

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134931.D
 Acq On : 24 Aug 2023 18:52
 Operator : CG\JU
 Sample : 04116-09 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Aug 25 01:21:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

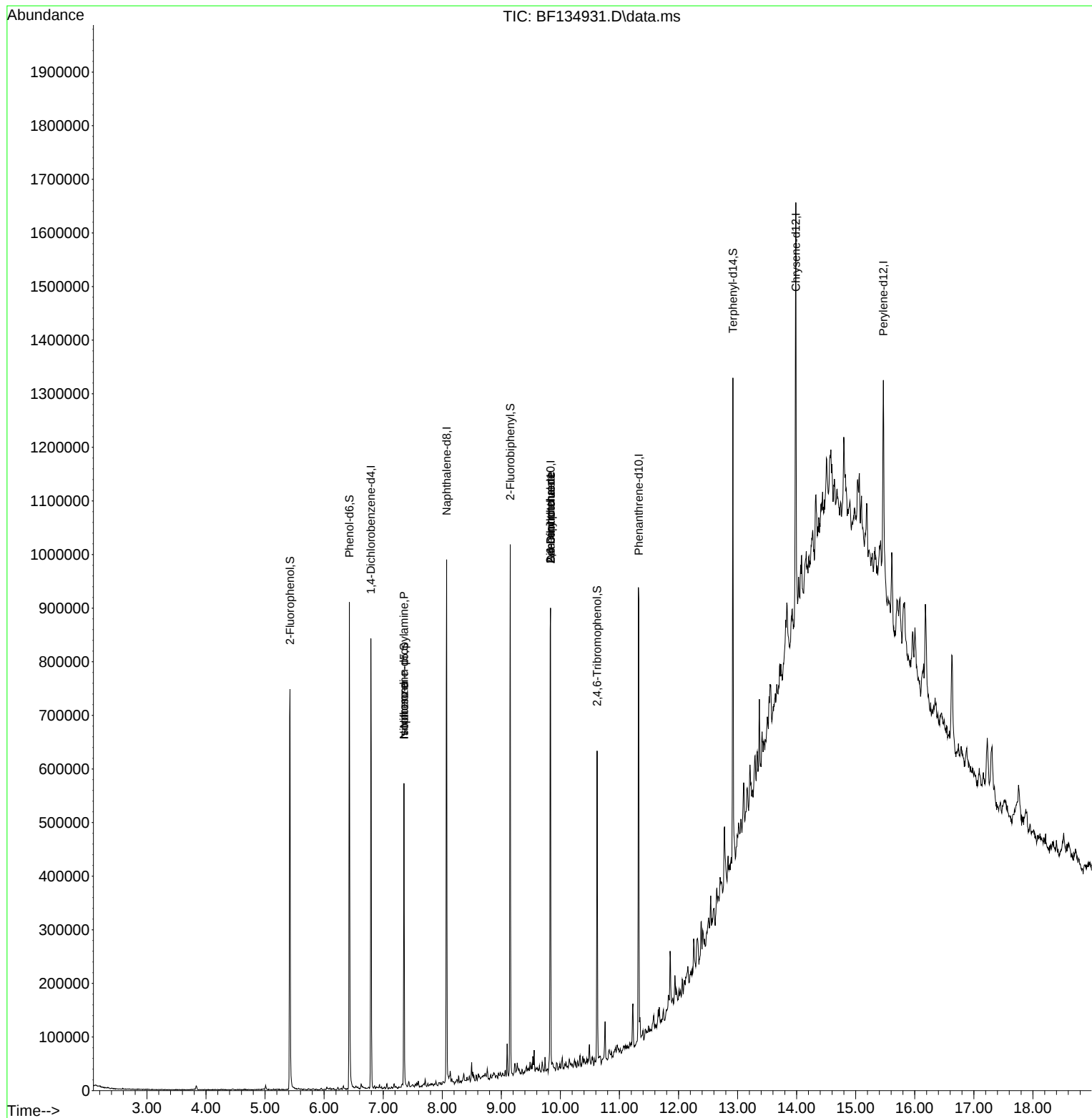
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	114293	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	402022	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	177106	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	325342	20.000	ng	0.00
76) Chrysene-d12	13.986	240	242273	20.000	ng	0.00
86) Perylene-d12	15.468	264	182177	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	212505	29.649	ng	0.00
7) Phenol-d6	6.428	99	263509	28.772	ng	-0.01
23) Nitrobenzene-d5	7.351	82	149611	20.507	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	61984	29.716	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	270943	23.650	ng	0.00
79) Terphenyl-d14	12.921	244	267620	15.193	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	20932	3.913	ng	# 78
25) Isophorone	7.351	82	147576	10.833	ng	# 64
50) Dimethylphthalate	9.833	163	37021	2.937	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	22746	8.181	ng	# 28
57) 2,4-Dinitrotoluene	9.833	165	22746	6.615	ng	# 25

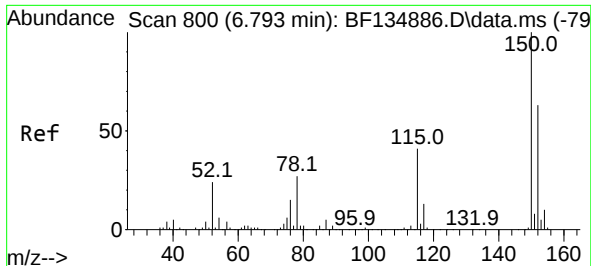
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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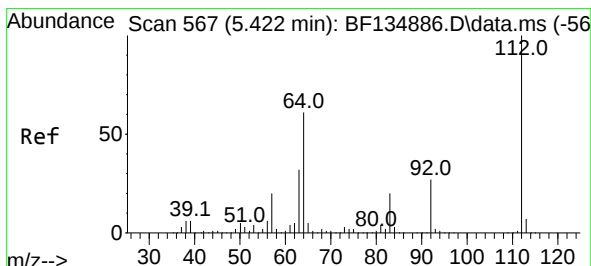
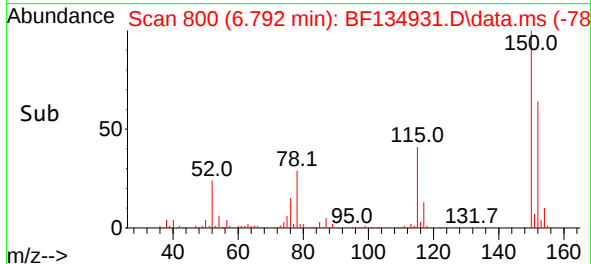
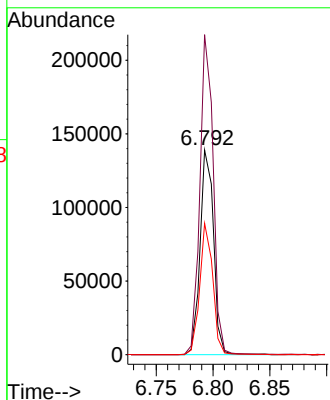
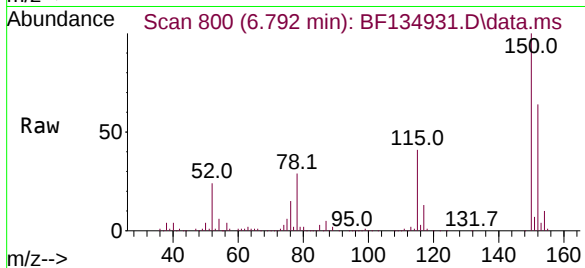




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

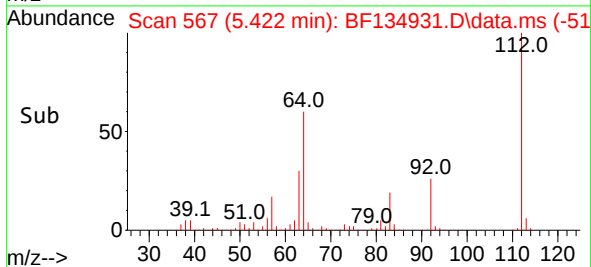
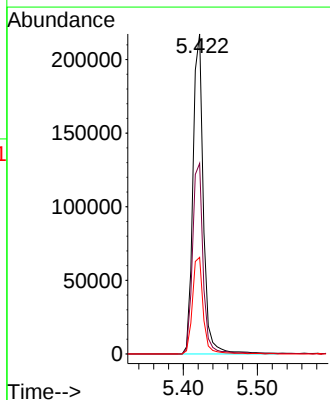
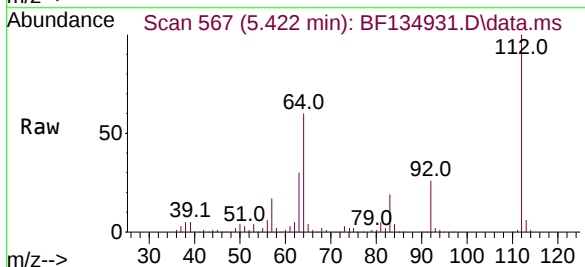
Instrument :
BNA_F
ClientSampleId :
TP-5

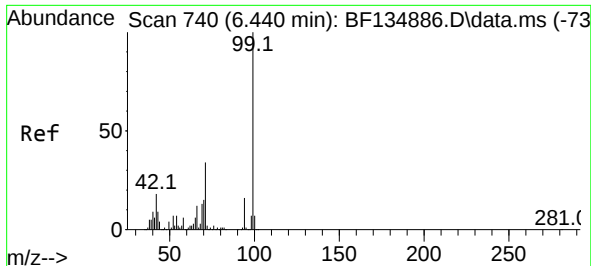
Tgt Ion:152 Resp: 114293
Ion Ratio Lower Upper
152 100
150 156.5 126.1 189.1
115 64.2 51.1 76.7



#5
2-Fluorophenol
Concen: 29.649 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

Tgt Ion:112 Resp: 212505
Ion Ratio Lower Upper
112 100
64 59.5 48.6 73.0
63 30.2 25.7 38.5





#7
Phenol-d6
Concen: 28.772 ng
RT: 6.428 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

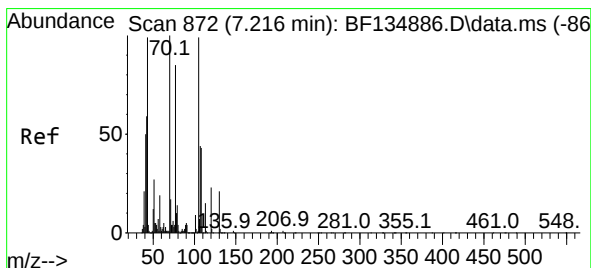
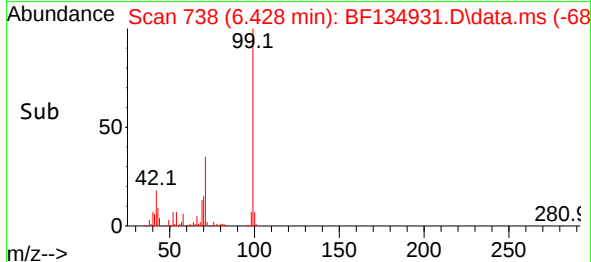
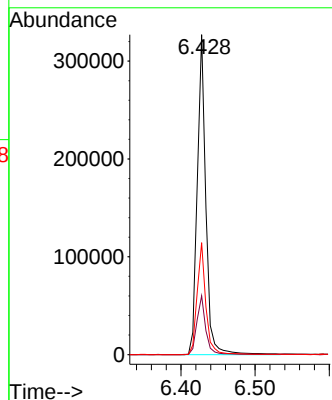
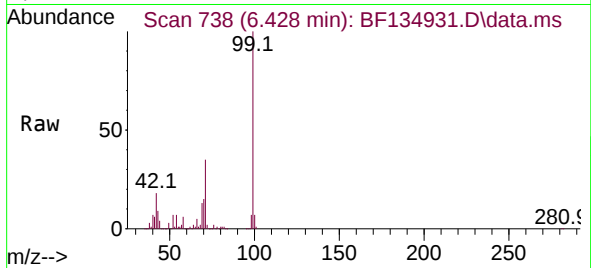
Instrument :

BNA_F

ClientSampleId :

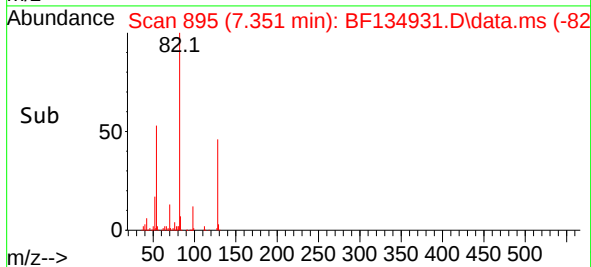
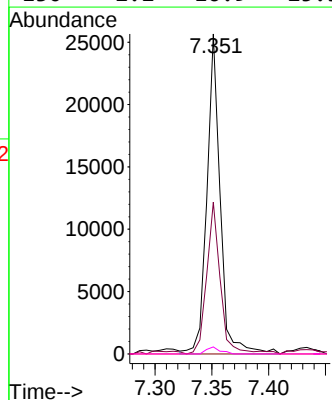
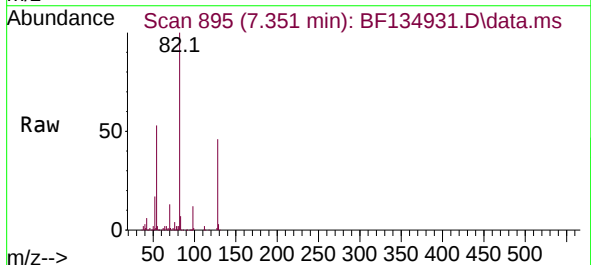
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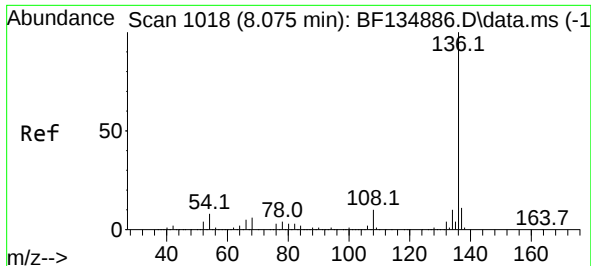
Tgt Ion: 99 Resp: 263509
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 35.0 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 3.913 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

Tgt Ion: 70 Resp: 20932
Ion Ratio Lower Upper
70 100
42 47.4 46.9 70.3
101 0.0 7.5 11.3#
130 2.2 16.9 25.3#



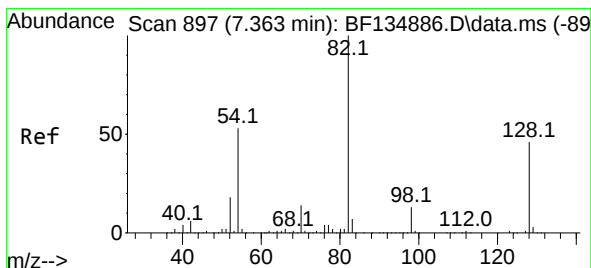
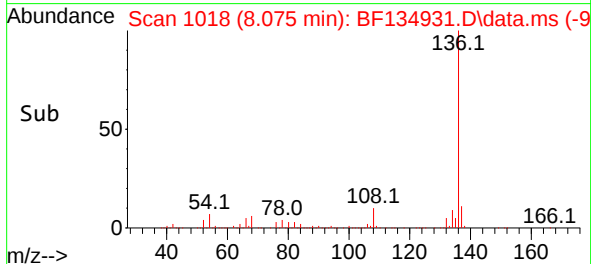
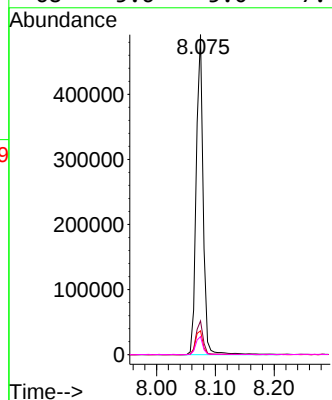
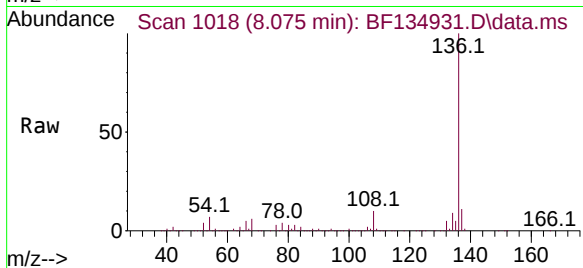


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:136 Resp: 402022

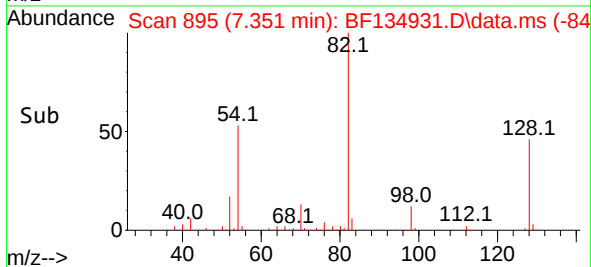
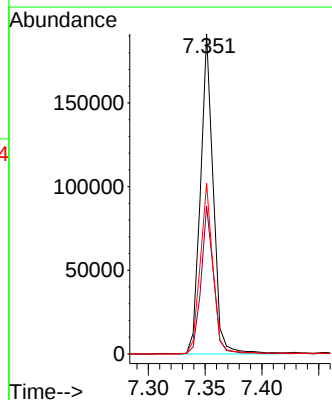
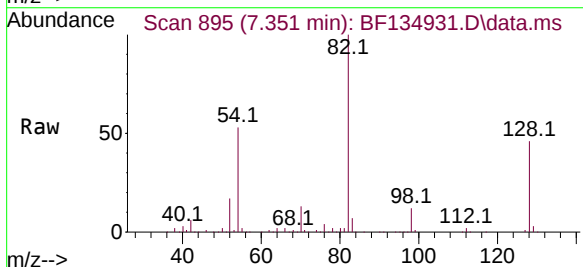
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	6.6	9.8
68	5.6	5.0	7.4

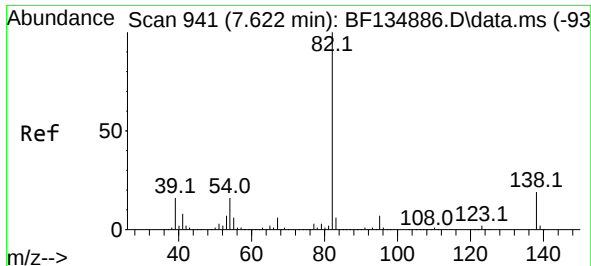


#23
Nitrobenzene-d5
Concen: 20.507 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

Tgt Ion: 82 Resp: 149611

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.6	54.8
54	53.3	42.6	63.8





#25

Isophorone

Concen: 10.833 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.271 min

Lab File: BF134931.D

Acq: 24 Aug 2023 18:52

Instrument :

BNA_F

ClientSampleId :

TP-5

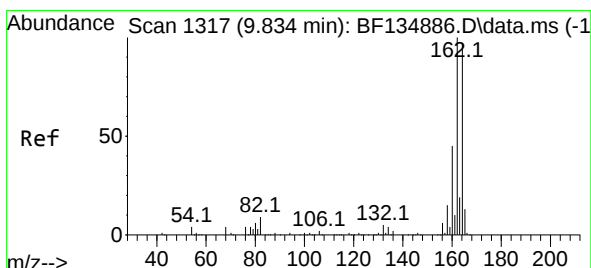
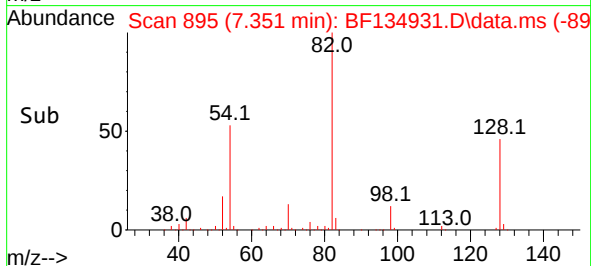
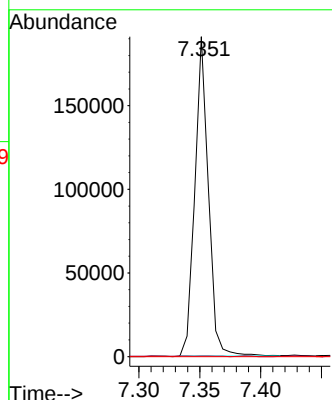
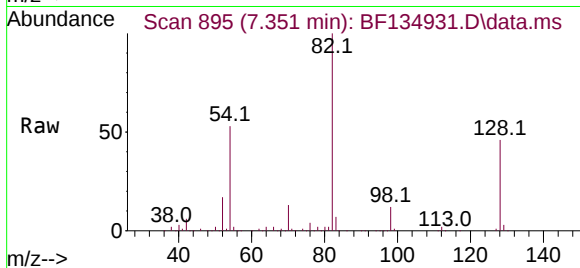
Tgt Ion: 82 Resp: 147576

Ion Ratio Lower Upper

82 100

95 0.2 5.9 8.9#

138 0.0 14.9 22.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF134931.D

Acq: 24 Aug 2023 18:52

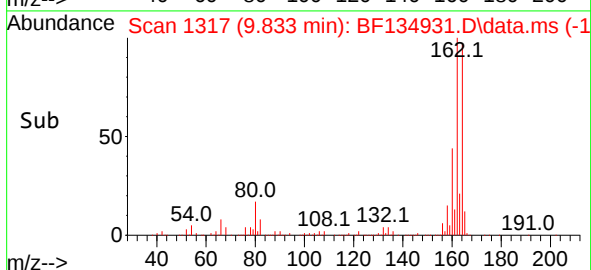
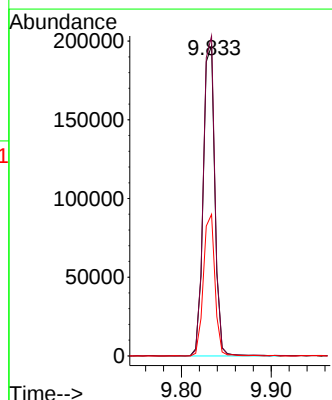
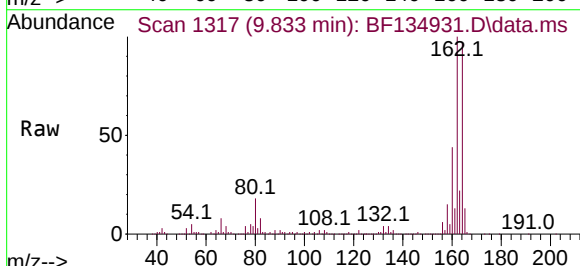
Tgt Ion: 164 Resp: 177106

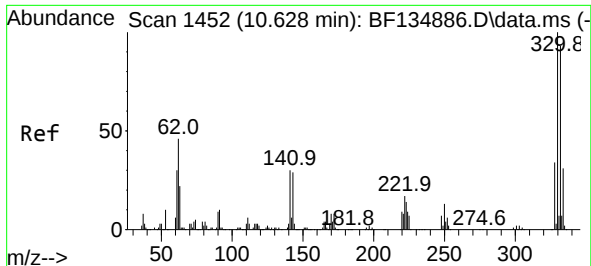
Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 45.6 37.0 55.4

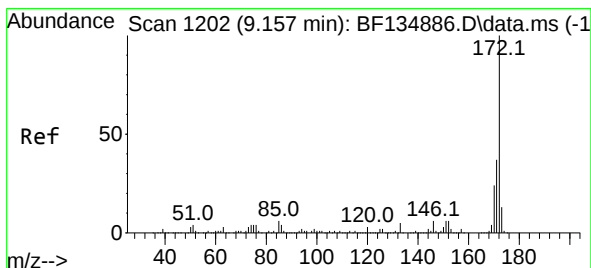
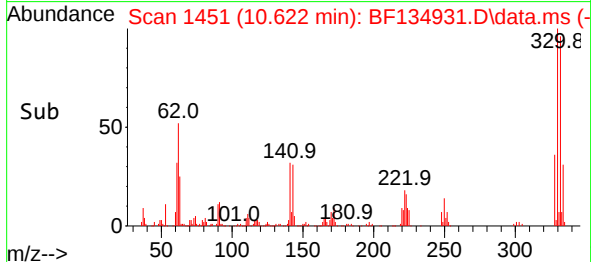
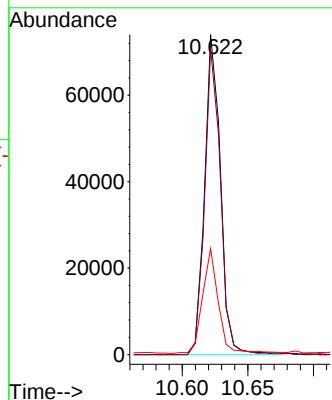
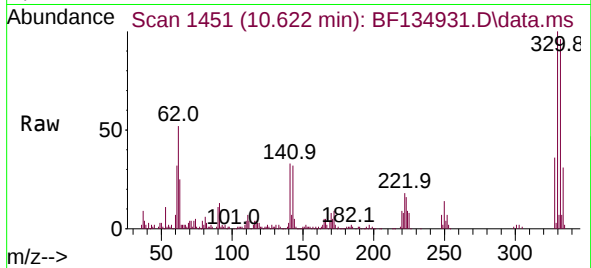




#42
2,4,6-Tribromophenol
Concen: 29.716 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

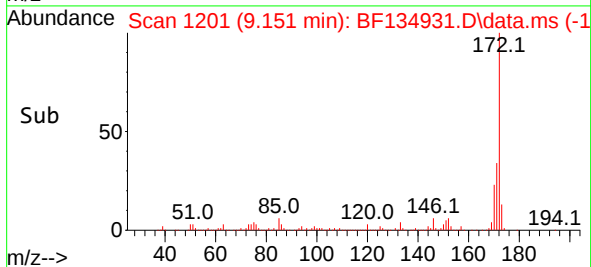
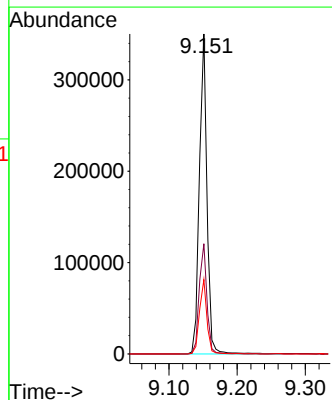
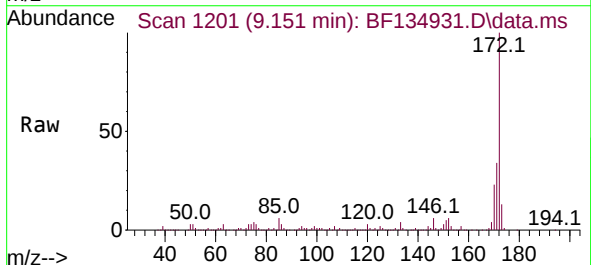
Instrument :
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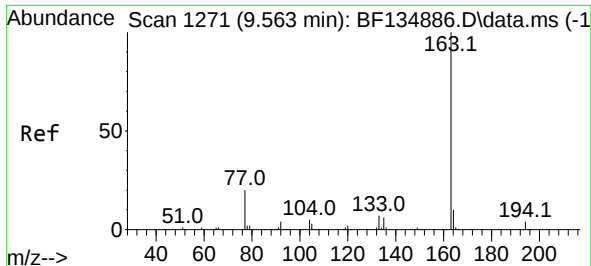
Tgt Ion:330 Resp: 61984
Ion Ratio Lower Upper
330 100
332 95.0 76.3 114.5
141 32.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 23.650 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

Tgt Ion:172 Resp: 270943
Ion Ratio Lower Upper
172 100
171 34.4 29.4 44.0
170 23.2 19.6 29.4

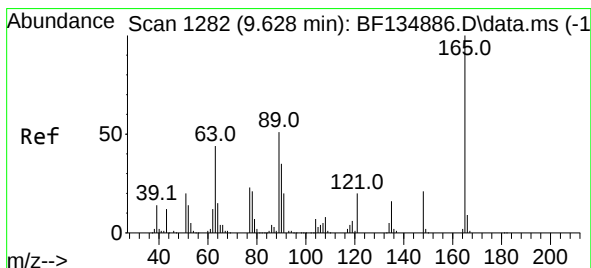
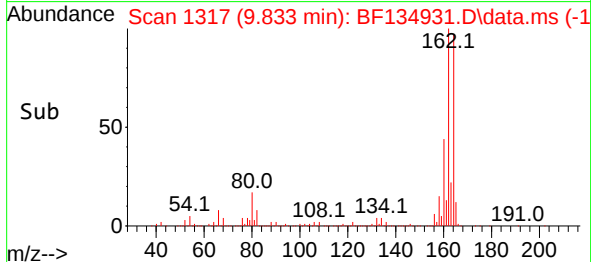
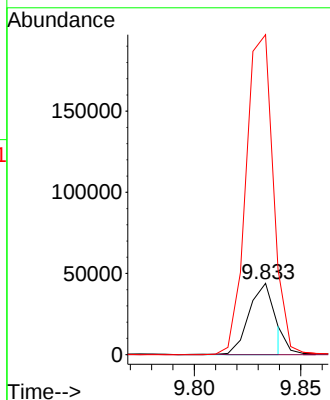
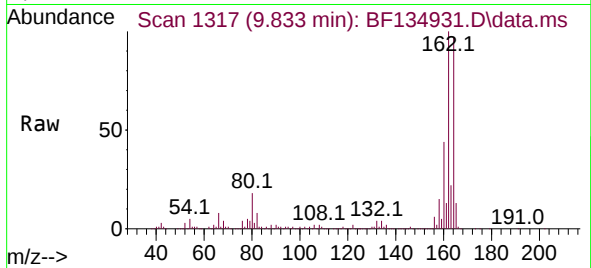




#50
Dimethylphthalate
Concen: 2.937 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.270 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

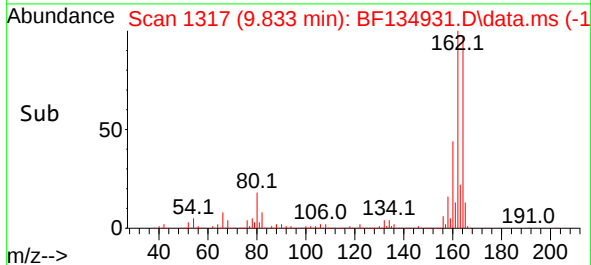
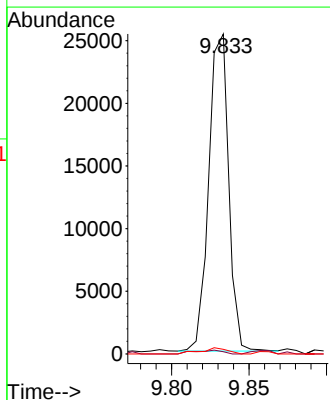
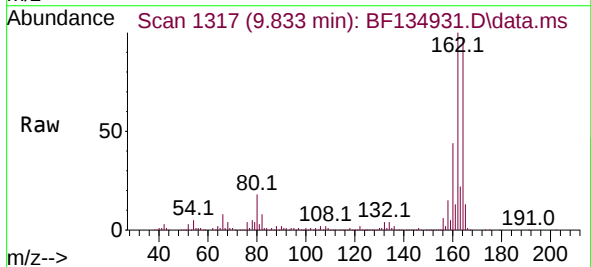
Instrument :
BNA_F
ClientSampleId :
TP-5

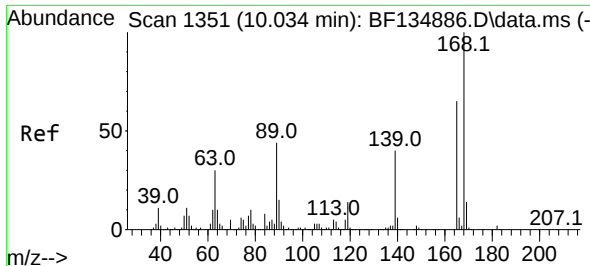
Tgt Ion:163 Resp: 37021
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 449.0 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.181 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.205 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

Tgt Ion:165 Resp: 22746
Ion Ratio Lower Upper
165 100
63 0.7 41.4 62.2#
89 1.4 40.9 61.3#

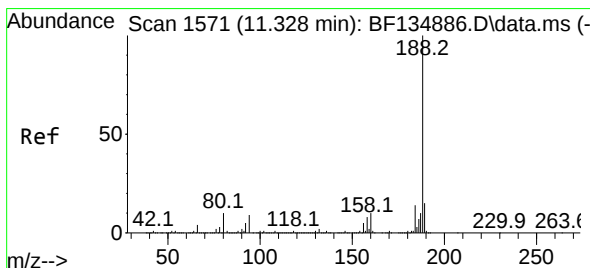
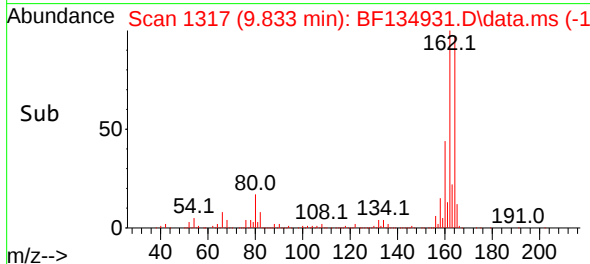
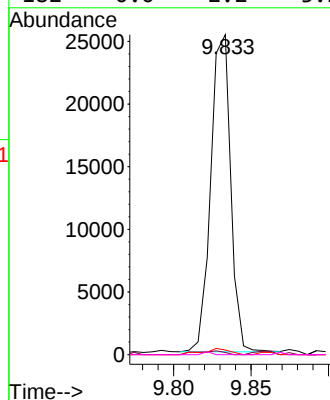
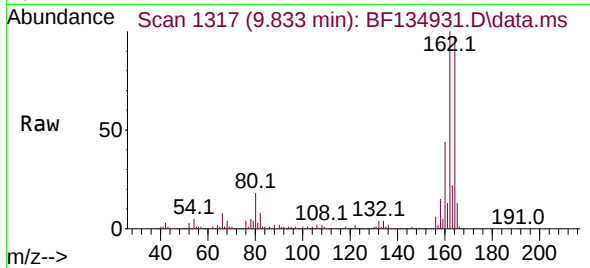




#57
2,4-Dinitrotoluene
Concen: 6.615 ng
RT: 9.833 min Scan# 1351
Delta R.T. -0.201 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

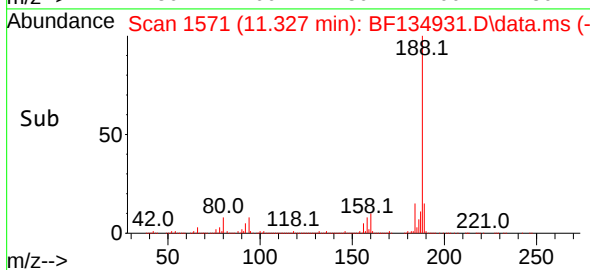
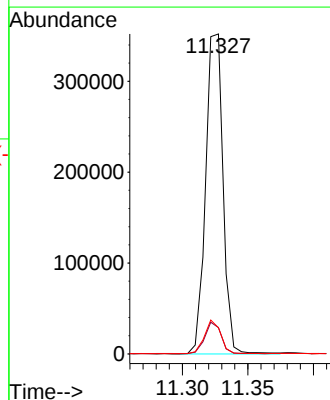
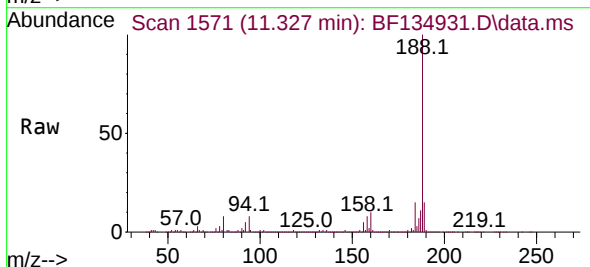
Instrument :
BNA_F
ClientSampleId :
TP-5

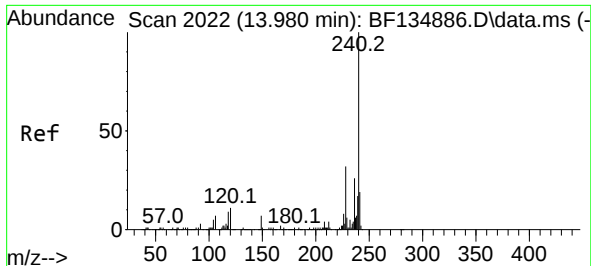
Tgt Ion:165 Resp: 22746
Ion Ratio Lower Upper
165 100
63 0.7 37.7 56.5#
89 1.4 54.2 81.4#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

Tgt Ion:188 Resp: 325342
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.2 7.8 11.6

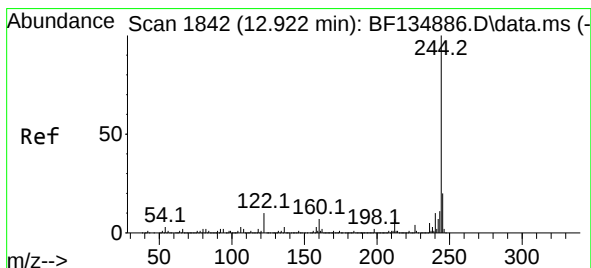
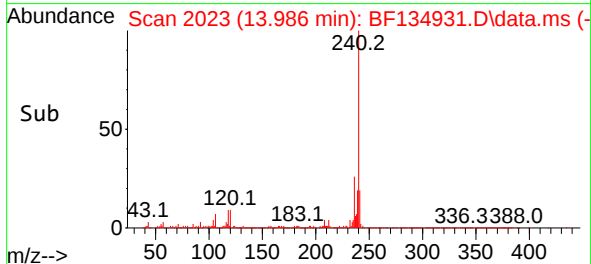
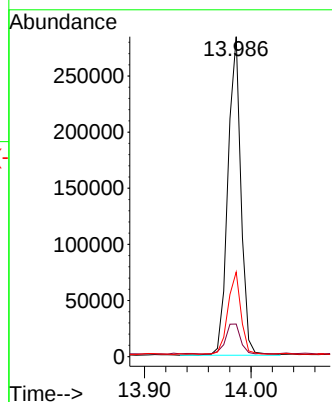
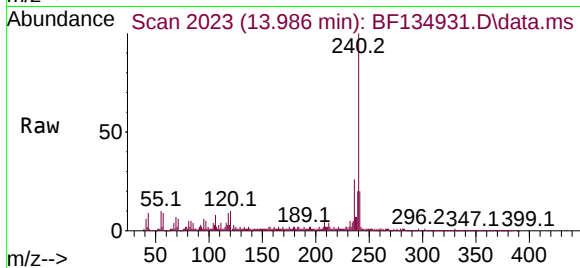




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

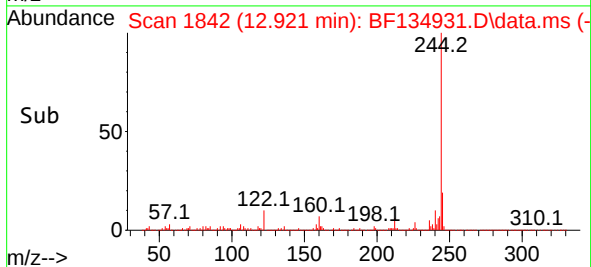
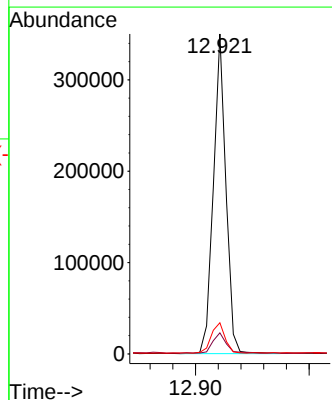
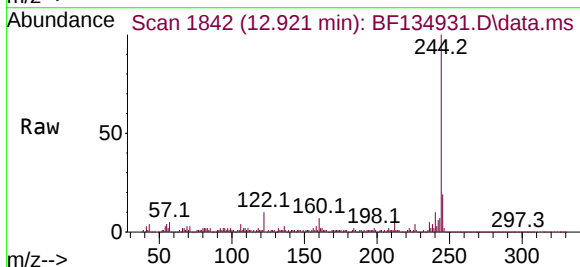
Instrument :
BNA_F
ClientSampleId :
TP-5

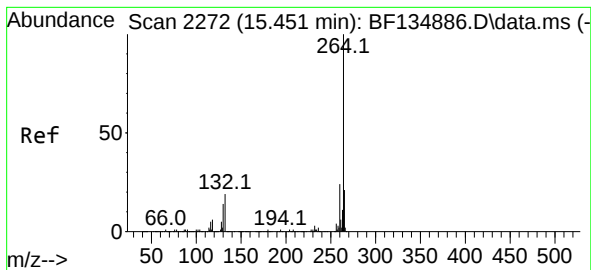
Tgt Ion:240 Resp: 242273
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 26.4 20.6 31.0



#79
Terphenyl-d14
Concen: 15.193 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.001 min
Lab File: BF134931.D
Acq: 24 Aug 2023 18:52

Tgt Ion:244 Resp: 267620
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.8 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF134931.D

Acq: 24 Aug 2023 18:52

Instrument :

BNA_F

ClientSampleId :

TP-5

Tgt Ion:264 Resp: 182177

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 22.4 17.1 25.7

