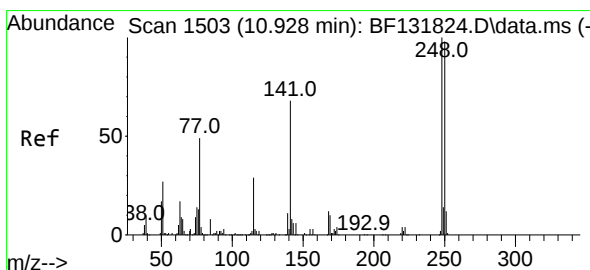
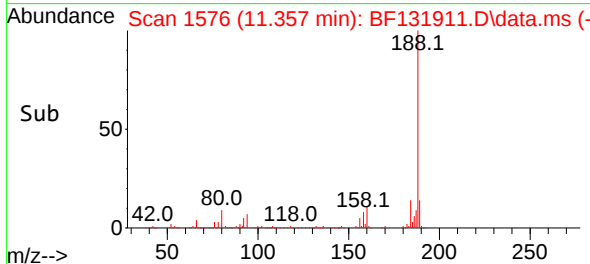
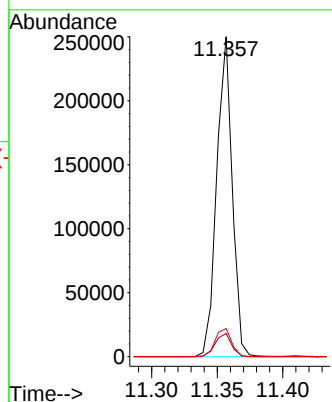
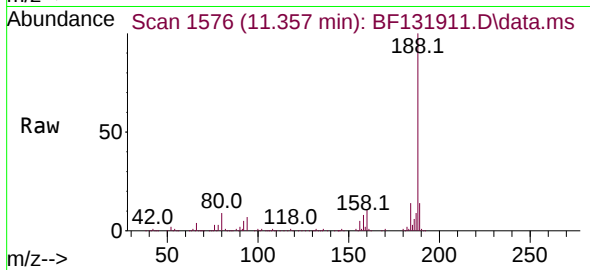
Tgt Ion:188 Resp: 205268

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 8.8 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 5.804 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF131911.D

Acq: 04 Jan 2023 21:55

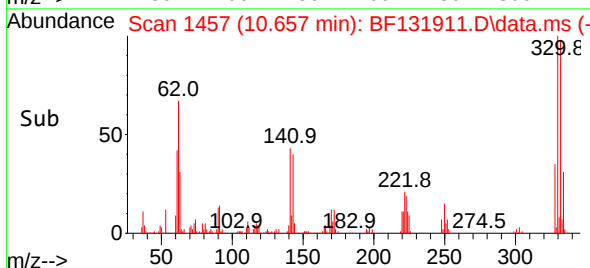
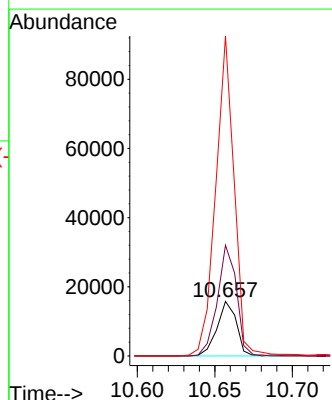
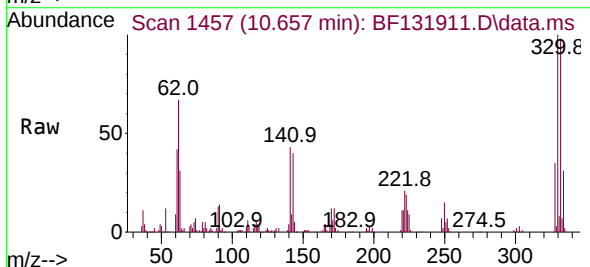
Tgt Ion:248 Resp: 13809

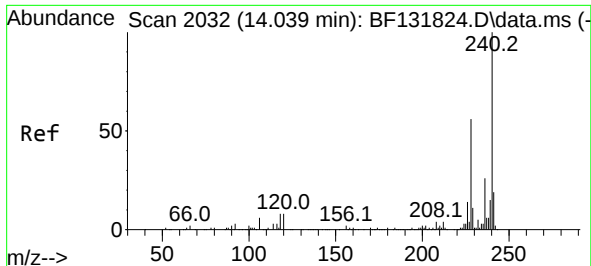
Ion Ratio Lower Upper

248 100

250 203.2 78.0 117.0#

141 587.1 54.8 82.2#

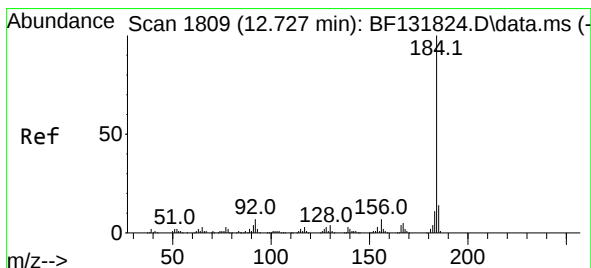
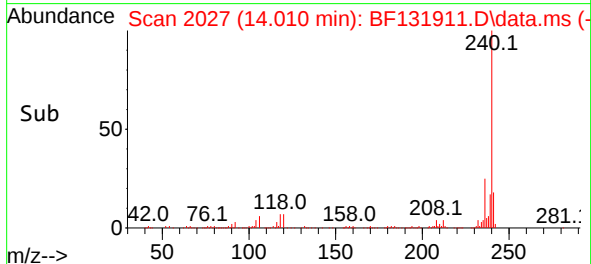
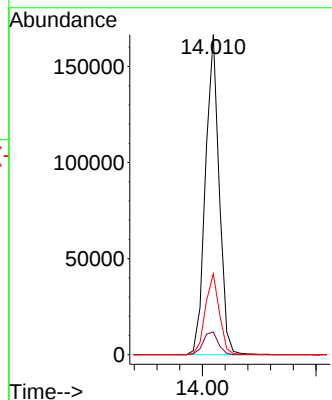
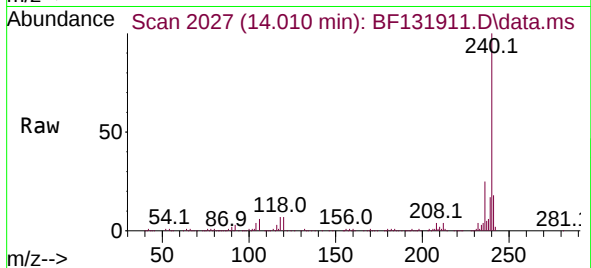




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

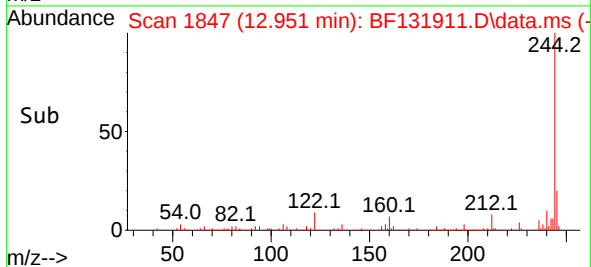
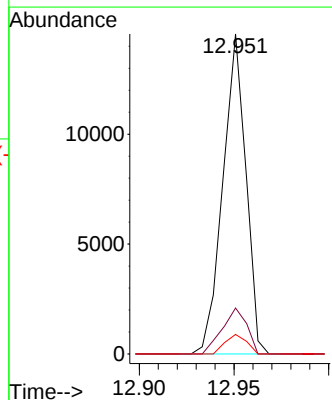
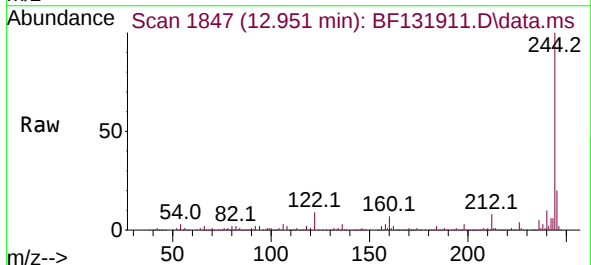
Instrument :
BNA_F
ClientSampleId :
TP-C3

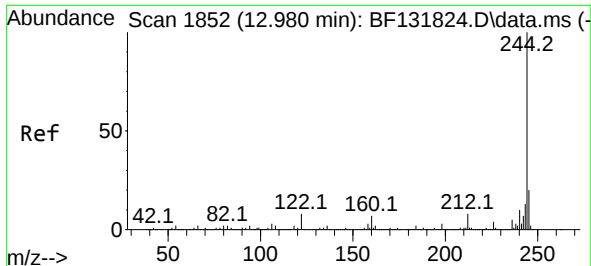
Tgt Ion:240 Resp: 139367
Ion Ratio Lower Upper
240 100
120 7.1 6.7 10.1
236 25.3 20.6 31.0



#77
Benzidine
Concen: 5.371 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF131911.D
Acq: 04 Jan 2023 21:55

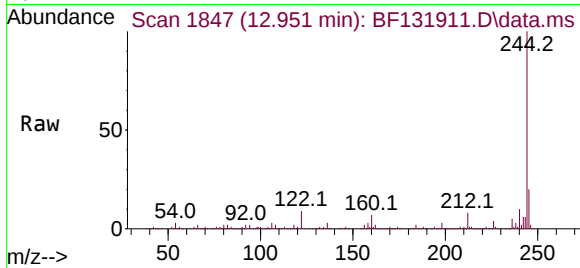
Tgt Ion:184 Resp: 12302
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 6.1 9.0 13.4#



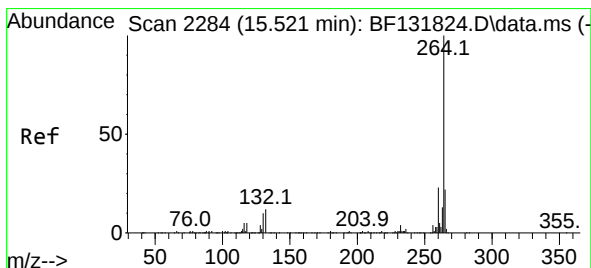
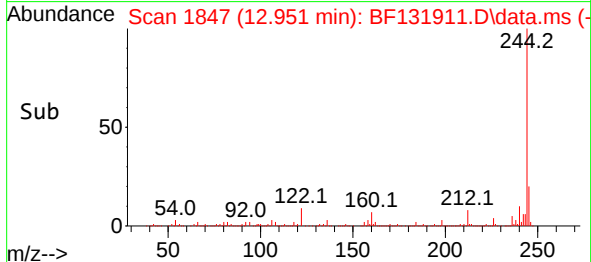
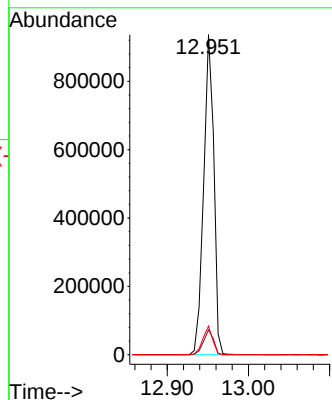


#79
 Terphenyl-d14
 Concen: 98.918 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF131911.D
 Acq: 04 Jan 2023 21:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-C3



Tgt Ion:	244	Resp:	815002
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.3	9.5
122	8.9	6.4	9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF131911.D
 Acq: 04 Jan 2023 21:55

Tgt Ion:	264	Resp:	159921
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.6	28.0
265	22.0	17.4	26.0

