

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134150.D
 Acq On : 08 Jul 2023 16:00
 Operator : CG\JU
 Sample : 03510-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:37:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

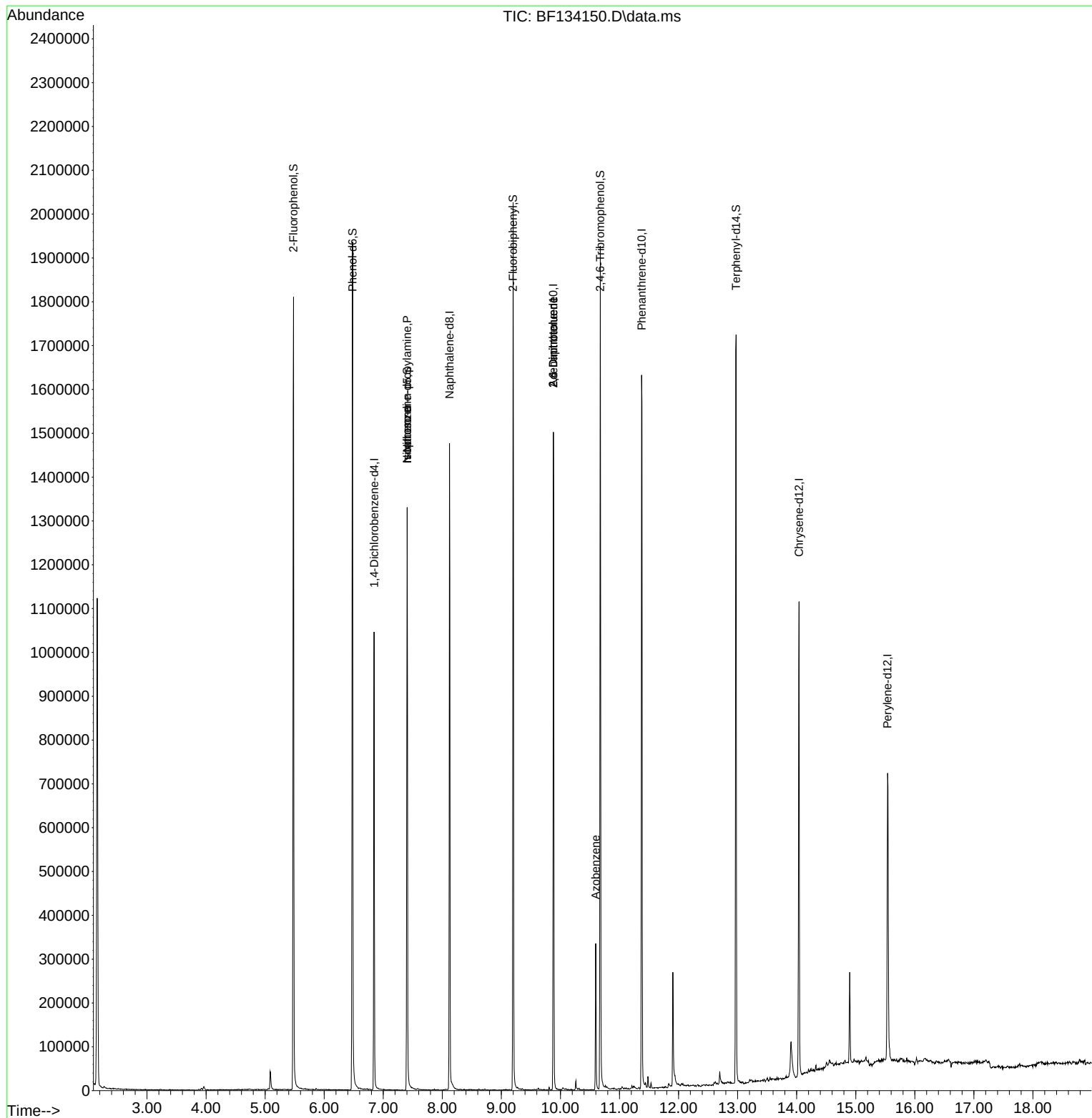
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	144630	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	631111	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	298744	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	647387	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	376535	20.000	ng	-0.01
86) Perylene-d12	15.539	264	337352	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	463697	53.630	ng	0.00
7) Phenol-d6	6.481	99	586898	55.196	ng	-0.01
23) Nitrobenzene-d5	7.404	82	395732	33.801	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	215257	57.468	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	581362	28.293	ng	-0.01
79) Terphenyl-d14	12.974	244	640375	27.371	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1132	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	55941	8.296 ng	#	78
25) Isophorone	7.404	82	395730	18.598 ng	#	64
51) 2,6-Dinitrotoluene	9.880	165	38014	8.139 ng	#	23
57) 2,4-Dinitrotoluene	9.880	165	38014	6.163 ng	#	22
63) Azobenzene	10.598	77	57310	2.682 ng	#	1

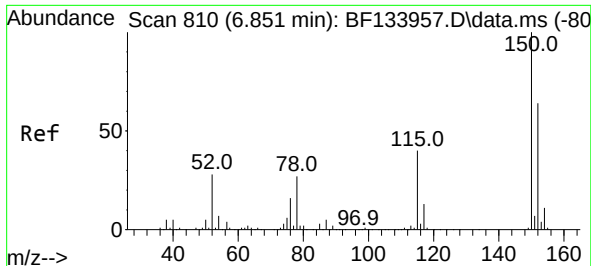
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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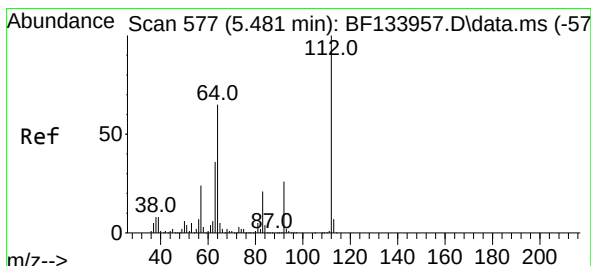
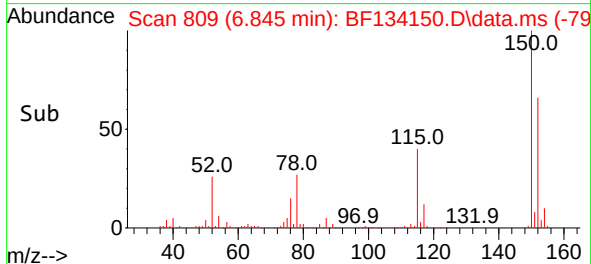
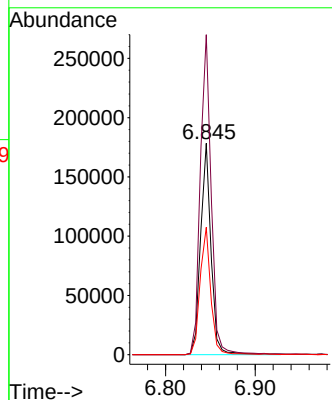
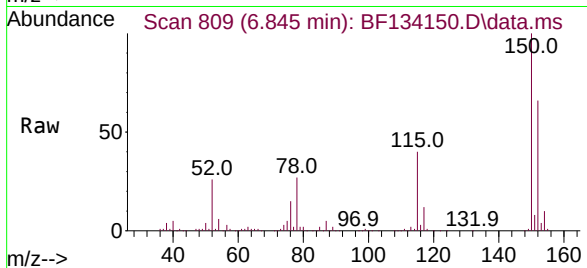




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134150.D
Acq: 08 Jul 2023 16:00

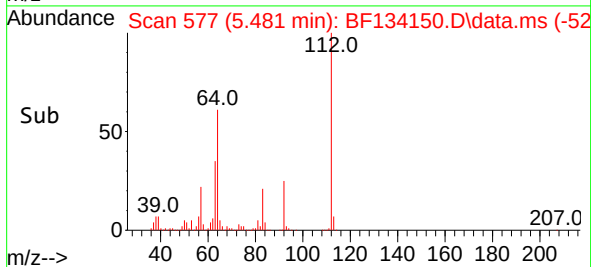
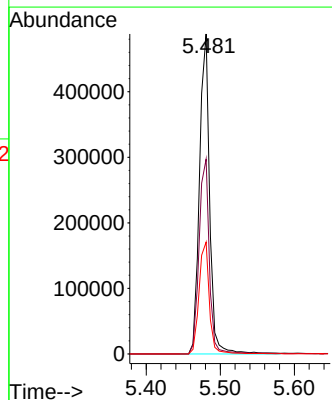
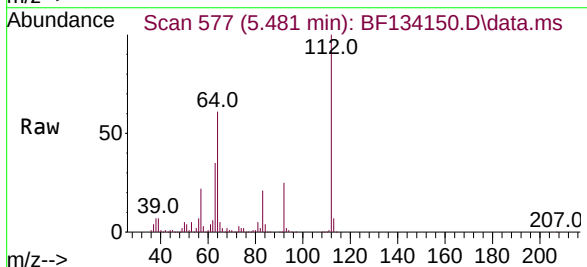
Instrument :
BNA_F
ClientSampleId :

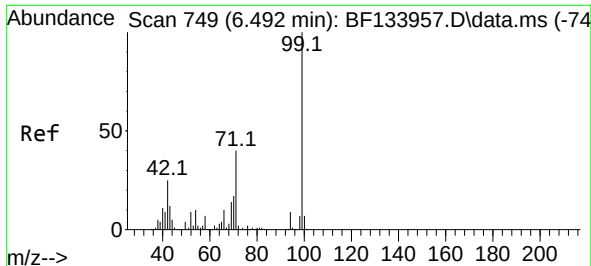
Tgt Ion:152 Resp: 144630
Ion Ratio Lower Upper
152 100
150 151.4 124.5 186.7
115 60.3 50.2 75.2



#5
2-Fluorophenol
Concen: 53.630 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134150.D
Acq: 08 Jul 2023 16:00

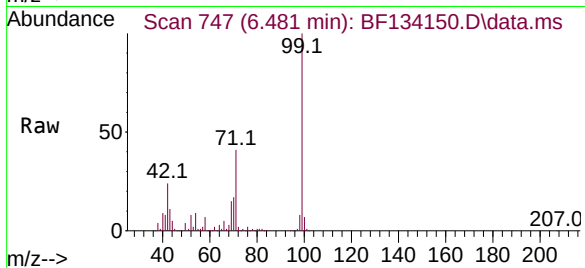
Tgt Ion:112 Resp: 463697
Ion Ratio Lower Upper
112 100
64 60.9 52.1 78.1
63 34.9 28.6 42.8



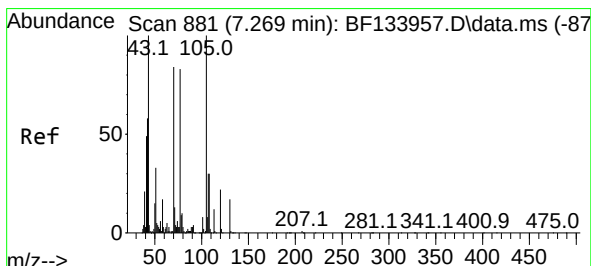
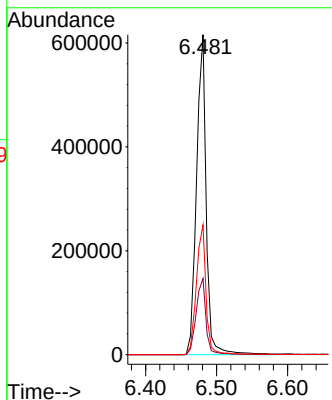
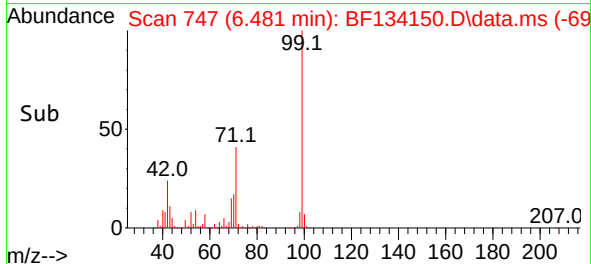


#7
Phenol-d6
Concen: 55.196 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134150.D
Acq: 08 Jul 2023 16:00

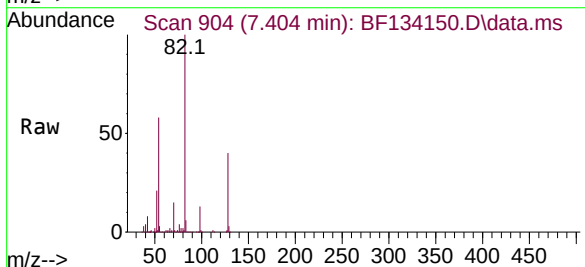
Instrument :
BNA_F
ClientSampleId :



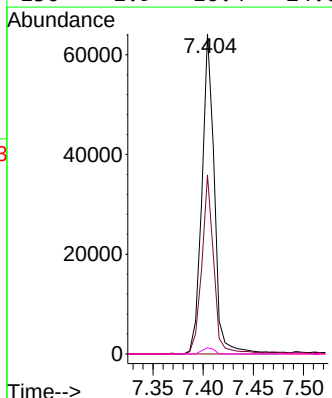
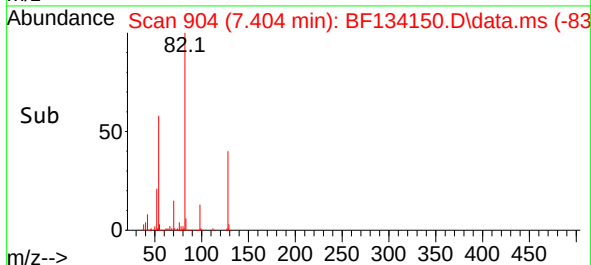
Tgt Ion: 99 Resp: 586898
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 40.6 31.9 47.9

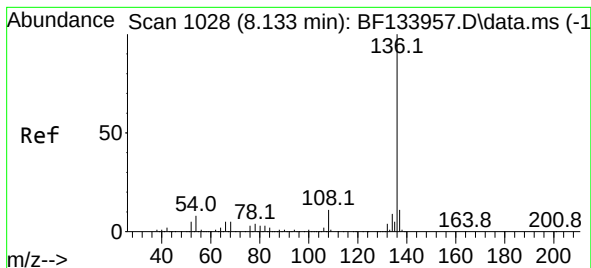


#19
n-Nitroso-di-n-propylamine
Concen: 8.296 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF134150.D
Acq: 08 Jul 2023 16:00



Tgt Ion: 70 Resp: 55941
Ion Ratio Lower Upper
70 100
42 56.0 54.7 82.1
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.012 min

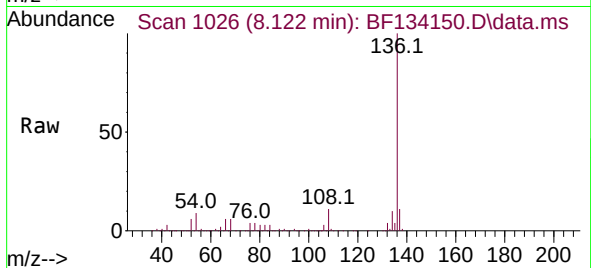
Lab File: BF134150.D

Acq: 08 Jul 2023 16:00

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 631111

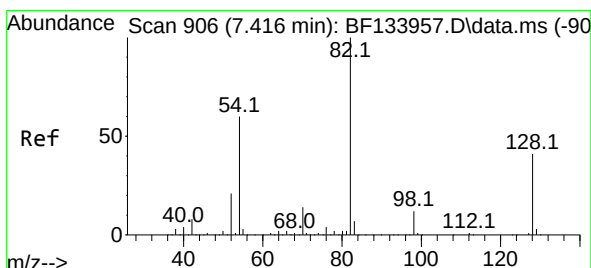
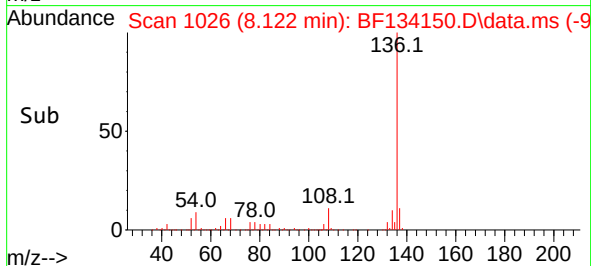
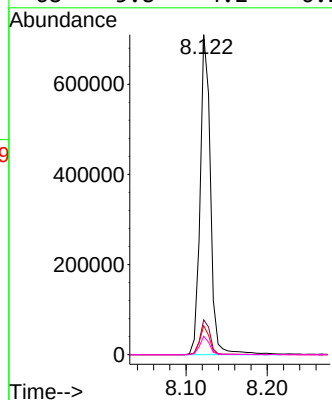
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.1 6.5 9.7

68 5.8 4.2 6.2



#23

Nitrobenzene-d5

Concen: 33.801 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.018 min

Lab File: BF134150.D

Acq: 08 Jul 2023 16:00

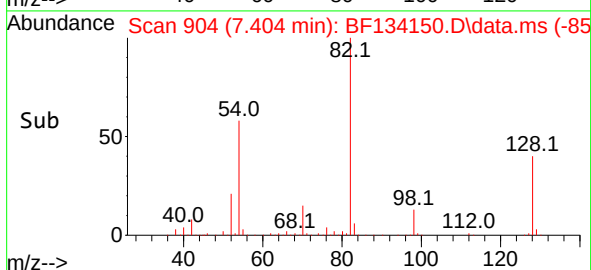
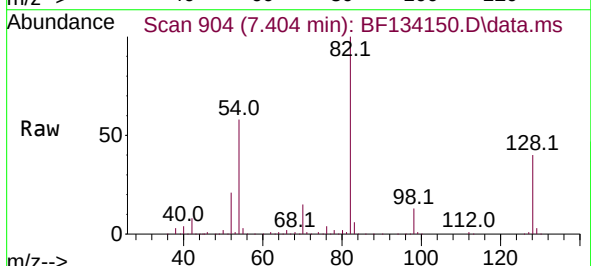
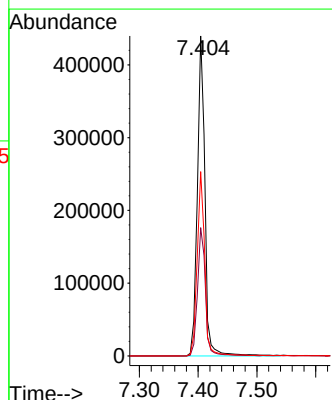
Tgt Ion: 82 Resp: 395732

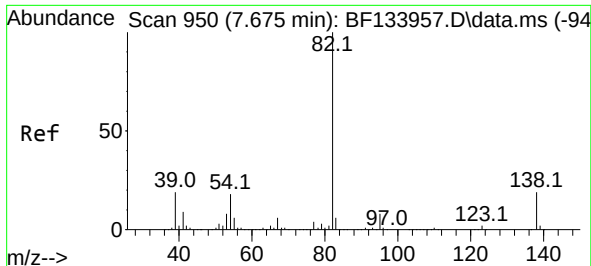
Ion Ratio Lower Upper

82 100

128 40.1 32.5 48.7

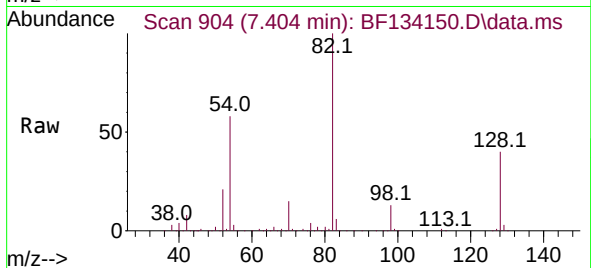
54 57.6 48.2 72.2



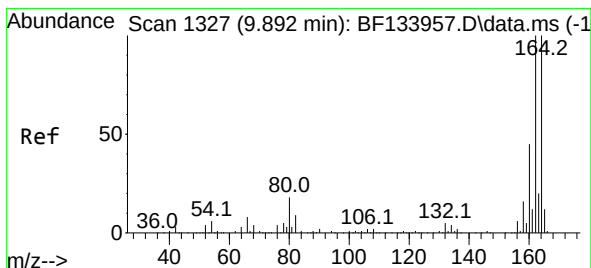
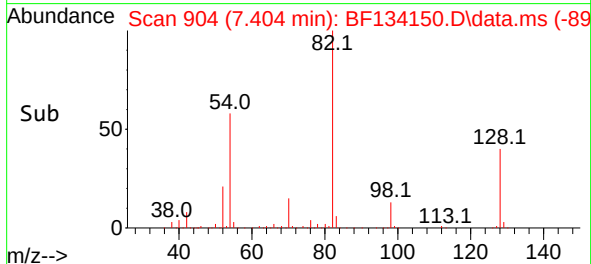
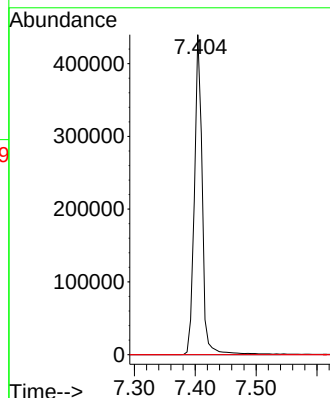


#25
Isophorone
Concen: 18.598 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF134150.D
Acq: 08 Jul 2023 16:00

Instrument :
BNA_F
ClientSampleId :

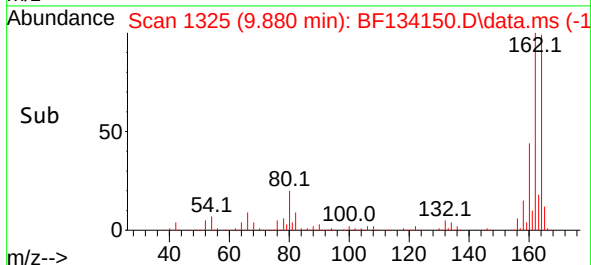
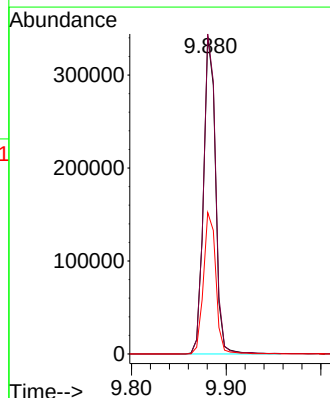
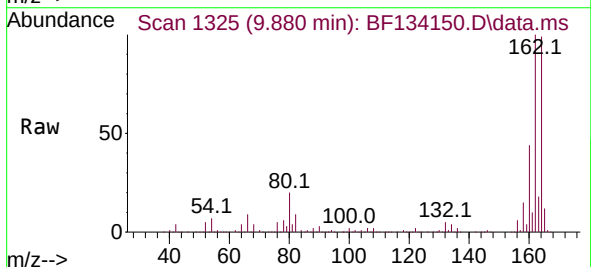


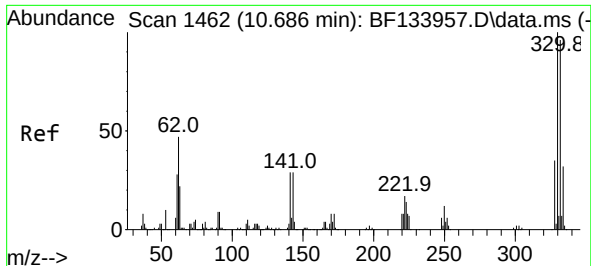
Tgt Ion: 82 Resp: 395730
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134150.D
Acq: 08 Jul 2023 16:00

Tgt Ion: 164 Resp: 298744
Ion Ratio Lower Upper
164 100
162 100.8 80.0 120.0
160 44.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 57.468 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

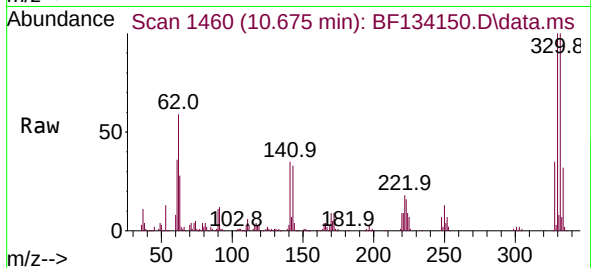
Lab File: BF134150.D

Acq: 08 Jul 2023 16:00

Instrument :

BNA_F

ClientSampleId :



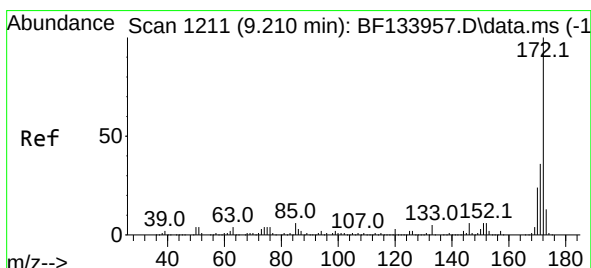
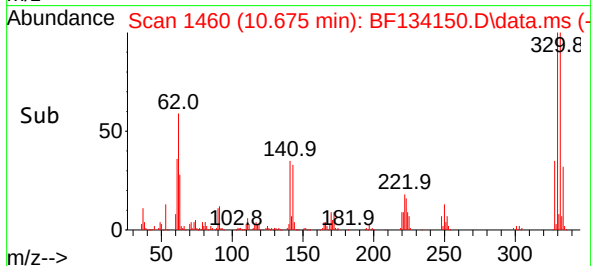
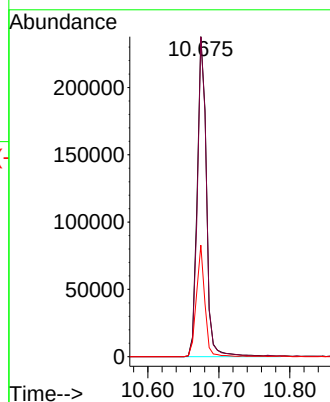
Tgt Ion:330 Resp: 215257

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

141 31.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 28.293 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF134150.D

Acq: 08 Jul 2023 16:00

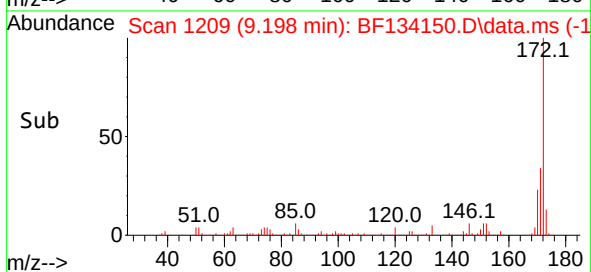
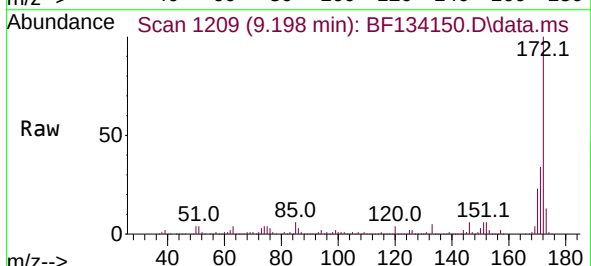
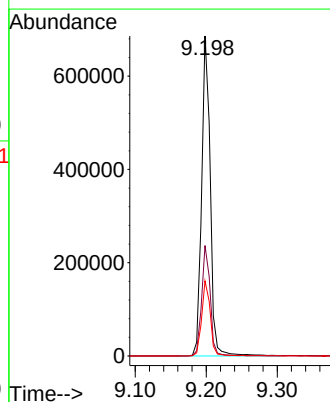
Tgt Ion:172 Resp: 581362

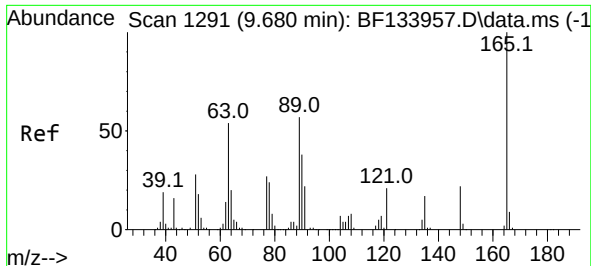
Ion Ratio Lower Upper

172 100

171 34.5 28.6 43.0

170 23.5 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.139 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134150.D

Acq: 08 Jul 2023 16:00

Instrument :

BNA_F

ClientSampleId :

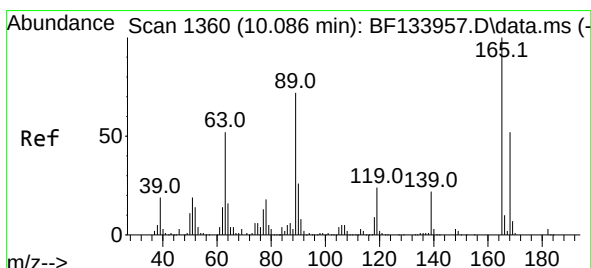
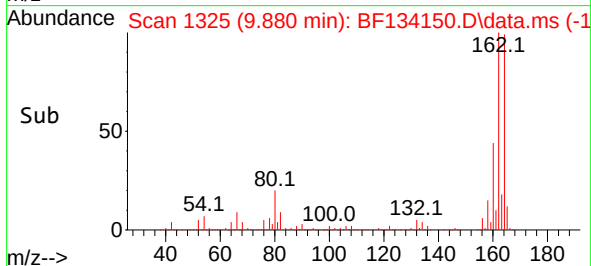
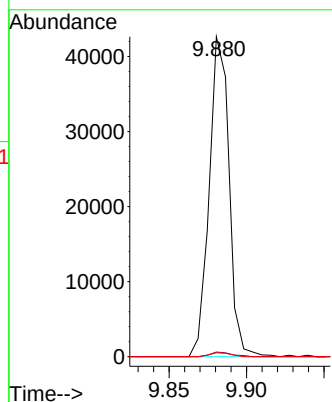
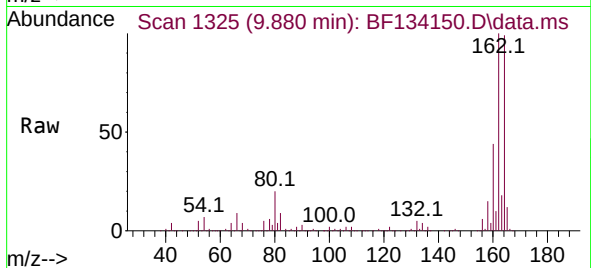
Tgt Ion:165 Resp: 38014

Ion Ratio Lower Upper

165 100

63 1.4 48.5 72.7#

89 1.2 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.163 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134150.D

Acq: 08 Jul 2023 16:00

Tgt Ion:165 Resp: 38014

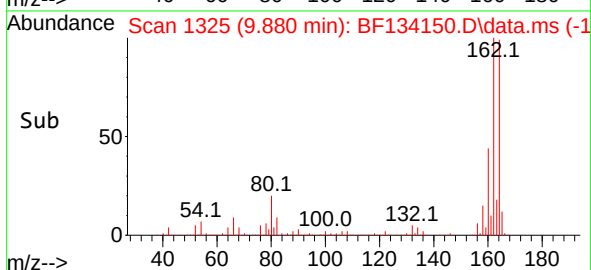
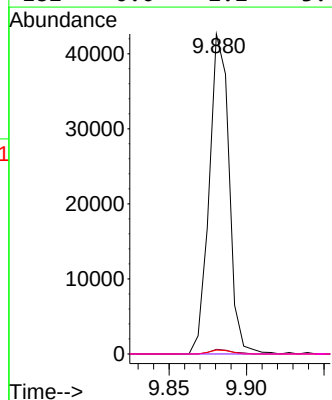
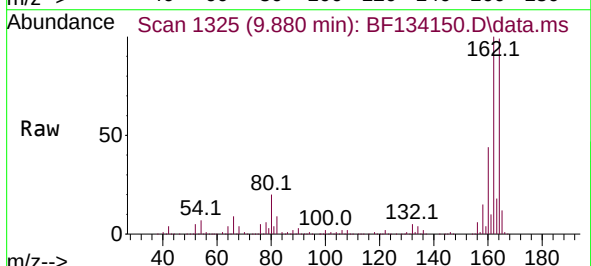
Ion Ratio Lower Upper

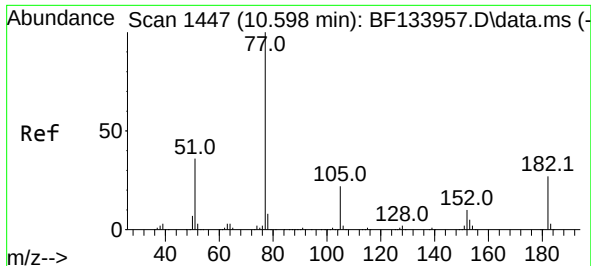
165 100

63 1.4 42.2 63.2#

89 1.2 57.4 86.2#

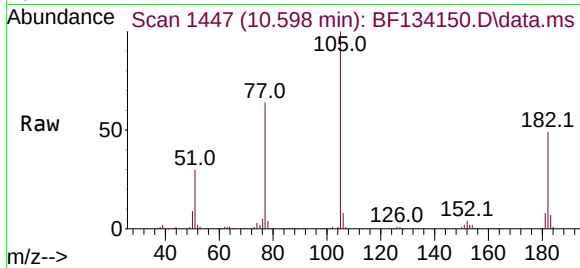
182 0.0 2.2 3.4#



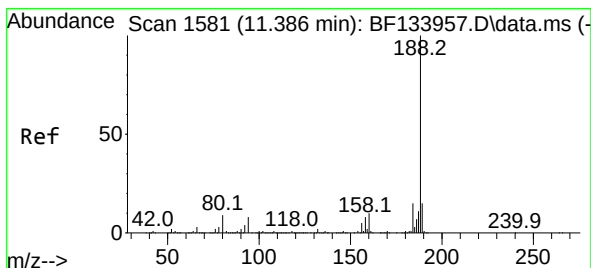
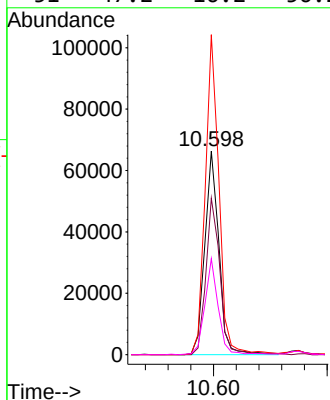
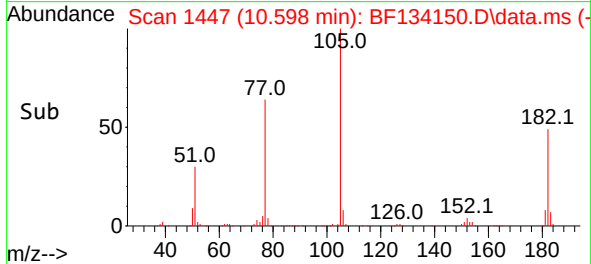


#63
Azobenzene
Concen: 2.682 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF134150.D
Acq: 08 Jul 2023 16:00

Instrument :
BNA_F
ClientSampleId :

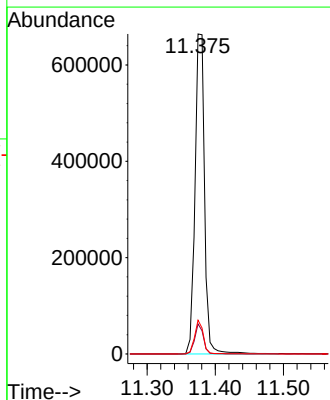
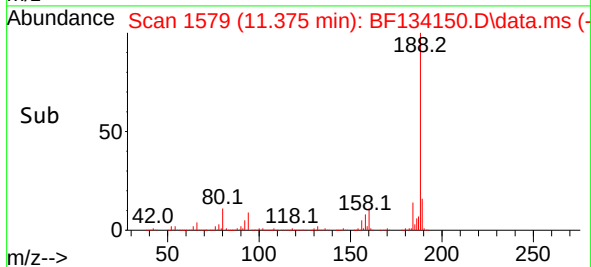
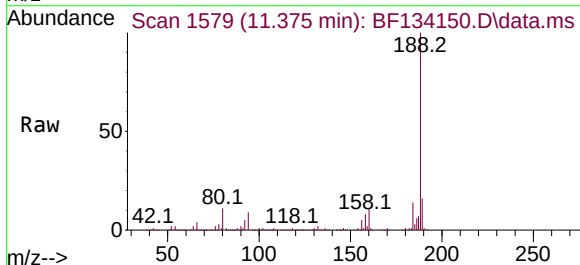


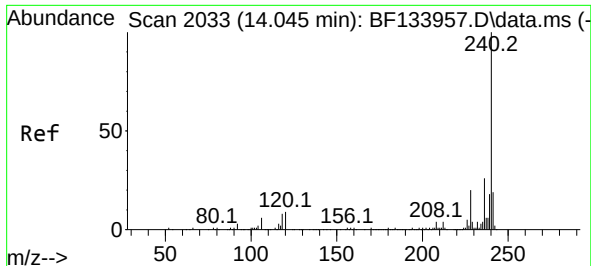
Tgt Ion: 77 Resp: 57310
Ion Ratio Lower Upper
77 100
182 76.9 6.8 46.8#
105 157.3 2.3 42.3#
51 47.2 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134150.D
Acq: 08 Jul 2023 16:00

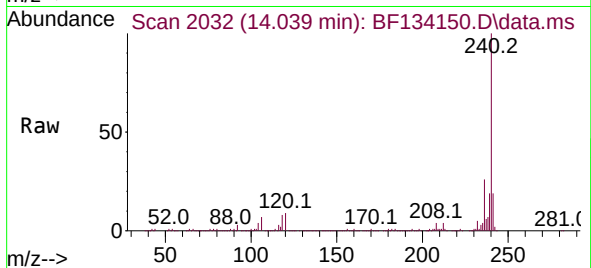
Tgt Ion:188 Resp: 647387
Ion Ratio Lower Upper
188 100
94 9.4 6.4 9.6
80 10.6 7.3 10.9



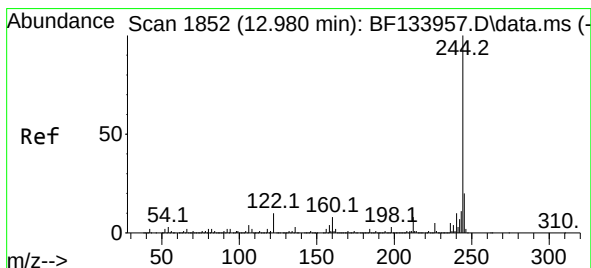
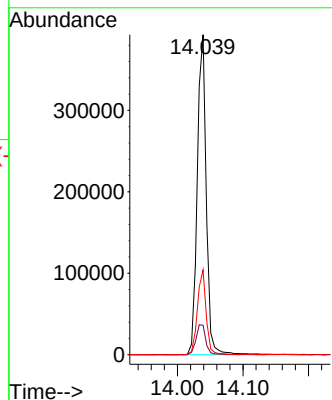
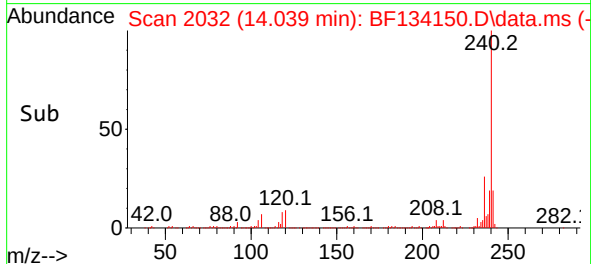


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134150.D
Acq: 08 Jul 2023 16:00

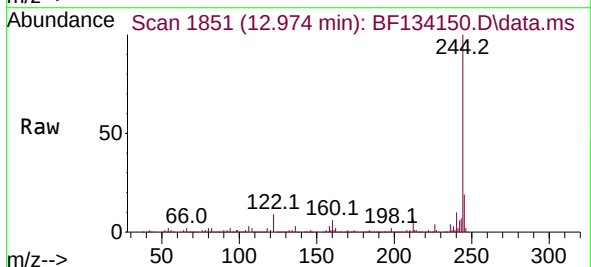
Instrument :
BNA_F
ClientSampleId :



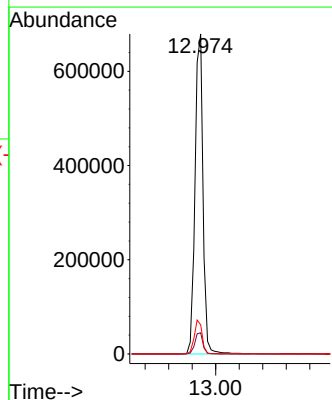
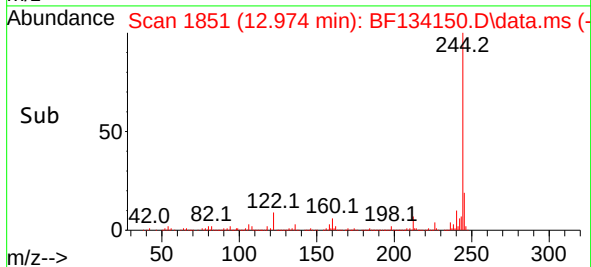
Tgt Ion:240 Resp: 376535
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.5 21.0 31.6

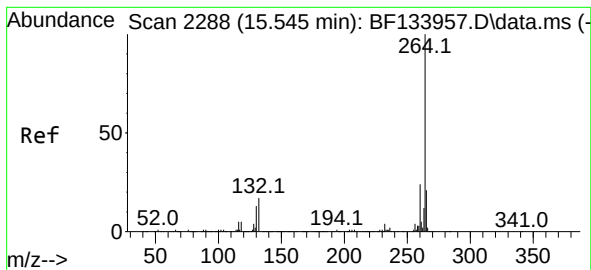


#79
Terphenyl-d14
Concen: 27.371 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134150.D
Acq: 08 Jul 2023 16:00



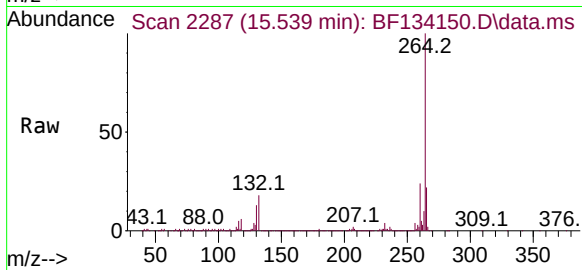
Tgt Ion:244 Resp: 640375
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 9.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF134150.D
 Acq: 08 Jul 2023 16:00

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 337352
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.7 16.6 25.0

