

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138806.D
 Acq On : 06 Aug 2024 13:19
 Operator : RC/JU
 Sample : PB162267TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162267TB

Quant Time: Aug 06 13:48:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

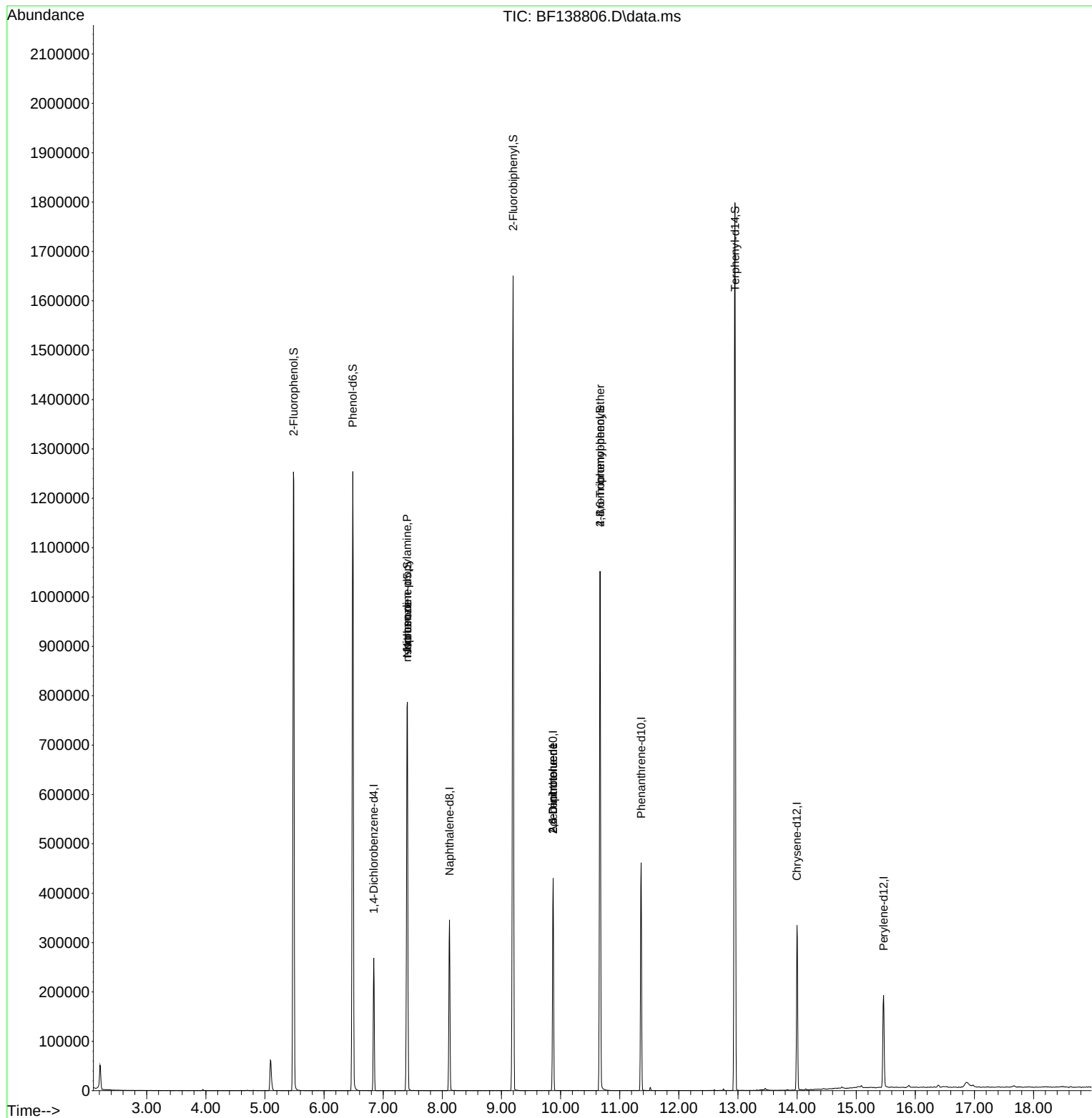
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	51259	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	214070	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	124665	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	235815	20.000	ng	0.00
76) Chrysene-d12	13.998	240	158113	20.000	ng	0.00
86) Perylene-d12	15.462	264	106451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	450960	135.805	ng	0.02
7) Phenol-d6	6.487	99	603175	135.293	ng	0.00
23) Nitrobenzene-d5	7.410	82	389048	88.854	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	161135	157.794	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	748330	90.191	ng	0.00
79) Terphenyl-d14	12.951	244	940607	99.601	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	53809	19.983	ng	# 76
25) Isophorone	7.410	82	386464	51.691	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	15774	8.768	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	15774	6.873	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	11647	4.562	ng	# 1

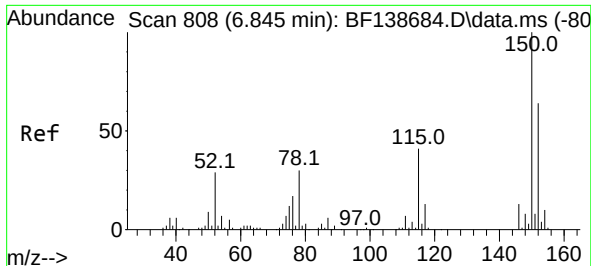
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

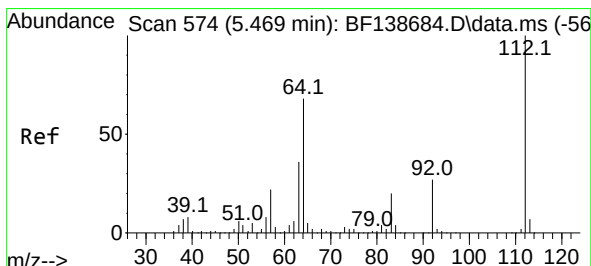
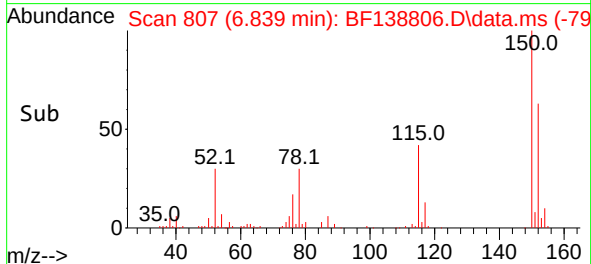
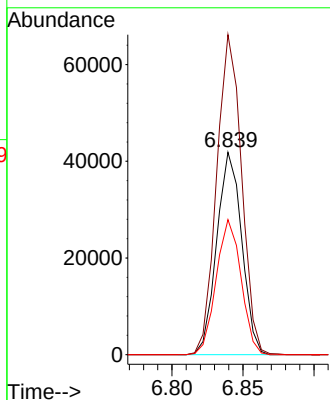
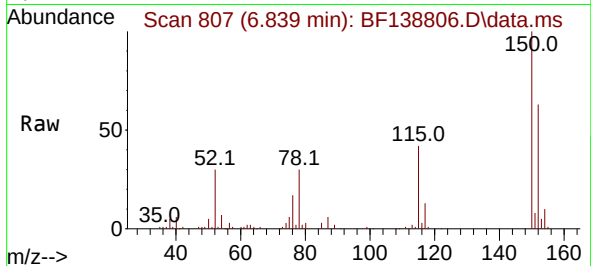




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

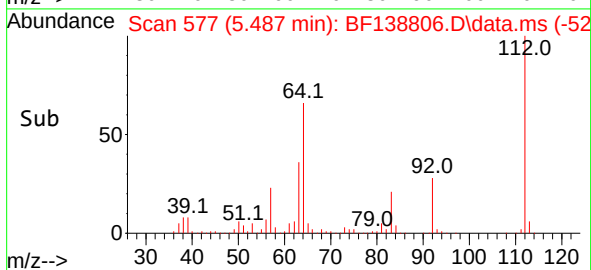
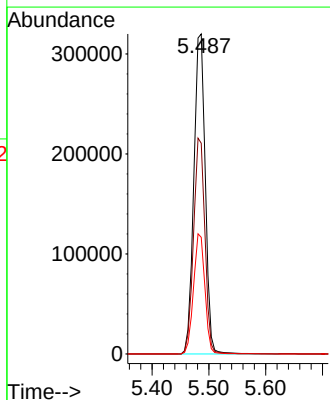
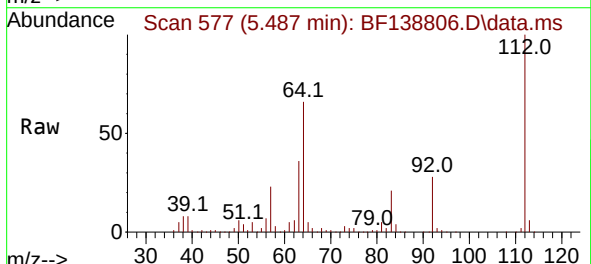
Instrument :
BNA_F
ClientSampleId :
PB162267TB

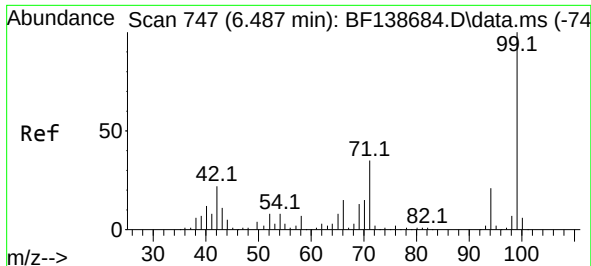
Tgt Ion:152 Resp: 51259
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 66.7 51.7 77.5



#5
2-Fluorophenol
Concen: 135.805 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

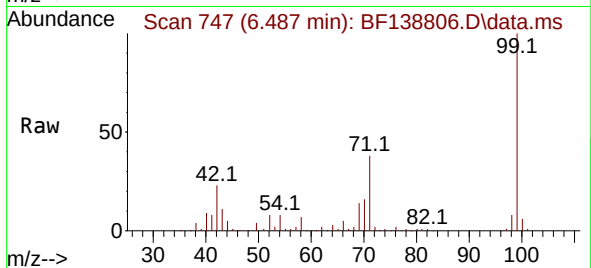
Tgt Ion:112 Resp: 450960
Ion Ratio Lower Upper
112 100
64 65.9 54.2 81.4
63 36.5 28.7 43.1



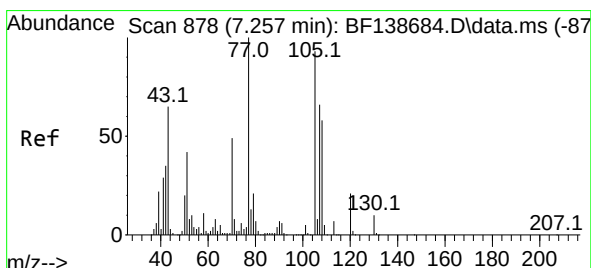
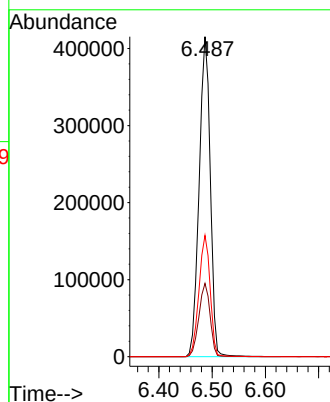
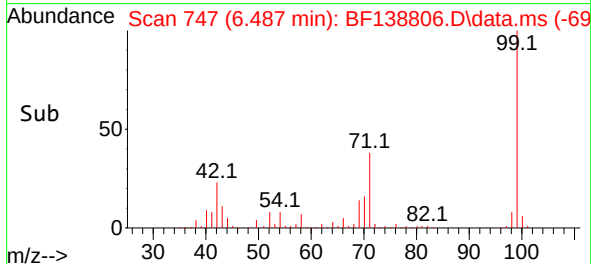


#7
Phenol-d6
Concen: 135.293 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

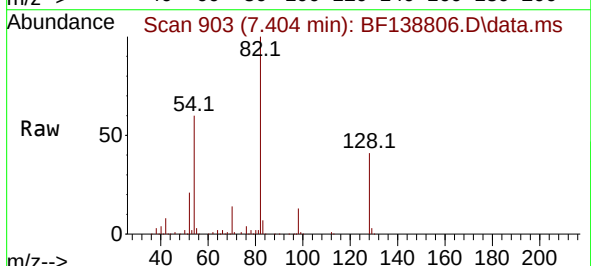
Instrument :
BNA_F
ClientSampleId :
PB162267TB



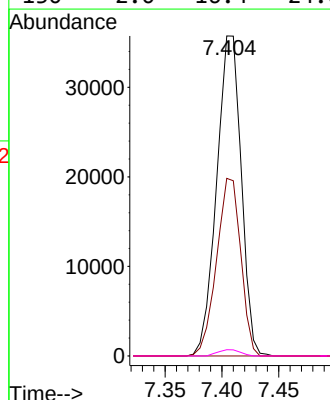
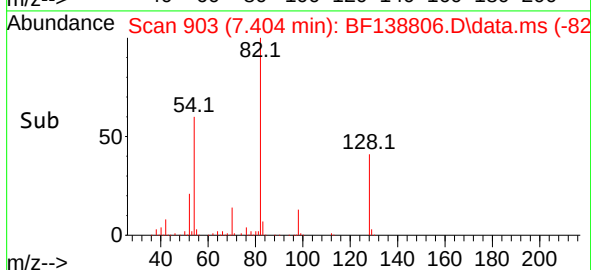
Tgt Ion: 99 Resp: 603175
Ion Ratio Lower Upper
99 100
42 22.9 17.4 26.0
71 37.9 28.1 42.1

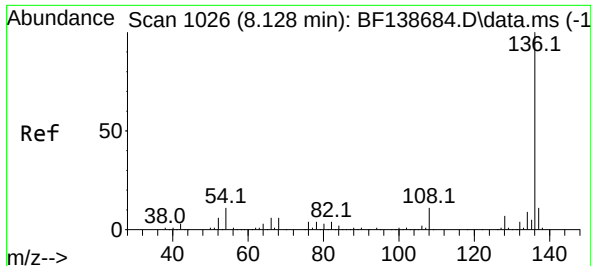


#19
n-Nitroso-di-n-propylamine
Concen: 19.983 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19



Tgt Ion: 70 Resp: 53809
Ion Ratio Lower Upper
70 100
42 55.5 57.4 86.0#
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

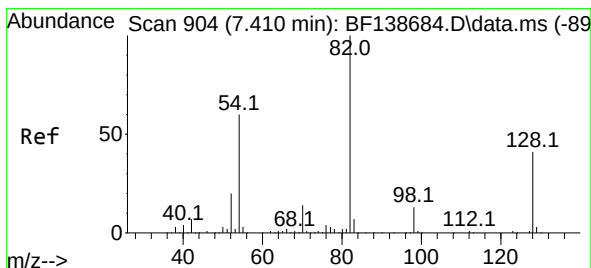
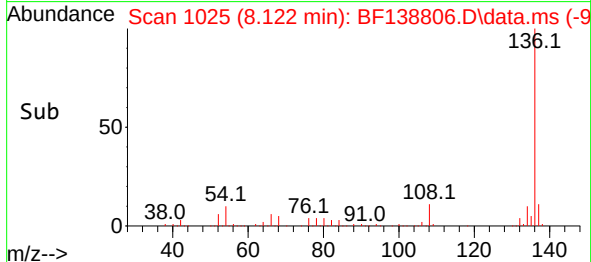
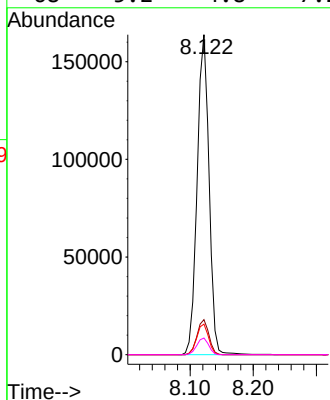
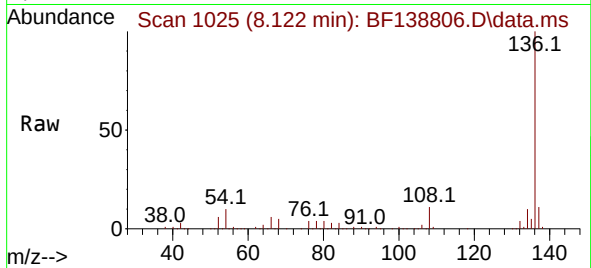




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

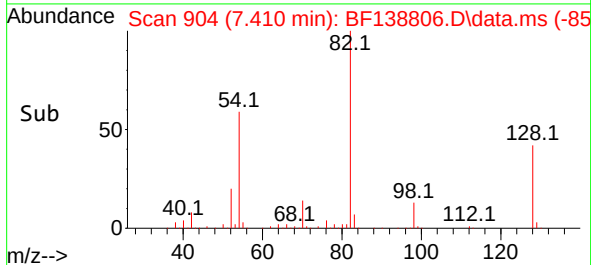
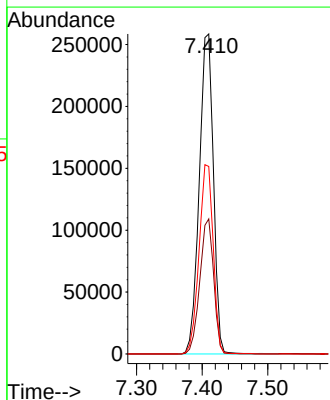
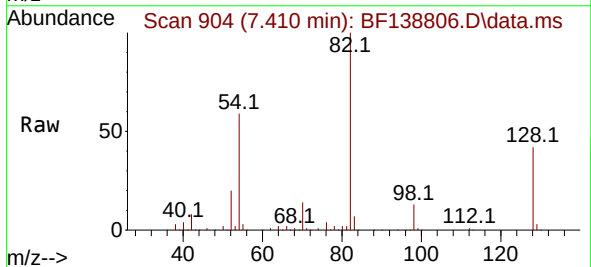
Instrument :
BNA_F
ClientSampleId :
PB162267TB

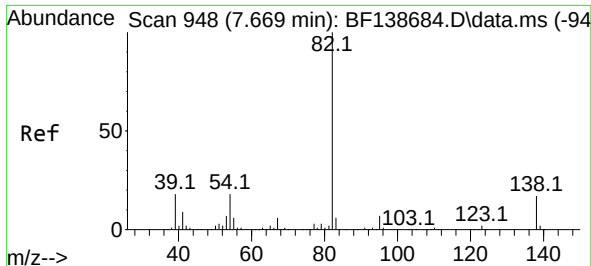
Tgt Ion:	136	Resp:	214070
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	8.6	12.8
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 88.854 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

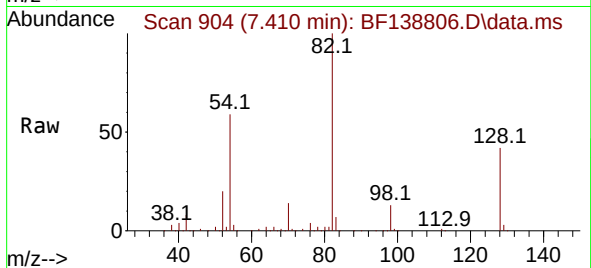
Tgt Ion:	82	Resp:	389048
Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.8	49.2
54	58.6	48.3	72.5



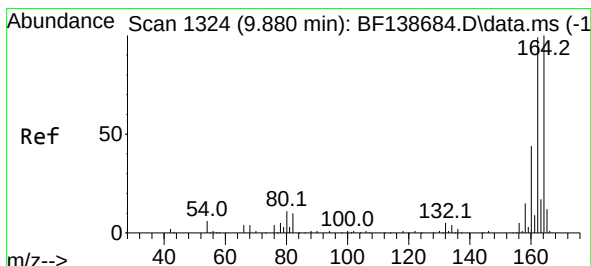
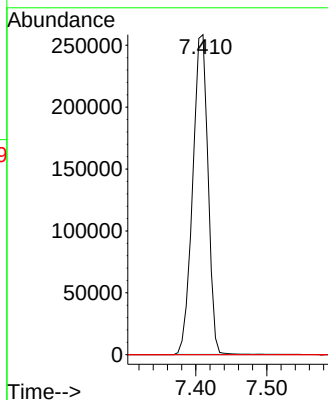
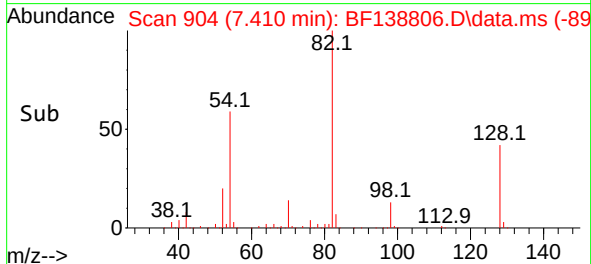


#25
Isophorone
Concen: 51.691 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

Instrument :
BNA_F
ClientSampleId :
PB162267TB

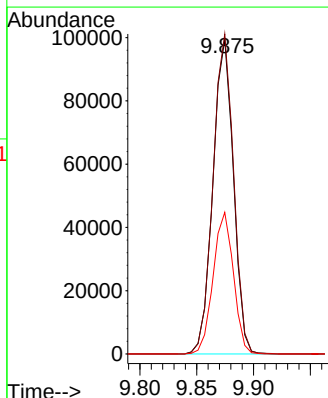
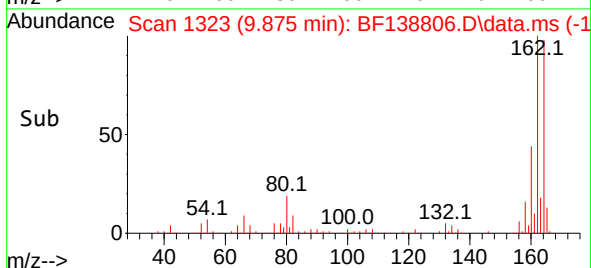
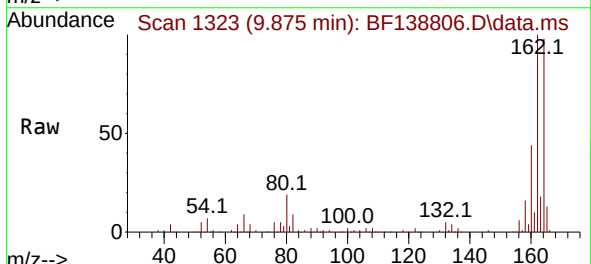


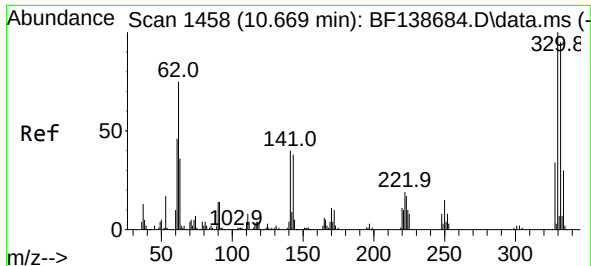
Tgt Ion: 82 Resp: 386464
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

Tgt Ion:164 Resp: 124665
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.0
160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 157.794 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138806.D

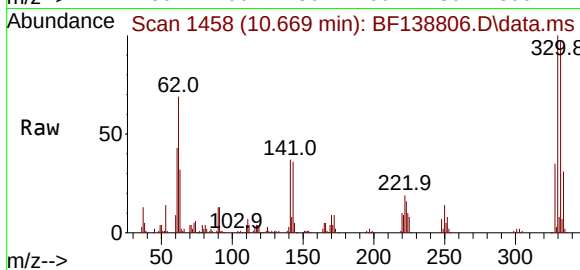
Acq: 06 Aug 2024 13:19

Instrument :

BNA_F

ClientSampleId :

PB162267TB



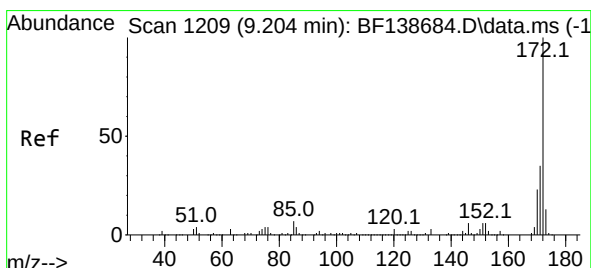
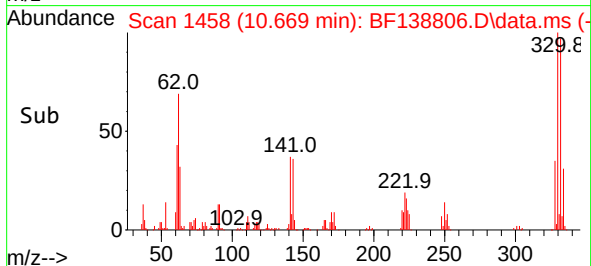
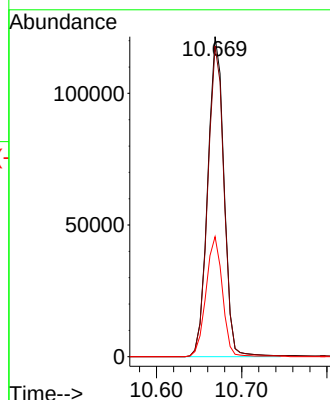
Tgt Ion:330 Resp: 161135

Ion Ratio Lower Upper

330 100

332 97.6 76.4 114.6

141 38.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 90.191 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138806.D

Acq: 06 Aug 2024 13:19

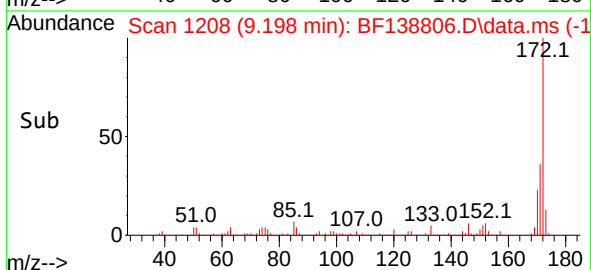
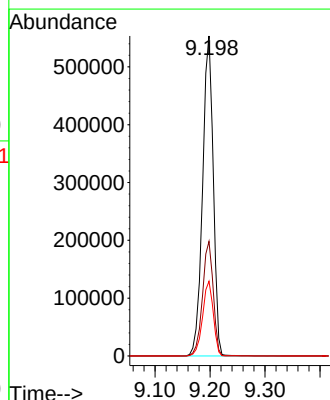
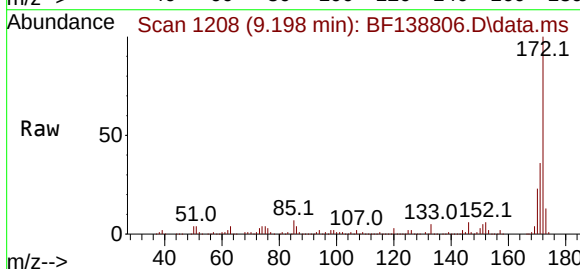
Tgt Ion:172 Resp: 748330

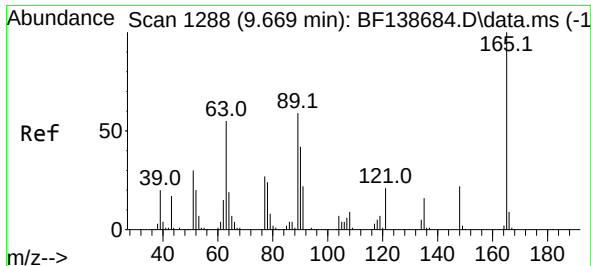
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.768 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF138806.D

Acq: 06 Aug 2024 13:19

Instrument :

BNA_F

ClientSampleId :

PB162267TB

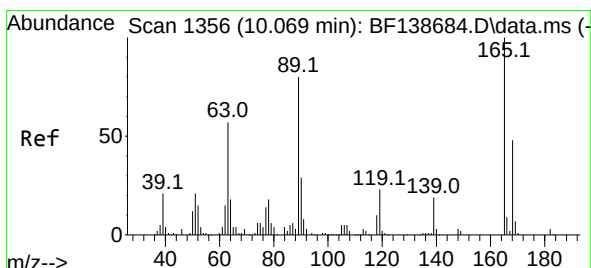
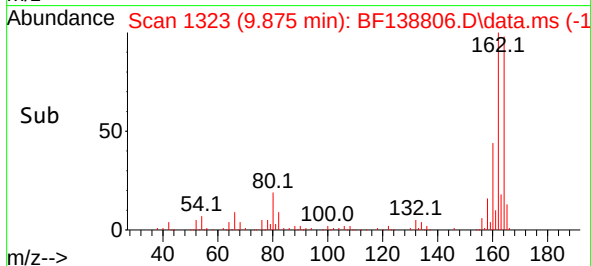
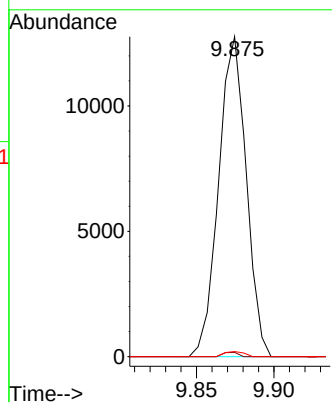
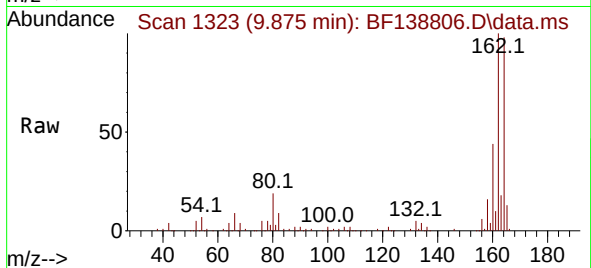
Tgt Ion:165 Resp: 15774

Ion Ratio Lower Upper

165 100

63 1.4 52.0 78.0#

89 1.6 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.873 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.194 min

Lab File: BF138806.D

Acq: 06 Aug 2024 13:19

Tgt Ion:165 Resp: 15774

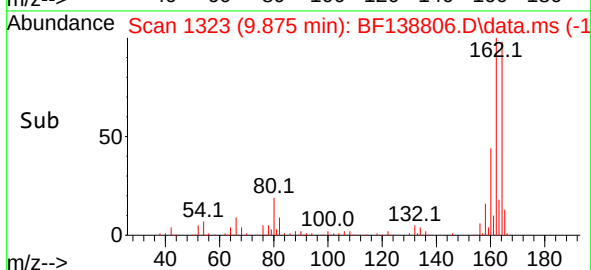
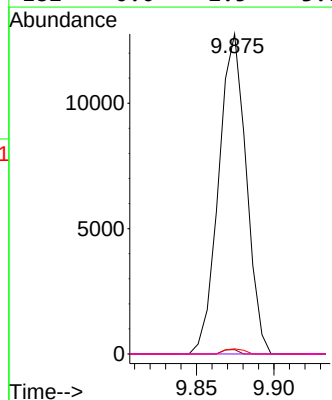
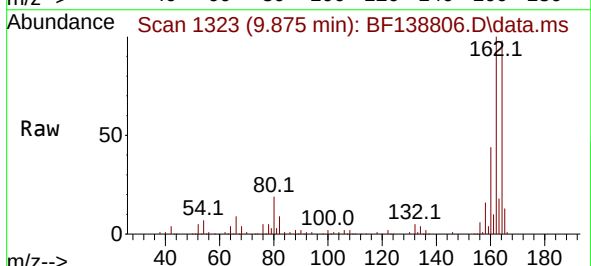
Ion Ratio Lower Upper

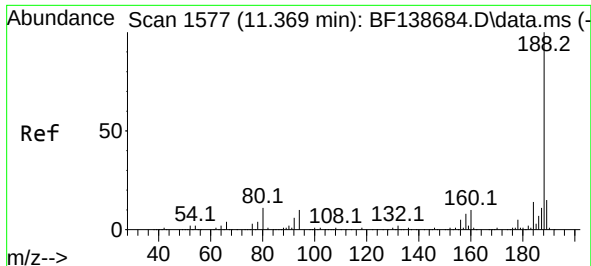
165 100

63 1.4 46.3 69.5#

89 1.6 64.2 96.4#

182 0.0 2.5 3.7#

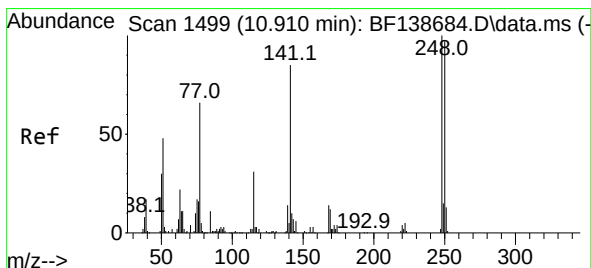
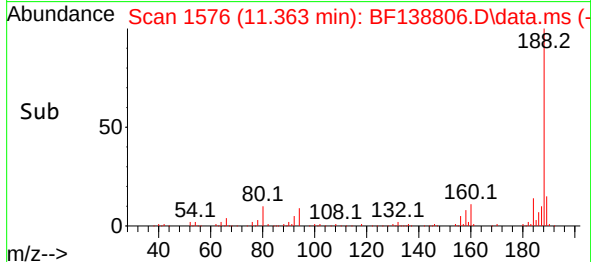
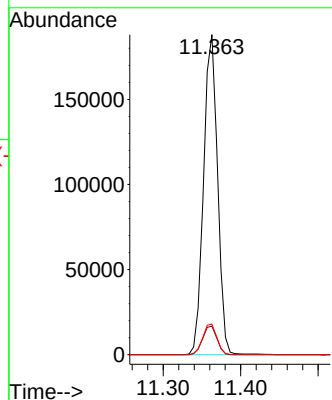
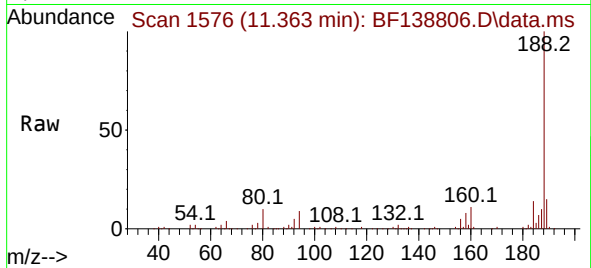




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

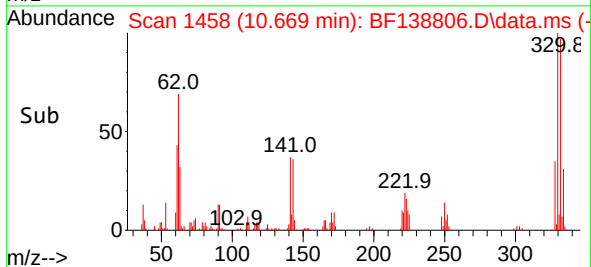
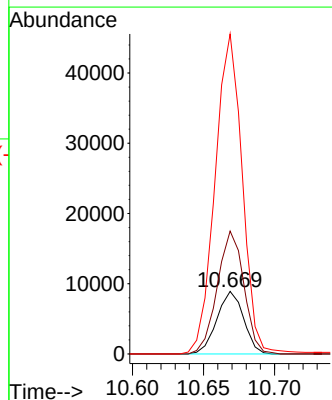
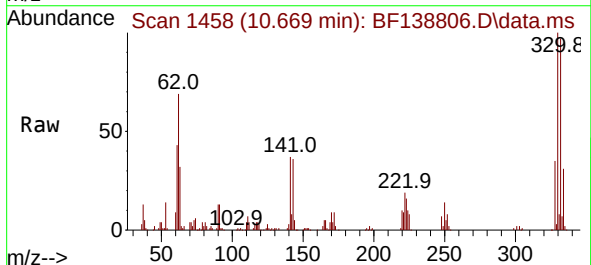
Instrument :
BNA_F
ClientSampleId :
PB162267TB

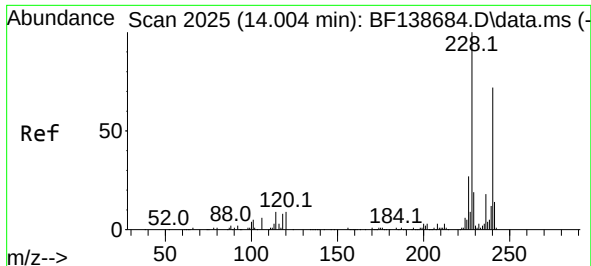
Tgt Ion:188 Resp: 235815
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.5 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.562 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

Tgt Ion:248 Resp: 11647
Ion Ratio Lower Upper
248 100
250 196.5 77.7 116.5#
141 512.0 68.0 102.0#

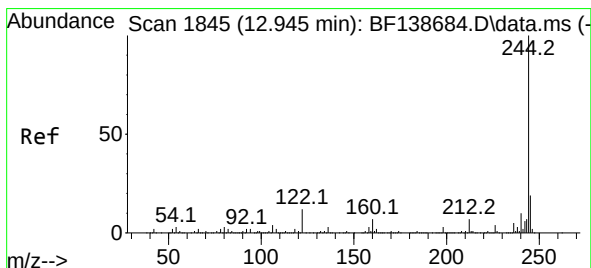
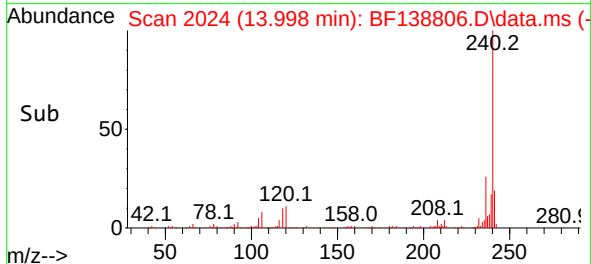
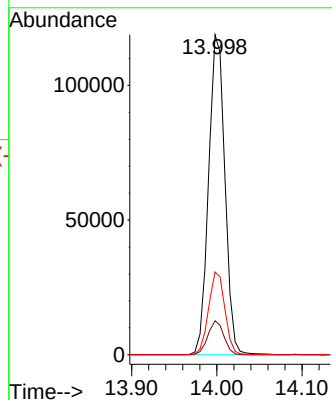
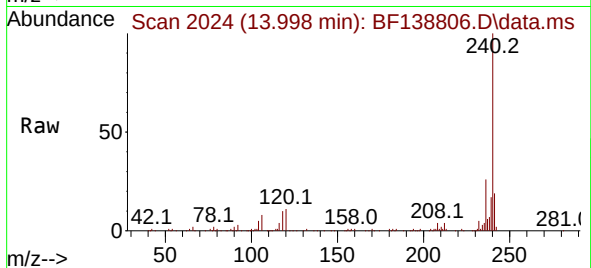




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

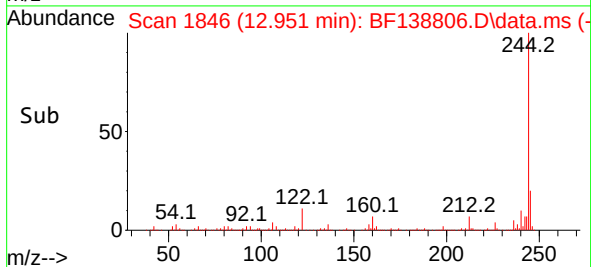
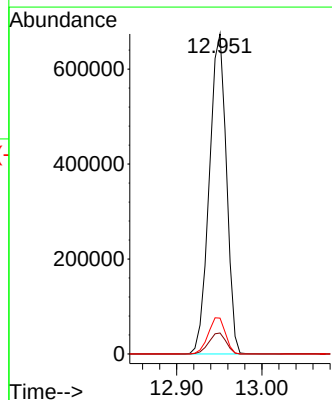
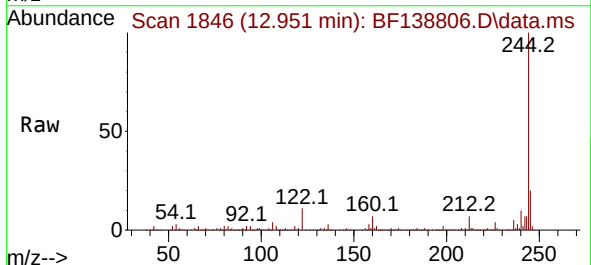
Instrument :
BNA_F
ClientSampleId :
PB162267TB

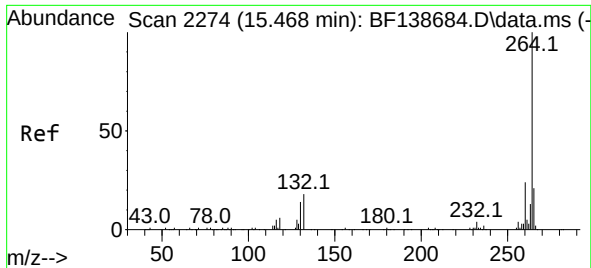
Tgt Ion:240 Resp: 158113
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 25.8 19.8 29.8



#79
Terphenyl-d14
Concen: 99.601 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

Tgt Ion:244 Resp: 940607
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 11.2 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

Instrument :
BNA_F
ClientSampleId :
PB162267TB

Tgt Ion:264	Resp:	106451
Ion	Ratio	Lower Upper
264	100	
260	23.7	19.0 28.6
265	21.2	17.0 25.6

