

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131850.D
 Acq On : 27 Dec 2022 22:07
 Operator : CG\JU
 Sample : N6201-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-1

Quant Time: Dec 28 00:42:45 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)

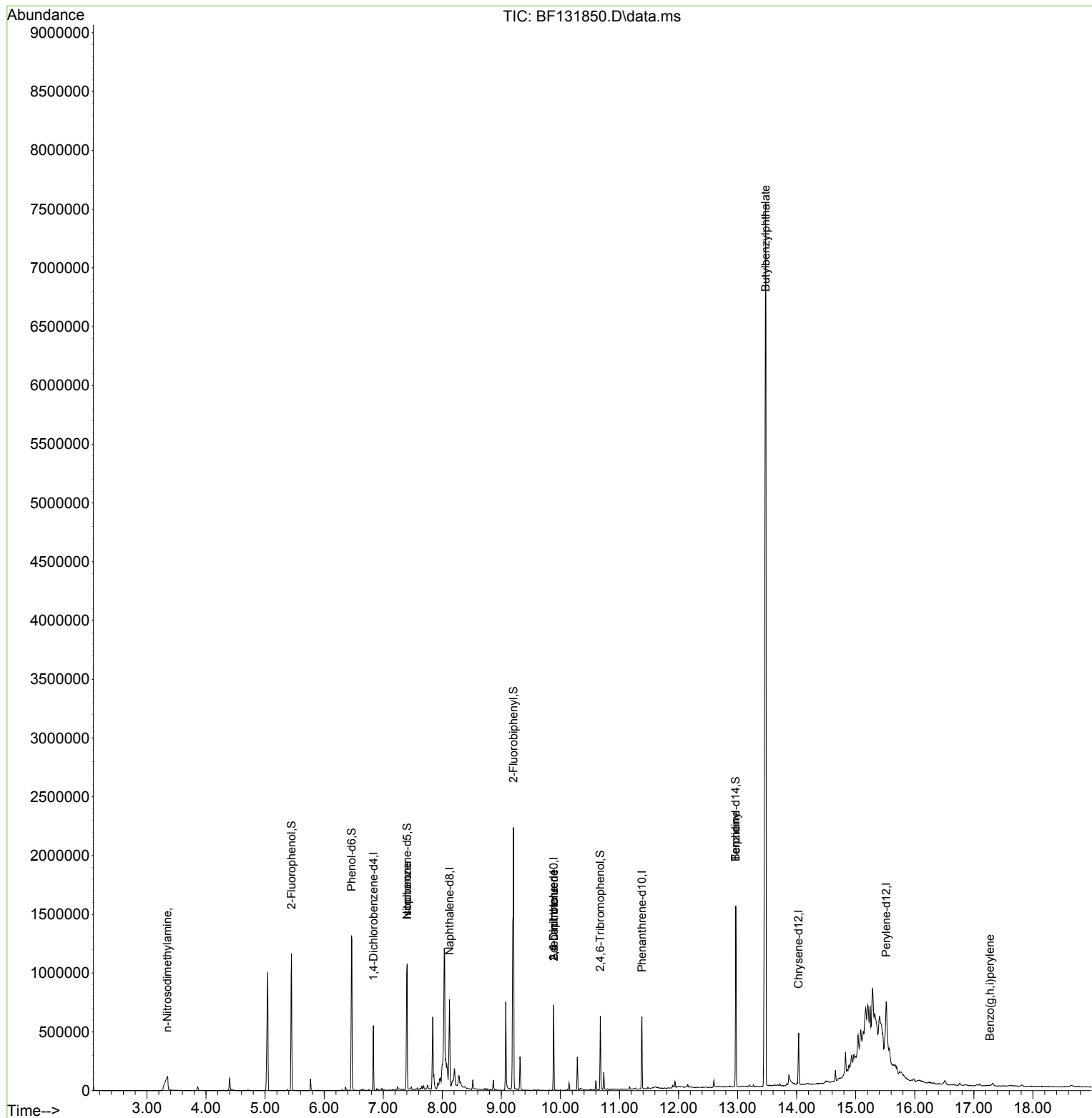
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	72277	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	245291	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	134159	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	217574	20.000	ng	0.00
76) Chrysene-d12	14.033	240	134419	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	142163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	291075	66.740	ng	0.00
7) Phenol-d6	6.463	99	468127	81.698	ng	0.00
23) Nitrobenzene-d5	7.404	82	364390	59.311	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	60286	41.359	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	617298	63.025	ng	0.00
79) Terphenyl-d14	12.969	244	483140	60.798	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.346	42	10510	3.931	ng	# 1
25) Isophorone	7.404	82	363252	36.205	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	17373	7.907	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	17373	5.782	ng	# 17
77) Benzidine	12.969	184	7640	3.459	ng	# 92
80) Butylbenzylphthalate	13.474	149	2732185	653.810	ng	99
92) Benzo(g,h,i)perylene	17.274	276	62	5.254	ng	# 56

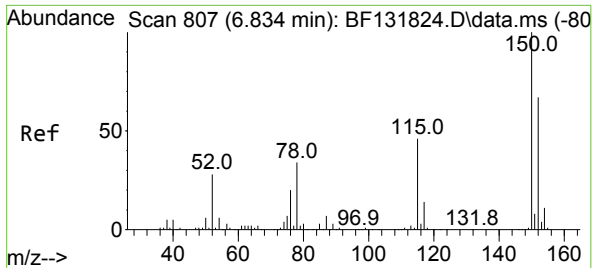
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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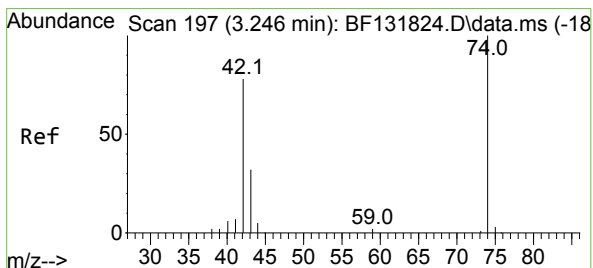
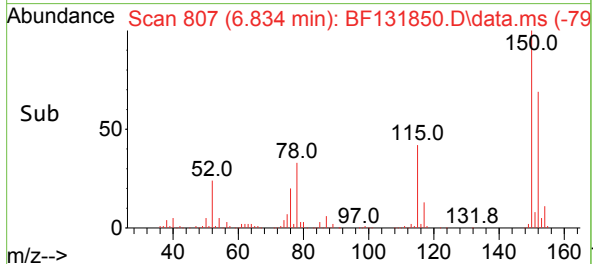
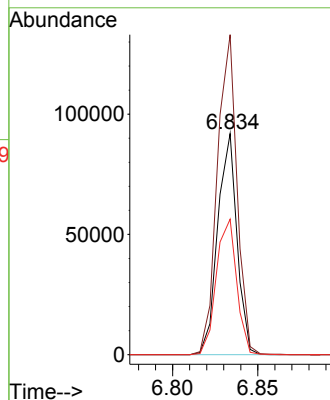
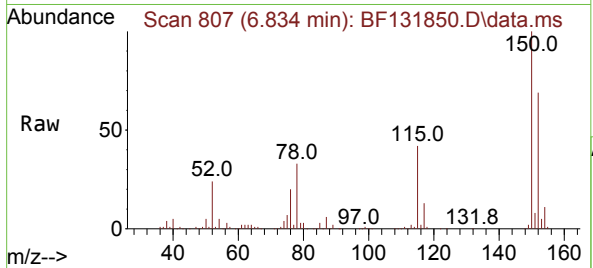




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

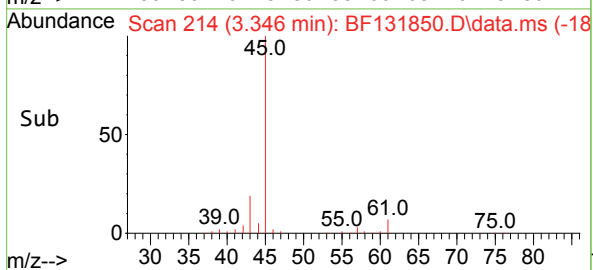
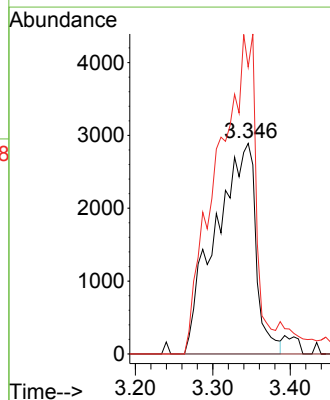
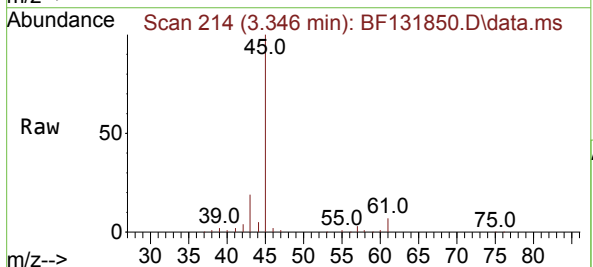
Instrument :
BNA_F
ClientSampleId :
WALL-1

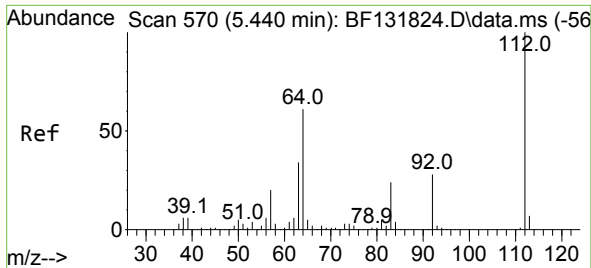
Tgt Ion:152 Resp: 72277
Ion Ratio Lower Upper
152 100
150 144.7 120.0 180.0
115 61.3 55.1 82.7



#4
n-Nitrosodimethylamine
Concen: 3.931 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.100 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

Tgt Ion: 42 Resp: 10510
Ion Ratio Lower Upper
42 100
74 0.0 102.0 153.0#
44 136.2 4.6 7.0#

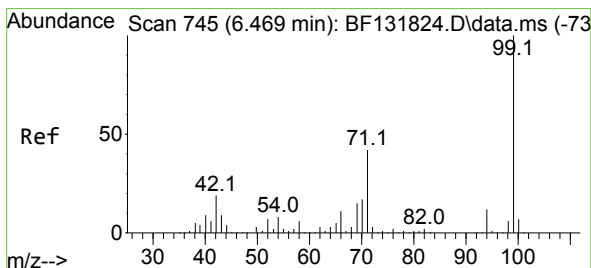
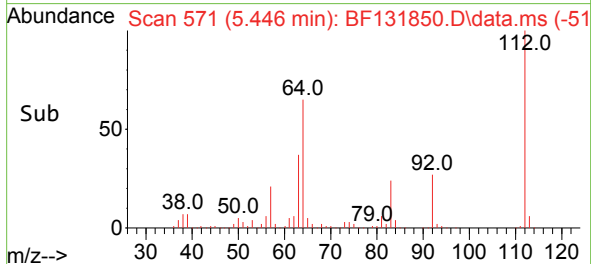
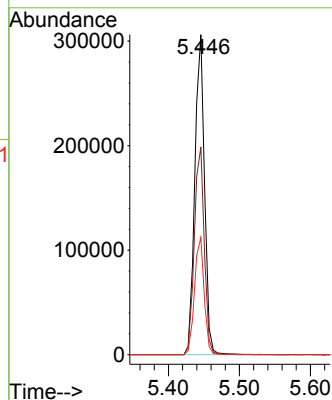
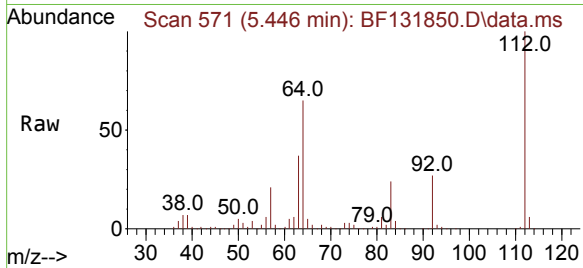




#5
2-Fluorophenol
Concen: 66.740 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

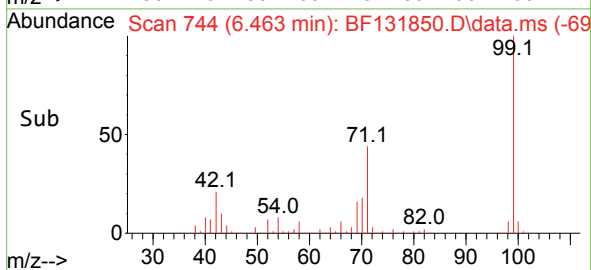
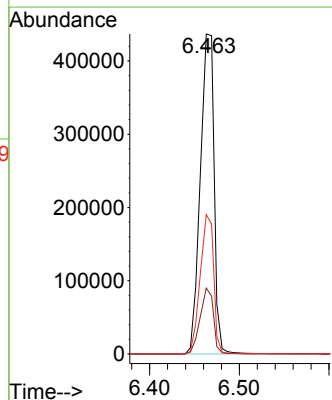
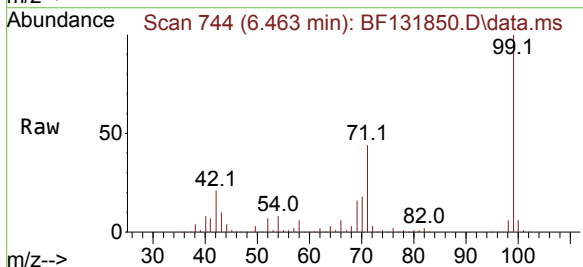
Instrument :
BNA_F
ClientSampleId :
WALL-1

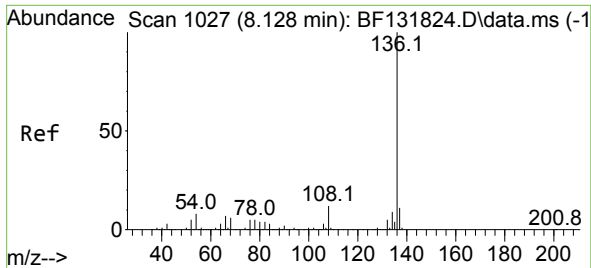
Tgt Ion:112 Resp: 291075
Ion Ratio Lower Upper
112 100
64 64.9 49.2 73.8
63 36.6 27.5 41.3



#7
Phenol-d6
Concen: 81.698 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

Tgt Ion: 99 Resp: 468127
Ion Ratio Lower Upper
99 100
42 20.6 15.3 22.9
71 43.5 33.5 50.3



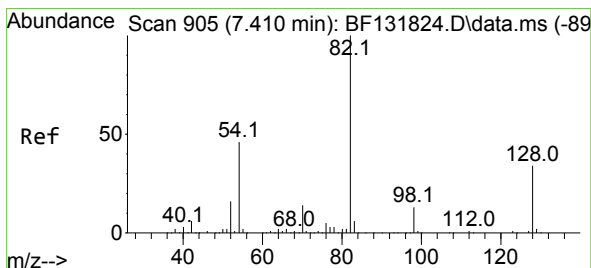
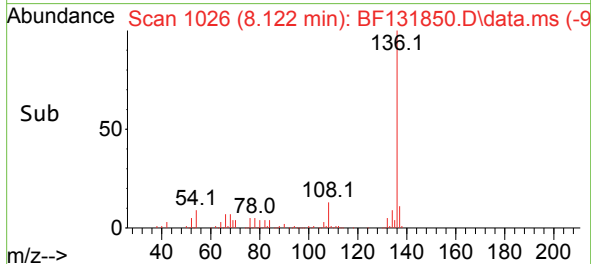
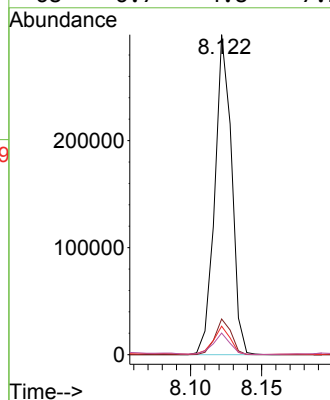
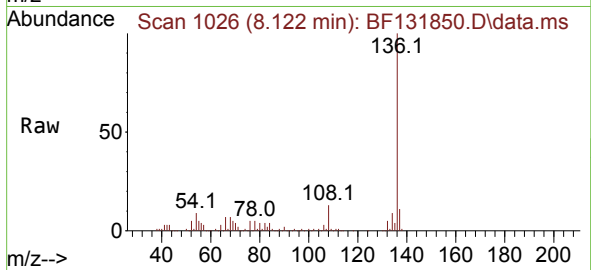


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

Instrument :
BNA_F
ClientSampleId :
WALL-1

Tgt Ion:136 Resp: 245291

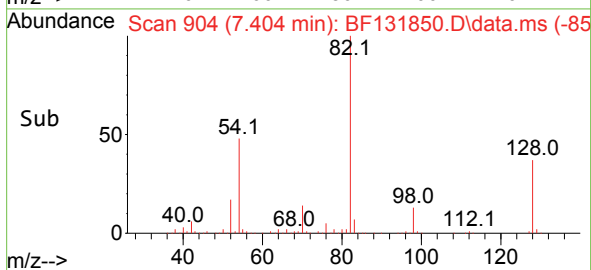
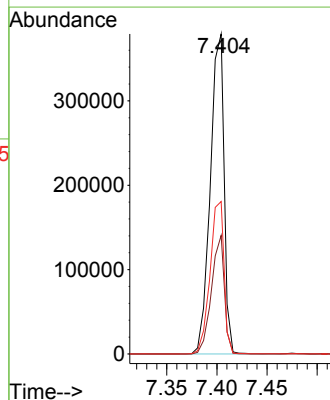
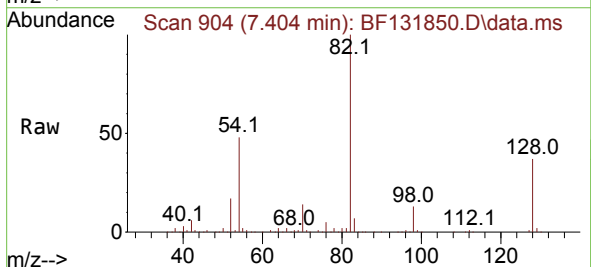
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.9	6.7	10.1
68	6.7	4.8	7.2

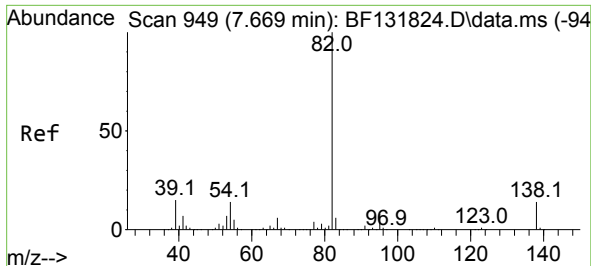


#23
Nitrobenzene-d5
Concen: 59.311 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

Tgt Ion: 82 Resp: 364390

Ion	Ratio	Lower	Upper
82	100		
128	37.1	27.1	40.7
54	47.6	37.0	55.6

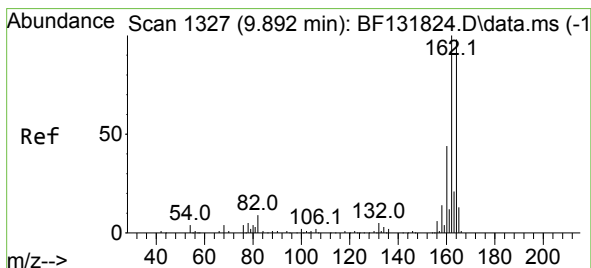
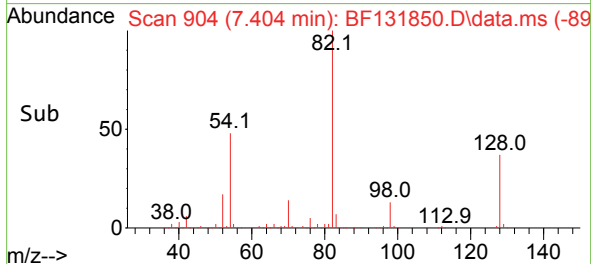
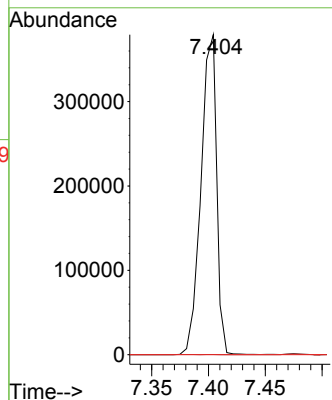
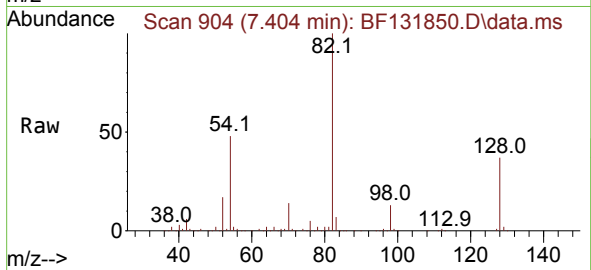




#25
Isophorone
Concen: 36.205 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

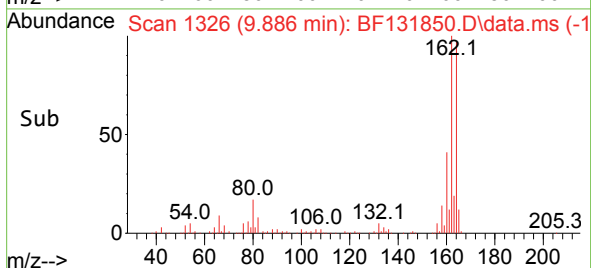
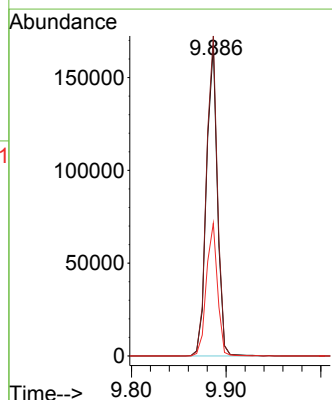
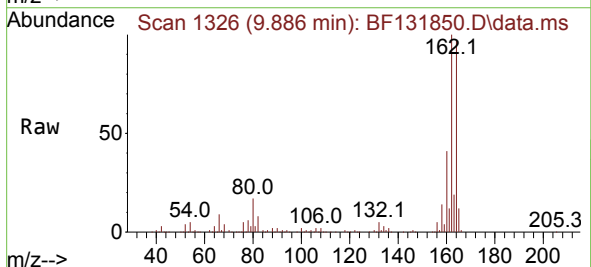
Instrument :
BNA_F
ClientSampleId :
WALL-1

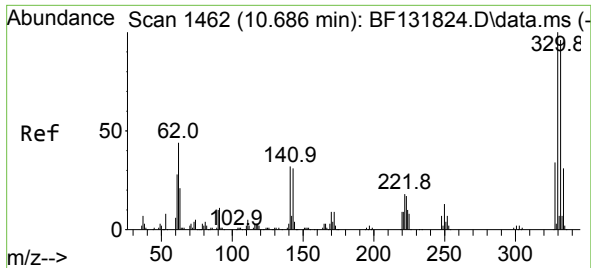
Tgt Ion: 82 Resp: 363252
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

Tgt Ion:164 Resp: 134159
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.6
160 42.7 35.7 53.5

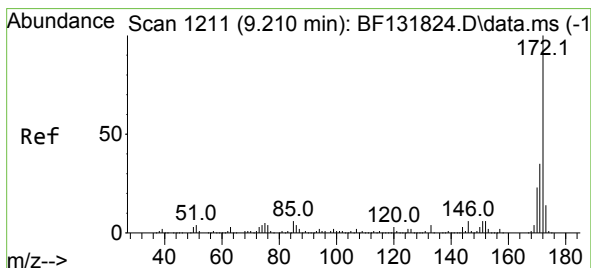
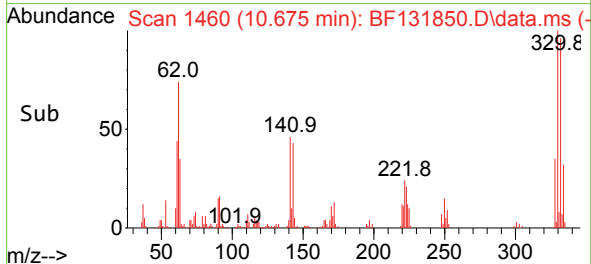
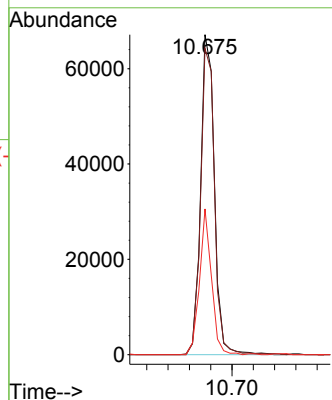
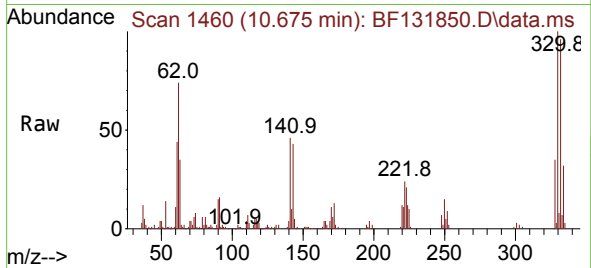




#42
2,4,6-Tribromophenol
Concen: 41.359 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

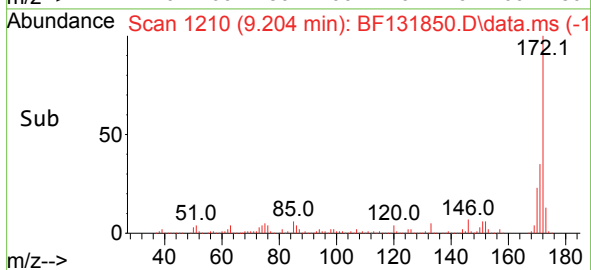
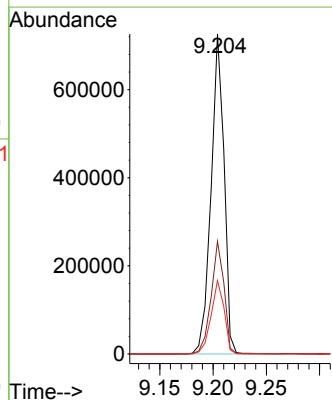
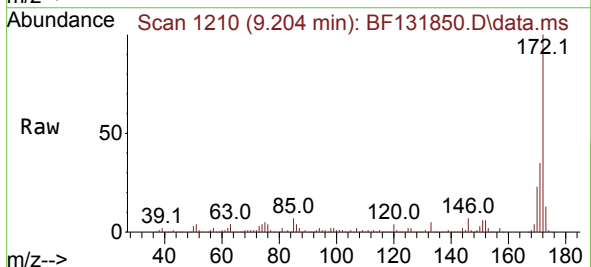
Instrument :
BNA_F
ClientSampleId :
WALL-1

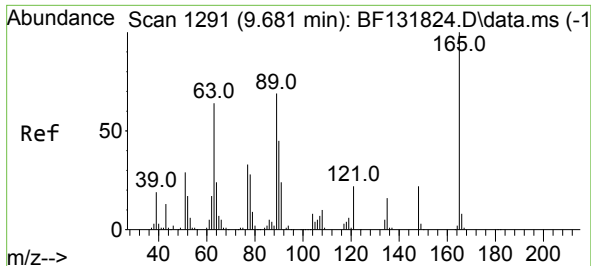
Tgt Ion:330 Resp: 60286
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 39.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 63.025 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

Tgt Ion:172 Resp: 617298
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.0 18.7 28.1

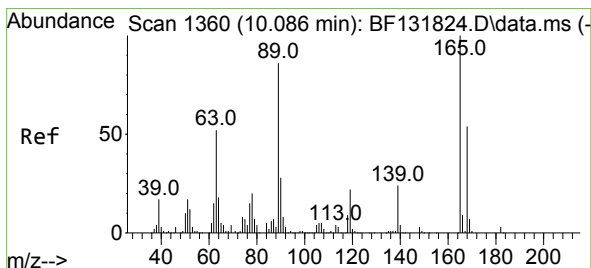
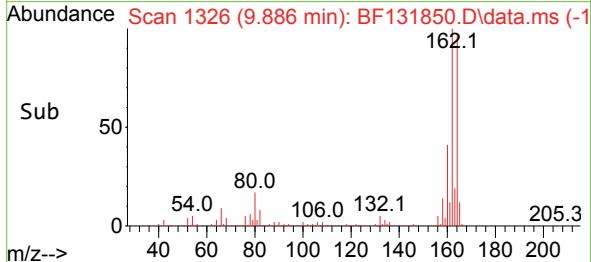
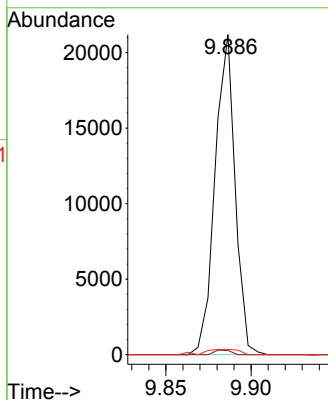
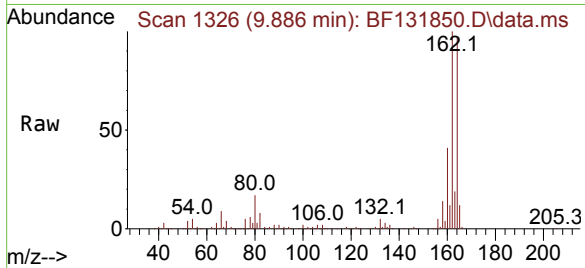




#51
2,6-Dinitrotoluene
Concen: 7.907 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

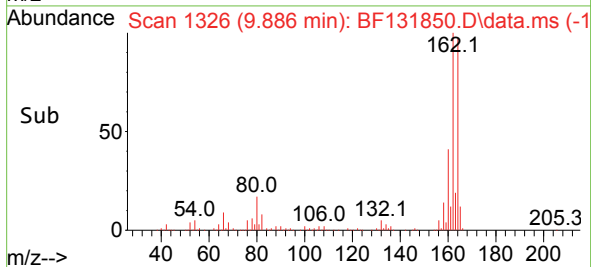
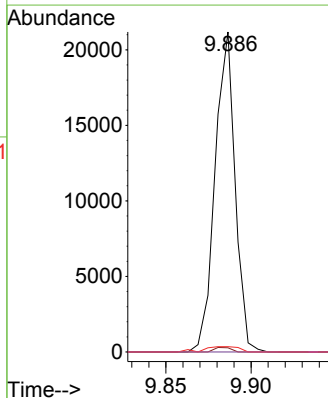
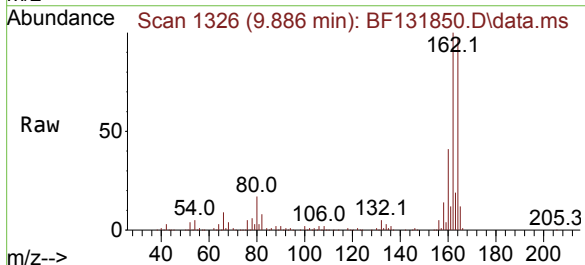
Instrument :
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ClientSampleId :
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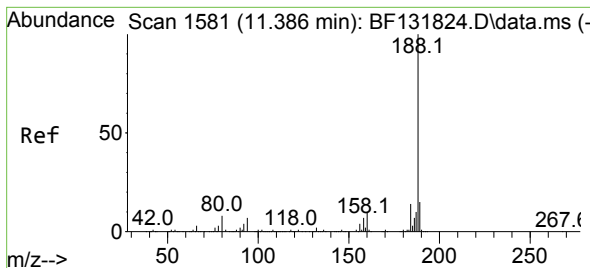
Tgt Ion:165 Resp: 17373
Ion Ratio Lower Upper
165 100
63 1.3 55.1 82.7#
89 1.7 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.782 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

Tgt Ion:165 Resp: 17373
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 1.7 69.1 103.7#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131850.D

Acq: 27 Dec 2022 22:07

Instrument :

BNA_F

ClientSampleId :

WALL-1

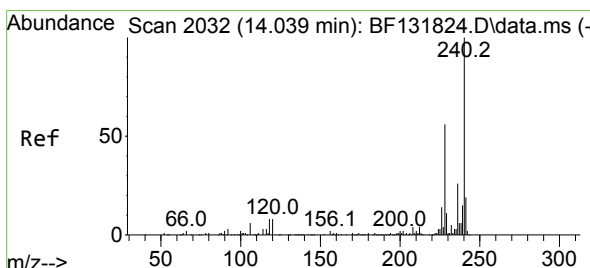
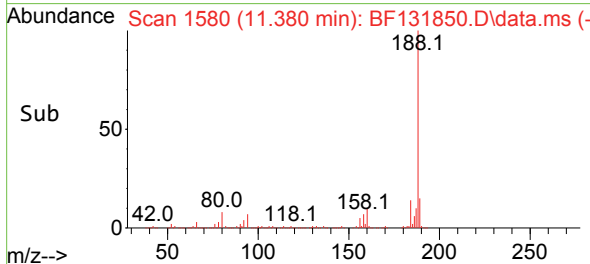
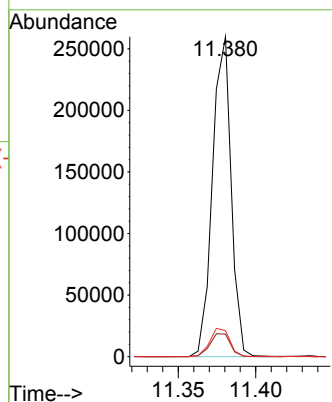
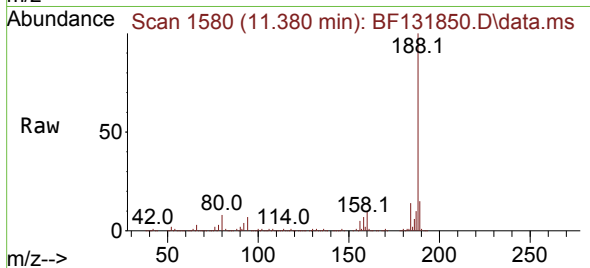
Tgt Ion:188 Resp: 217574

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 8.1 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF131850.D

Acq: 27 Dec 2022 22:07

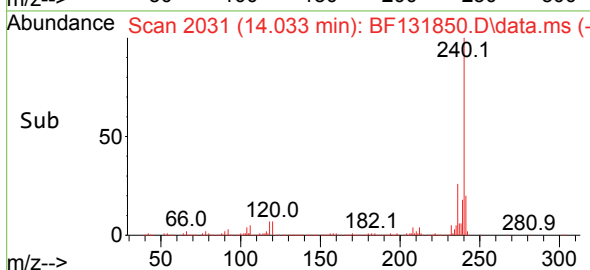
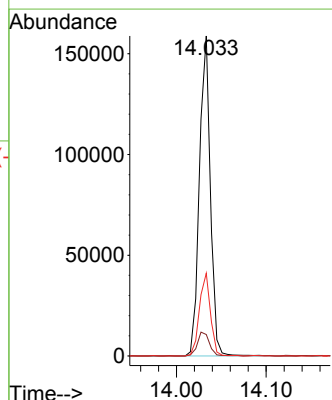
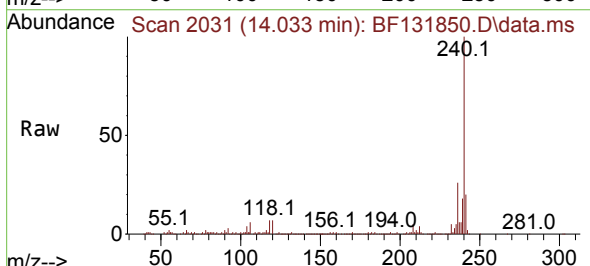
Tgt Ion:240 Resp: 134419

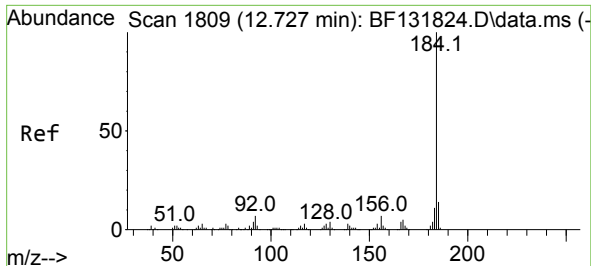
Ion Ratio Lower Upper

240 100

120 6.7 6.7 10.1#

236 25.8 20.6 31.0

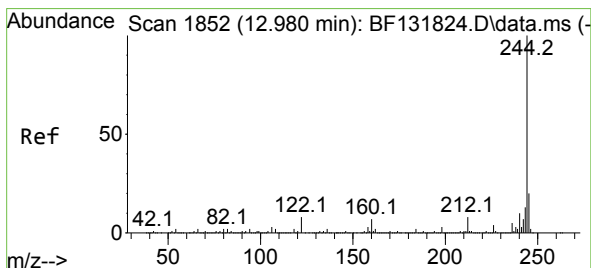
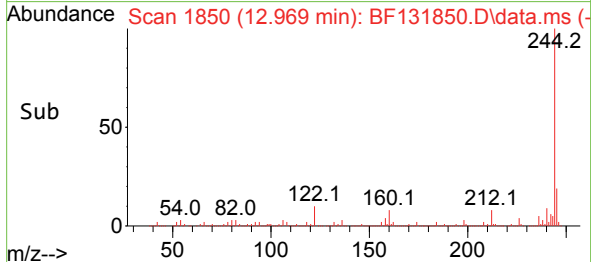
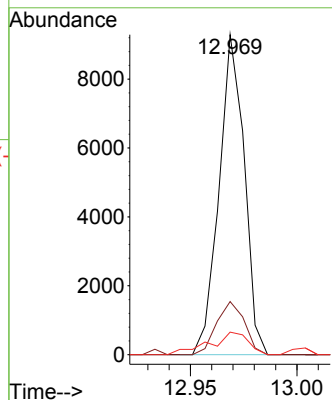
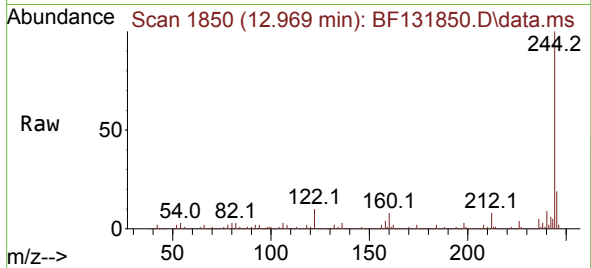




#77
Benzidine
Concen: 3.459 ng
RT: 12.969 min Scan# 1850
Delta R.T. 0.241 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

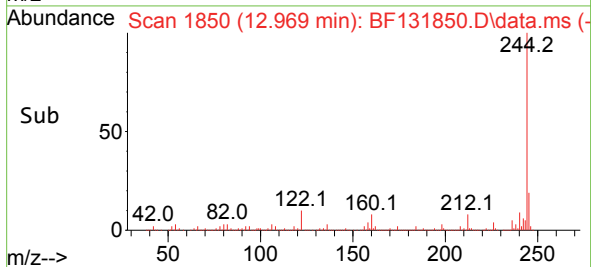
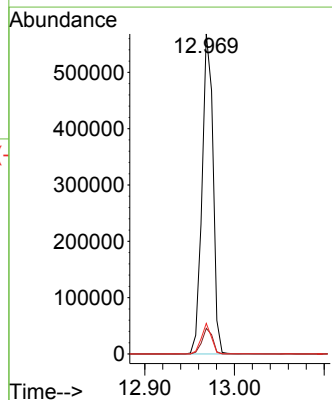
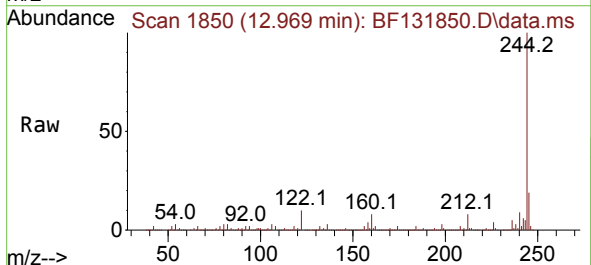
Instrument :
BNA_F
ClientSampleId :
WALL-1

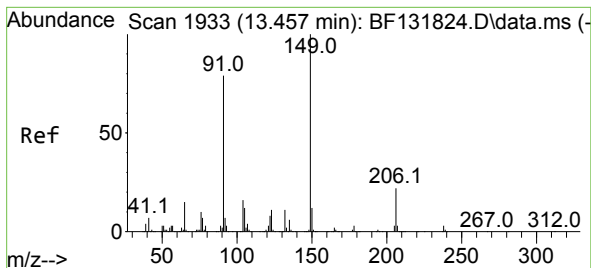
Tgt Ion:184 Resp: 7640
Ion Ratio Lower Upper
184 100
185 16.6 11.6 17.4
183 7.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 60.798 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

Tgt Ion:244 Resp: 483140
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 9.6 6.4 9.6

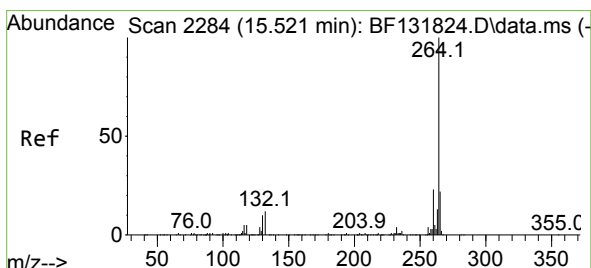
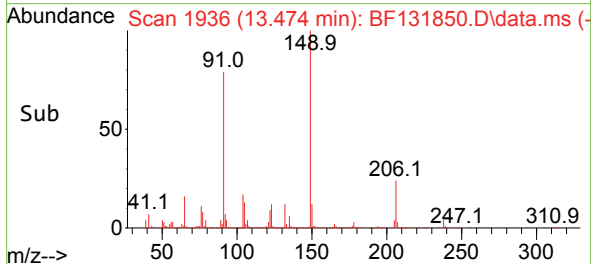
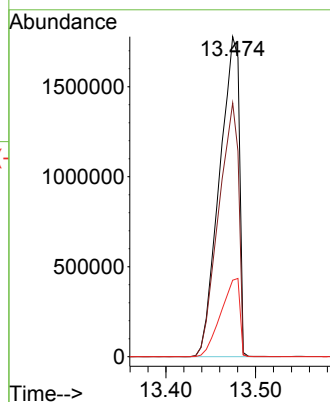
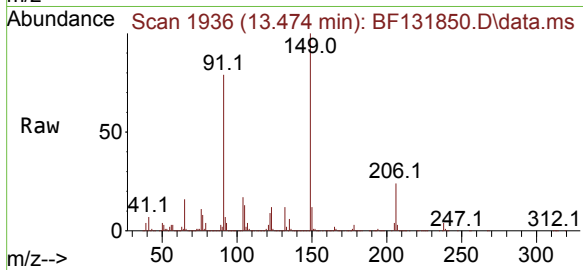




#80
Butylbenzylphthalate
Concen: 653.810 ng
RT: 13.474 min Scan# 1936
Delta R.T. 0.018 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

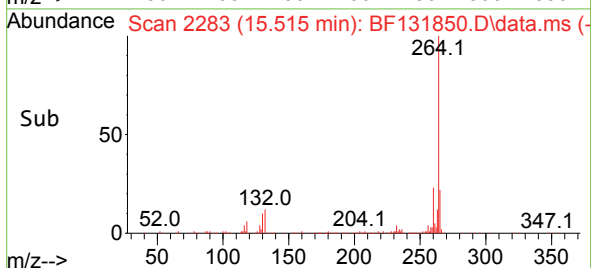
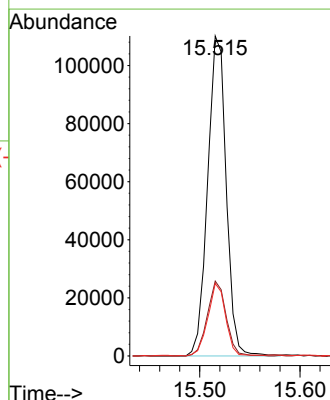
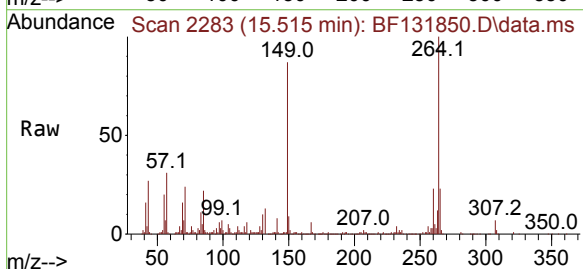
Instrument :
BNA_F
ClientSampleId :
WALL-1

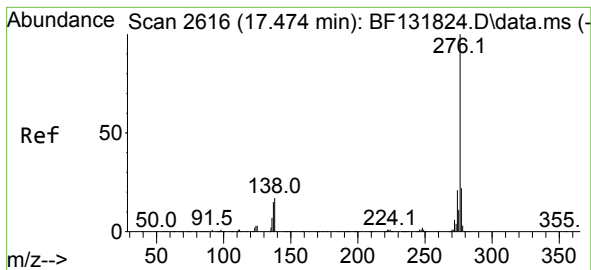
Tgt Ion:149 Resp: 2732185
Ion Ratio Lower Upper
149 100
91 79.3 63.2 94.8
206 23.9 17.9 26.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF131850.D
Acq: 27 Dec 2022 22:07

Tgt Ion:264 Resp: 142163
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.7 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 5.254 ng

RT: 17.274 min Scan# 21

Delta R.T. -0.200 min

Lab File: BF131850.D

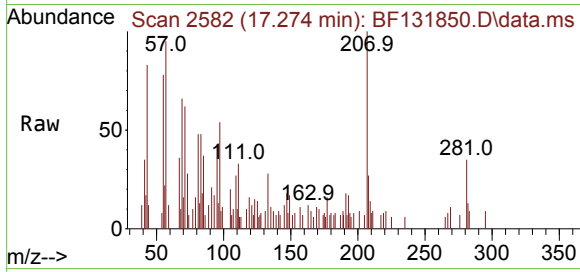
Acq: 27 Dec 2022 22:07

Instrument :

BNA_F

ClientSampleId :

WALL-1



Tgt Ion:276 Resp: 62

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 13.7 20.5#

