

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134918.D
 Acq On : 24 Aug 2023 11:57
 Operator : CG\JU
 Sample : 04091-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-F

Quant Time: Aug 25 01:17:20 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)

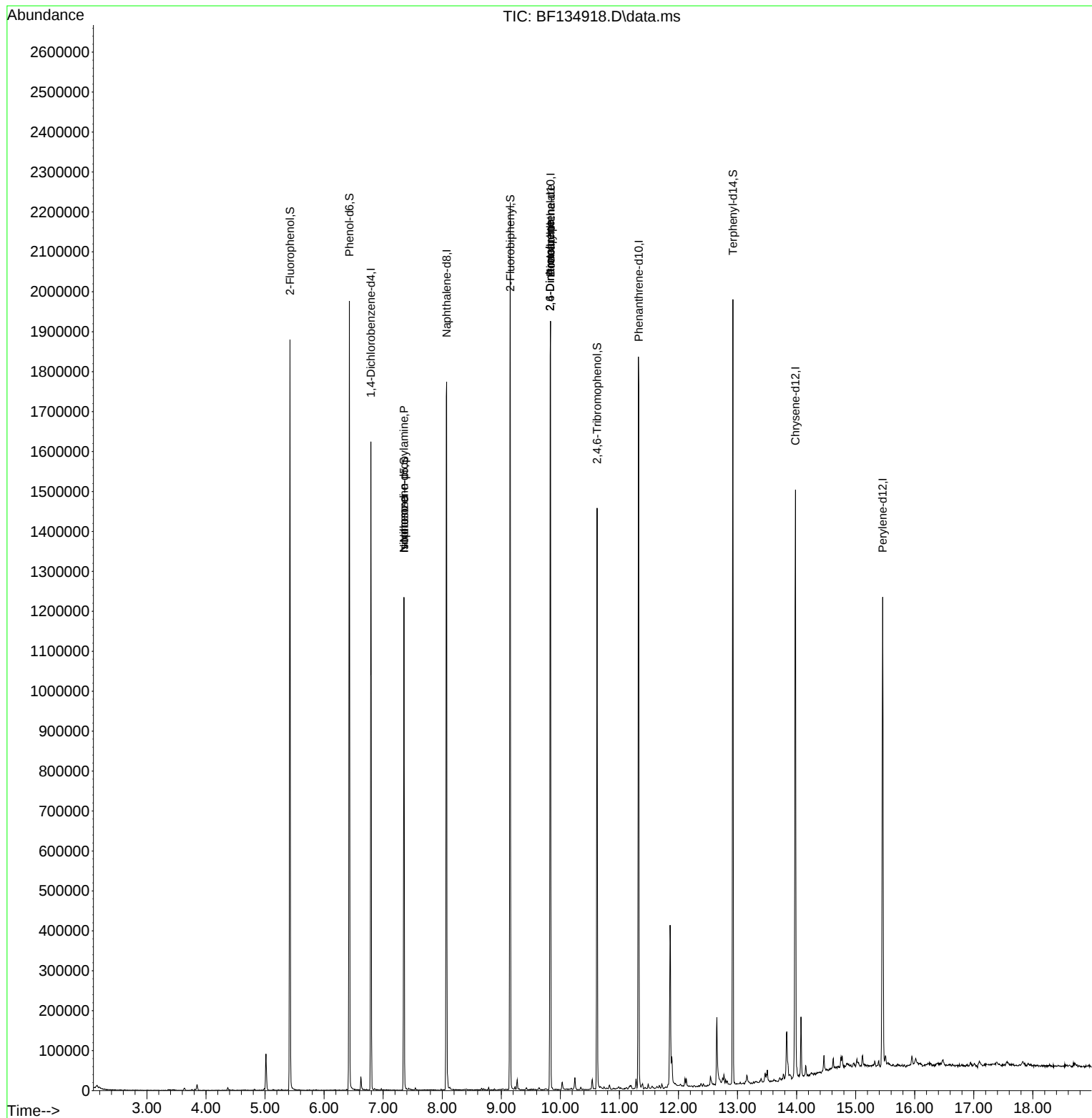
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	217846	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	827144	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	416637	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	714450	20.000	ng	0.00
76) Chrysene-d12	13.980	240	485870	20.000	ng	0.00
86) Perylene-d12	15.457	264	541903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	471118	34.486	ng	0.00
7) Phenol-d6	6.428	99	597725	34.241	ng	-0.01
23) Nitrobenzene-d5	7.351	82	357644	23.826	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	159806	32.567	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	644708	23.921	ng	0.00
79) Terphenyl-d14	12.922	244	626654	17.739	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	47045	4.614	ng	# 78
25) Isophorone	7.351	82	352556	12.578	ng	# 64
50) Dimethylphthalate	9.834	163	88221	2.975	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	53334	8.154	ng	# 28
57) 2,4-Dinitrotoluene	9.828	165	53334	6.593	ng	# 25

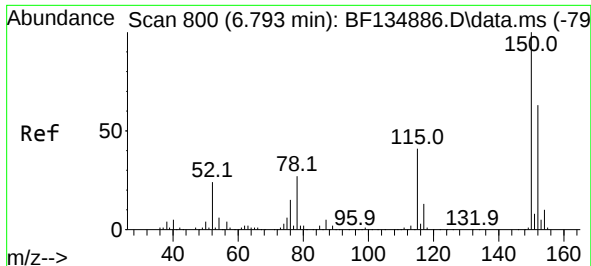
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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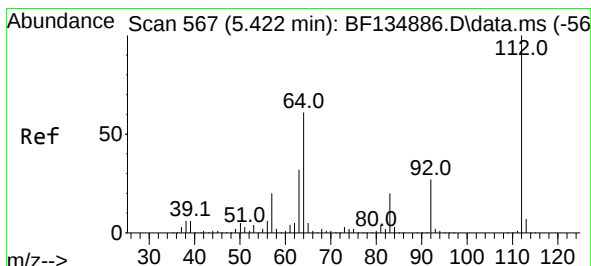
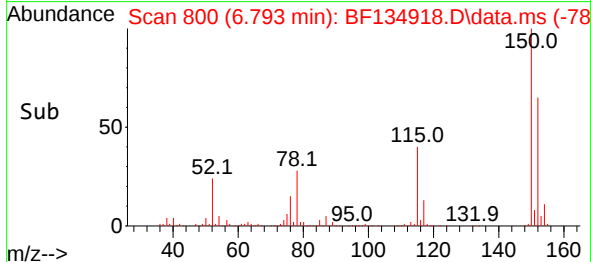
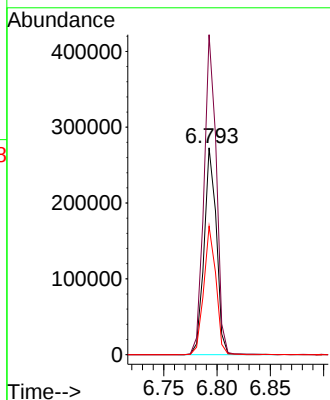
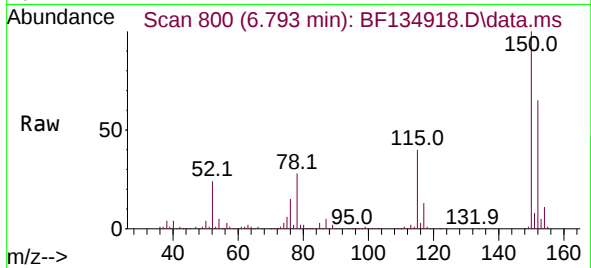




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: BF134918.D
 Acq: 24 Aug 2023 11:57

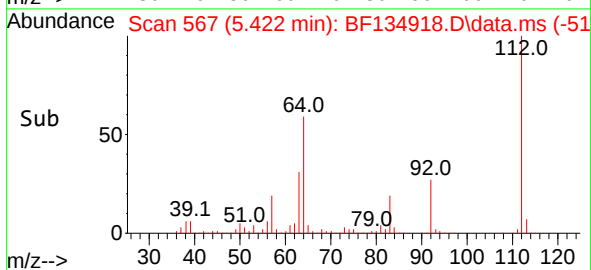
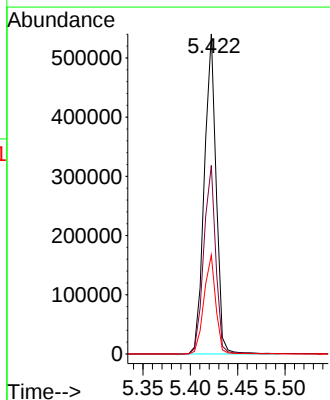
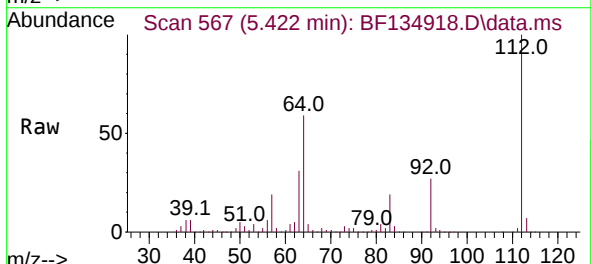
Instrument :
 BNA_F
 ClientSampleId :
 TP-F

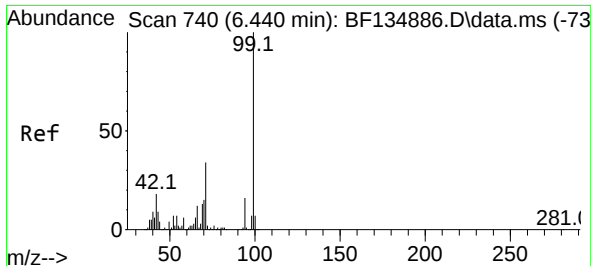
Tgt Ion:152 Resp: 217846
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.1 189.1
 115 62.0 51.1 76.7



#5
 2-Fluorophenol
 Concen: 34.486 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.000 min
 Lab File: BF134918.D
 Acq: 24 Aug 2023 11:57

Tgt Ion:112 Resp: 471118
 Ion Ratio Lower Upper
 112 100
 64 58.9 48.6 73.0
 63 30.9 25.7 38.5

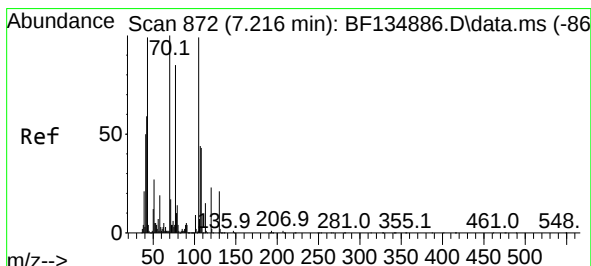
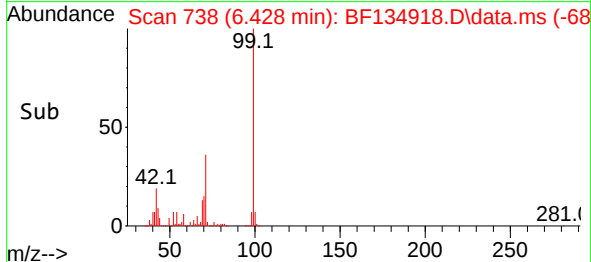
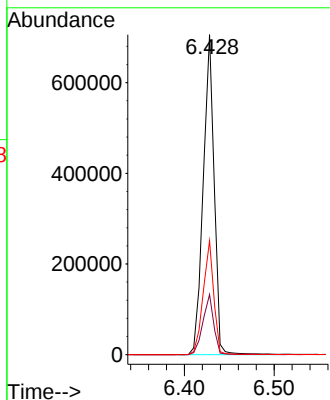
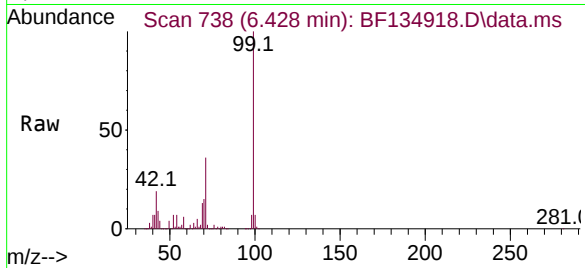




#7
Phenol-d6
Concen: 34.241 ng
RT: 6.428 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

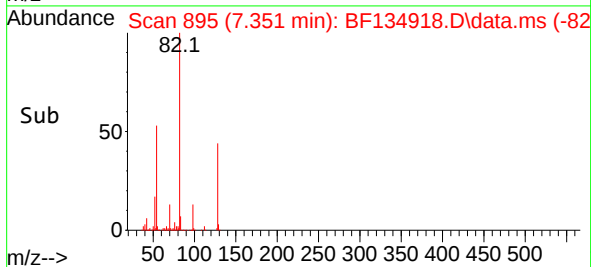
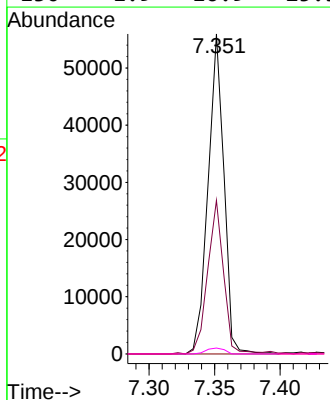
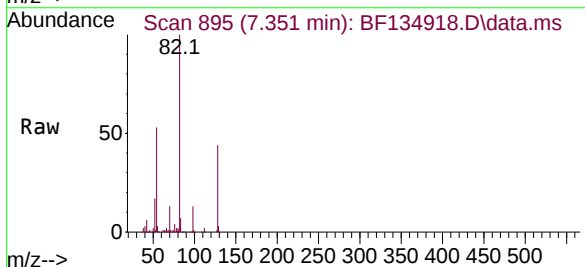
Instrument :
BNA_F
ClientSampleId :
TP-F

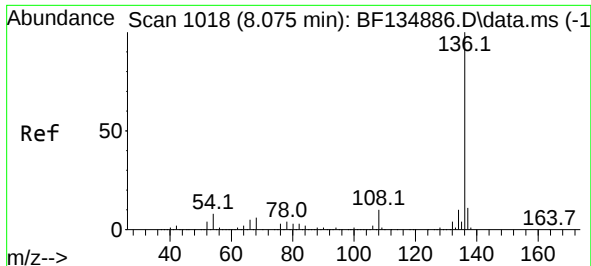
Tgt Ion: 99 Resp: 597725
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 35.6 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.614 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

Tgt Ion: 70 Resp: 47045
Ion Ratio Lower Upper
70 100
42 48.0 46.9 70.3
101 0.0 7.5 11.3#
130 1.9 16.9 25.3#

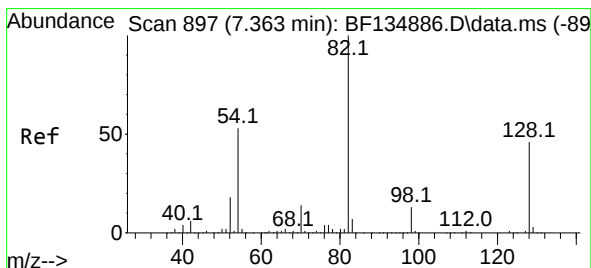
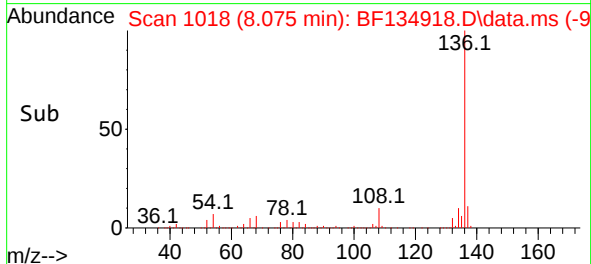
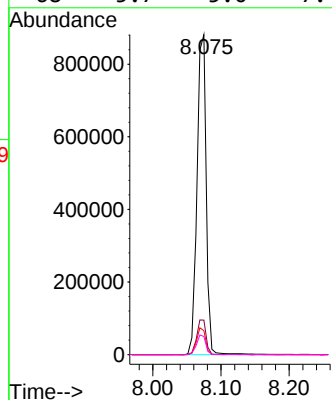
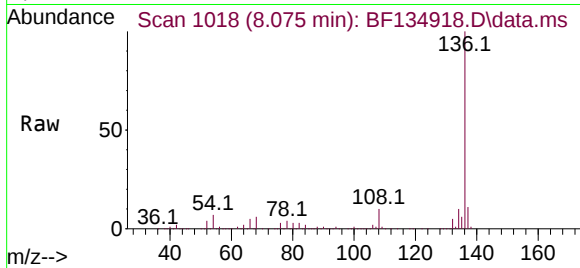




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

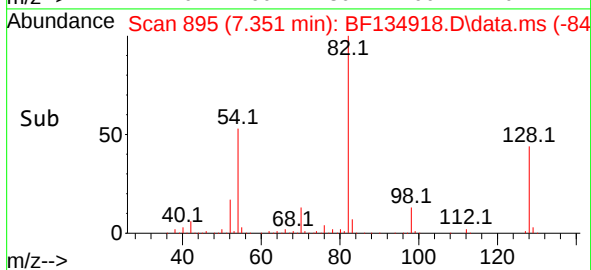
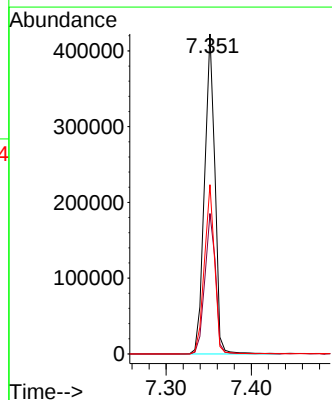
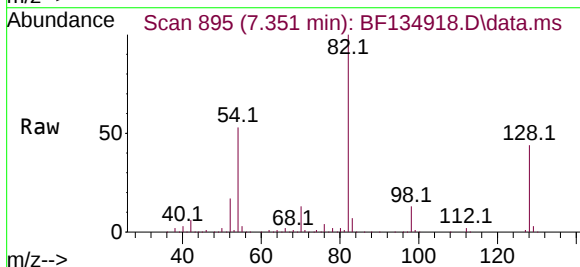
Instrument :
BNA_F
ClientSampleId :
TP-F

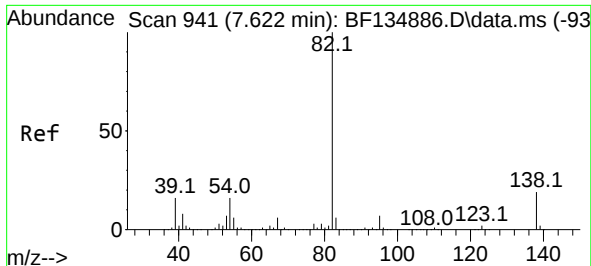
Tgt	Ion:136	Resp:	827144
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 23.826 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

Tgt Ion: 82	Resp: 357644
Ion Ratio	Lower Upper
82 100	
128 43.9	36.6 54.8
54 52.9	42.6 63.8

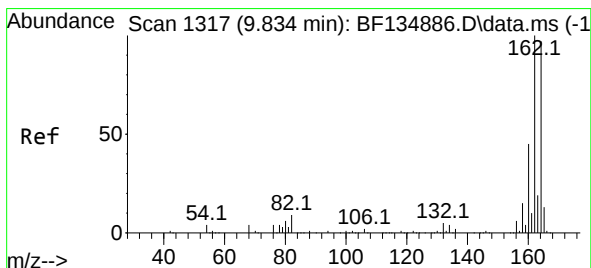
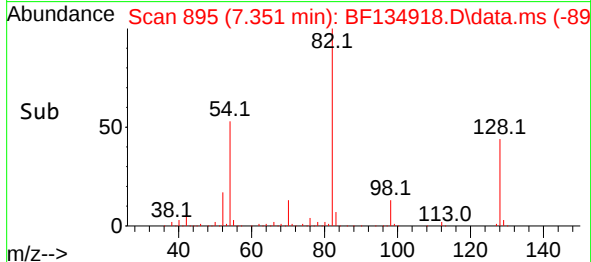
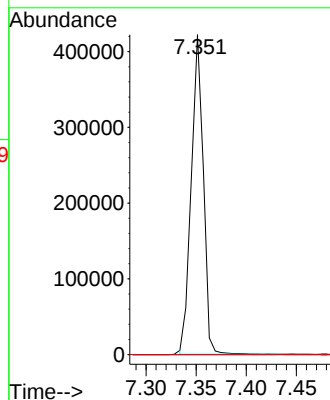
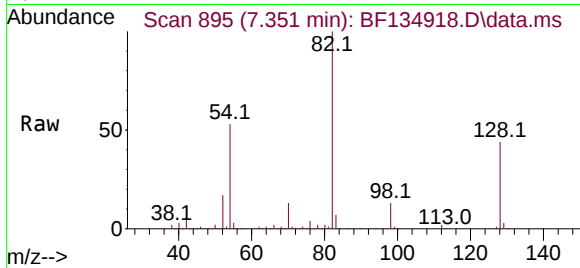




#25
Isophorone
Concen: 12.578 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

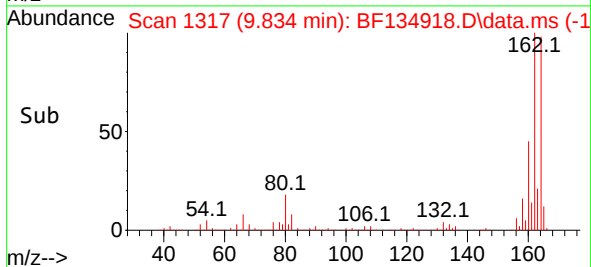
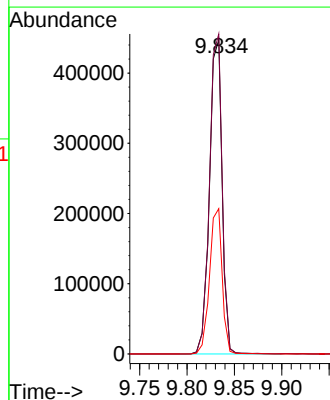
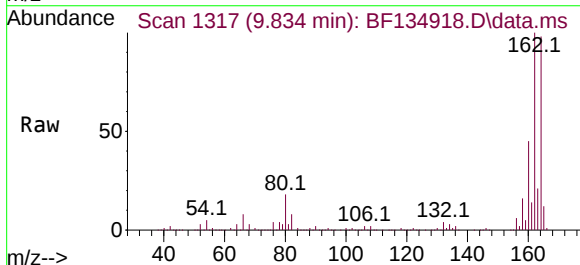
Instrument :
BNA_F
ClientSampleId :
TP-F

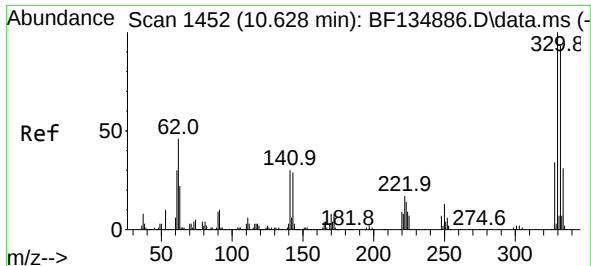
Tgt Ion: 82 Resp: 352556
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

Tgt Ion:164 Resp: 416637
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 32.567 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF134918.D

Acq: 24 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

TP-F

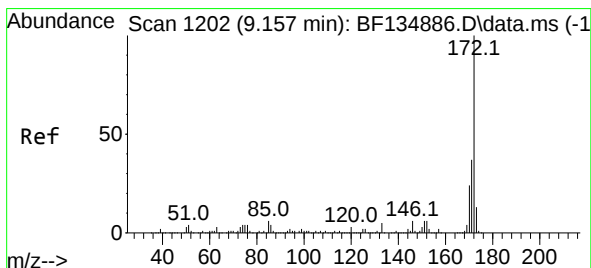
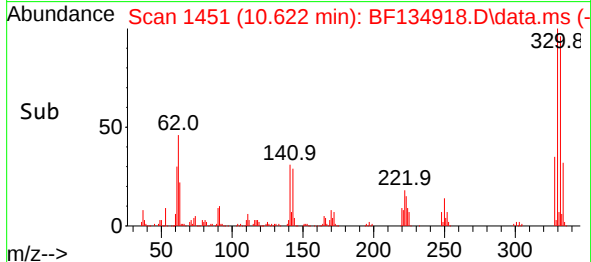
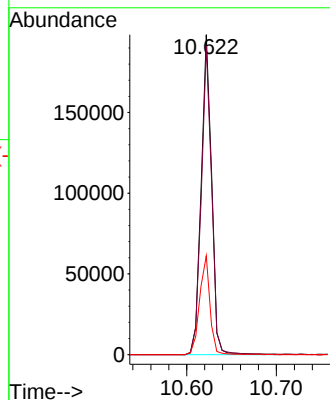
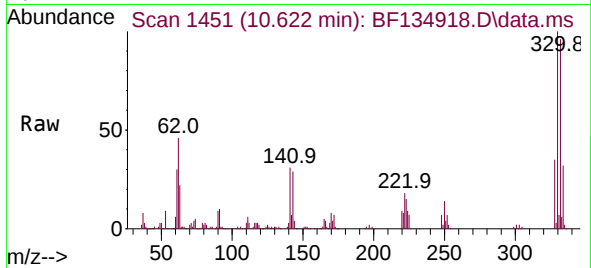
Tgt Ion:330 Resp: 159806

Ion Ratio Lower Upper

330 100

332 95.9 76.3 114.5

141 30.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 23.921 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134918.D

Acq: 24 Aug 2023 11:57

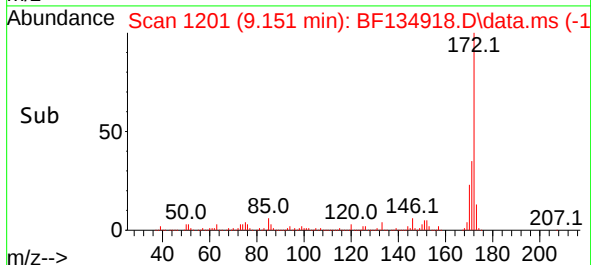
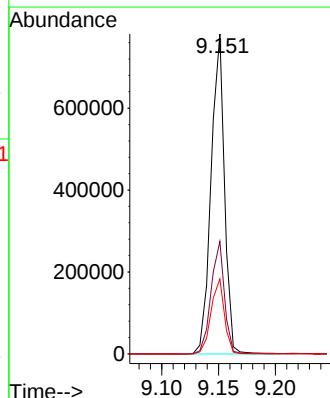
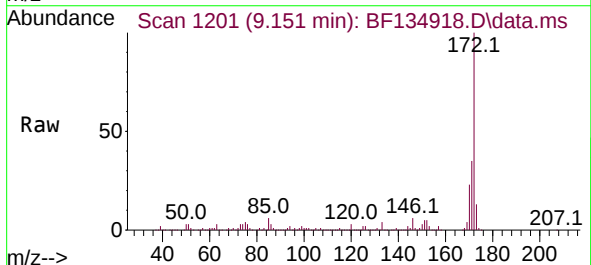
Tgt Ion:172 Resp: 644708

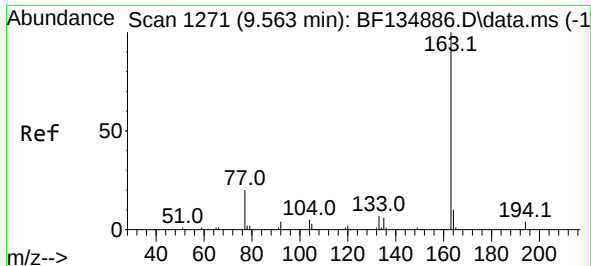
Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

170 23.4 19.6 29.4

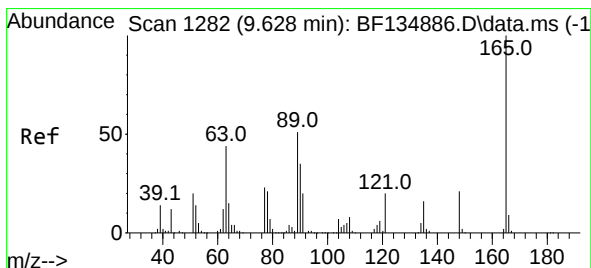
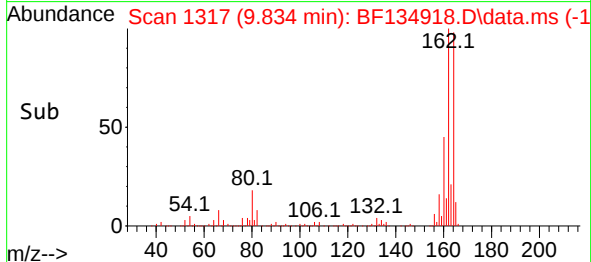
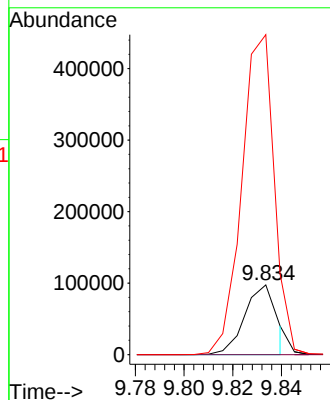
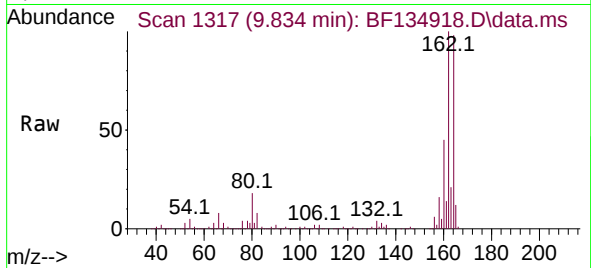




#50
Dimethylphthalate
Concen: 2.975 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.271 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

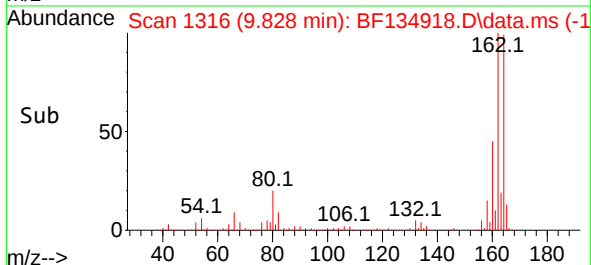
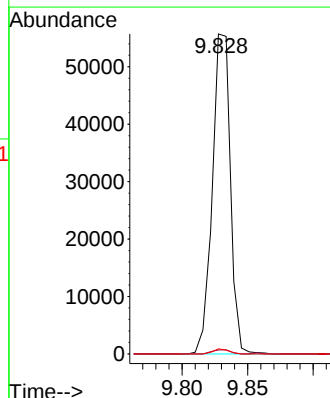
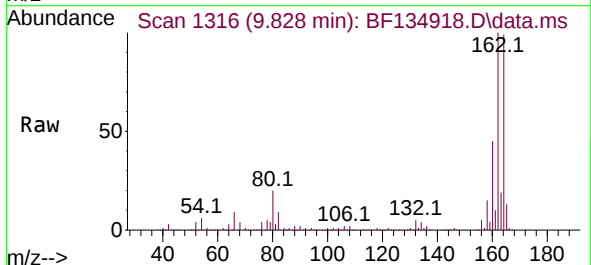
Instrument :
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TP-F

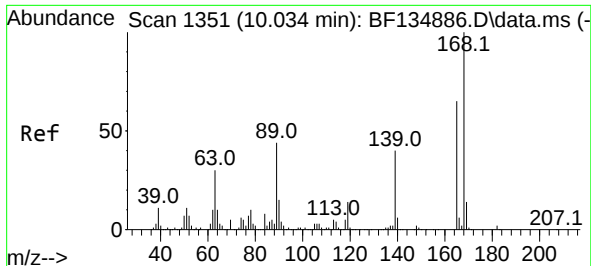
Tgt Ion:163 Resp: 88221
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 459.1 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.154 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

Tgt Ion:165 Resp: 53334
Ion Ratio Lower Upper
165 100
63 1.2 41.4 62.2#
89 1.6 40.9 61.3#

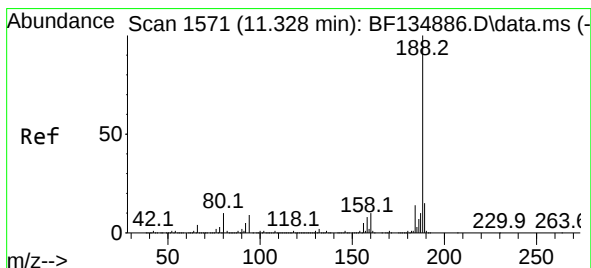
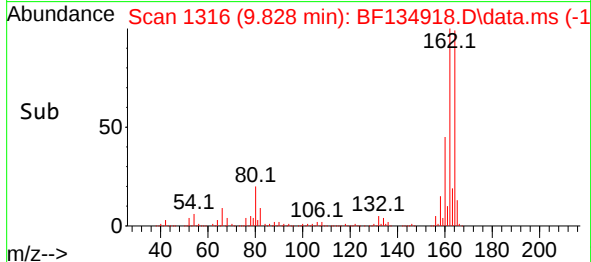
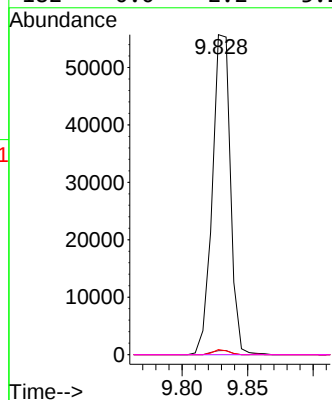
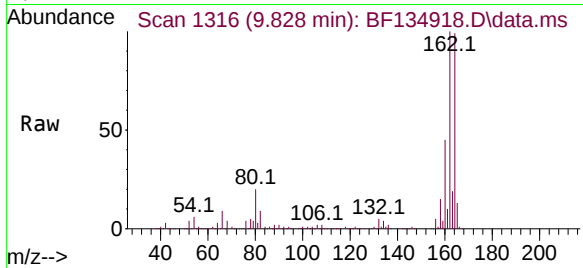




#57
2,4-Dinitrotoluene
Concen: 6.593 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.206 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

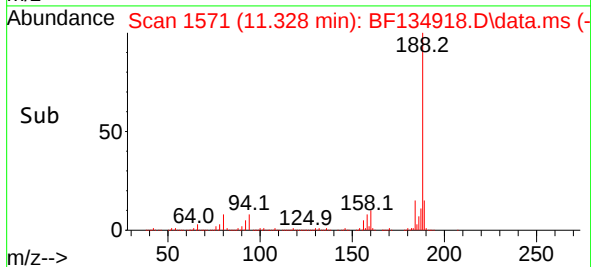
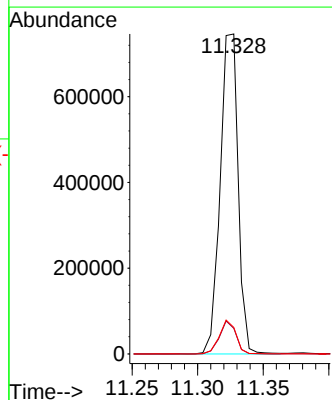
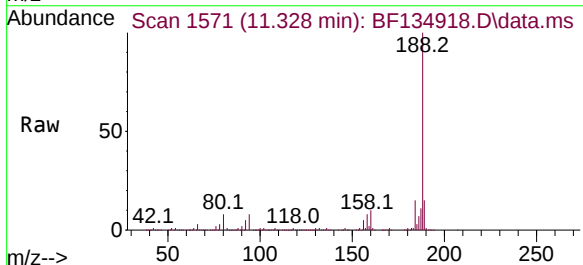
Instrument :
BNA_F
ClientSampleId :
TP-F

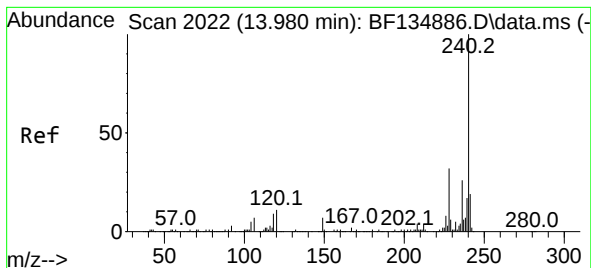
Tgt Ion:	165	Resp:	53334
Ion Ratio	Lower	Upper	
165	100		
63	1.2	37.7	56.5#
89	1.6	54.2	81.4#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF134918.D
Acq: 24 Aug 2023 11:57

Tgt Ion:	188	Resp:	714450
Ion Ratio	Lower	Upper	
188	100		
94	8.0	7.5	11.3
80	8.3	7.8	11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF134918.D

Acq: 24 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

TP-F

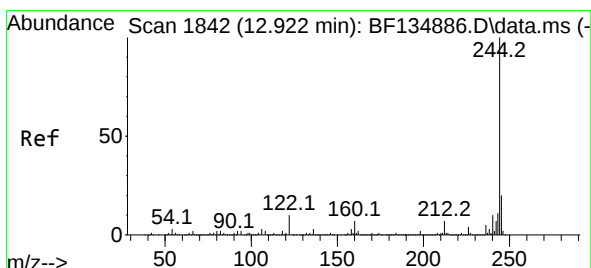
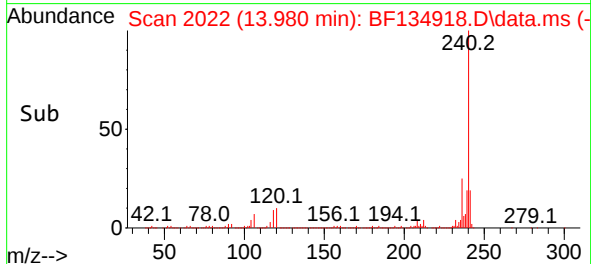
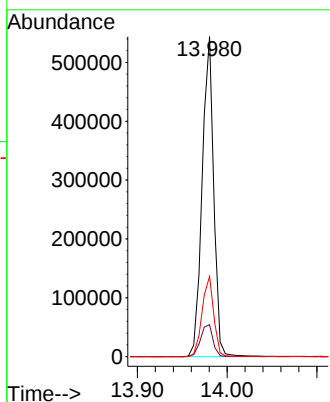
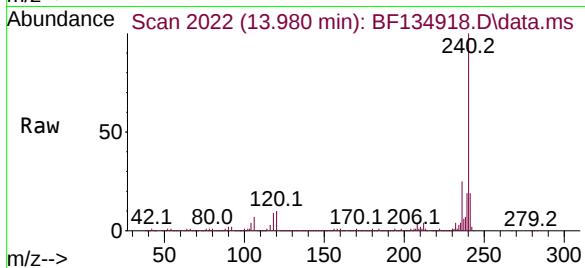
Tgt Ion:240 Resp: 485870

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.1 20.6 31.0



#79

Terphenyl-d14

Concen: 17.739 ng

RT: 12.922 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF134918.D

Acq: 24 Aug 2023 11:57

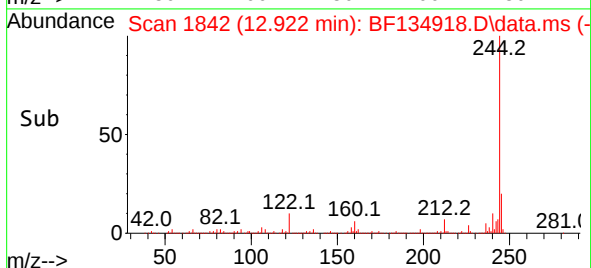
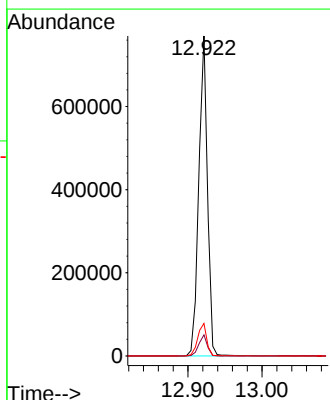
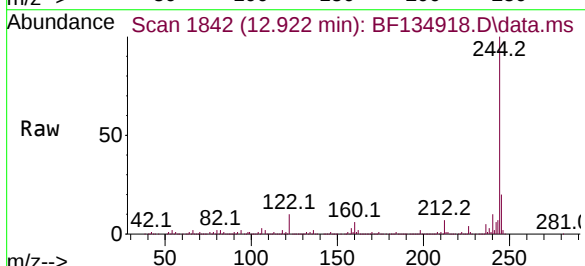
Tgt Ion:244 Resp: 626654

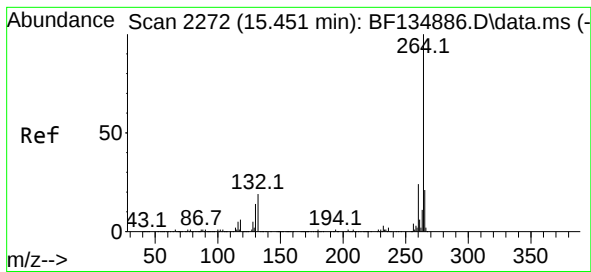
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.1 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134918.D

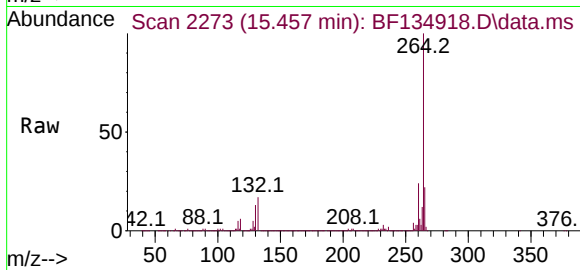
Acq: 24 Aug 2023 11:57

Instrument :

BNA_F

ClientSampleId :

TP-F



Tgt Ion:264 Resp: 541903

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.1 17.1 25.7

