

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139628.D
 Acq On : 03 Oct 2024 13:40
 Operator : RC/JU
 Sample : PB163825BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163825BL

Quant Time: Oct 03 14:03:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

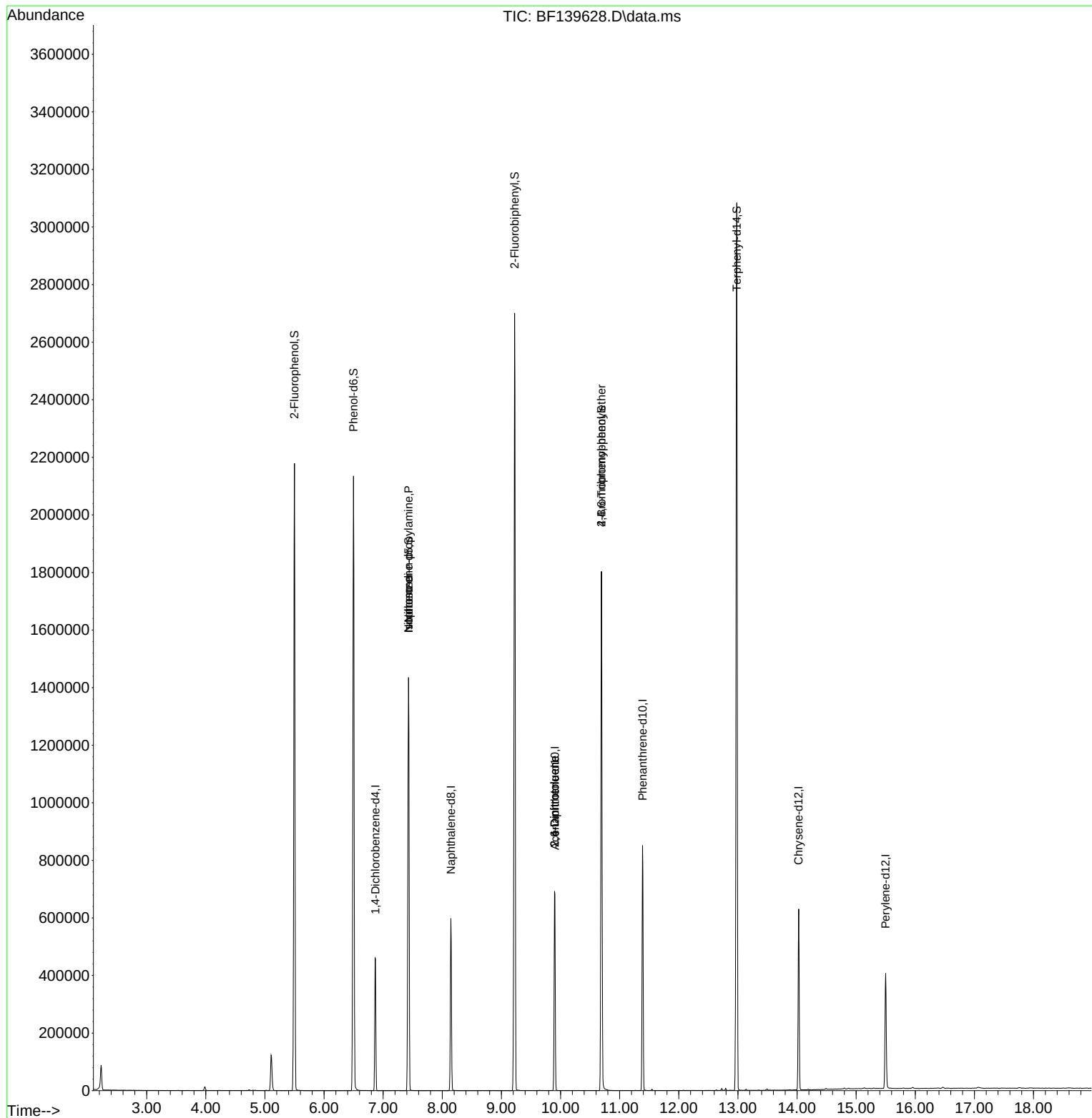
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	95700	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	371325	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	213362	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	449339	20.000	ng	0.00
76) Chrysene-d12	14.027	240	290242	20.000	ng	0.00
86) Perylene-d12	15.498	264	229314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	766101	138.750	ng	0.01
7) Phenol-d6	6.498	99	1019115	137.252	ng	0.00
23) Nitrobenzene-d5	7.428	82	666953	90.939	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	294058	142.770	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1241843	89.353	ng	0.00
79) Terphenyl-d14	12.980	244	1630855	92.197	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	91312	19.128	ng	# 76
25) Isophorone	7.428	82	665159	51.063	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	27193	8.619	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	27193	6.594	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	19587	4.251	ng	# 1

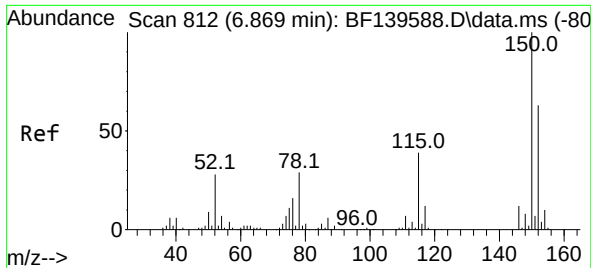
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
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Quant Time: Oct 03 14:03:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

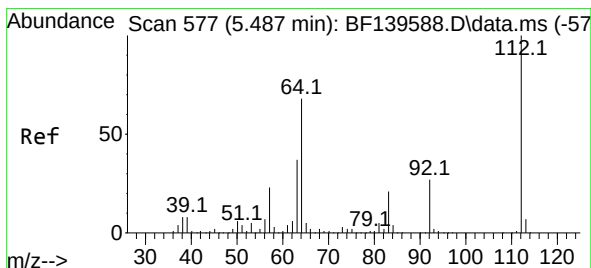
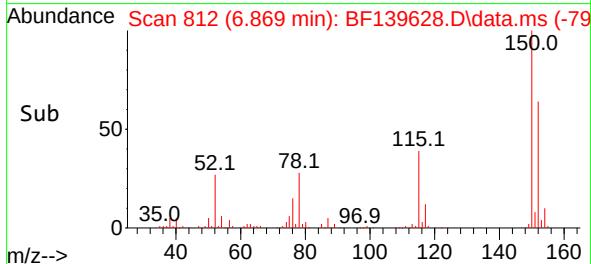
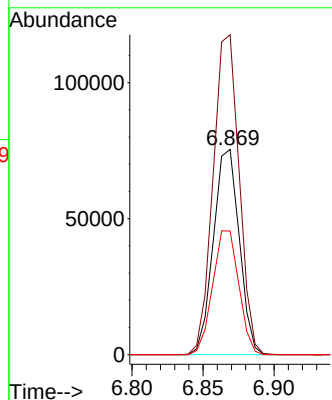
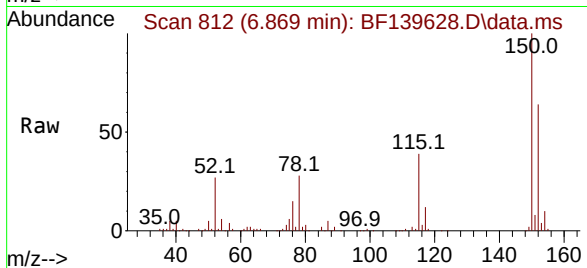




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

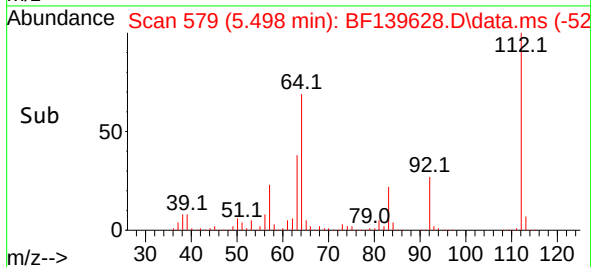
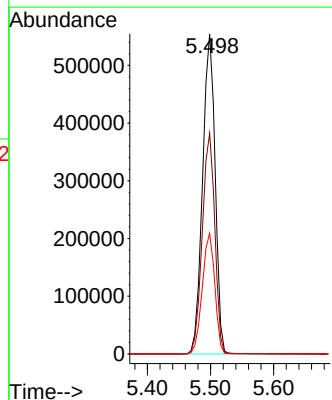
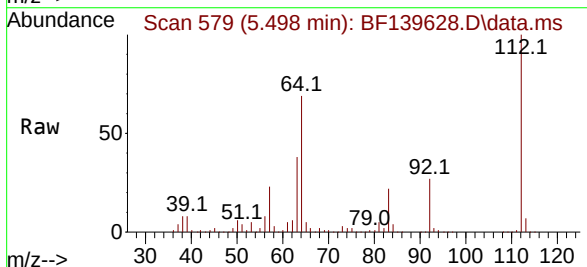
Instrument :
BNA_F
ClientSampleId :
PB163825BL

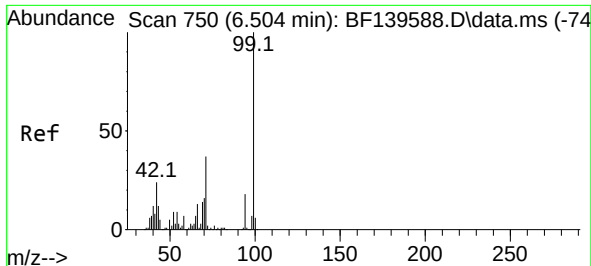
Tgt Ion:152 Resp: 95700
Ion Ratio Lower Upper
152 100
150 155.9 127.2 190.8
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 138.750 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

Tgt Ion:112 Resp: 766101
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 37.7 29.4 44.2

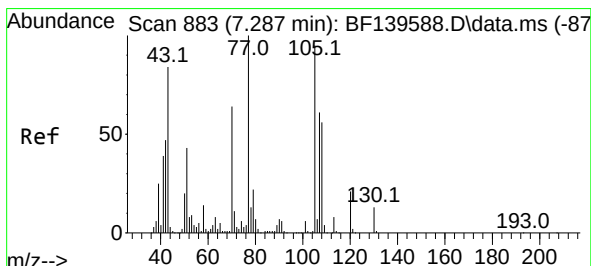
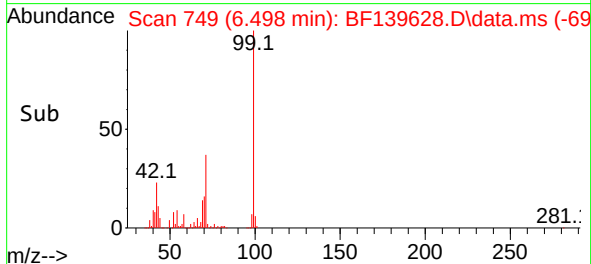
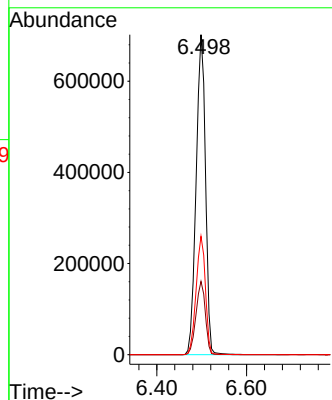
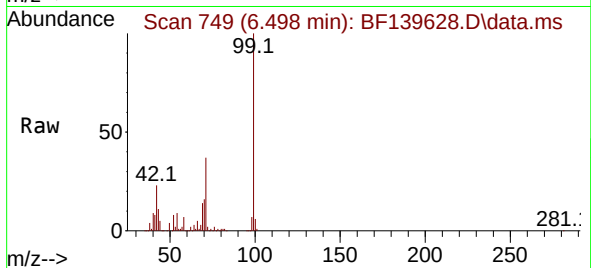




#7
Phenol-d6
Concen: 137.252 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

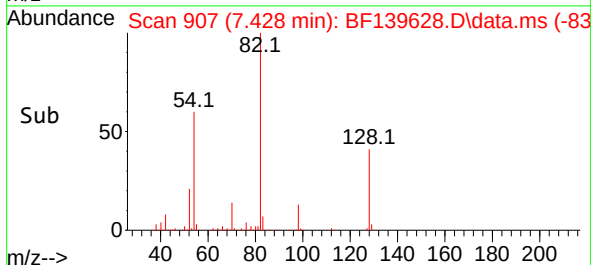
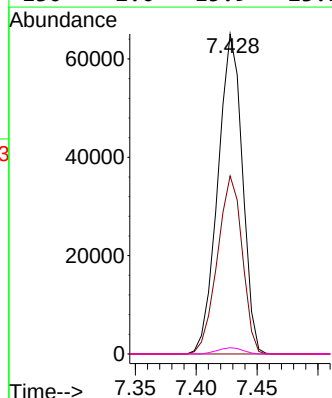
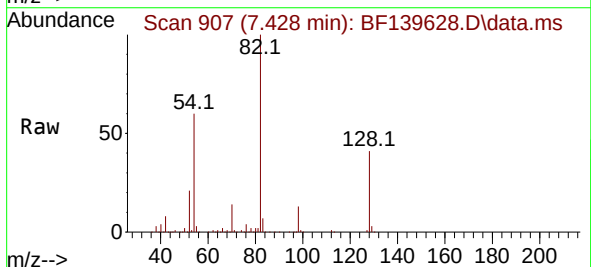
Instrument :
BNA_F
ClientSampleId :
PB163825BL

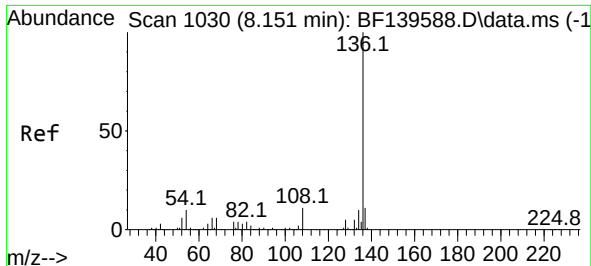
Tgt Ion: 99 Resp: 1019115
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 37.0 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.128 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

Tgt Ion: 70 Resp: 91312
Ion Ratio Lower Upper
70 100
42 55.7 58.0 87.0#
101 0.0 7.8 11.8#
130 2.0 15.9 23.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

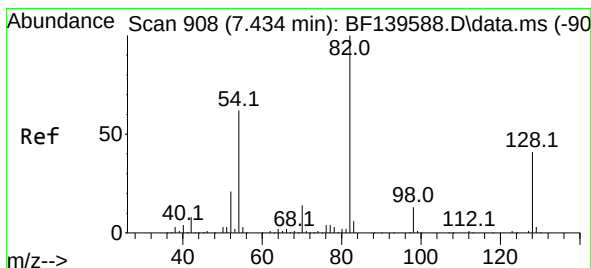
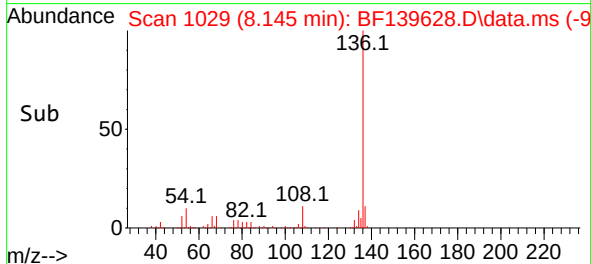
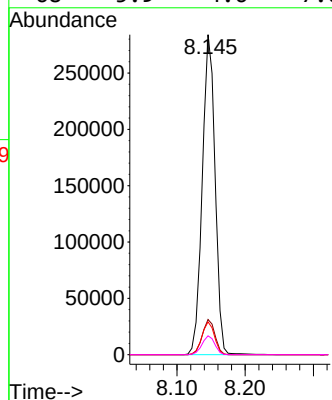
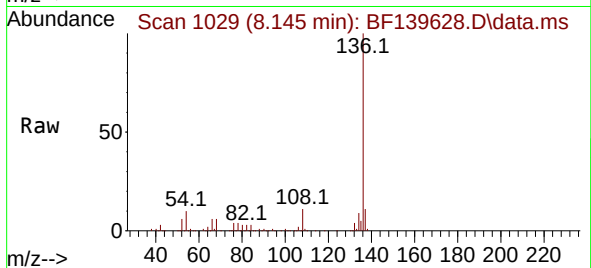
Instrument :

BNA_F

ClientSampleId :

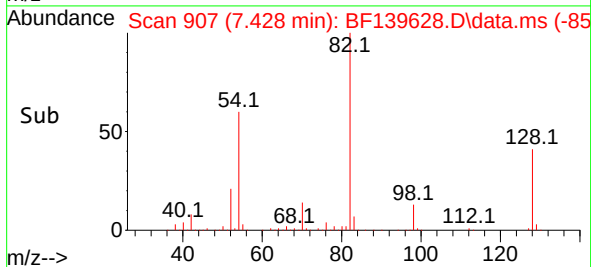
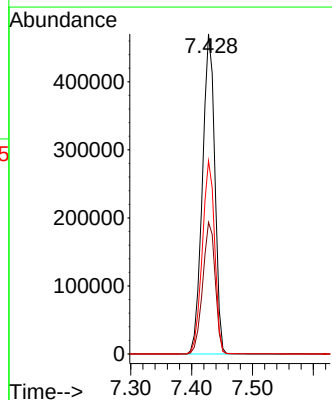
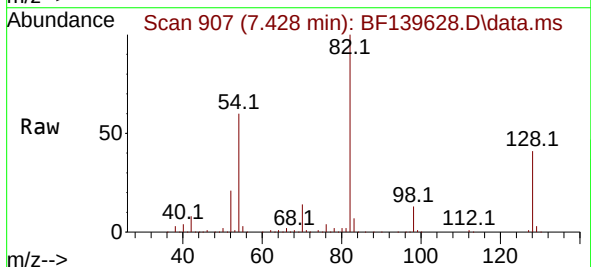
PB163825BL

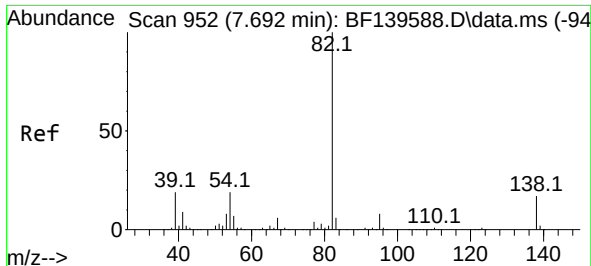
Tgt Ion:136 Resp: 371325
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.3 8.3 12.5
68 5.9 4.6 7.0



#23
Nitrobenzene-d5
Concen: 90.939 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

Tgt Ion: 82 Resp: 666953
Ion Ratio Lower Upper
82 100
128 41.1 32.4 48.6
54 60.4 49.1 73.7

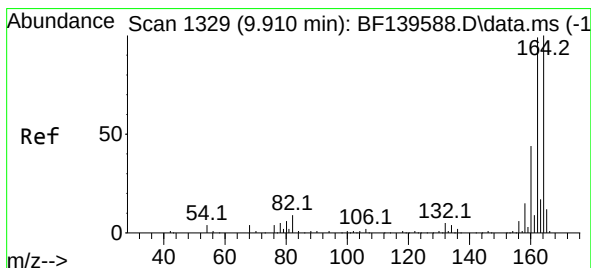
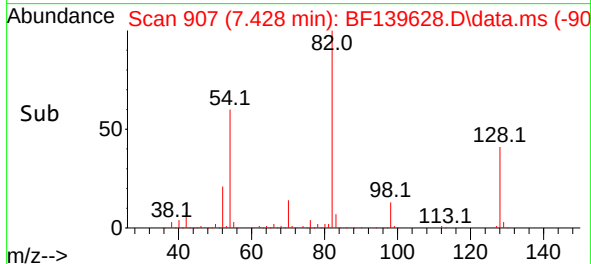
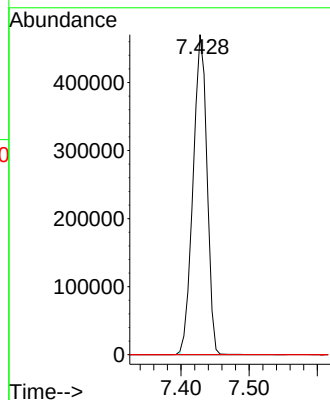
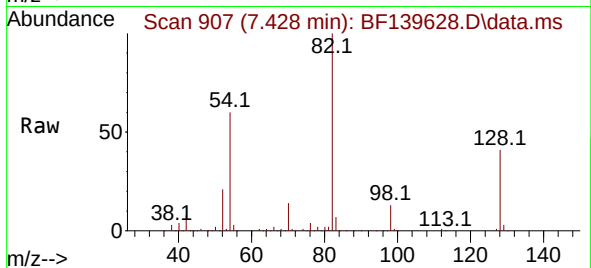




#25
Isophorone
Concen: 51.063 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

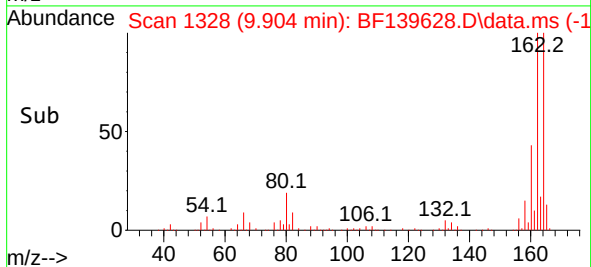
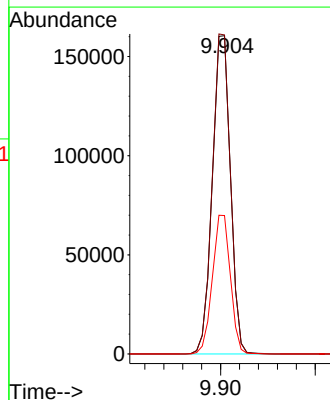
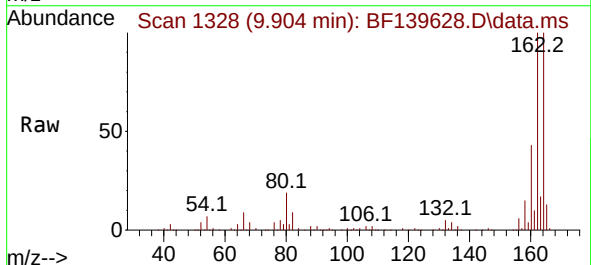
Instrument :
BNA_F
ClientSampleId :
PB163825BL

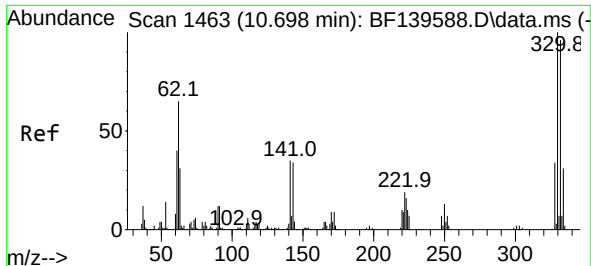
Tgt Ion: 82 Resp: 665159
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

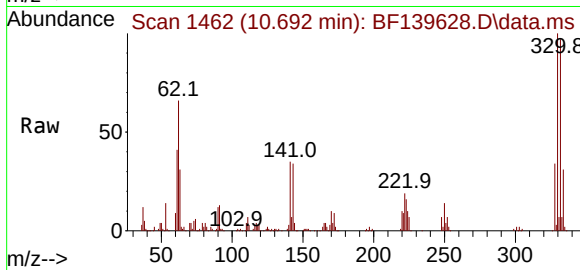
Tgt Ion:164 Resp: 213362
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.0
160 43.5 35.1 52.7



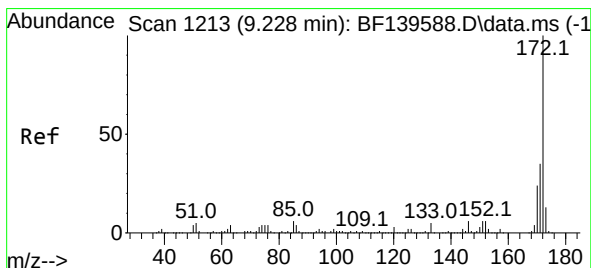
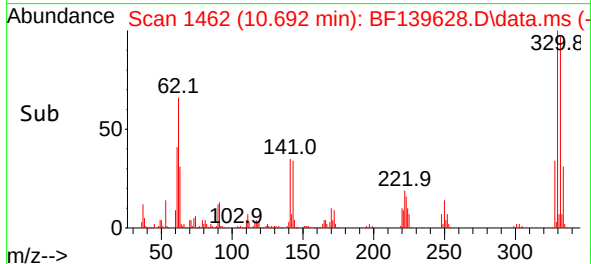
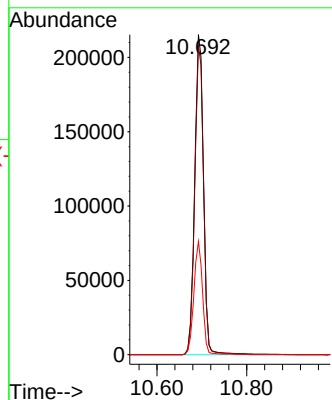


#42
2,4,6-Tribromophenol
Concen: 142.770 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB163825BL

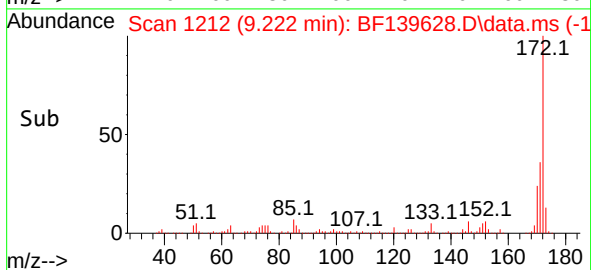
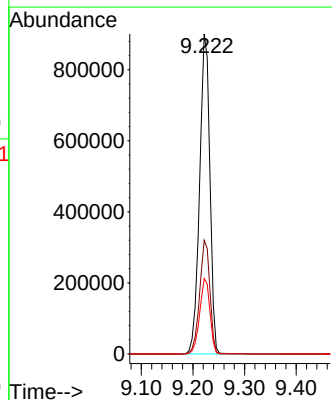
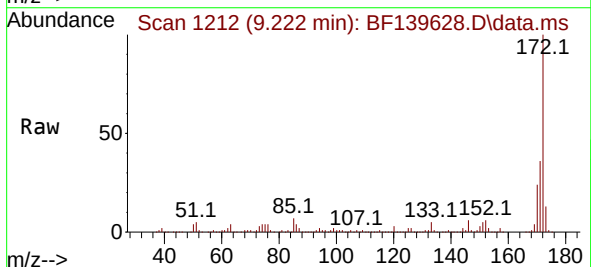


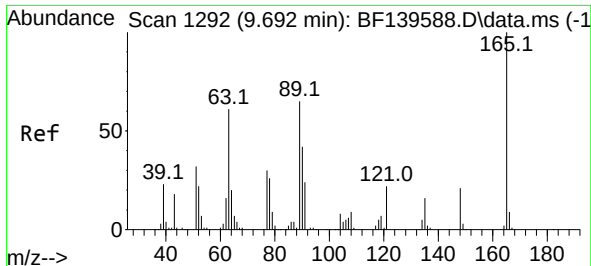
Tgt Ion: 330 Resp: 294058
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 34.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 89.353 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

Tgt Ion: 172 Resp: 1241843
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.6 18.8 28.2

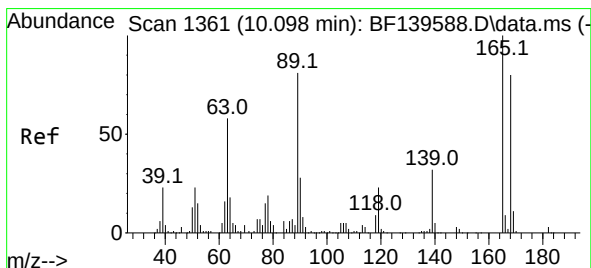
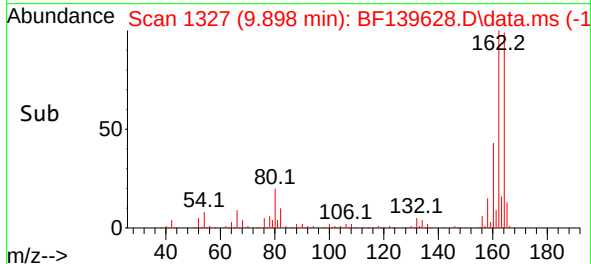
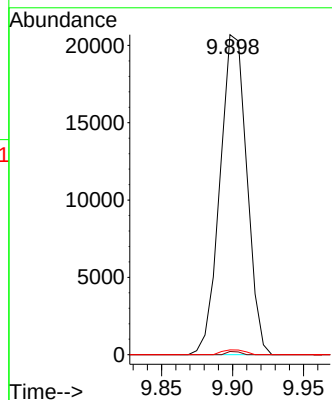
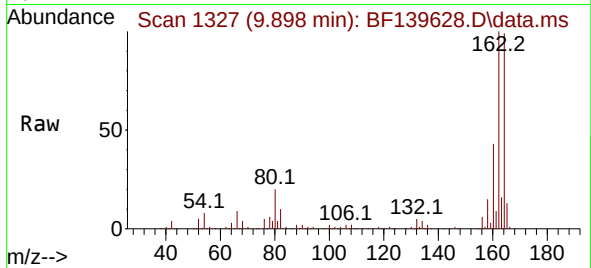




#51
2,6-Dinitrotoluene
Concen: 8.619 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

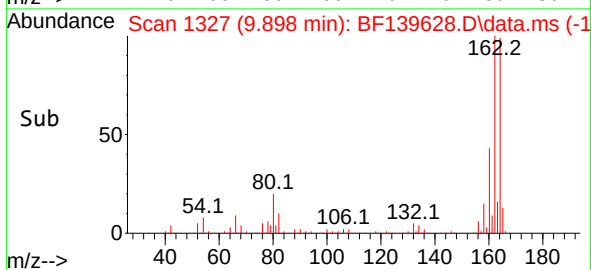
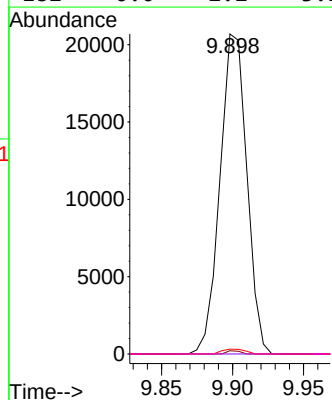
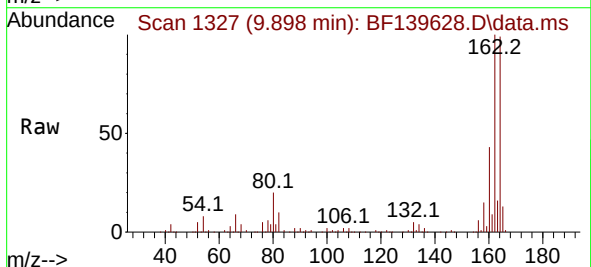
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ClientSampleId :
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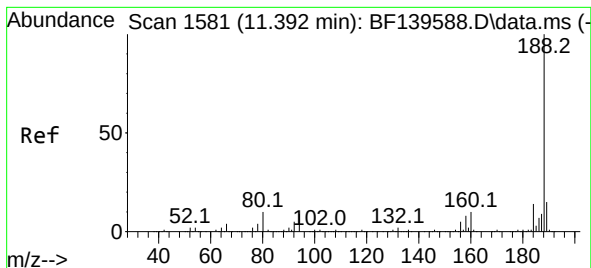
Tgt Ion:165 Resp: 27193
Ion Ratio Lower Upper
165 100
63 1.0 56.7 85.1#
89 1.5 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.594 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

Tgt Ion:165 Resp: 27193
Ion Ratio Lower Upper
165 100
63 1.0 46.9 70.3#
89 1.5 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139628.D

Acq: 03 Oct 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB163825BL

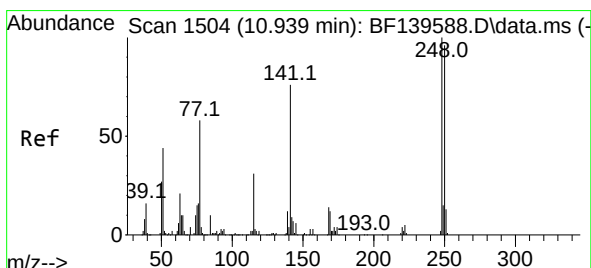
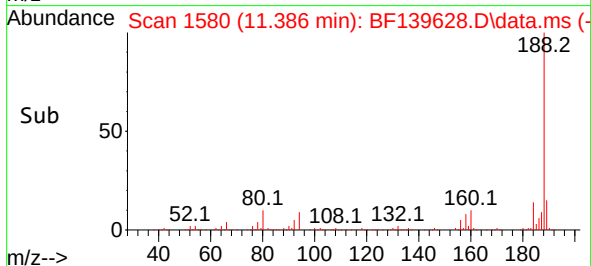
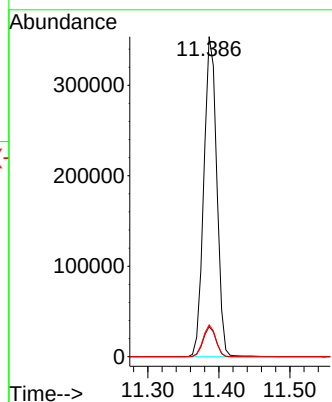
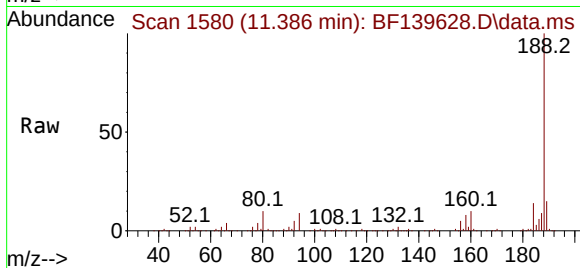
Tgt Ion:188 Resp: 449339

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 9.9 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.251 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139628.D

Acq: 03 Oct 2024 13:40

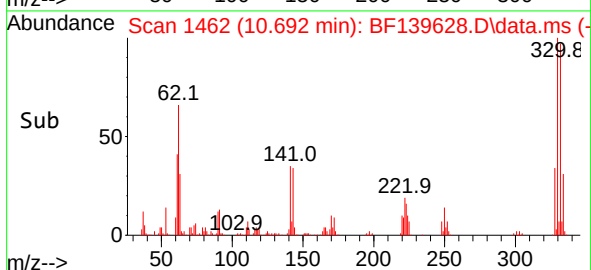
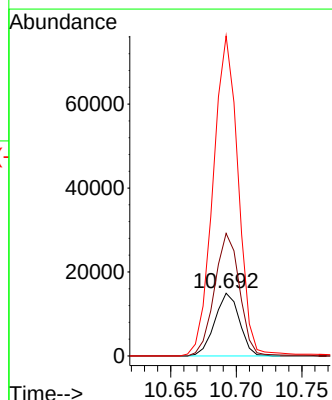
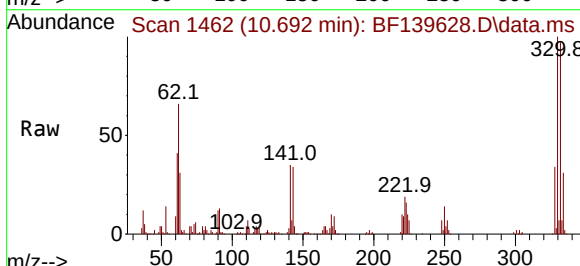
Tgt Ion:248 Resp: 19587

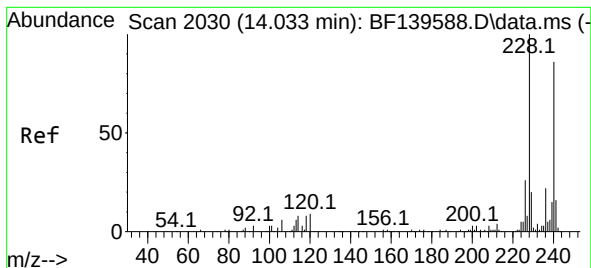
Ion Ratio Lower Upper

248 100

250 195.5 77.1 115.7#

141 510.5 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139628.D

Acq: 03 Oct 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB163825BL

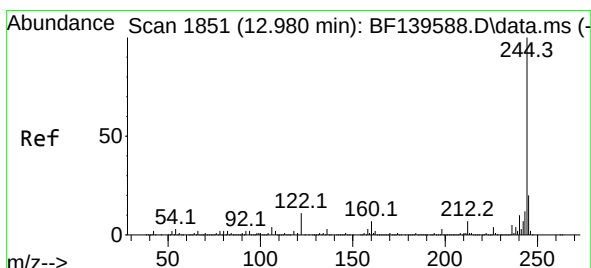
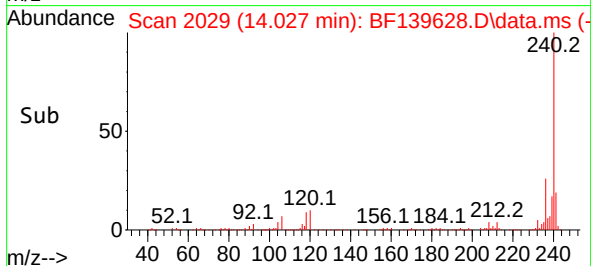
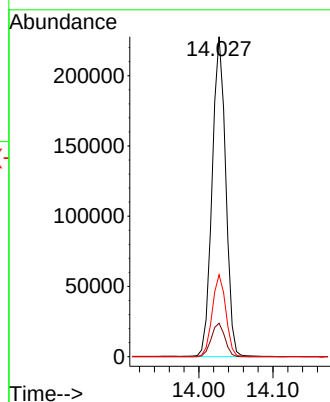
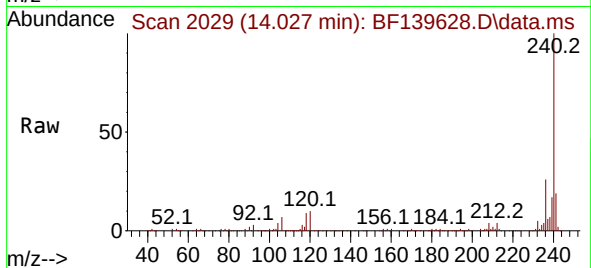
Tgt Ion:240 Resp: 290242

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 92.197 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139628.D

Acq: 03 Oct 2024 13:40

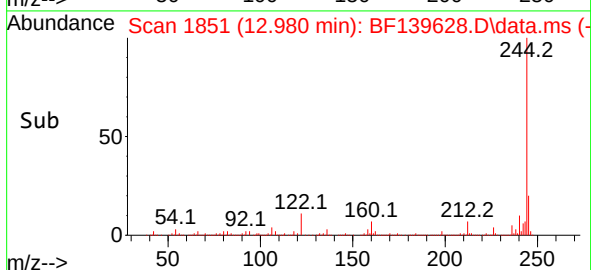
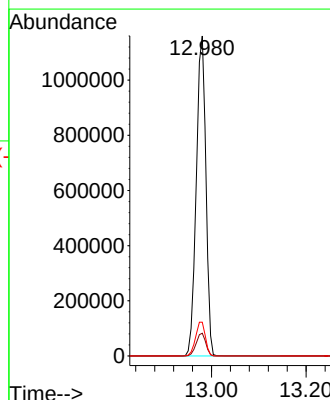
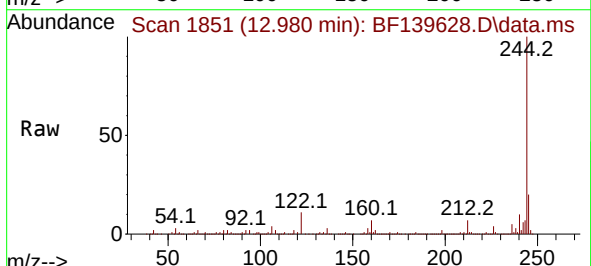
Tgt Ion:244 Resp: 1630855

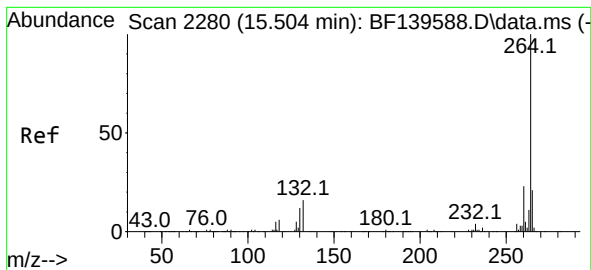
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

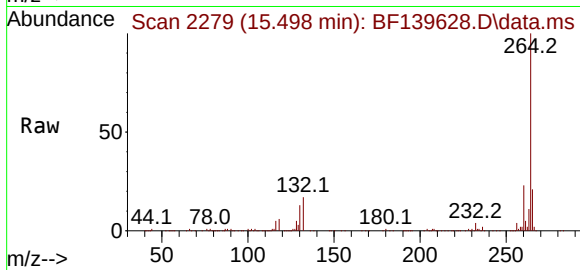
122 10.5 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB163825BL



Tgt Ion:264 Resp: 229314

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	16.9	25.3

