

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138494.D
 Acq On : 10 Jul 2024 11:21
 Operator : CG\JU
 Sample : PB161962BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161962BL

Quant Time: Jul 10 12:50:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

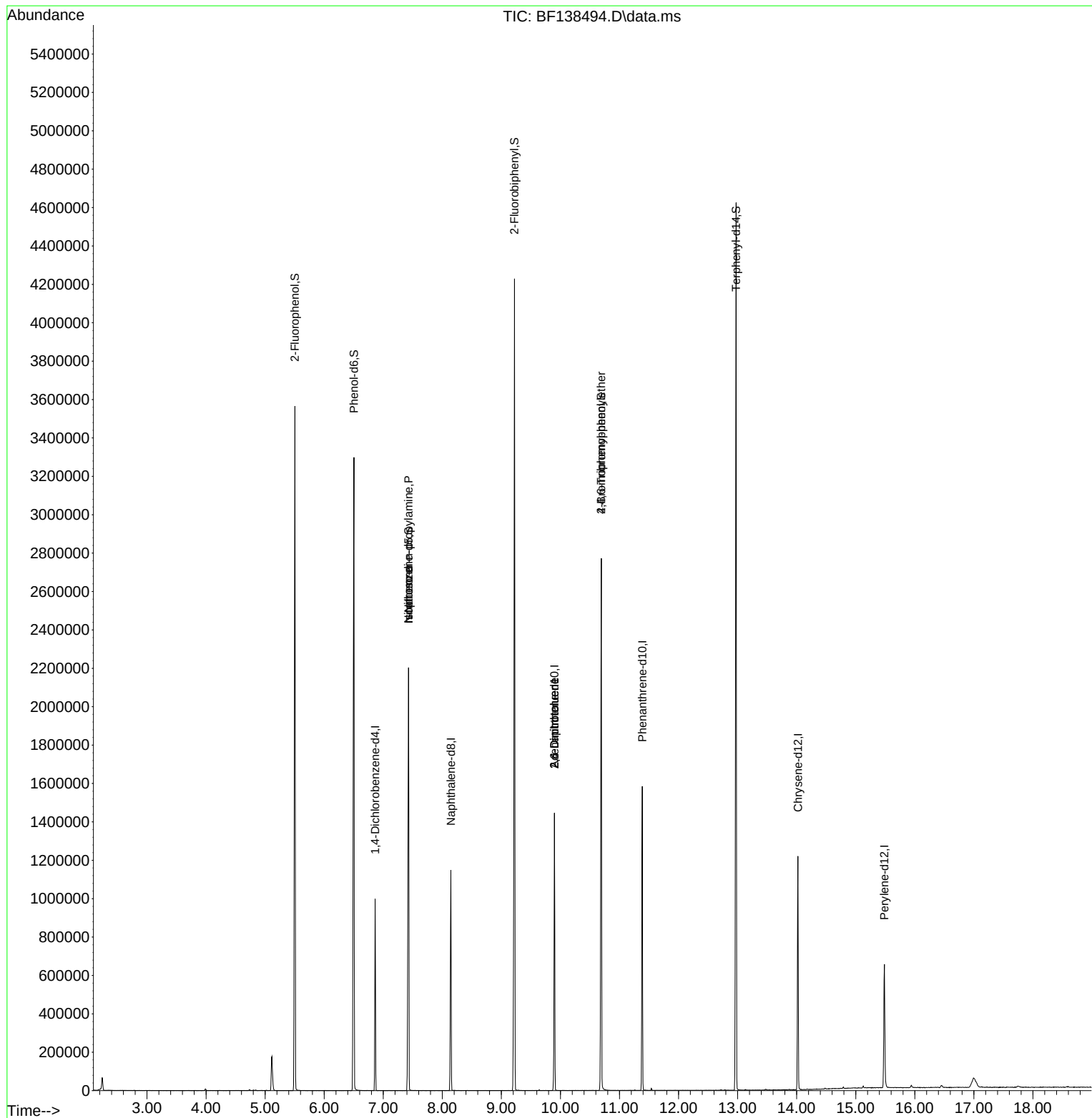
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	122301	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	501026	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	289457	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	535373	20.000	ng	0.00
76) Chrysene-d12	14.021	240	370517	20.000	ng	0.00
86) Perylene-d12	15.486	264	291827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	873997	113.180	ng	0.01
7) Phenol-d6	6.504	99	1141624	111.130	ng	0.00
23) Nitrobenzene-d5	7.428	82	773242	75.773	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	307024	113.491	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1371600	74.059	ng	0.00
79) Terphenyl-d14	12.974	244	1614314	70.979	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	105041	16.548	ng	# 77
25) Isophorone	7.428	82	773236	44.123	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	37197	8.631	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	37197	6.671	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	21578	3.921	ng	# 1

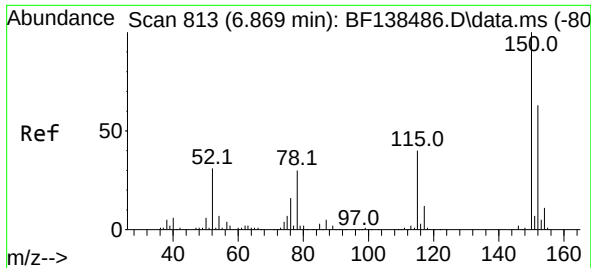
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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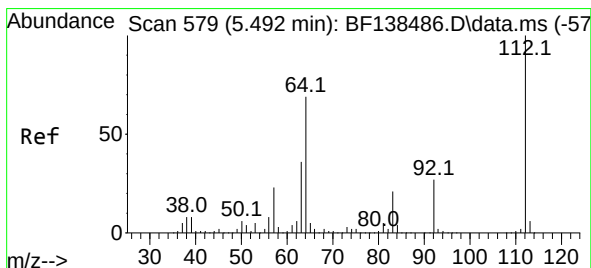
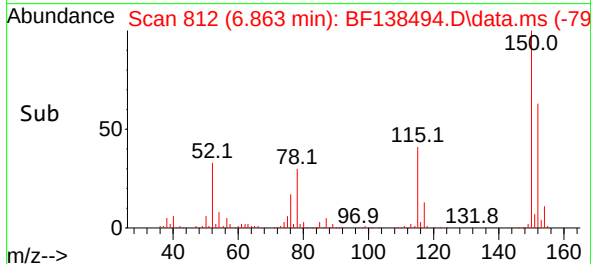
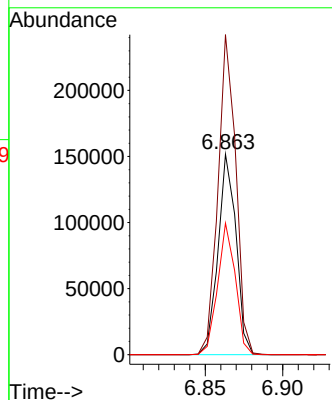
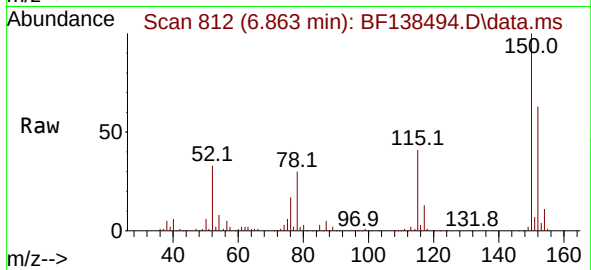




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

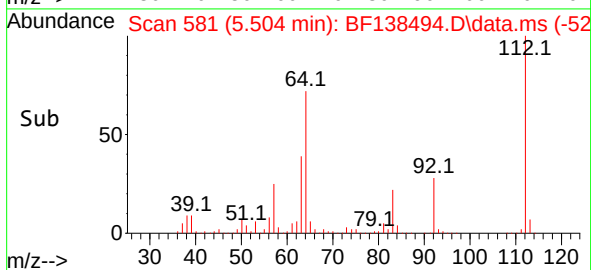
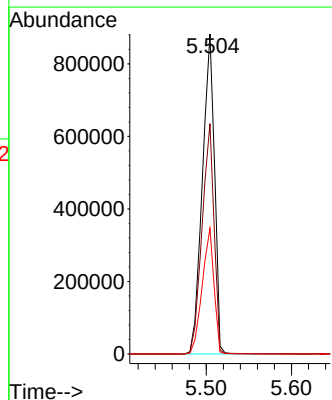
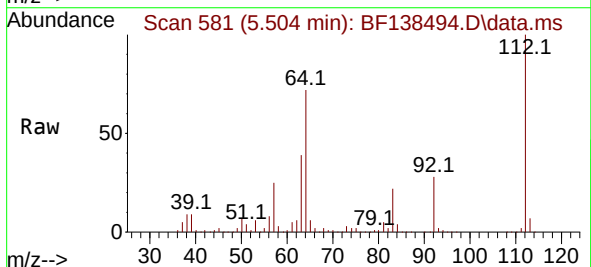
Instrument :
BNA_F
ClientSampleId :
PB161962BL

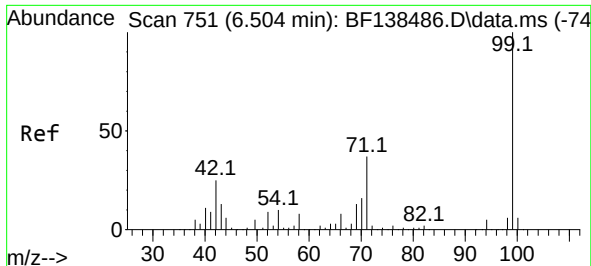
Tgt Ion:152 Resp: 122301
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.4
115 65.6 50.3 75.5



#5
2-Fluorophenol
Concen: 113.180 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Tgt Ion:112 Resp: 873997
Ion Ratio Lower Upper
112 100
64 72.0 55.1 82.7
63 39.3 29.0 43.6

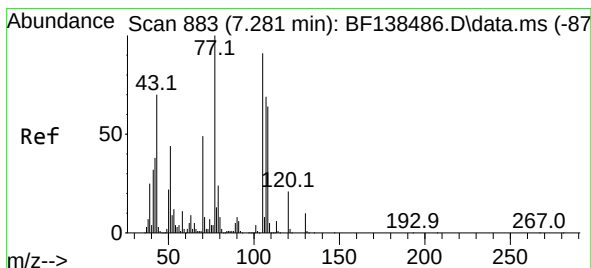
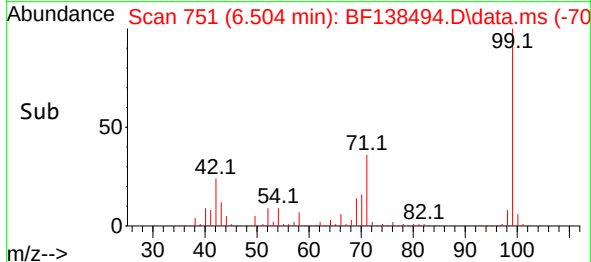
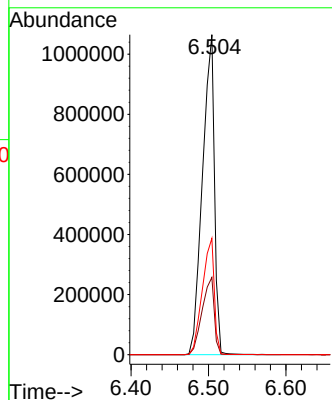
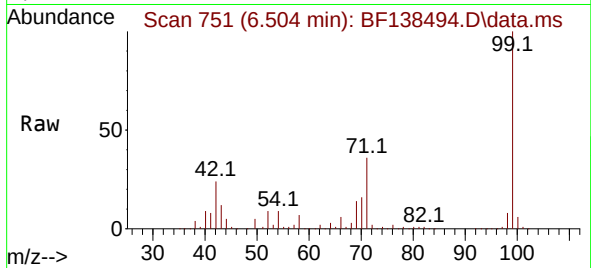




#7
Phenol-d6
Concen: 111.130 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

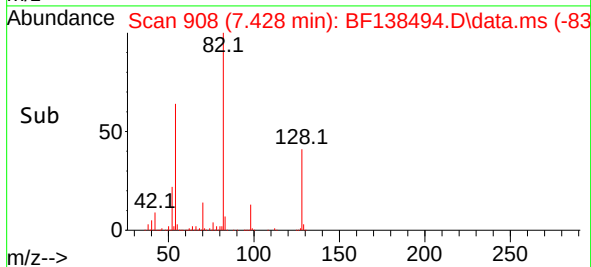
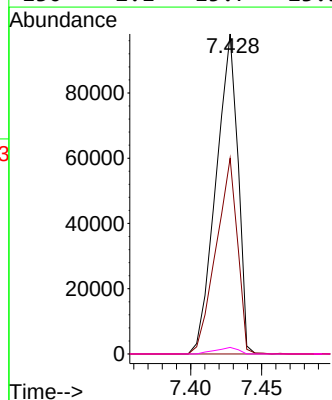
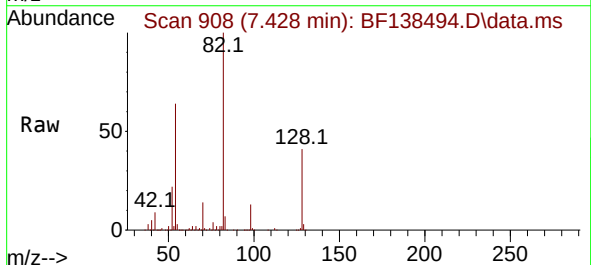
Instrument :
BNA_F
ClientSampleId :
PB161962BL

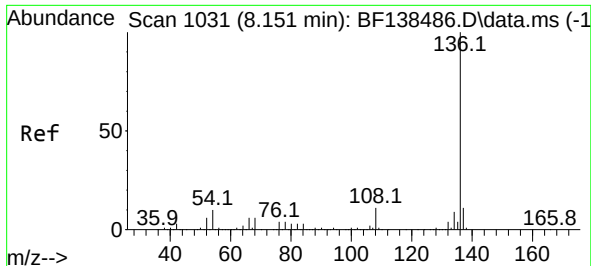
Tgt Ion: 99 Resp: 1141624
Ion Ratio Lower Upper
99 100
42 24.1 19.7 29.5
71 36.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.548 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Tgt Ion: 70 Resp: 105041
Ion Ratio Lower Upper
70 100
42 61.2 62.4 93.6#
101 0.0 7.2 10.8#
130 2.1 15.7 23.5#

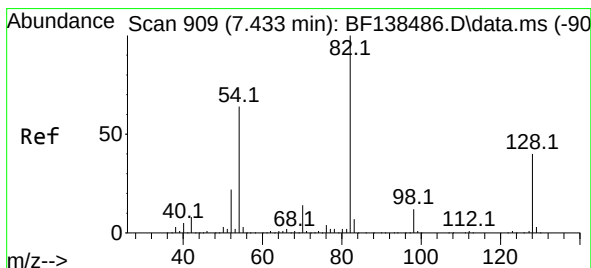
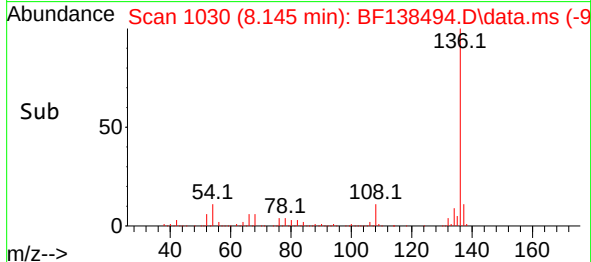
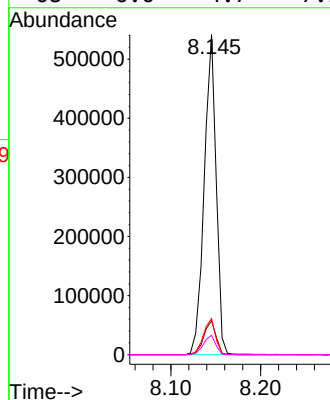
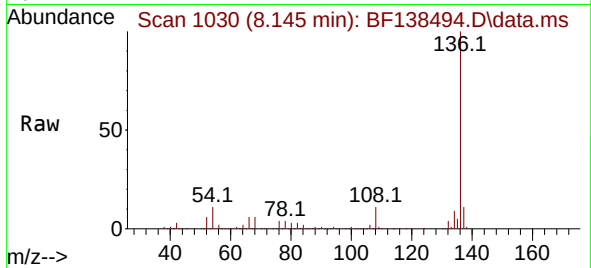




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

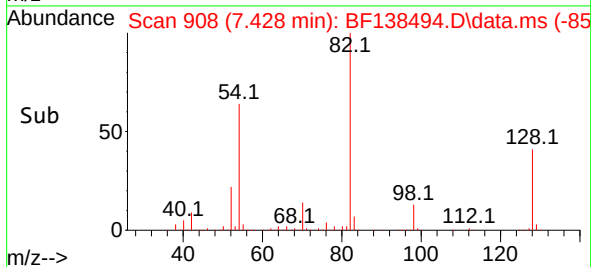
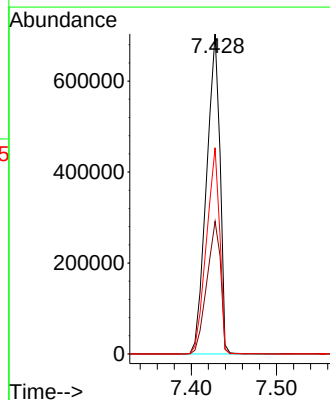
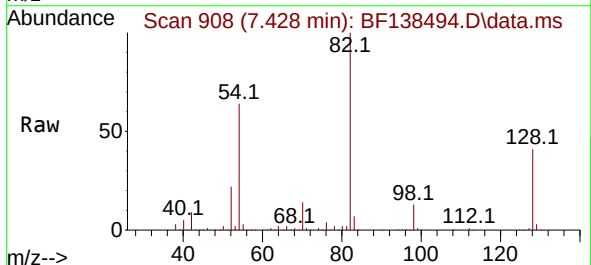
Instrument :
BNA_F
ClientSampleId :
PB161962BL

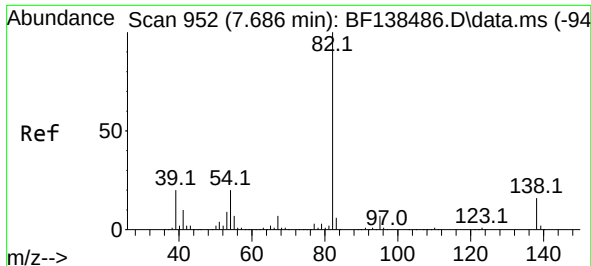
Tgt Ion:	136	Resp:	501026
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.2	8.1	12.1
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 75.773 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Tgt Ion:	82	Resp:	773242
Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.3	48.5
54	64.4	51.4	77.0

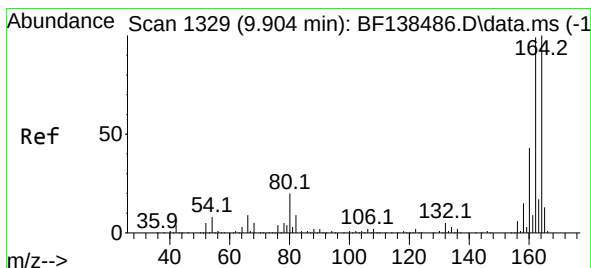
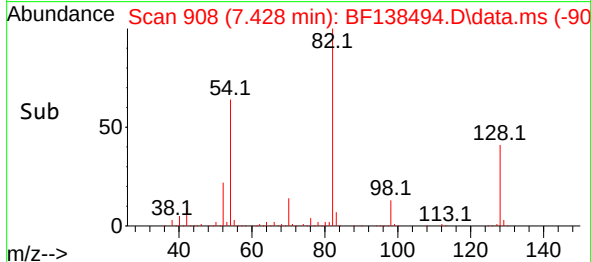
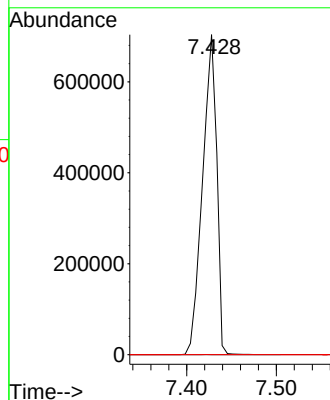
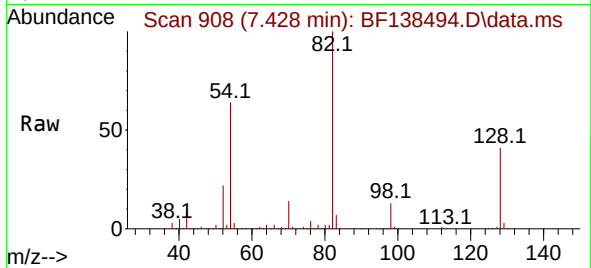




#25
Isophorone
Concen: 44.123 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

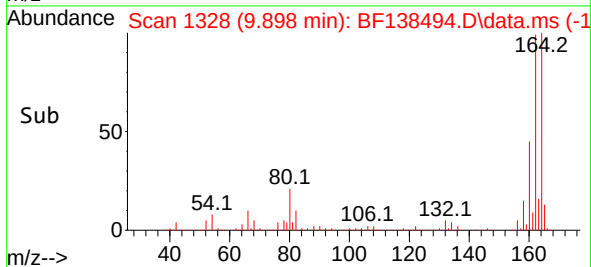
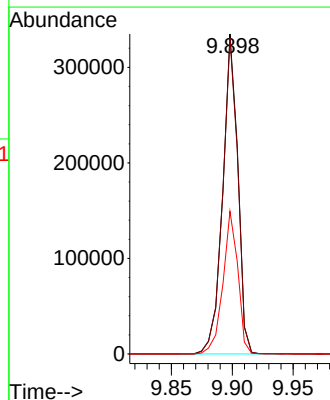
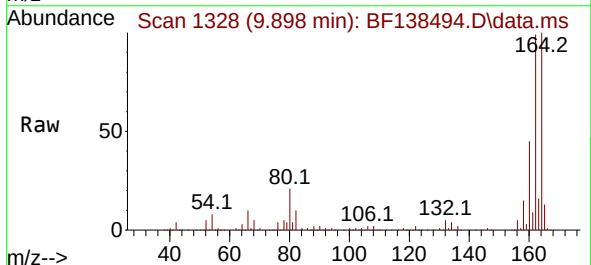
Instrument :
BNA_F
ClientSampleId :
PB161962BL

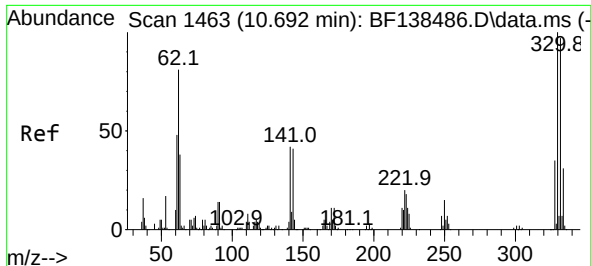
Tgt Ion: 82 Resp: 773236
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

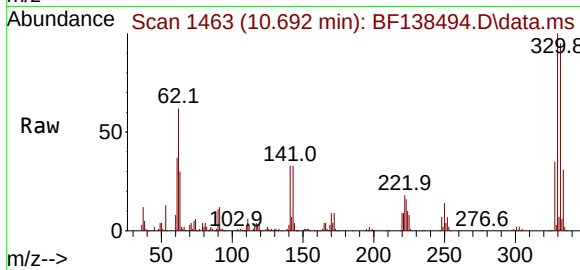
Tgt Ion: 164 Resp: 289457
Ion Ratio Lower Upper
164 100
162 98.7 79.0 118.6
160 44.6 34.4 51.6



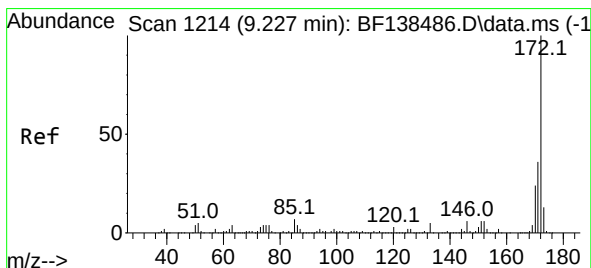
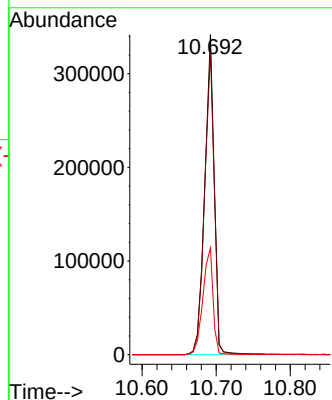
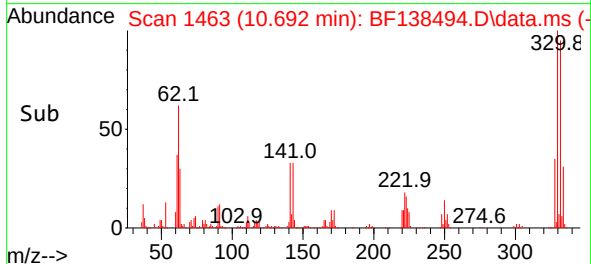


#42
2,4,6-Tribromophenol
Concen: 113.491 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Instrument :
BNA_F
ClientSampleId :
PB161962BL

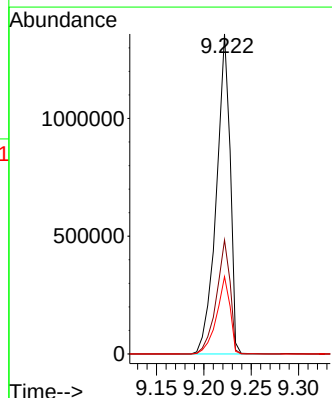
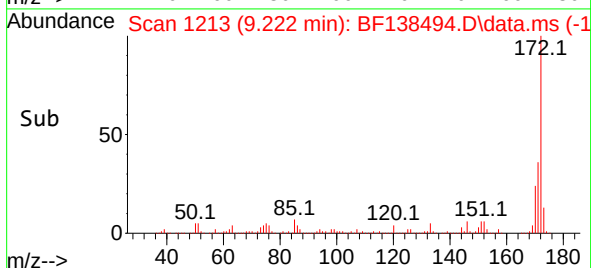
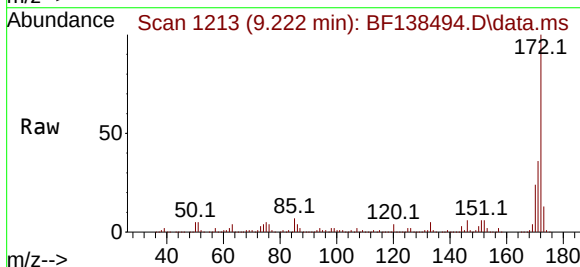


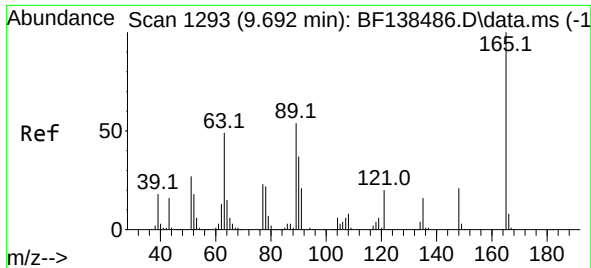
Tgt Ion: 330 Resp: 307024
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 35.4 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 74.059 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Tgt Ion: 172 Resp: 1371600
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 24.1 18.9 28.3

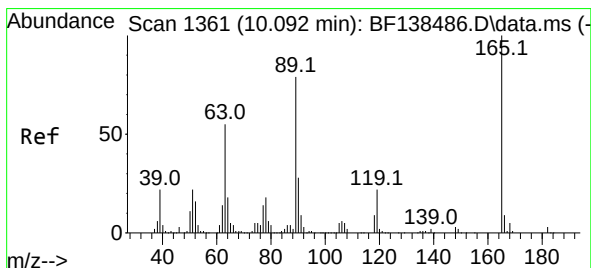
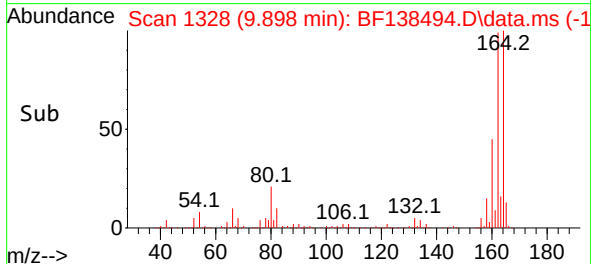
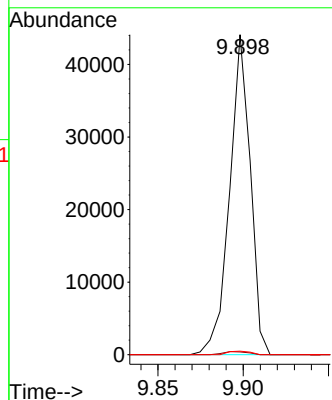
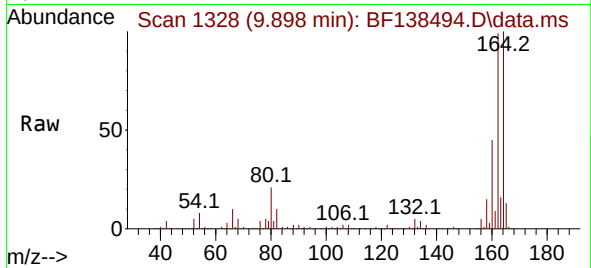




#51
2,6-Dinitrotoluene
Concen: 8.631 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

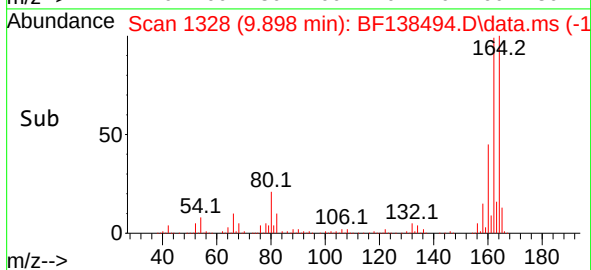
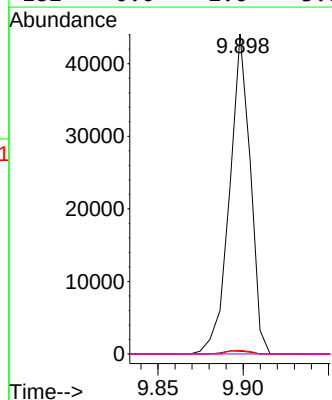
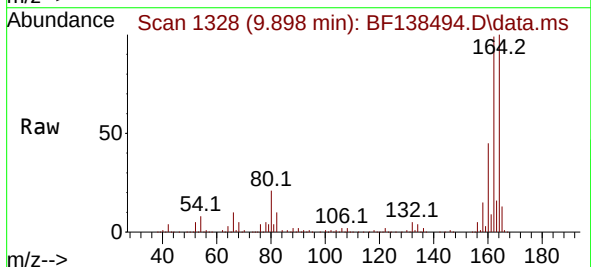
Instrument :
BNA_F
ClientSampleId :
PB161962BL

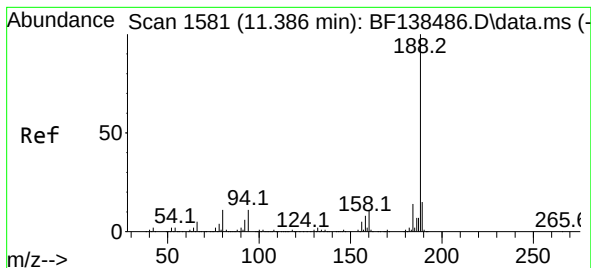
Tgt Ion:165 Resp: 37197
Ion Ratio Lower Upper
165 100
63 0.8 48.1 72.1#
89 1.1 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.671 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Tgt Ion:165 Resp: 37197
Ion Ratio Lower Upper
165 100
63 0.8 44.6 66.8#
89 1.1 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138494.D

Acq: 10 Jul 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161962BL

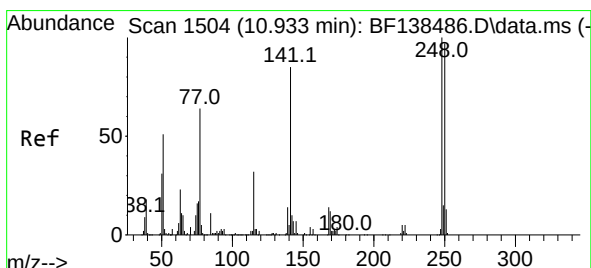
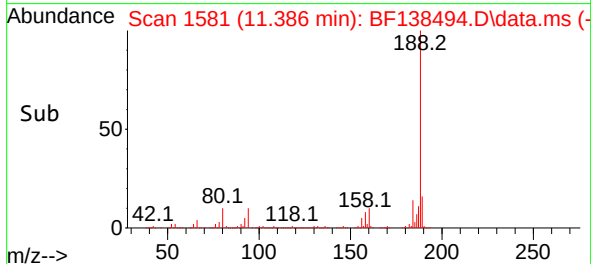
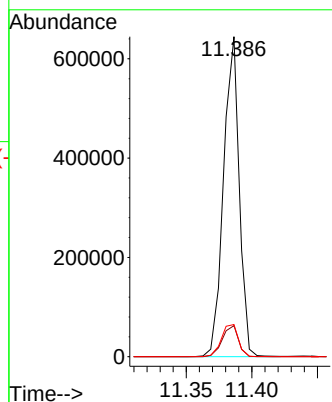
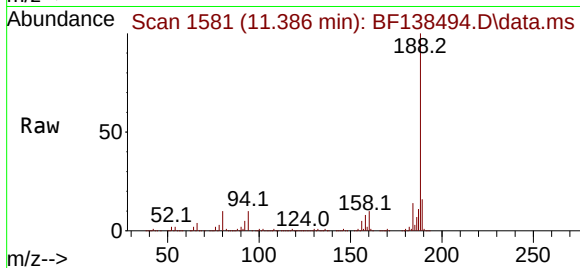
Tgt Ion:188 Resp: 535373

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

80 10.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.921 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.241 min

Lab File: BF138494.D

Acq: 10 Jul 2024 11:21

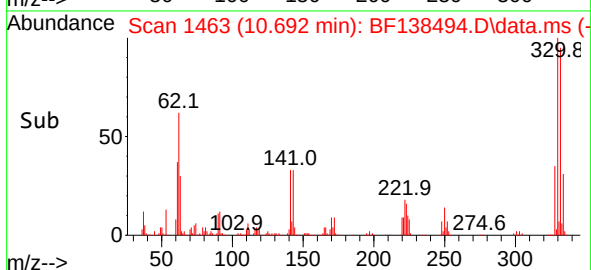
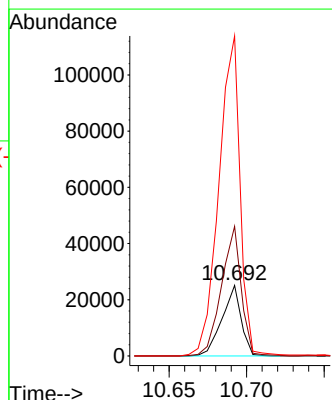
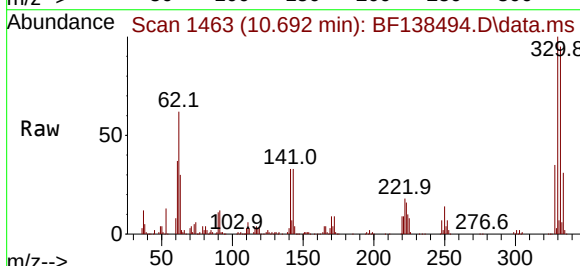
Tgt Ion:248 Resp: 21578

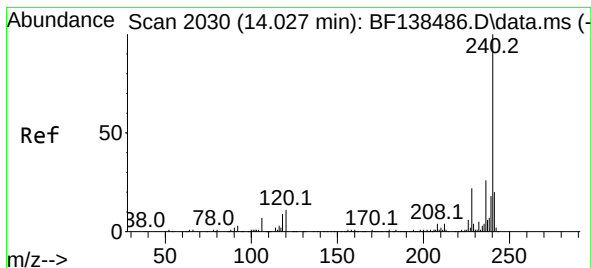
Ion Ratio Lower Upper

248 100

250 183.7 77.9 116.9#

141 453.5 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138494.D

Acq: 10 Jul 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161962BL

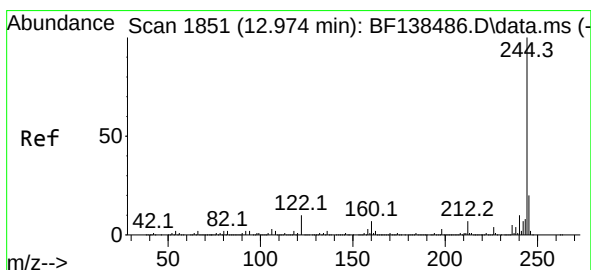
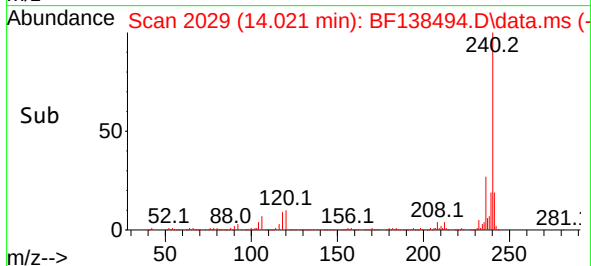
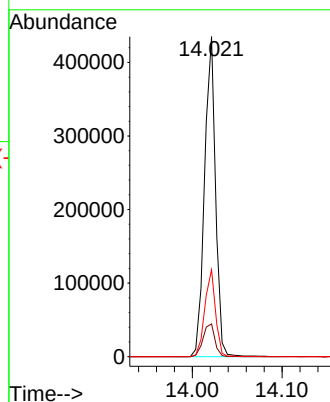
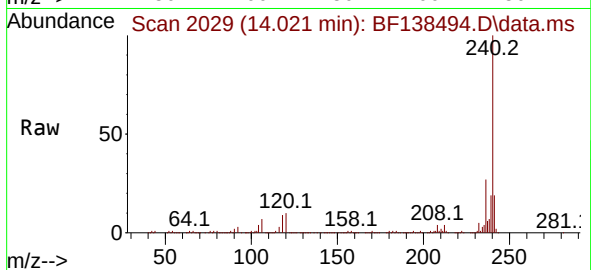
Tgt Ion:240 Resp: 370517

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 27.1 21.0 31.6



#79

Terphenyl-d14

Concen: 70.979 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138494.D

Acq: 10 Jul 2024 11:21

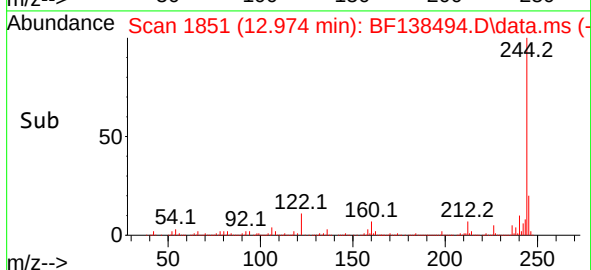
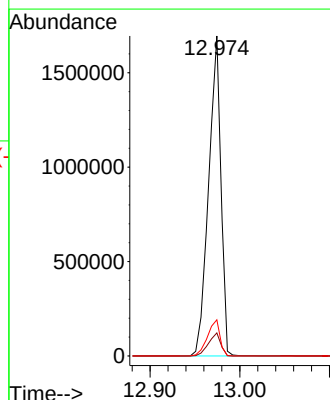
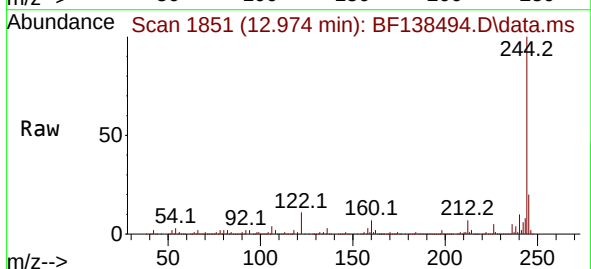
Tgt Ion:244 Resp: 1614314

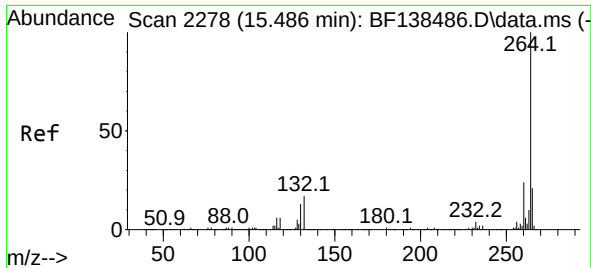
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

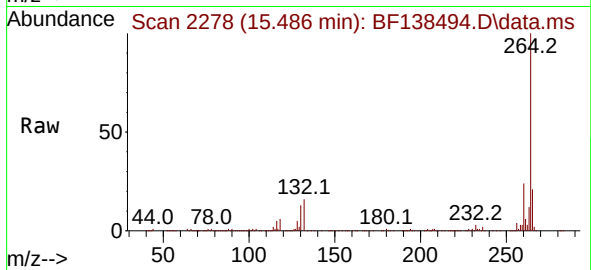
122 11.3 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138494.D
 Acq: 10 Jul 2024 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB161962BL



Tgt Ion:264 Resp: 291827
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.6 17.0 25.4

