

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134227.D
 Acq On : 11 Jul 2023 23:01
 Operator : CG\JU
 Sample : 03412-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:57:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

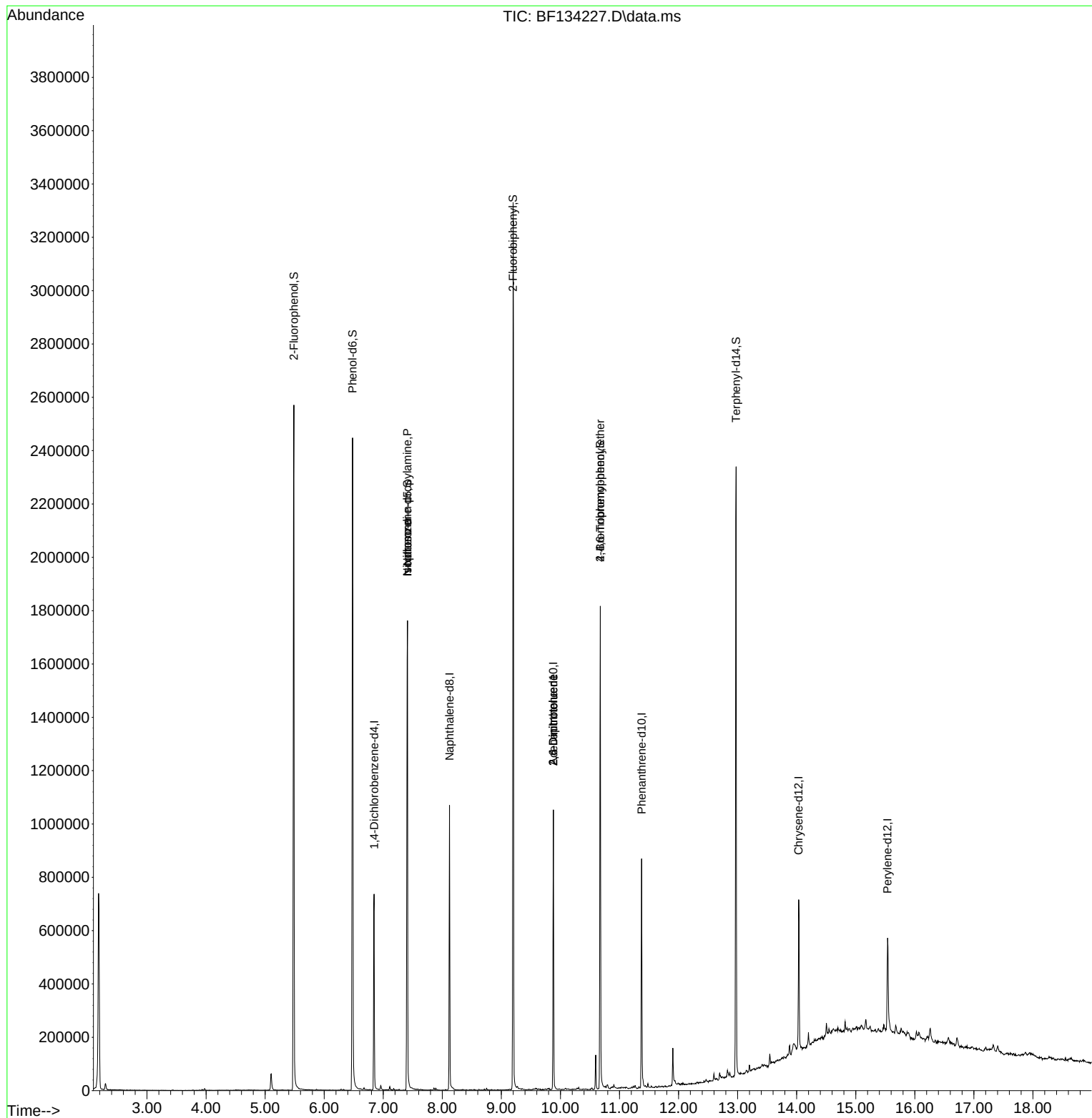
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	111330	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	419368	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	195847	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	311198	20.000	ng	0.00
76) Chrysene-d12	14.033	240	206113	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	180802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	692905	104.111	ng	0.01
7) Phenol-d6	6.481	99	830346	101.449	ng	0.00
23) Nitrobenzene-d5	7.410	82	568659	73.095	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	216633	88.223	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1014095	75.283	ng	0.00
79) Terphenyl-d14	12.974	244	810696	63.303	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	1376	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	80282	15.467	ng	# 76
25) Isophorone	7.410	82	568659	40.219	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	23955	7.823	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	23955	5.924	ng	# 22
67) 4-Bromophenyl-phenylether	10.674	248	13164	3.980	ng	# 1

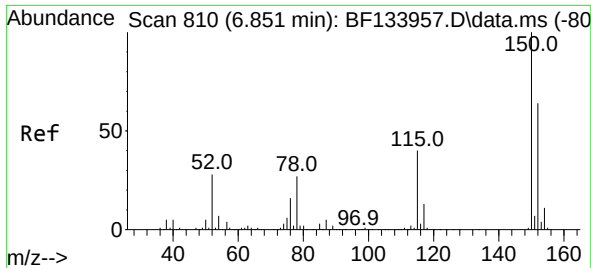
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134227.D
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Misc :
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BNA_F
ClientSampleId :

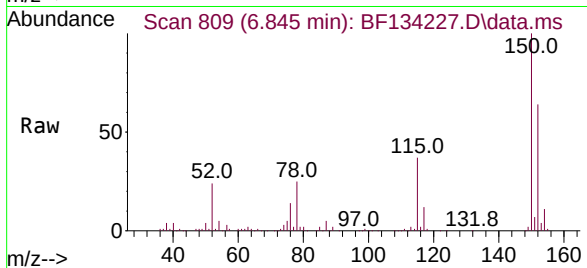
Quant Time: Jul 12 01:57:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
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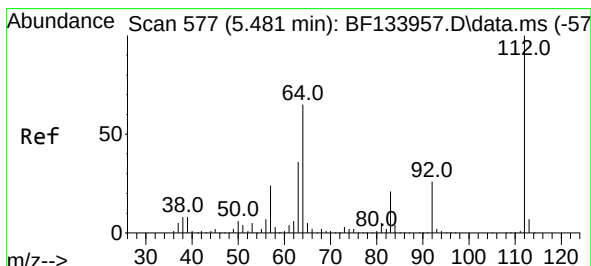
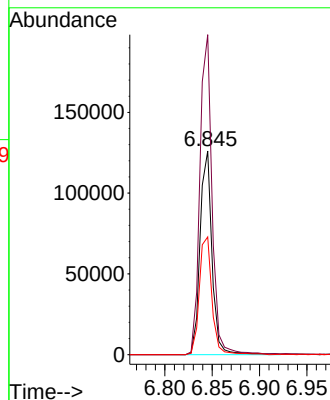
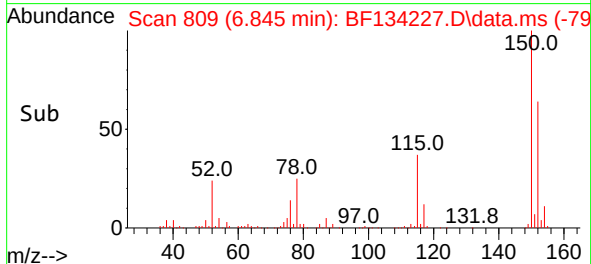


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

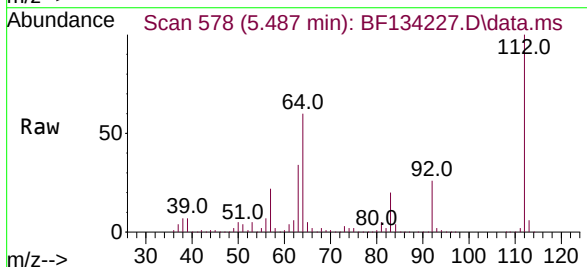
Instrument :
BNA_F
ClientSampleId :



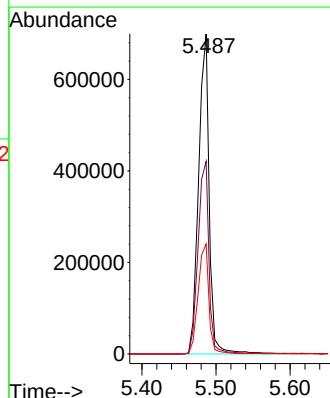
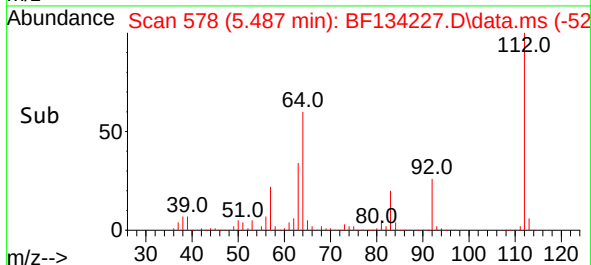
Tgt Ion:152 Resp: 111330
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 57.8 50.2 75.2

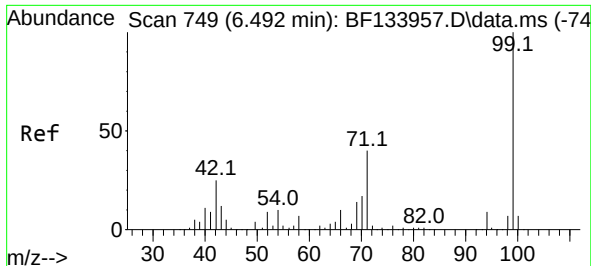


#5
2-Fluorophenol
Concen: 104.111 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01



Tgt Ion:112 Resp: 692905
Ion Ratio Lower Upper
112 100
64 60.1 52.1 78.1
63 34.3 28.6 42.8

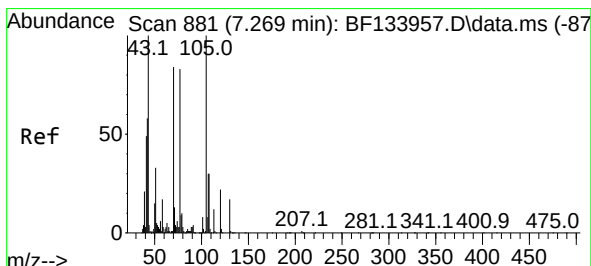
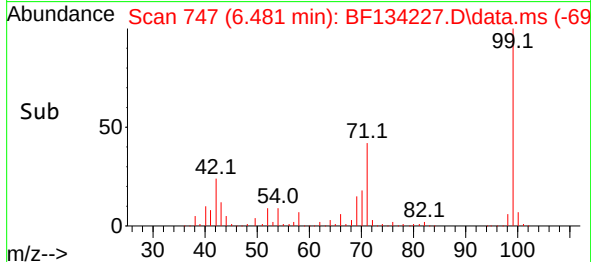
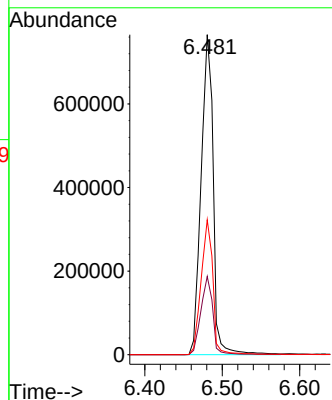
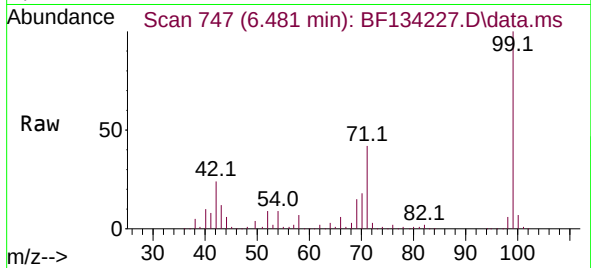




#7
Phenol-d6
Concen: 101.449 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

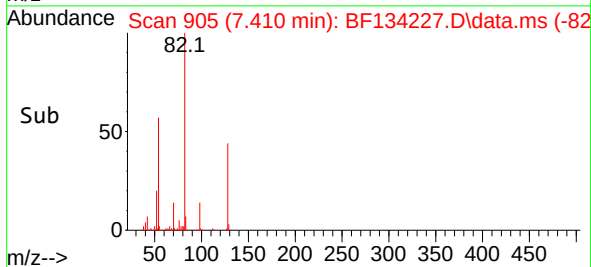
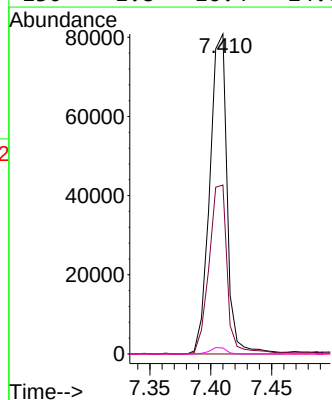
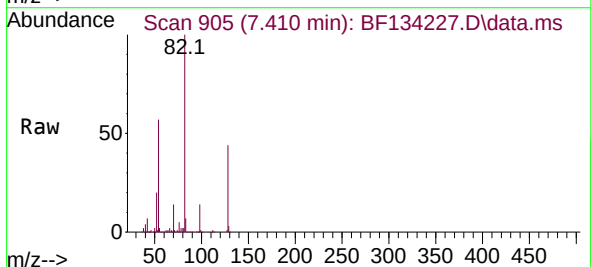
Instrument :
BNA_F
ClientSampleId :

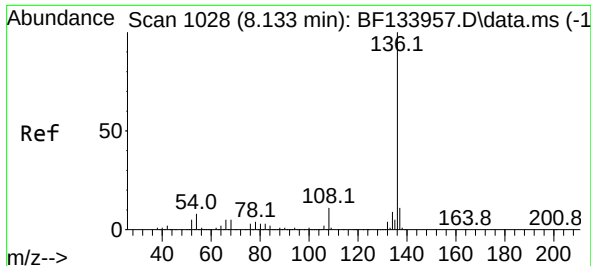
Tgt Ion: 99 Resp: 830346
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 42.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.467 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

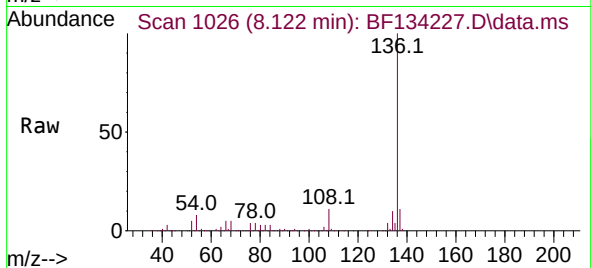
Tgt Ion: 70 Resp: 80282
Ion Ratio Lower Upper
70 100
42 52.8 54.7 82.1#
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



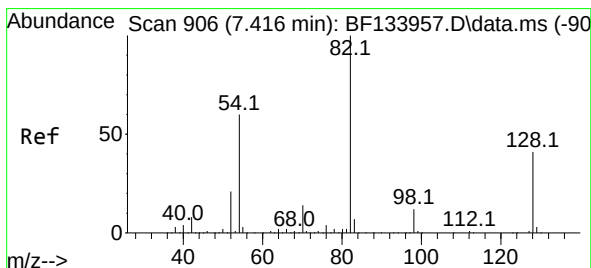
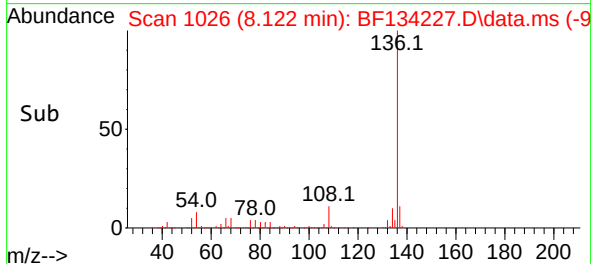
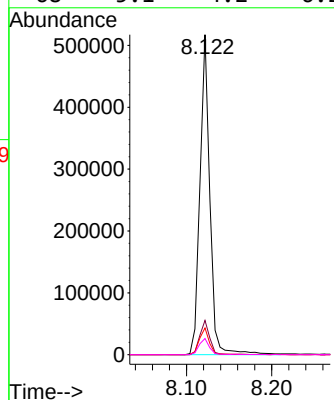


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

Instrument :
BNA_F
ClientSampleId :

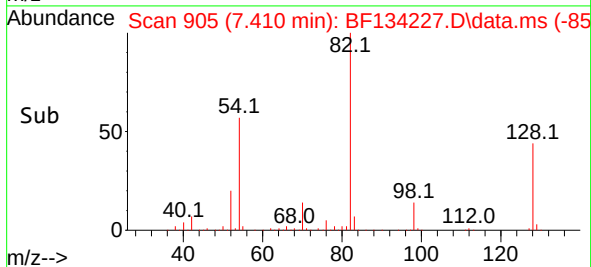
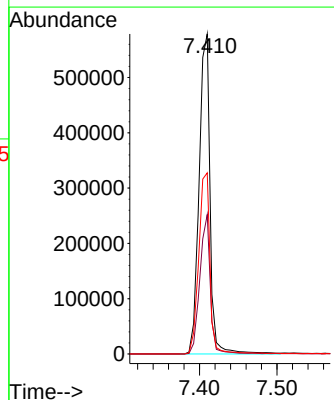
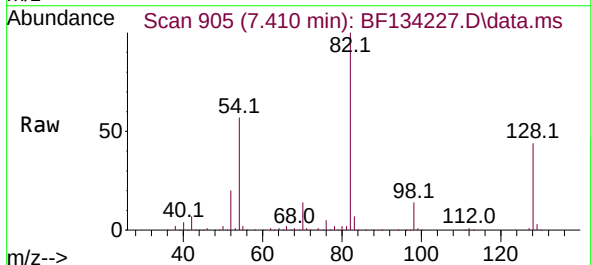


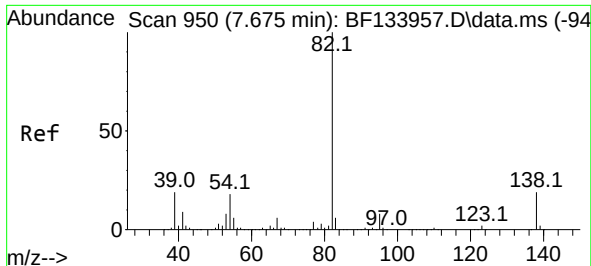
Tgt Ion:136 Resp: 419368
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.4 6.5 9.7
68 5.1 4.2 6.2



#23
Nitrobenzene-d5
Concen: 73.095 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

Tgt Ion: 82 Resp: 568659
Ion Ratio Lower Upper
82 100
128 43.5 32.5 48.7
54 56.6 48.2 72.2

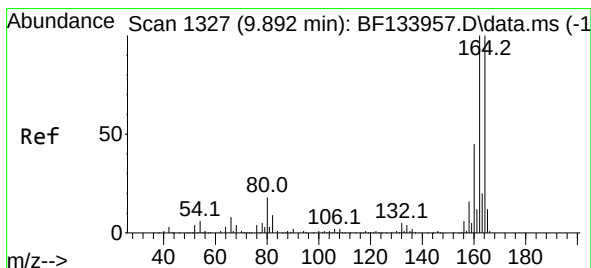
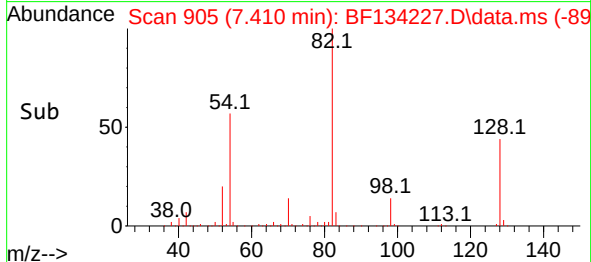
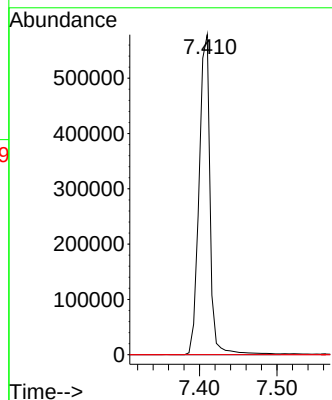
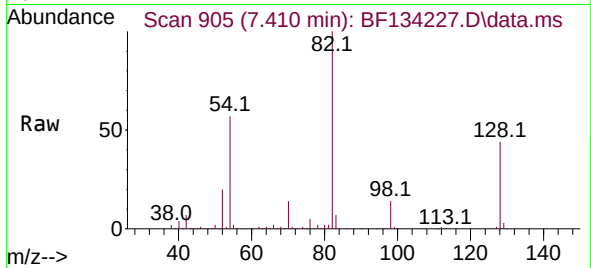




#25
Isophorone
Concen: 40.219 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

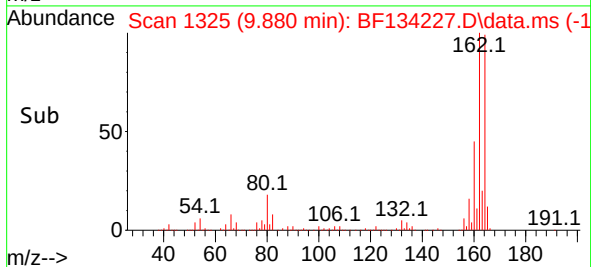
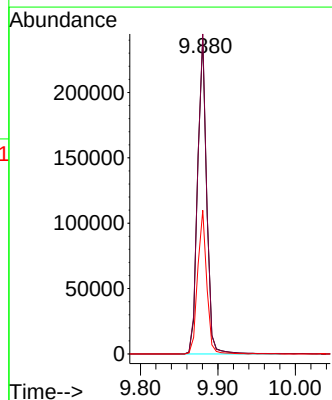
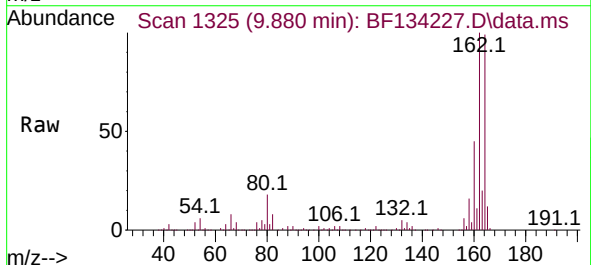
Instrument :
BNA_F
ClientSampleId :

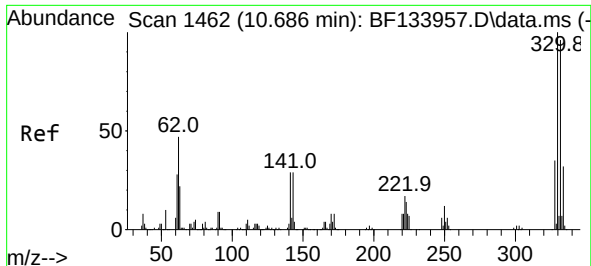
Tgt Ion: 82 Resp: 568659
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

Tgt Ion:164 Resp: 195847
Ion Ratio Lower Upper
164 100
162 101.4 80.0 120.0
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 88.223 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

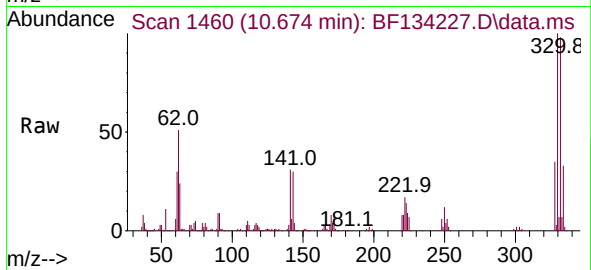
Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

Instrument :

BNA_F

ClientSampleId :



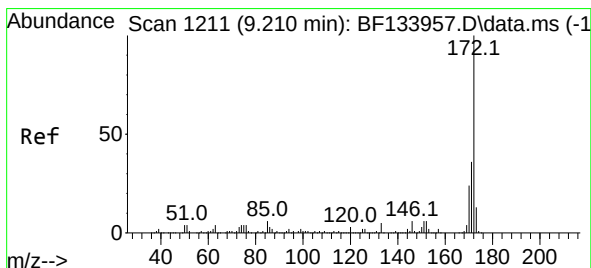
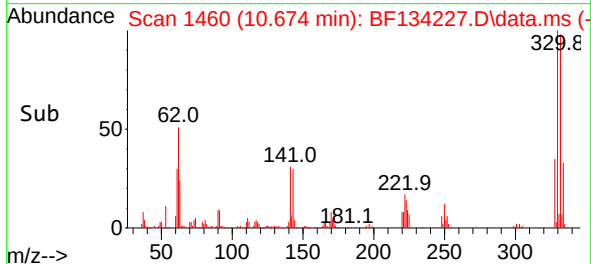
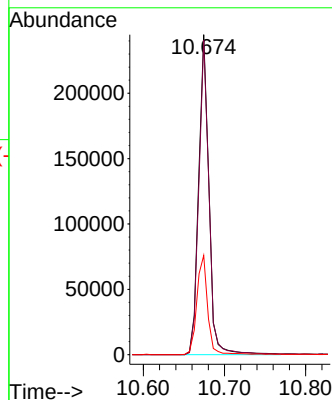
Tgt Ion:330 Resp: 216633

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

141 33.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 75.283 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

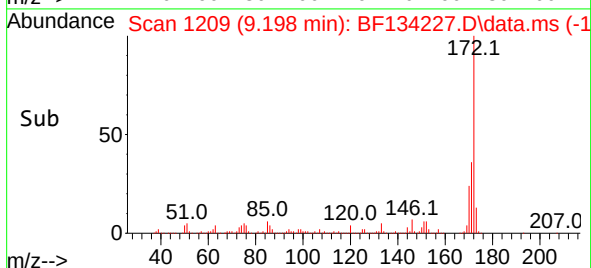
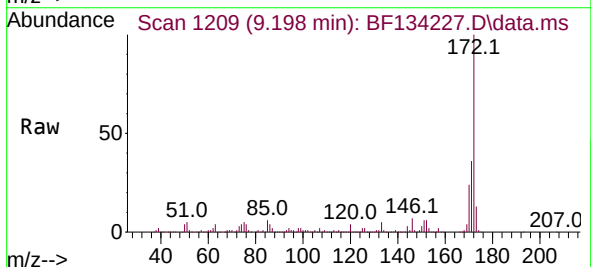
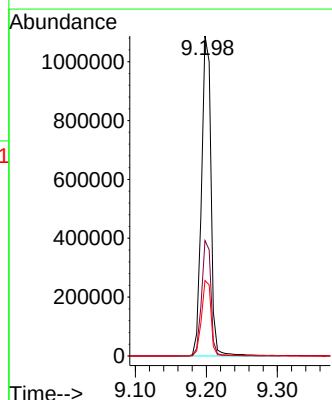
Tgt Ion:172 Resp: 1014095

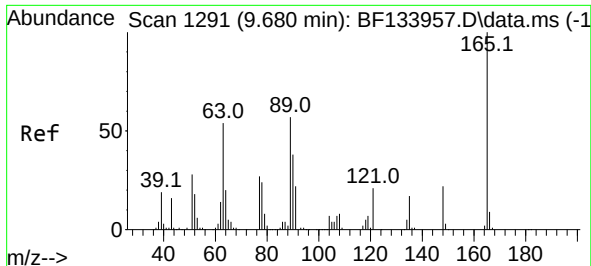
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.6 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 7.823 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

Instrument :

BNA_F

ClientSampleId :

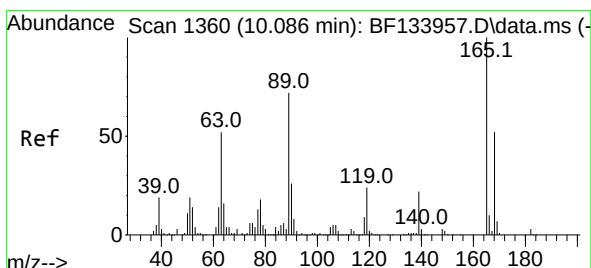
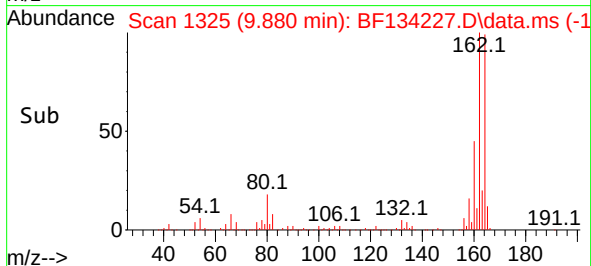
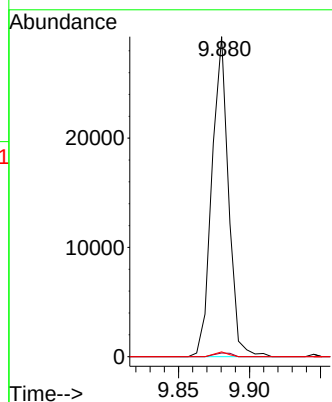
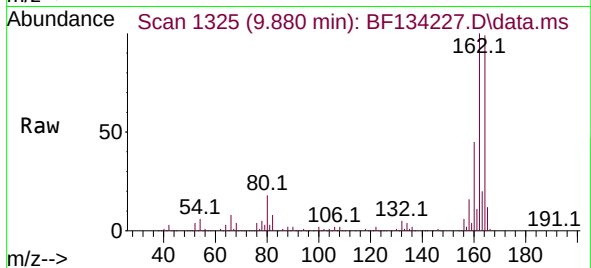
Tgt Ion:165 Resp: 23955

Ion Ratio Lower Upper

165 100

63 1.1 48.5 72.7#

89 1.5 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 5.924 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

Tgt Ion:165 Resp: 23955

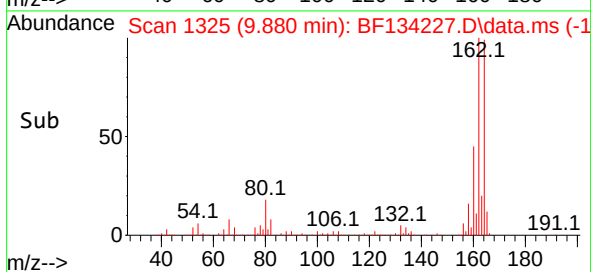
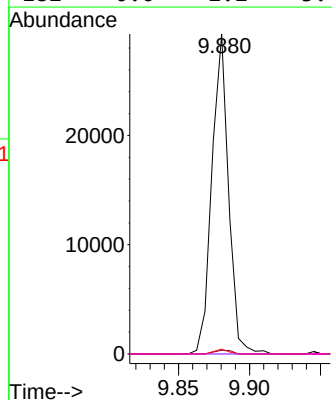
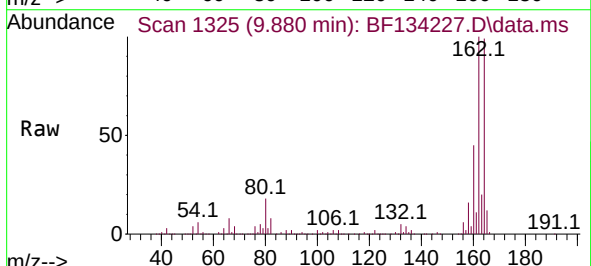
Ion Ratio Lower Upper

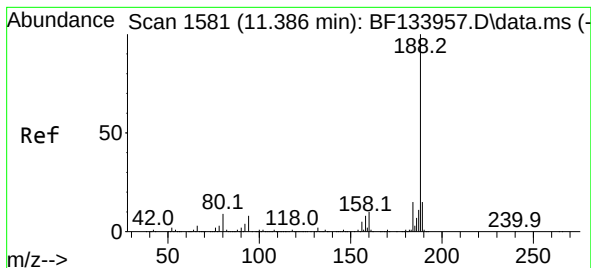
165 100

63 1.1 42.2 63.2#

89 1.5 57.4 86.2#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

Instrument :

BNA_F

ClientSampleId :

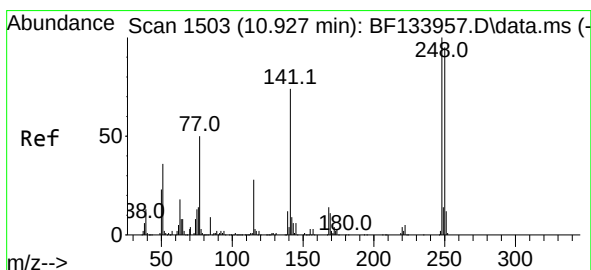
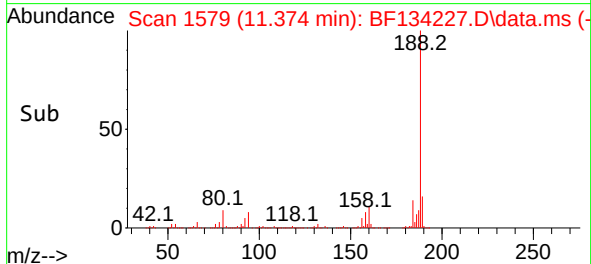
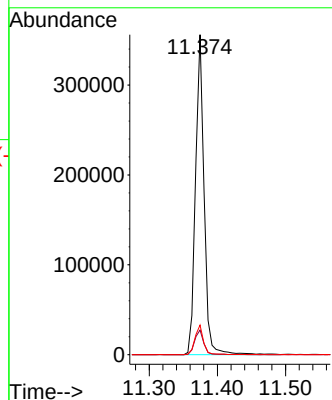
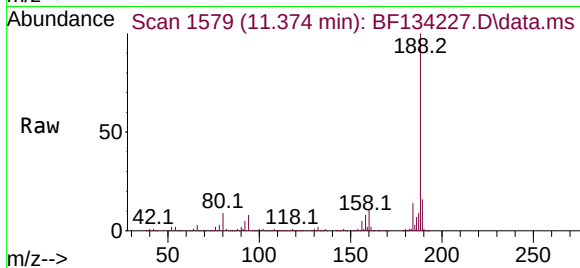
Tgt Ion:188 Resp: 311198

Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 9.3 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.980 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.247 min

Lab File: BF134227.D

Acq: 11 Jul 2023 23:01

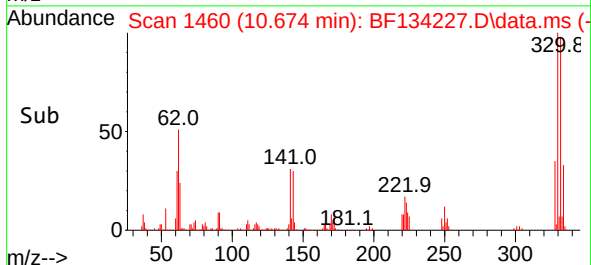
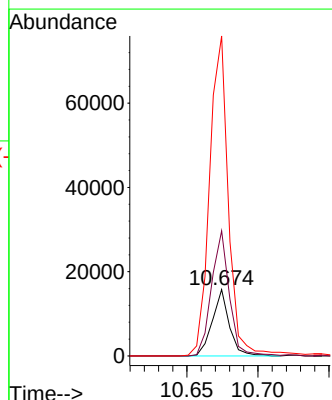
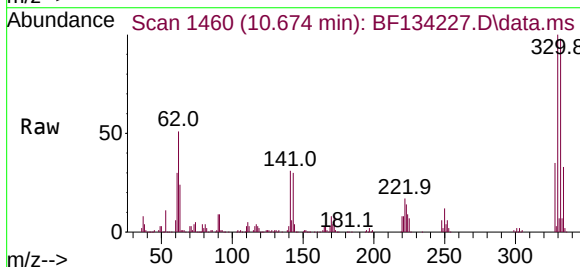
Tgt Ion:248 Resp: 13164

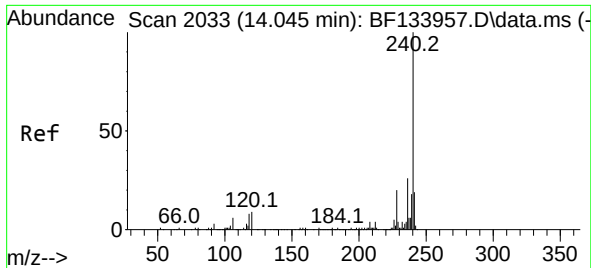
Ion Ratio Lower Upper

248 100

250 188.3 76.2 114.4#

141 481.6 59.0 88.4#

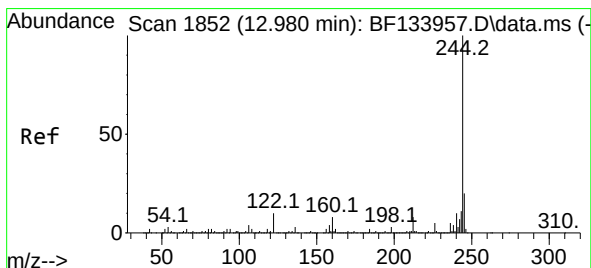
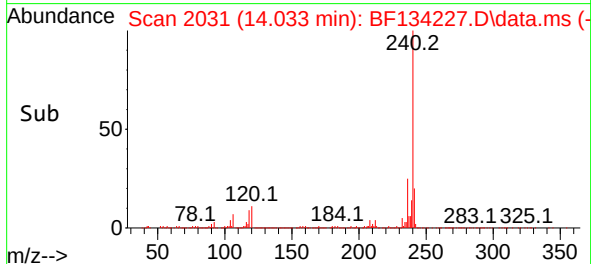
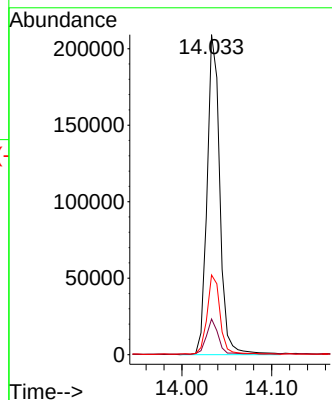
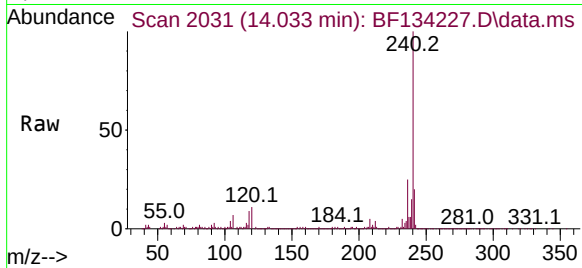




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

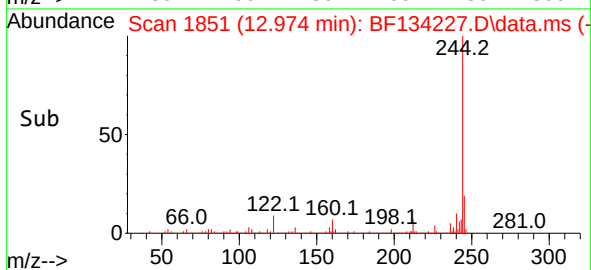
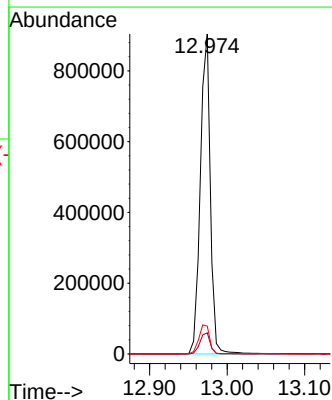
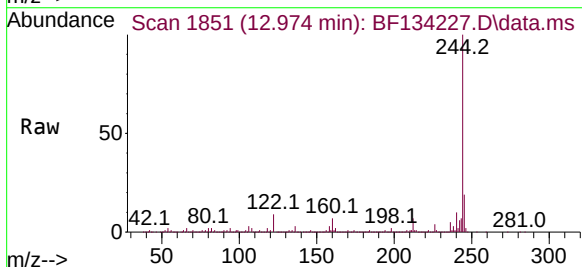
Instrument :
BNA_F
ClientSampleId :

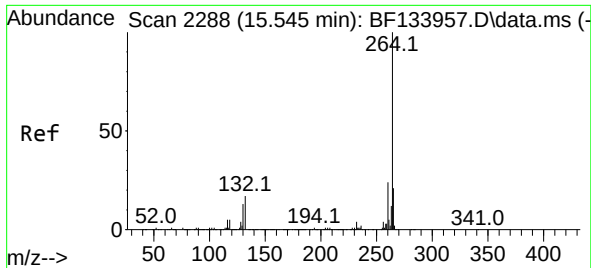
Tgt Ion:240 Resp: 206113
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.0#
236 24.9 21.0 31.6



#79
Terphenyl-d14
Concen: 63.303 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF134227.D
Acq: 11 Jul 2023 23:01

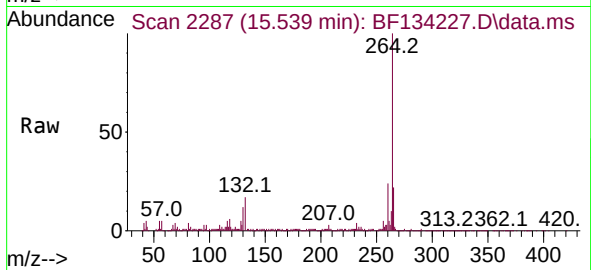
Tgt Ion:244 Resp: 810696
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 8.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134227.D
 Acq: 11 Jul 2023 23:01

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 180802
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.6 16.6 25.0

