

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138778.D
 Acq On : 03 Aug 2024 19:22
 Operator : RC/JU
 Sample : P3448-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ORIENT-CONC

Quant Time: Aug 05 00:54:14 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)

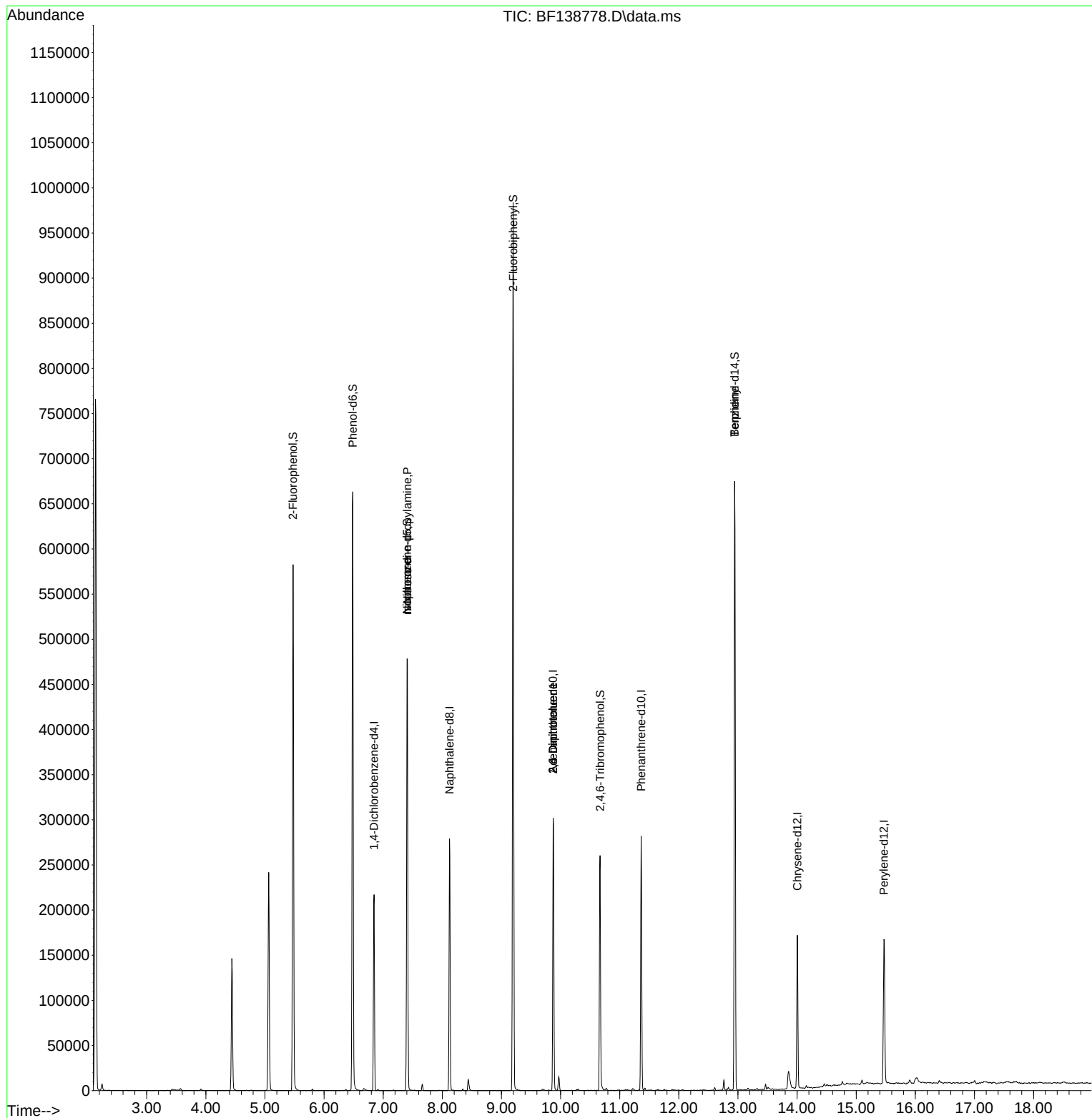
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	43967	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	171267	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	92085	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	144942	20.000	ng	0.00
76) Chrysene-d12	14.004	240	80609	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	96626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	194918	68.434	ng	0.00
7) Phenol-d6	6.487	99	298252	77.993	ng	0.00
23) Nitrobenzene-d5	7.404	82	214693	61.288	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	40761	54.038	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	406258	66.287	ng	0.00
79) Terphenyl-d14	12.945	244	322850	67.057	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	28941	12.530	ng	# 75
25) Isophorone	7.404	82	214691	35.892	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	12059	9.075	ng	# 19
57) 2,4-Dinitrotoluene	9.875	165	12059	7.113	ng	# 16
77) Benzidine	12.945	184	4443	2.304	ng	# 89

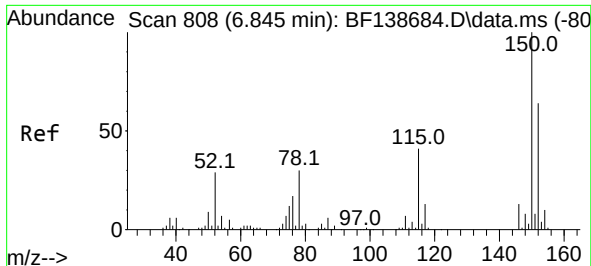
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
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Misc :
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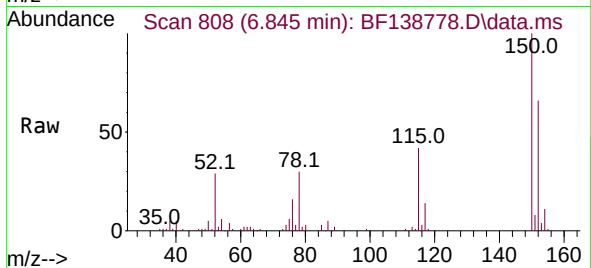
Quant Time: Aug 05 00:54:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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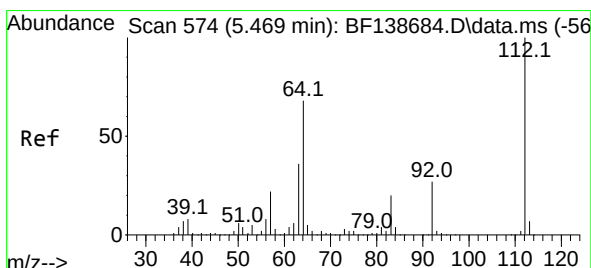
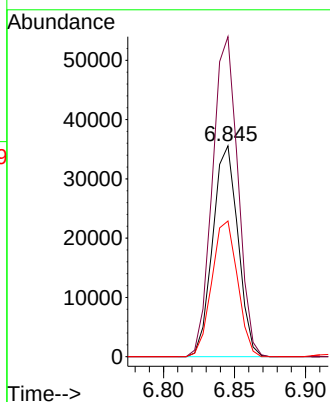
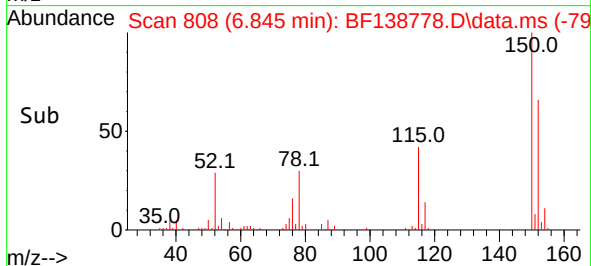


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

Instrument :
BNA_F
ClientSampleId :
ORIENT-CONC

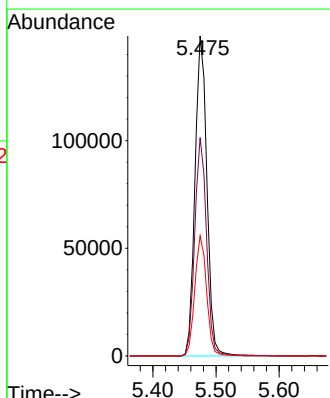
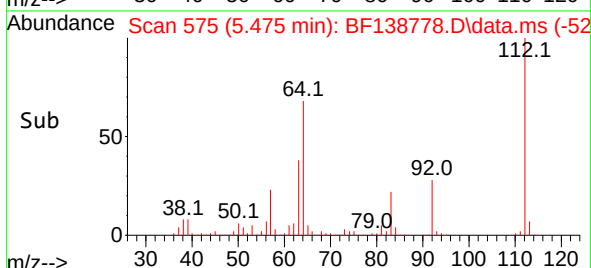
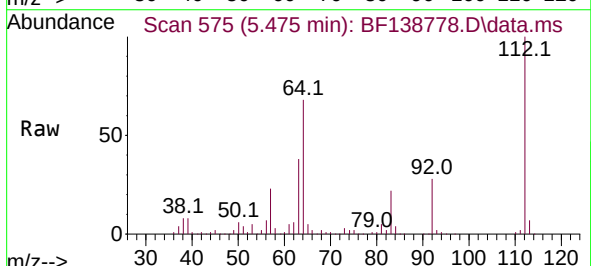


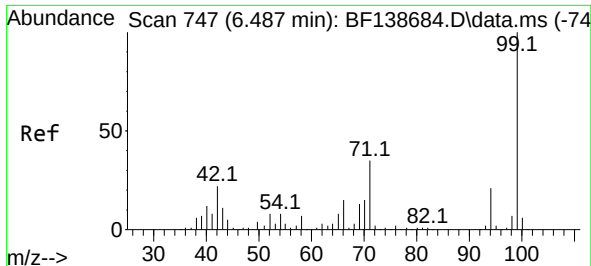
Tgt Ion:152 Resp: 43967
Ion Ratio Lower Upper
152 100
150 151.8 126.0 189.0
115 64.4 51.7 77.5



#5
2-Fluorophenol
Concen: 68.434 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

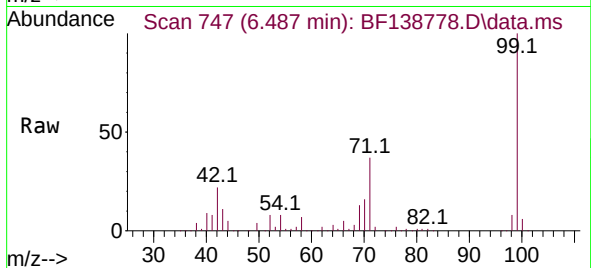
Tgt Ion:112 Resp: 194918
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 37.6 28.7 43.1



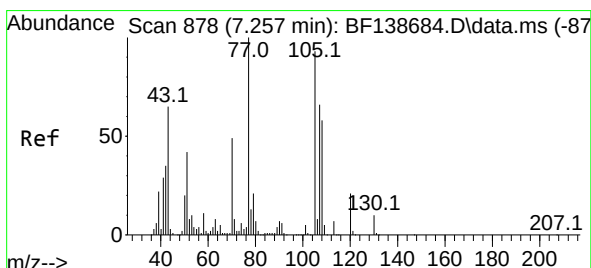
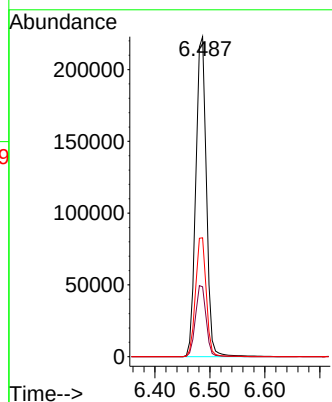
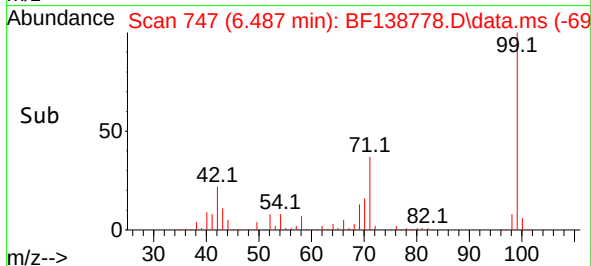


#7
Phenol-d6
Concen: 77.993 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

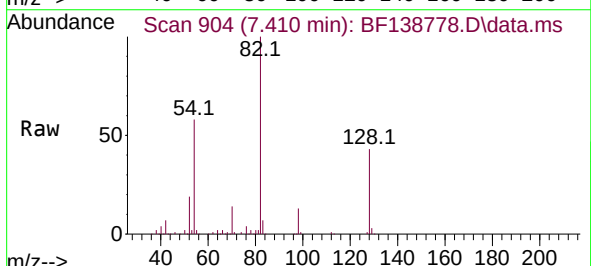
Instrument :
BNA_F
ClientSampleId :
ORIENT-CONC



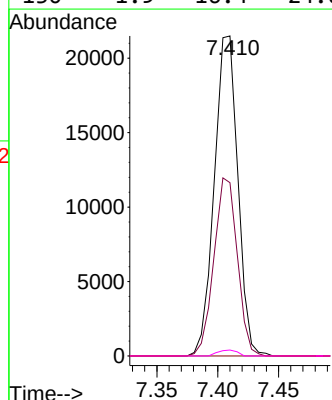
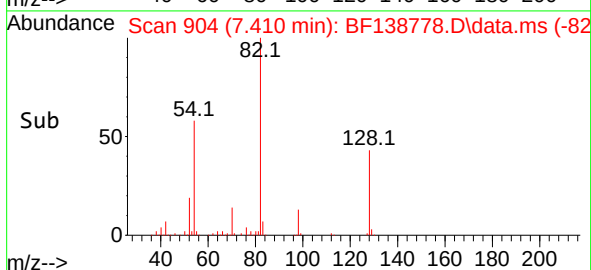
Tgt Ion: 99 Resp: 298252
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 37.1 28.1 42.1

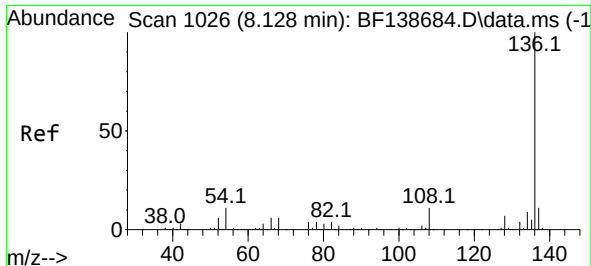


#19
n-Nitroso-di-n-propylamine
Concen: 12.530 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22



Tgt Ion: 70 Resp: 28941
Ion Ratio Lower Upper
70 100
42 54.1 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



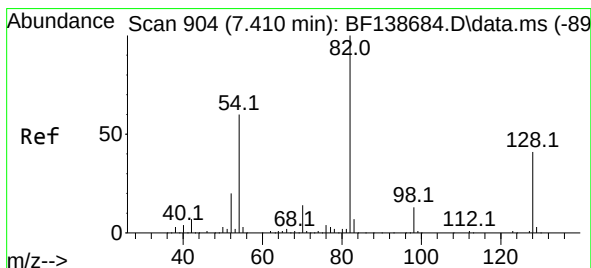
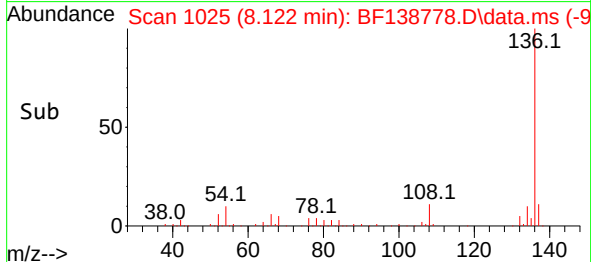
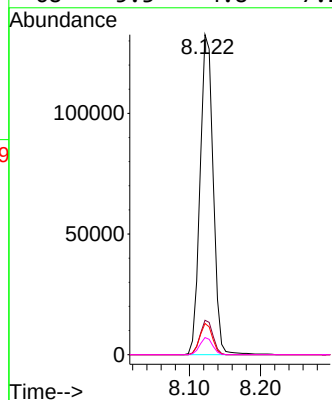
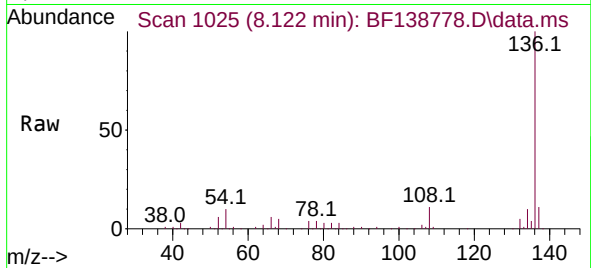


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

Instrument :
BNA_F
ClientSampleId :
ORIENT-CONC

Tgt Ion:136 Resp: 171267

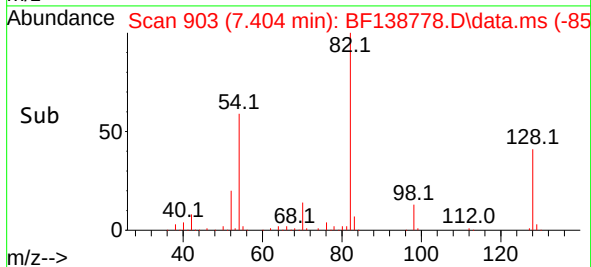
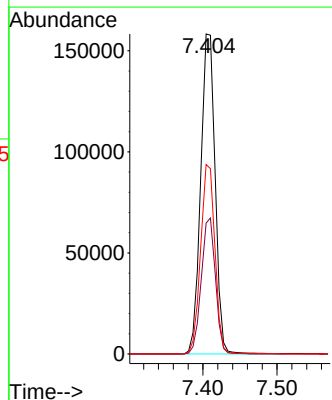
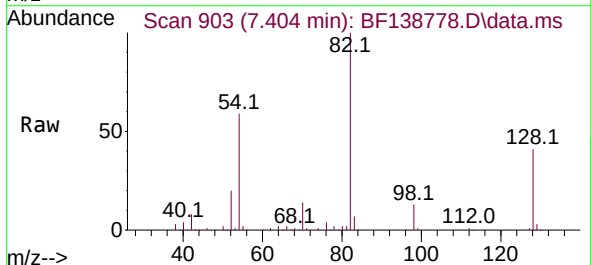
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.8	8.6	12.8
68	5.3	4.8	7.2

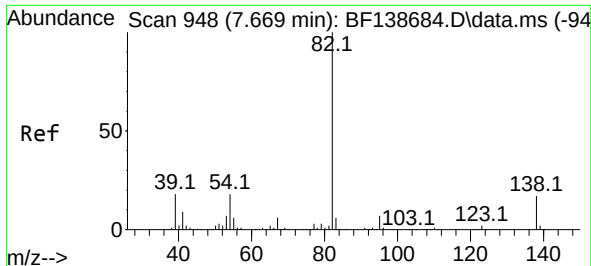


#23
Nitrobenzene-d5
Concen: 61.288 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

Tgt Ion: 82 Resp: 214693

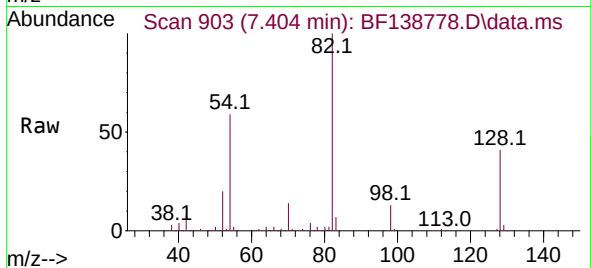
Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.8	49.2
54	59.2	48.3	72.5



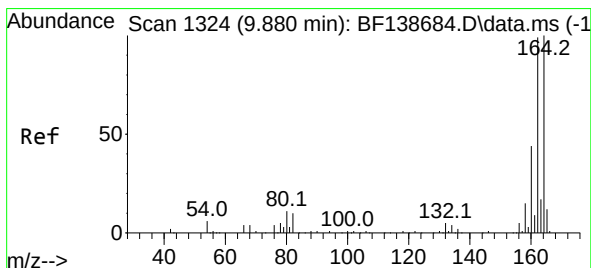
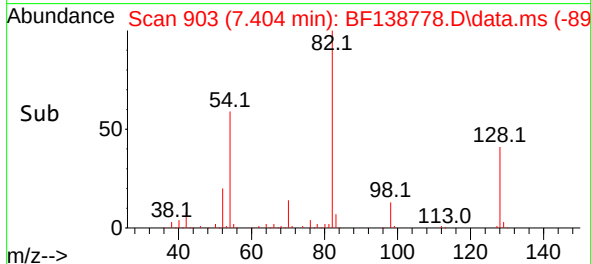
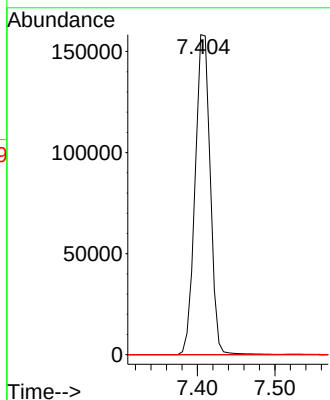


#25
Isophorone
Concen: 35.892 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

Instrument :
BNA_F
ClientSampleId :
ORIENT-CONC

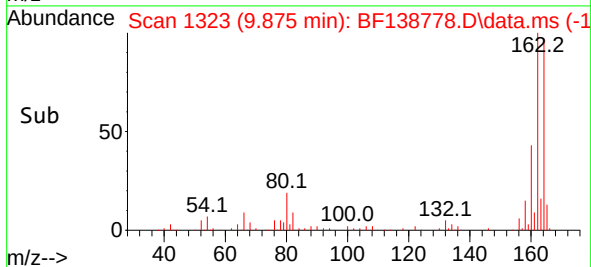
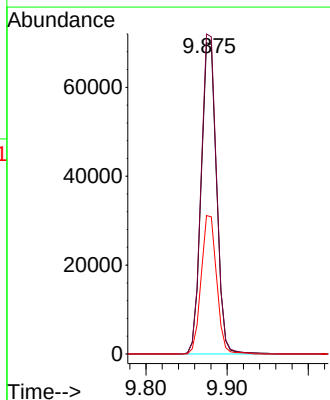
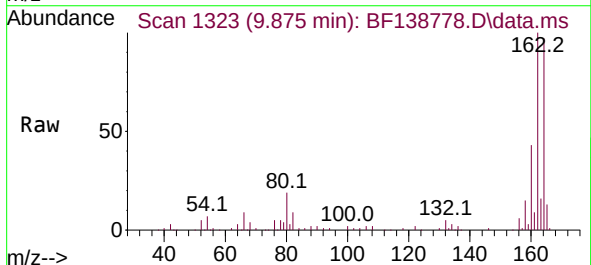


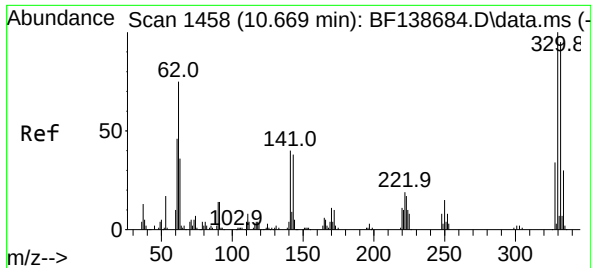
Tgt Ion: 82 Resp: 214691
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

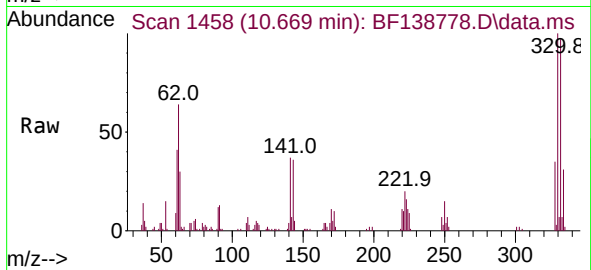
Tgt Ion: 164 Resp: 92085
Ion Ratio Lower Upper
164 100
162 102.8 79.4 119.0
160 44.5 35.1 52.7



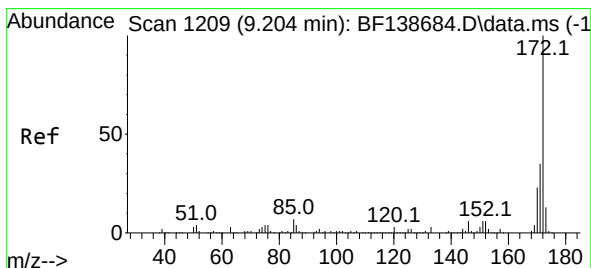
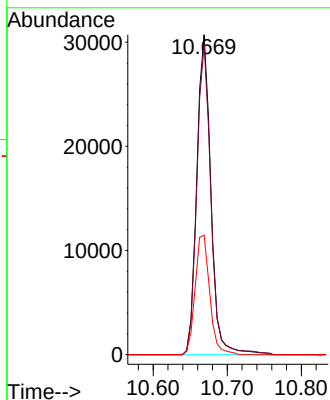
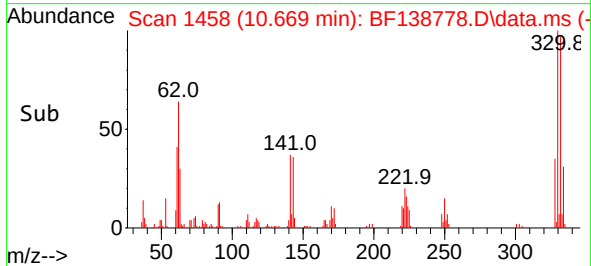


#42
2,4,6-Tribromophenol
Concen: 54.038 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

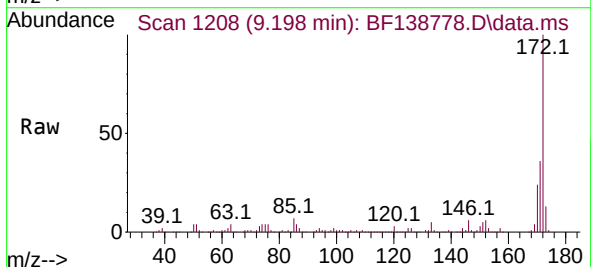
Instrument :
BNA_F
ClientSampleId :
ORIENT-CONC



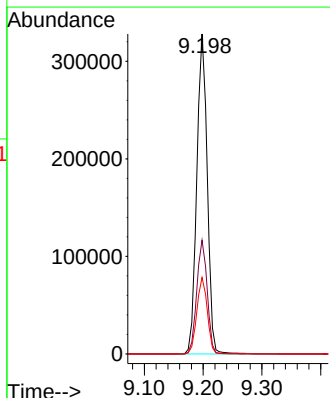
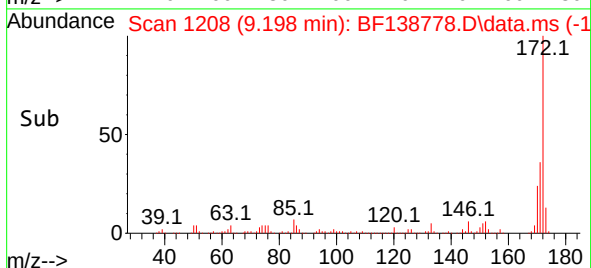
Tgt Ion: 330 Resp: 40761
Ion Ratio Lower Upper
330 100
332 96.1 76.4 114.6
141 38.5 31.1 46.7

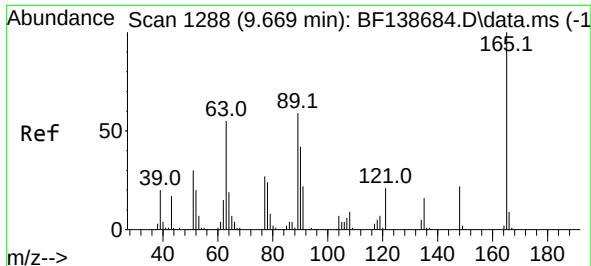


#45
2-Fluorobiphenyl
Concen: 66.287 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22



Tgt Ion: 172 Resp: 406258
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.9 18.8 28.2

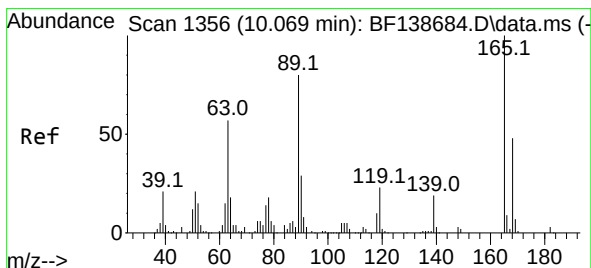
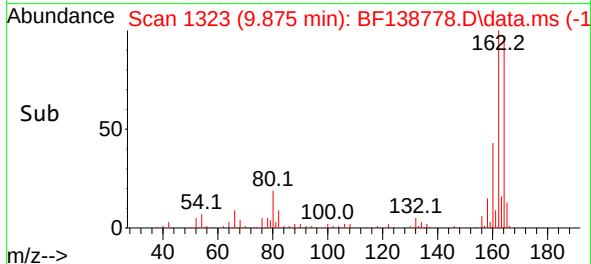
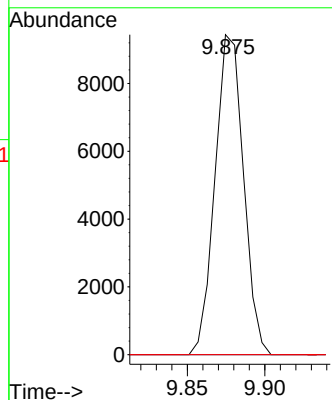
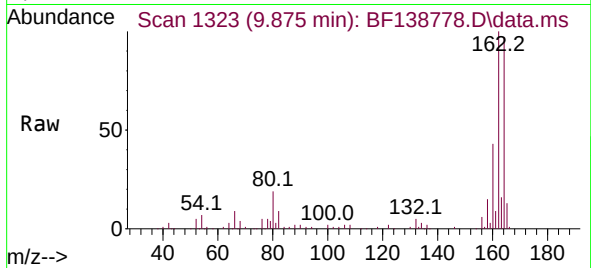




#51
2,6-Dinitrotoluene
Concen: 9.075 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

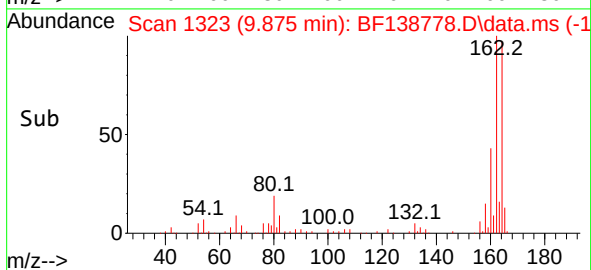
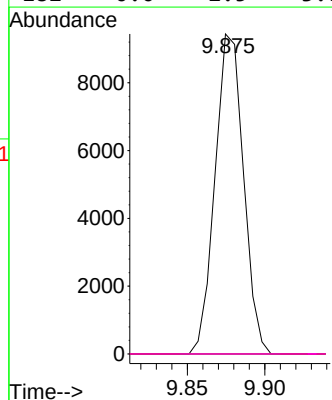
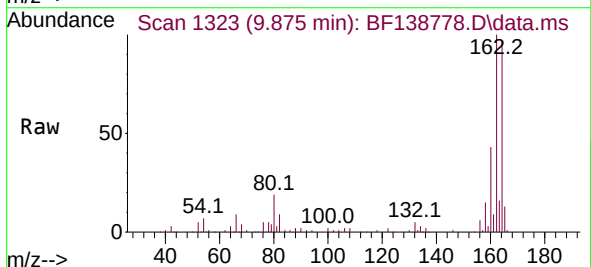
Instrument :
BNA_F
ClientSampleId :
ORIENT-CONC

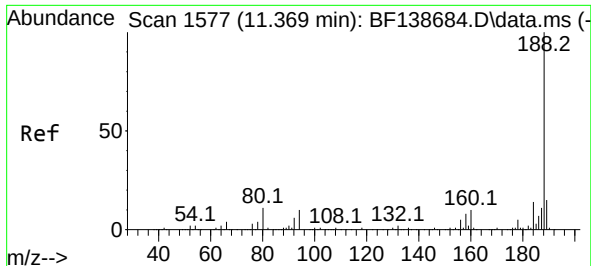
Tgt Ion:165 Resp: 12059
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.113 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

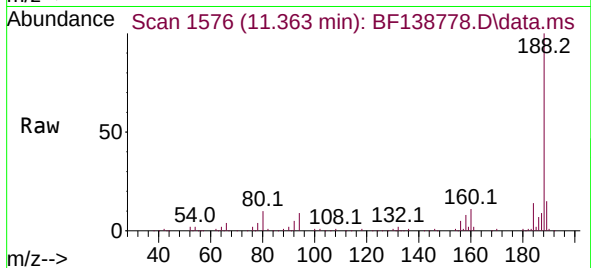
Tgt Ion:165 Resp: 12059
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#



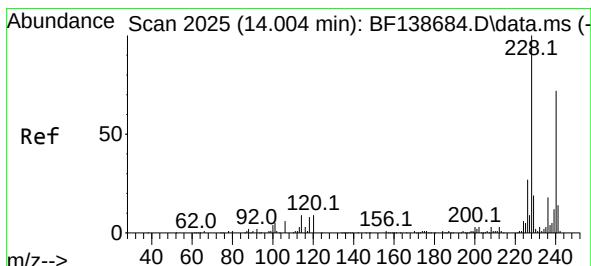
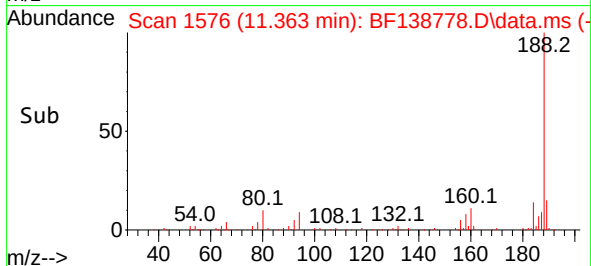
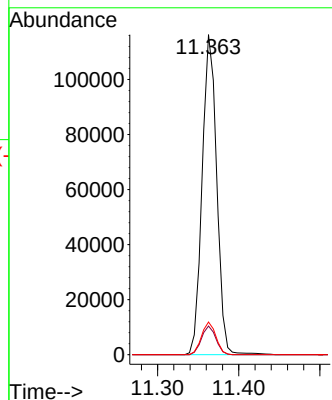


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

Instrument :
BNA_F
ClientSampleId :
ORIENT-CONC

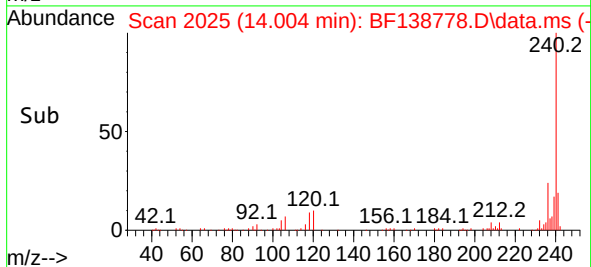
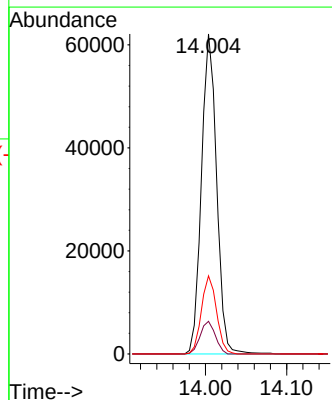
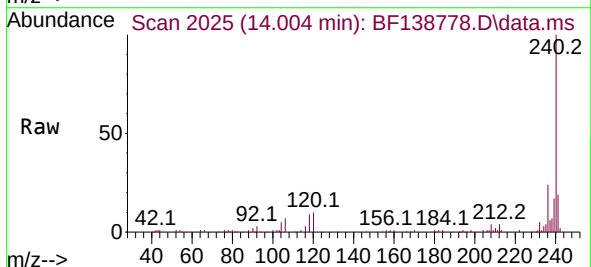


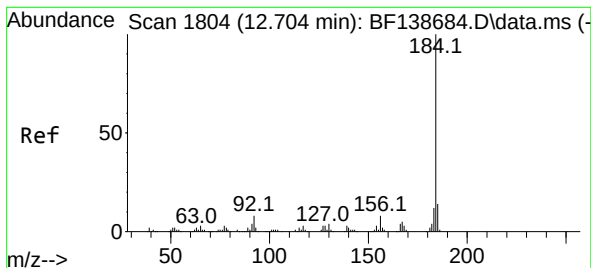
Tgt Ion:188 Resp: 144942
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 10.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

Tgt Ion:240 Resp: 80609
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 24.4 19.8 29.8





#77

Benzidine

Concen: 2.304 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138778.D

Acq: 03 Aug 2024 19:22

Instrument :

BNA_F

ClientSampleId :

ORIENT-CONC

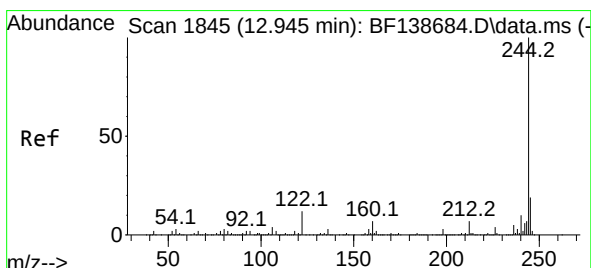
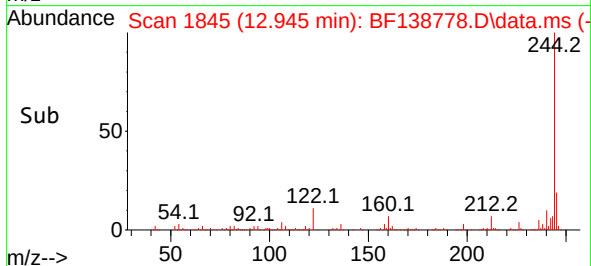
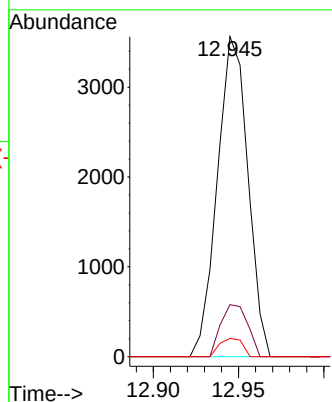
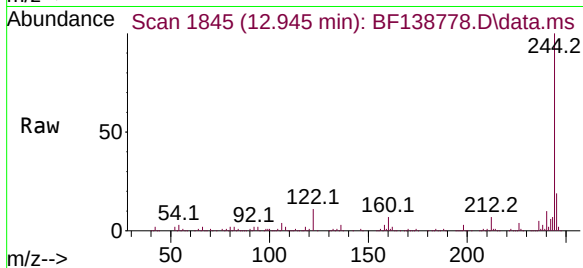
Tgt Ion:184 Resp: 4443

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

183 5.7 9.6 14.4#



#79

Terphenyl-d14

Concen: 67.057 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138778.D

Acq: 03 Aug 2024 19:22

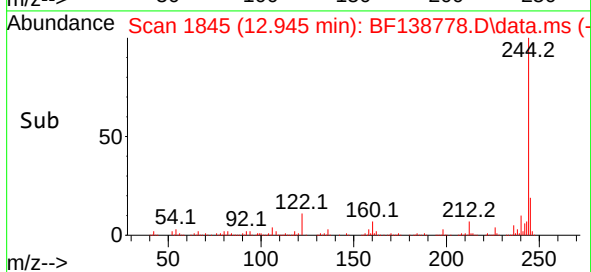
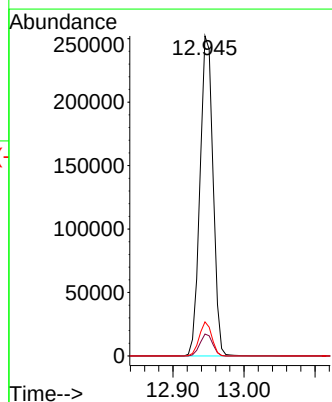
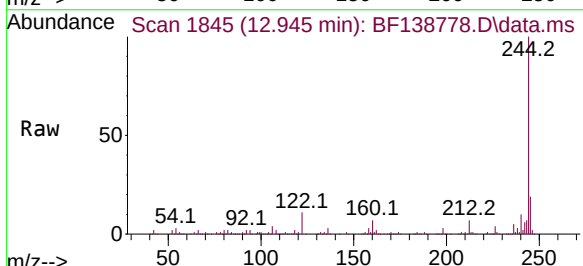
Tgt Ion:244 Resp: 322850

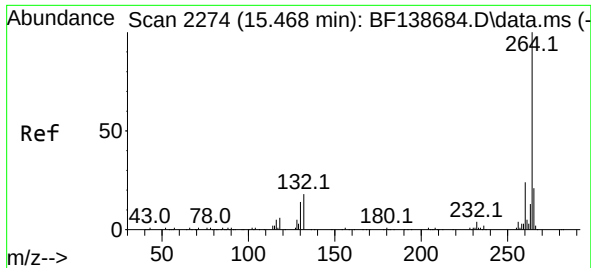
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

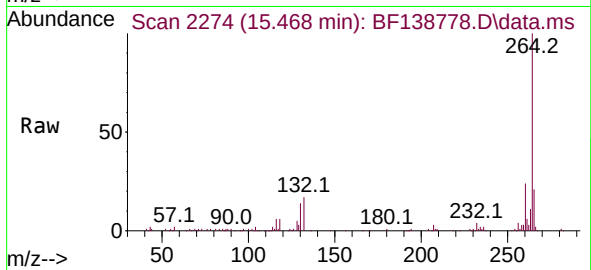
122 10.6 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138778.D
Acq: 03 Aug 2024 19:22

Instrument :
BNA_F
ClientSampleId :
ORIENT-CONC



Tgt Ion:264	Resp:	96626
Ion	Ratio	Lower Upper
264	100	
260	23.5	19.0 28.6
265	21.5	17.0 25.6

