

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131843.D
 Acq On : 27 Dec 2022 18:29
 Operator : CG\JU
 Sample : N6190-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-3

Quant Time: Dec 28 00:38:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

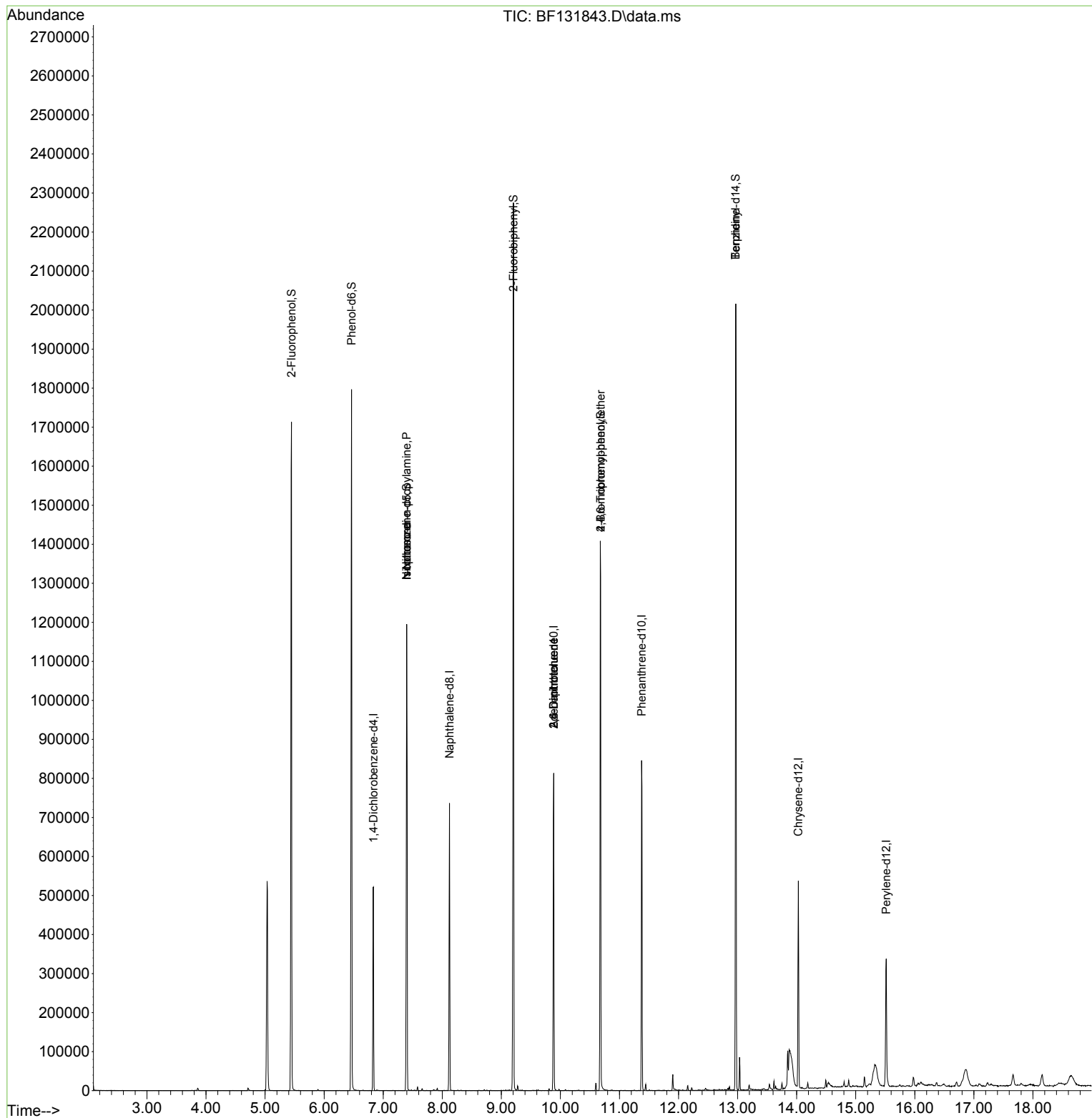
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	75816	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	275774	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	159329	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	310787	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	161376	20.000	ng	-0.01
86) Perylene-d12	15.515	264	152257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	437726	95.680	ng	0.00
7) Phenol-d6	6.463	99	569393	94.732	ng	0.00
23) Nitrobenzene-d5	7.398	82	403133	58.364	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	157703	91.099	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	653178	56.153	ng	0.00
79) Terphenyl-d14	12.969	244	679891	71.265	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	54607	12.864	ng	# 79
25) Isophorone	7.398	82	401300	35.576	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	20011	7.669	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	20011	5.608	ng	# 16
67) 4-Bromophenyl-phenylether	10.681	248	11049	3.067	ng	# 1
77) Benzidine	12.969	184	10001	3.771	ng	# 91

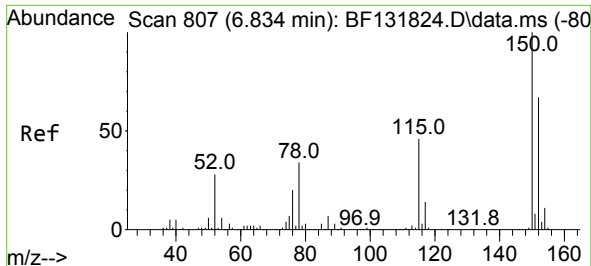
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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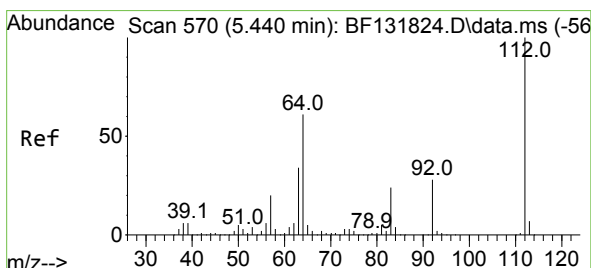
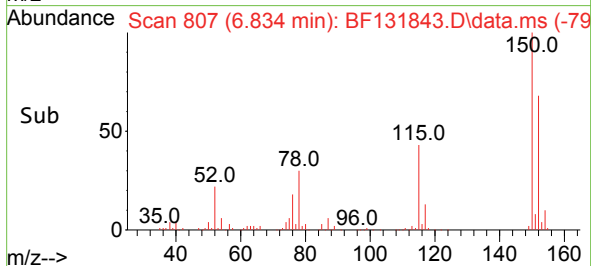
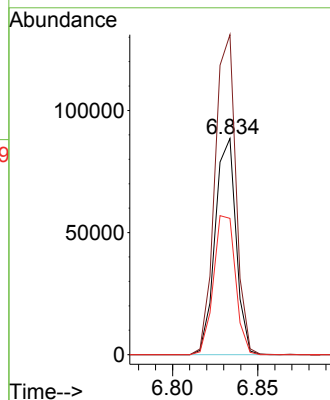
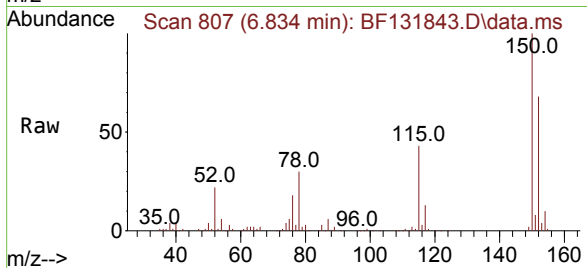




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

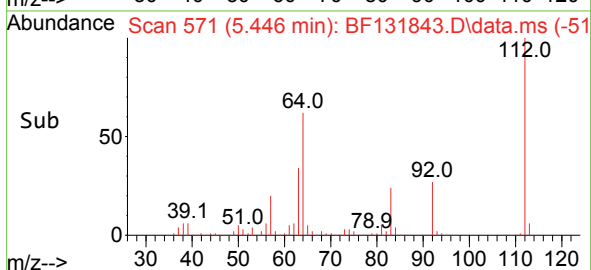
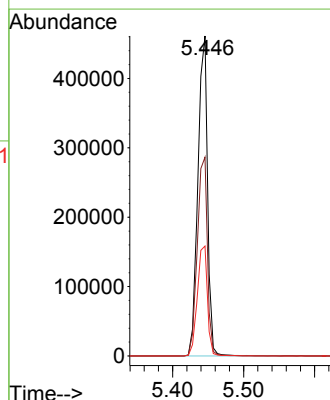
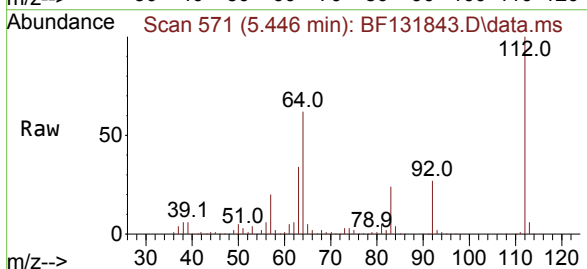
Instrument :
BNA_F
ClientSampleId :
LOCATION-3

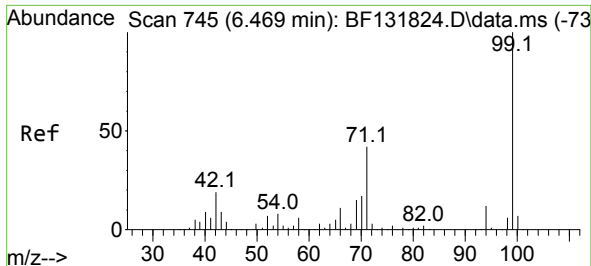
Tgt Ion:152 Resp: 75816
Ion Ratio Lower Upper
152 100
150 148.1 120.0 180.0
115 63.1 55.1 82.7



#5
2-Fluorophenol
Concen: 95.680 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

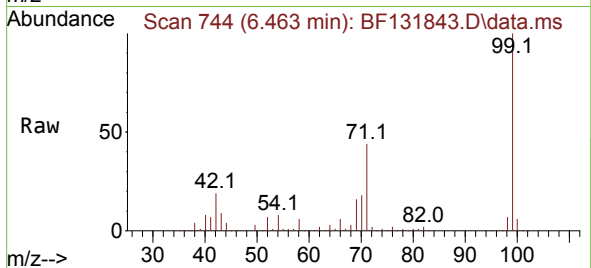
Tgt Ion:112 Resp: 437726
Ion Ratio Lower Upper
112 100
64 62.1 49.2 73.8
63 34.4 27.5 41.3



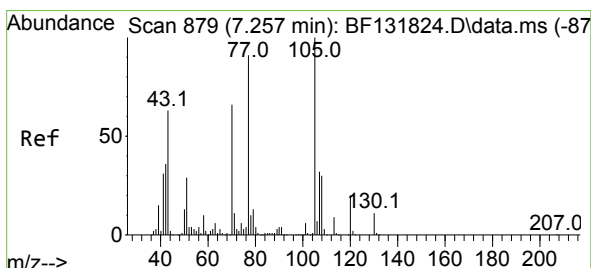
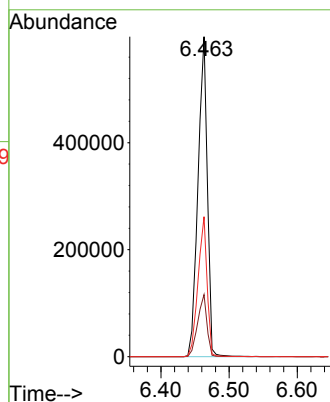
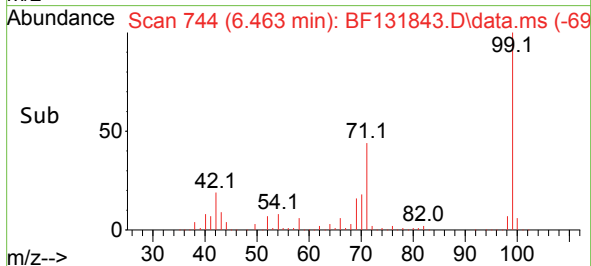


#7
Phenol-d6
Concen: 94.732 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

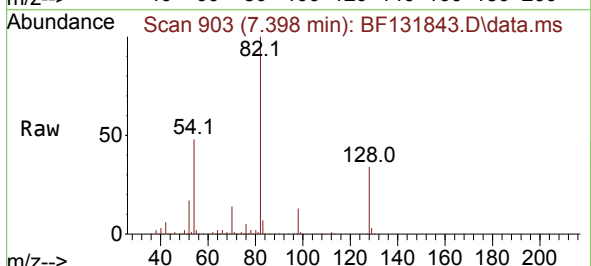
Instrument :
BNA_F
ClientSampleId :
LOCATION-3



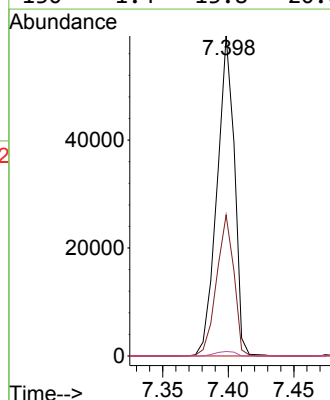
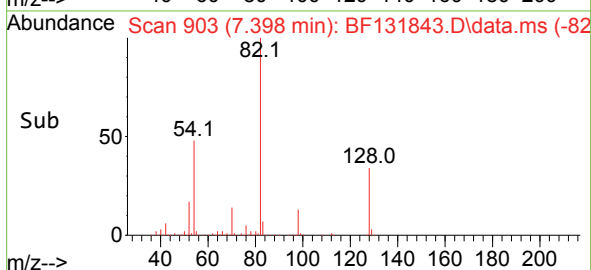
Tgt Ion: 99 Resp: 569393
Ion Ratio Lower Upper
99 100
42 19.4 15.3 22.9
71 43.7 33.5 50.3

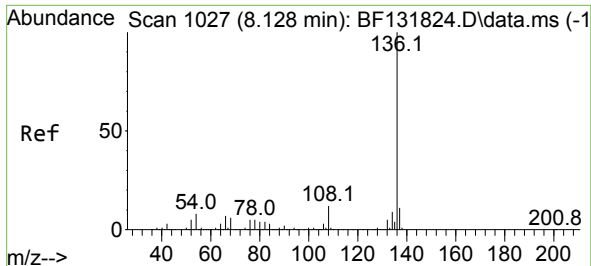


#19
n-Nitroso-di-n-propylamine
Concen: 12.864 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29



Tgt Ion: 70 Resp: 54607
Ion Ratio Lower Upper
70 100
42 44.1 43.8 65.6
101 0.0 7.4 11.0#
130 1.4 13.8 20.6#



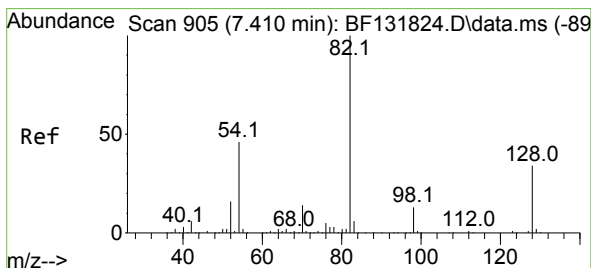
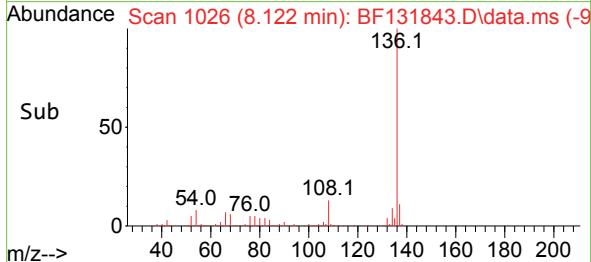
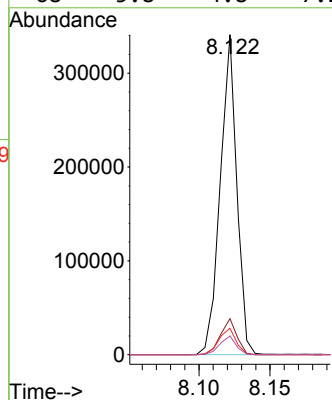
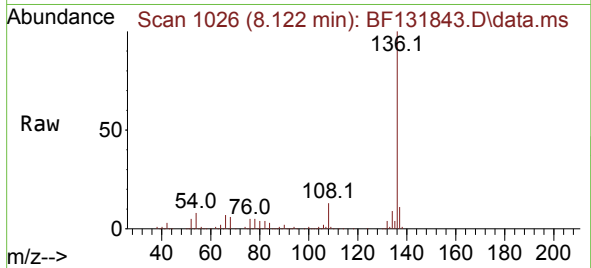


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

Instrument :
BNA_F
ClientSampleId :
LOCATION-3

Tgt Ion:136 Resp: 275774

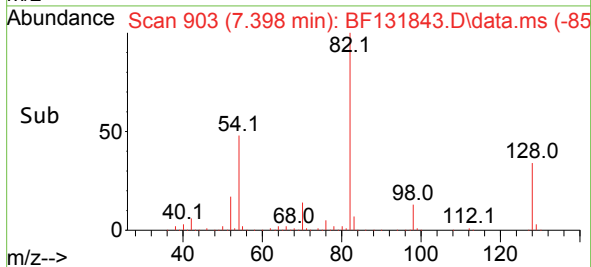
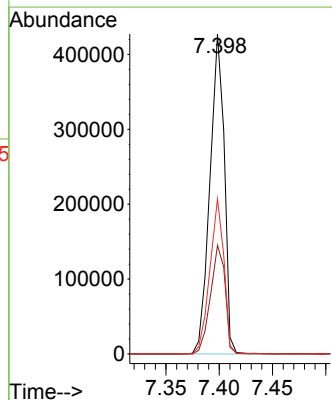
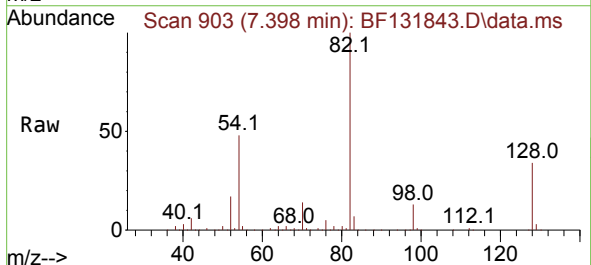
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.3	6.7	10.1
68	5.8	4.8	7.2

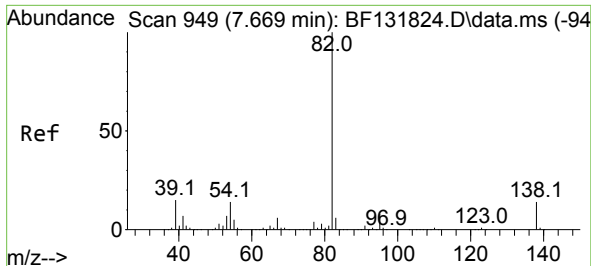


#23
Nitrobenzene-d5
Concen: 58.364 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

Tgt Ion: 82 Resp: 403133

Ion	Ratio	Lower	Upper
82	100		
128	33.9	27.1	40.7
54	48.4	37.0	55.6

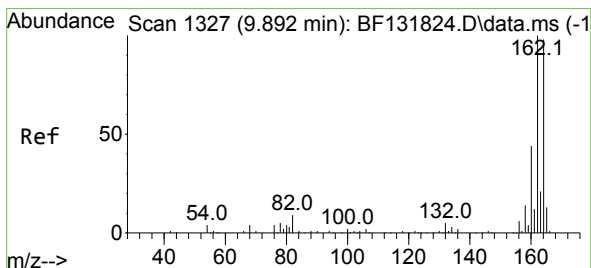
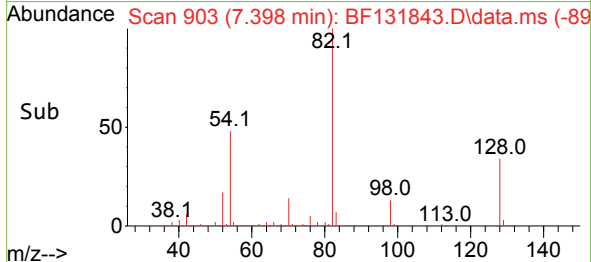
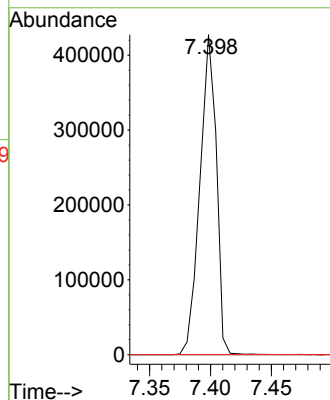
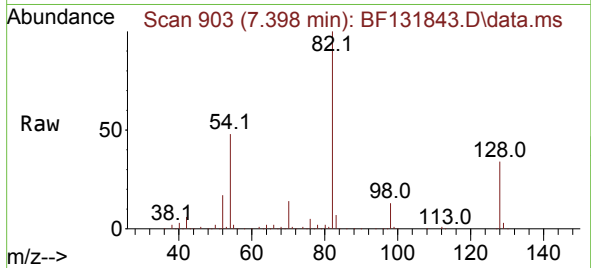




#25
Isophorone
Concen: 35.576 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

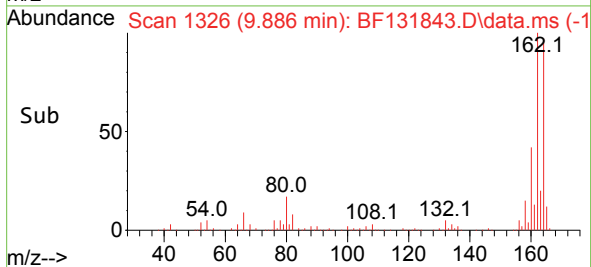
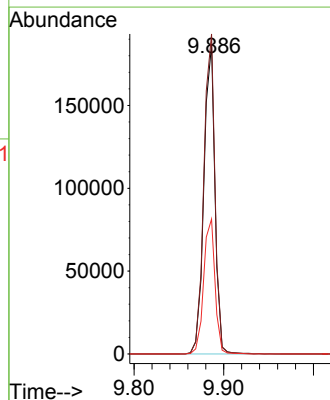
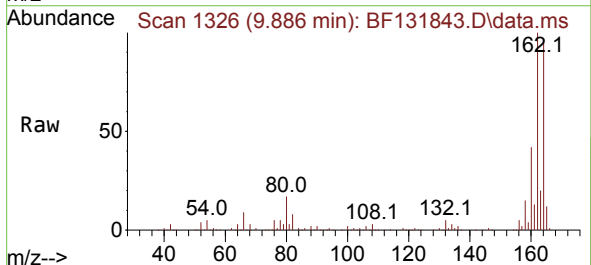
Instrument :
BNA_F
ClientSampleId :
LOCATION-3

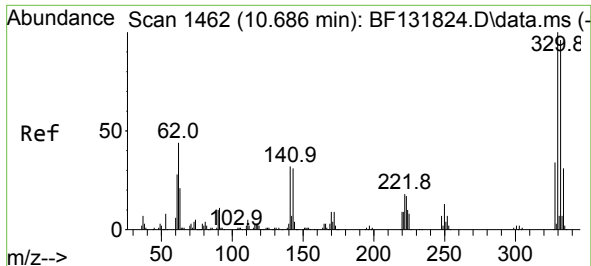
Tgt Ion: 82 Resp: 401300
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

Tgt Ion:164 Resp: 159329
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 43.7 35.7 53.5

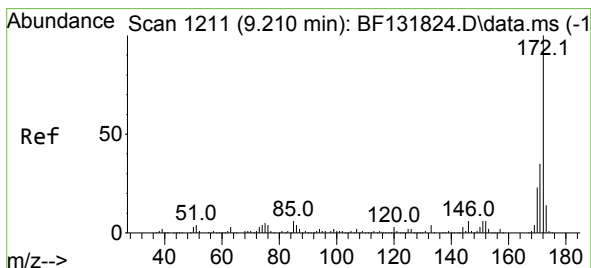
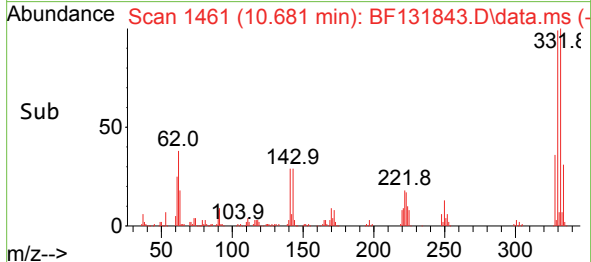
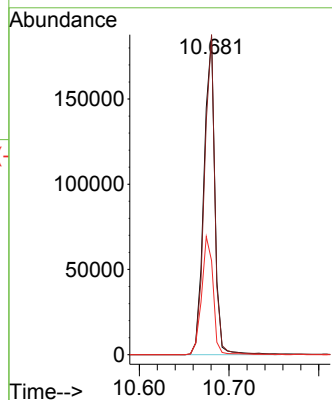
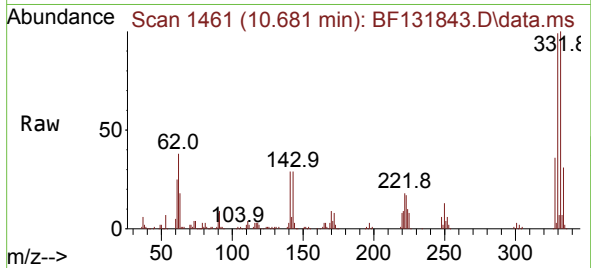




#42
2,4,6-Tribromophenol
Concen: 91.099 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

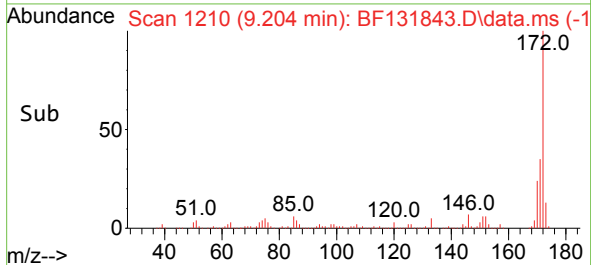
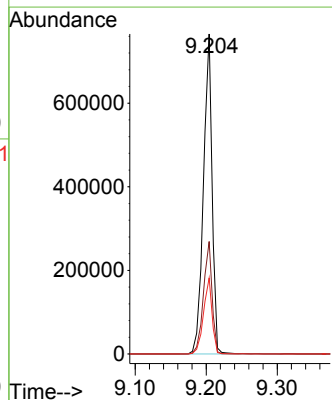
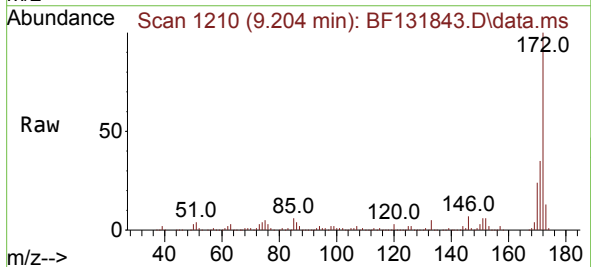
Instrument :
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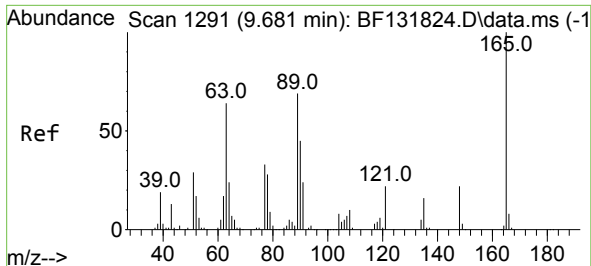
Tgt Ion:330 Resp: 157703
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 39.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 56.153 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

Tgt Ion:172 Resp: 653178
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.7 18.7 28.1

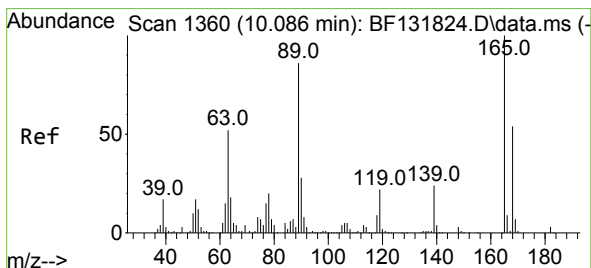
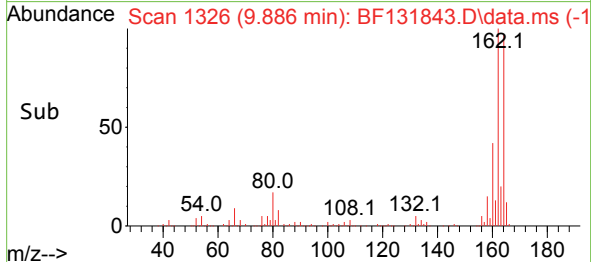
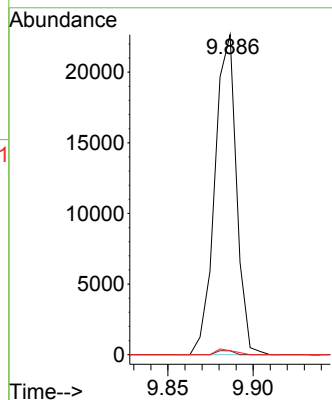
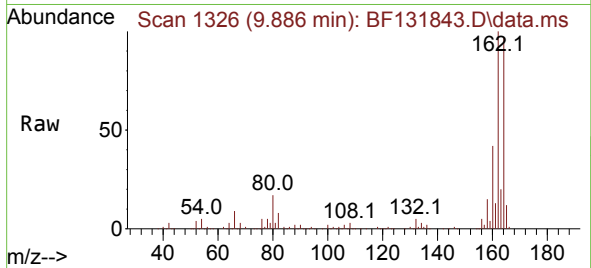




#51
2,6-Dinitrotoluene
Concen: 7.669 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

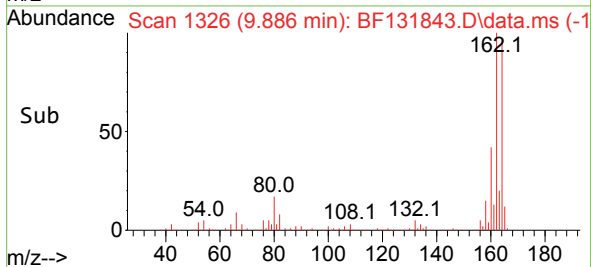
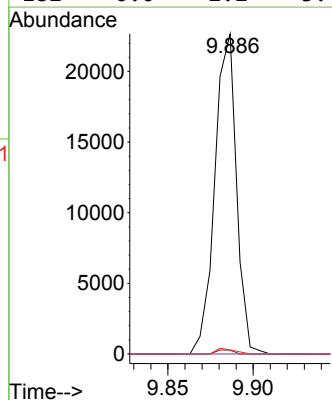
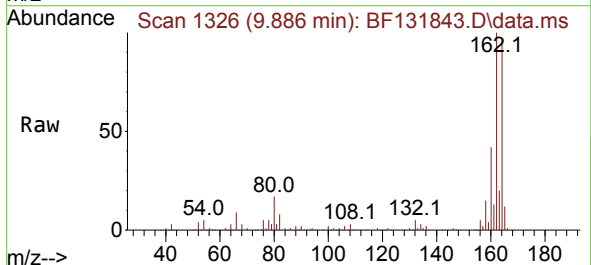
Instrument :
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ClientSampleId :
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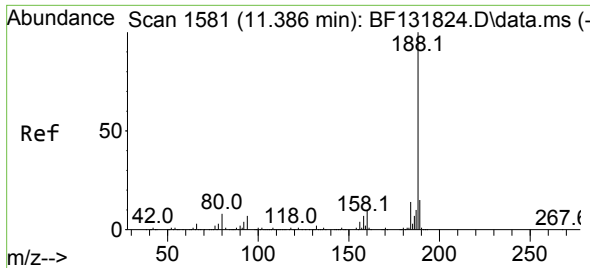
Tgt Ion:165 Resp: 20011
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 1.2 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.608 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

Tgt Ion:165 Resp: 20011
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 1.2 69.1 103.7#
182 0.0 2.2 3.4#

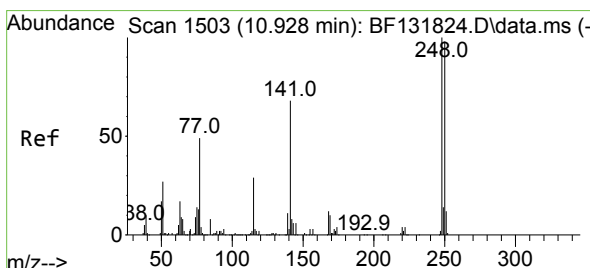
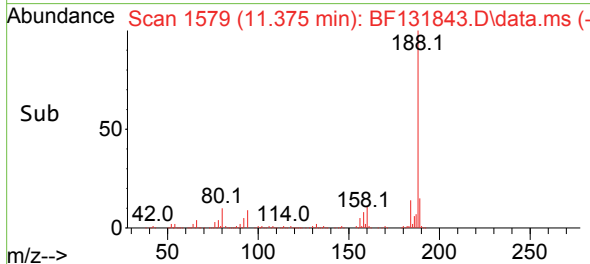
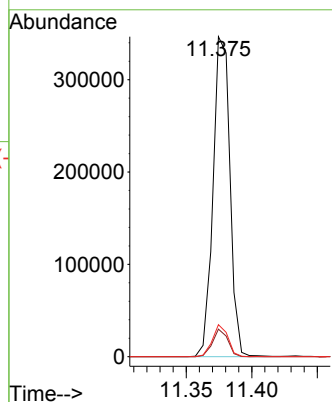
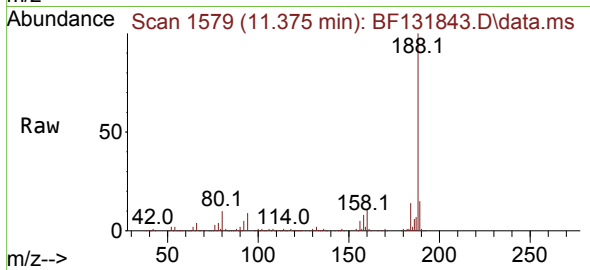




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

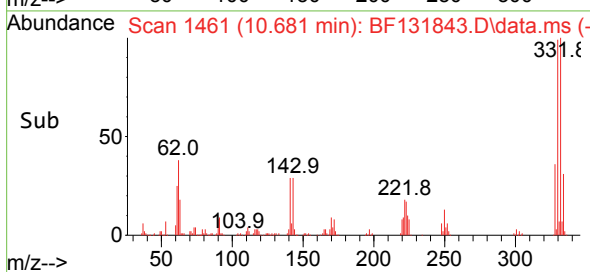
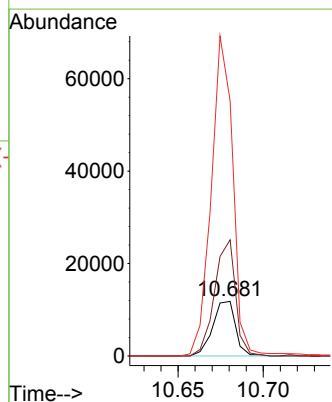
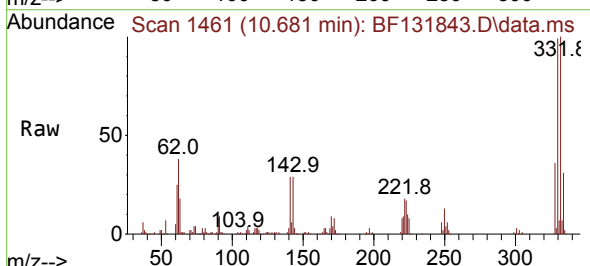
Instrument :
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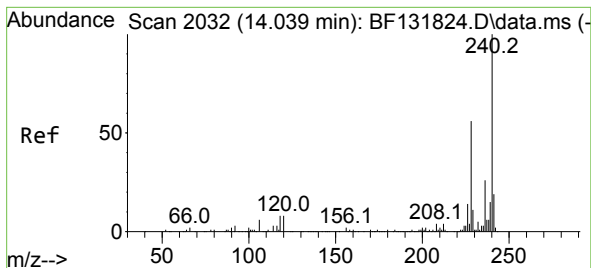
Tgt Ion:188 Resp: 310787
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.6
80 10.0 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 3.067 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF131843.D
Acq: 27 Dec 2022 18:29

Tgt Ion:248 Resp: 11049
Ion Ratio Lower Upper
248 100
250 212.6 78.0 117.0#
141 466.8 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF131843.D

Acq: 27 Dec 2022 18:29

Instrument :

BNA_F

ClientSampleId :

LOCATION-3

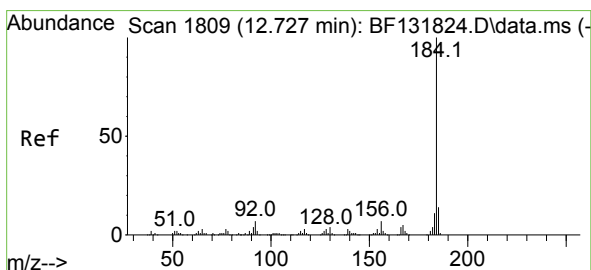
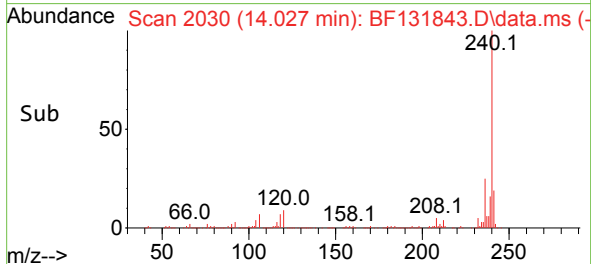
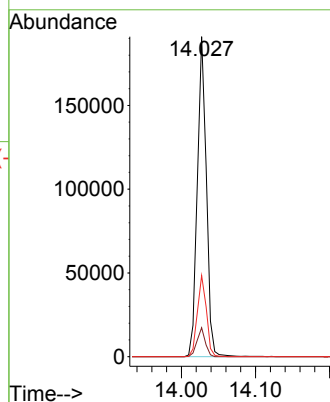
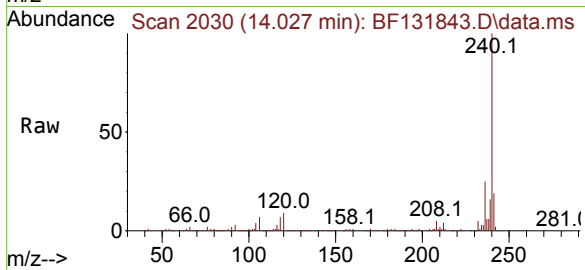
Tgt Ion:240 Resp: 161376

Ion Ratio Lower Upper

240 100

120 9.0 6.7 10.1

236 25.3 20.6 31.0



#77

Benzidine

Concen: 3.771 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.241 min

Lab File: BF131843.D

Acq: 27 Dec 2022 18:29

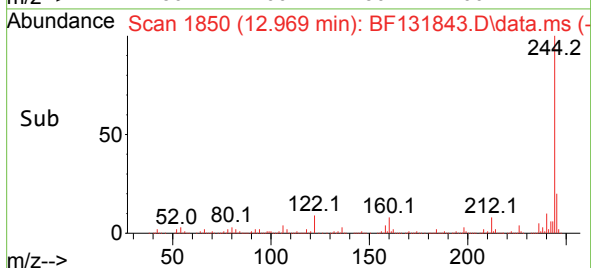
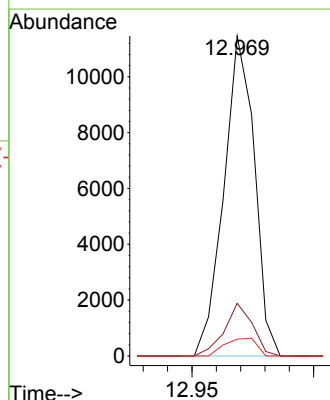
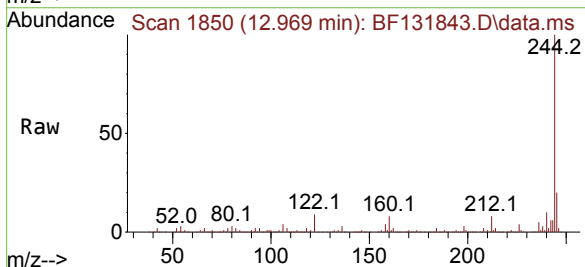
Tgt Ion:184 Resp: 10001

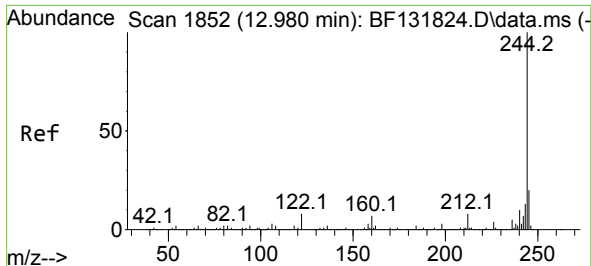
Ion Ratio Lower Upper

184 100

185 16.4 11.6 17.4

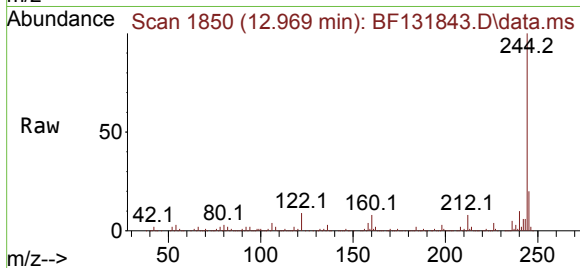
183 5.2 9.0 13.4#



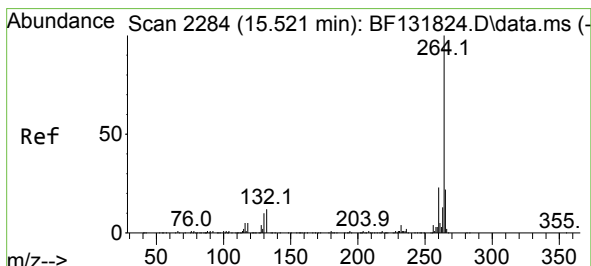
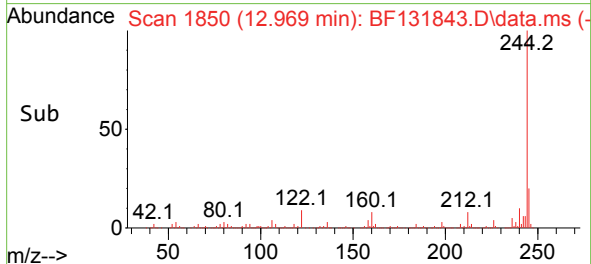
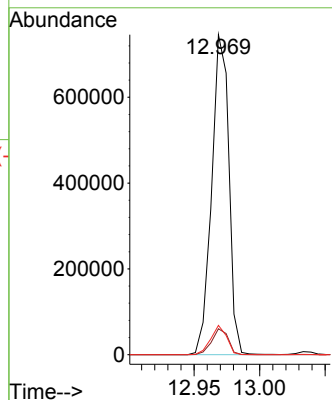


#79
 Terphenyl-d14
 Concen: 71.265 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF131843.D
 Acq: 27 Dec 2022 18:29

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-3



Tgt Ion:244 Resp: 679891
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.2 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF131843.D
 Acq: 27 Dec 2022 18:29

Tgt Ion:264 Resp: 152257
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 20.9 17.4 26.0

