

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140498.D
 Acq On : 20 Nov 2024 14:01
 Operator : RC/JU
 Sample : P4868-03RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP303-20241114RE

Quant Time: Nov 20 14:29:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

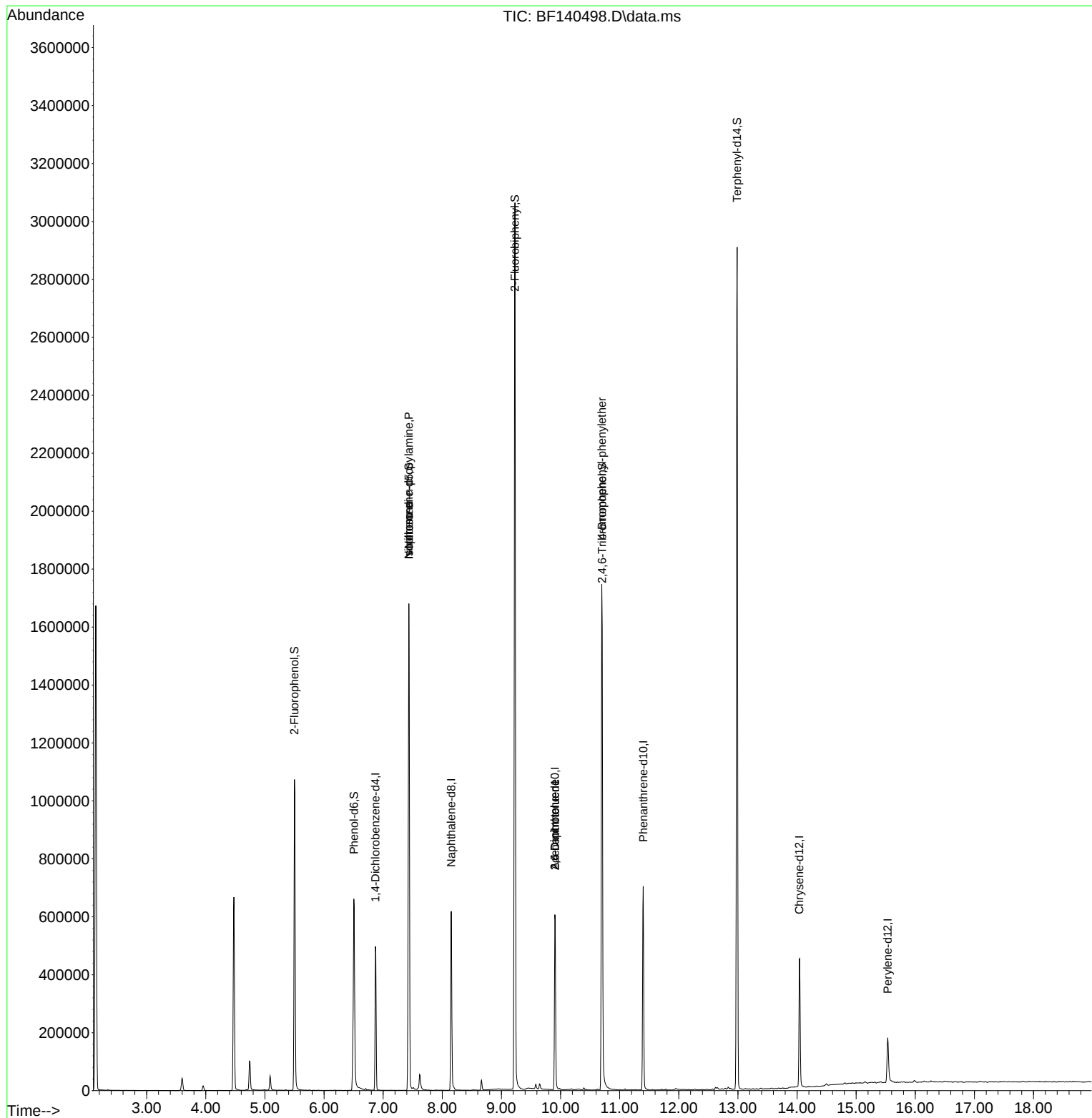
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	107774	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	401651	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	185909	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	383896	20.000	ng	0.00
76) Chrysene-d12	14.039	240	211068	20.000	ng	-0.01
86) Perylene-d12	15.533	264	81264	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	415318	65.796	ng	0.00
7) Phenol-d6	6.504	99	315680	36.913	ng	0.00
23) Nitrobenzene-d5	7.434	82	813534	105.533	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	327454	177.125	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1392379	120.398	ng	0.00
79) Terphenyl-d14	12.986	244	1457190	119.837	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	107693	20.850	ng	# 76
25) Isophorone	7.434	82	804419	58.878	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	24069	8.713	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	24070	6.620	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	21114	5.502	ng	# 1

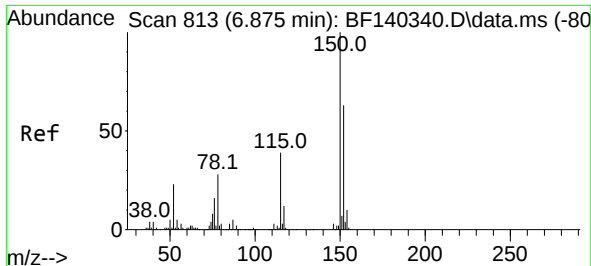
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
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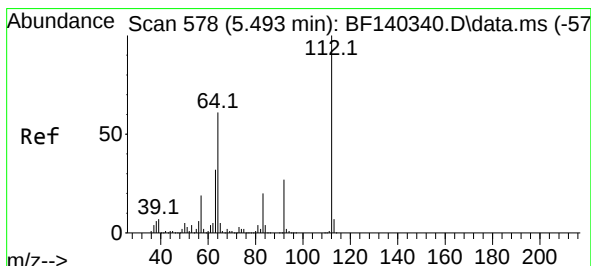
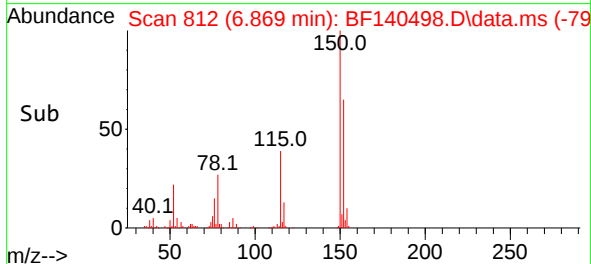
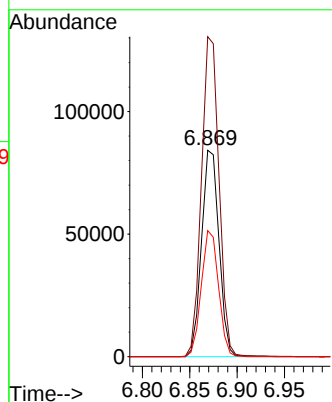
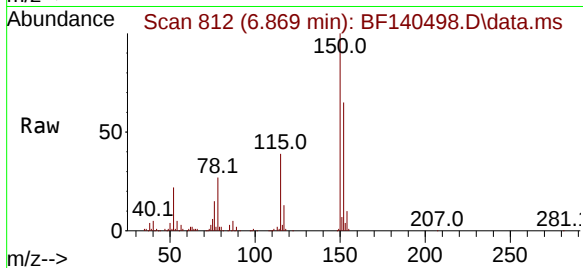




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

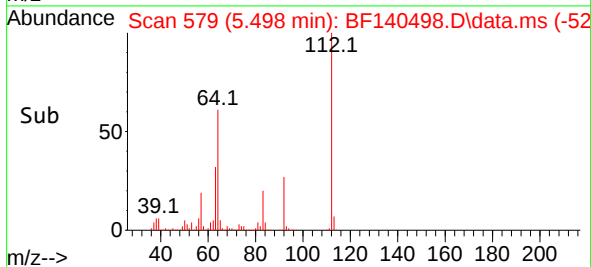
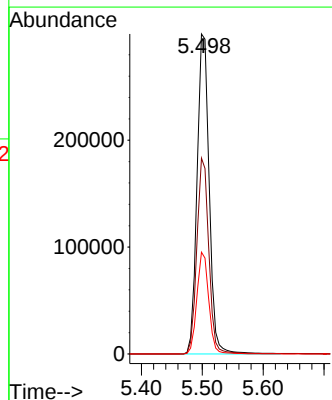
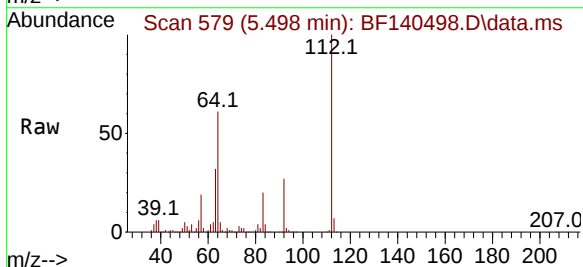
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114RE

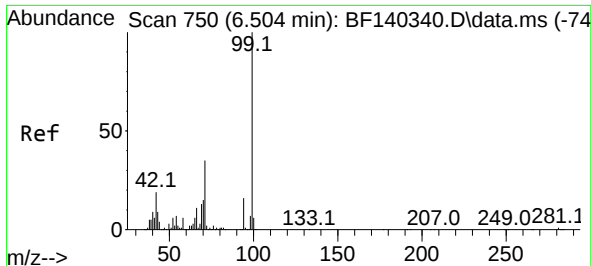
Tgt Ion:152 Resp: 107774
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 61.1 47.4 71.2



#5
2-Fluorophenol
Concen: 65.796 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

Tgt Ion:112 Resp: 415318
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 31.8 25.6 38.4

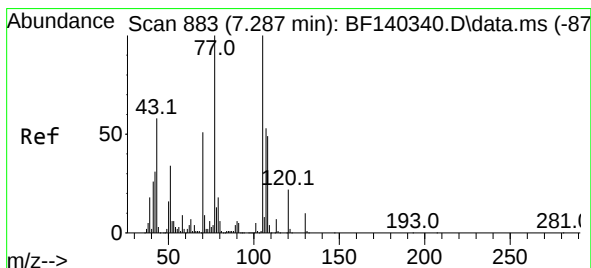
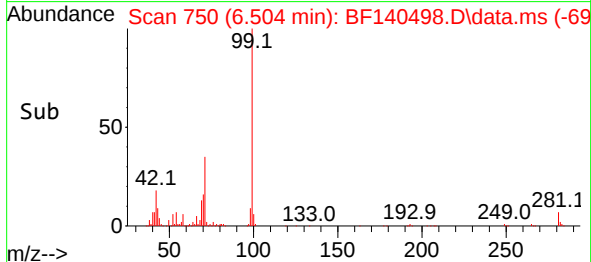
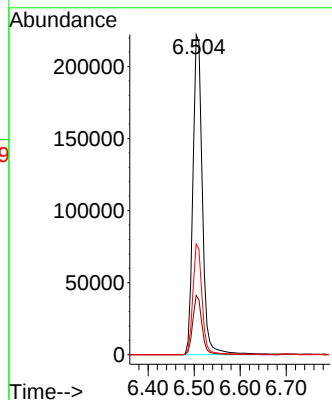
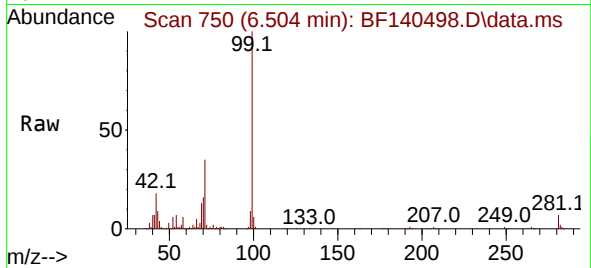




#7
Phenol-d6
Concen: 36.913 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

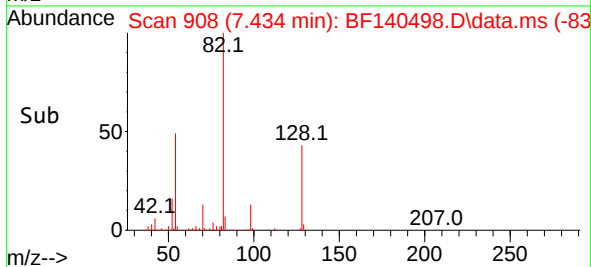
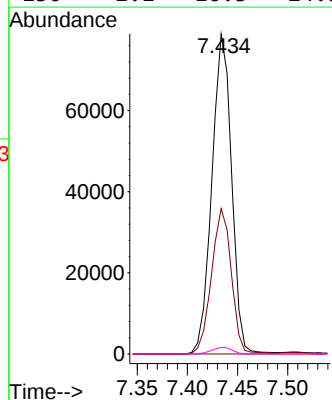
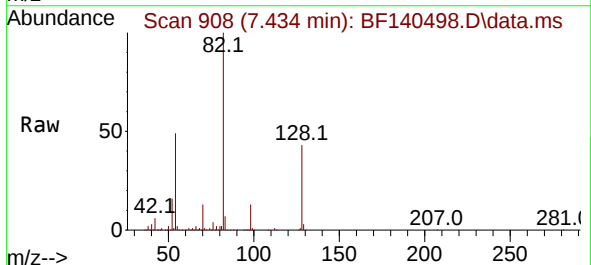
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114RE

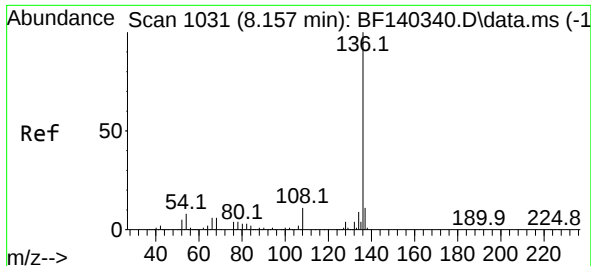
Tgt Ion: 99 Resp: 315680
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 34.6 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.850 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

Tgt Ion: 70 Resp: 107693
Ion Ratio Lower Upper
70 100
42 45.4 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#

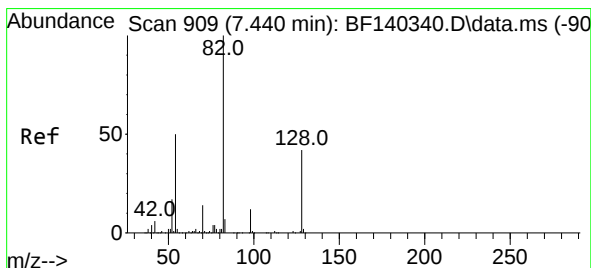
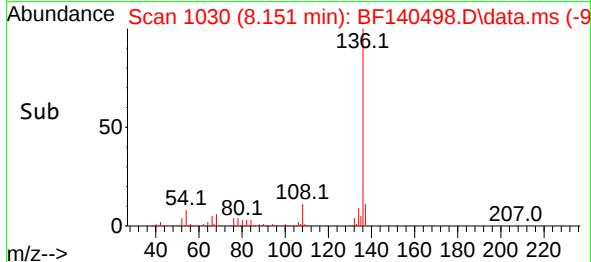
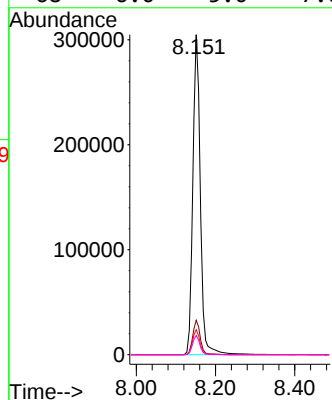
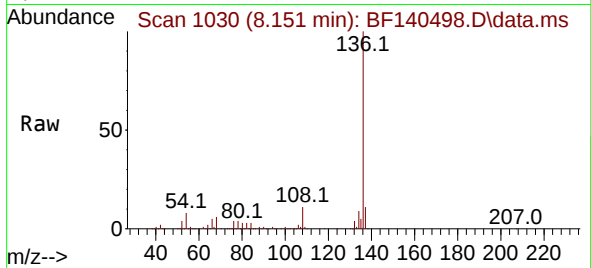




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

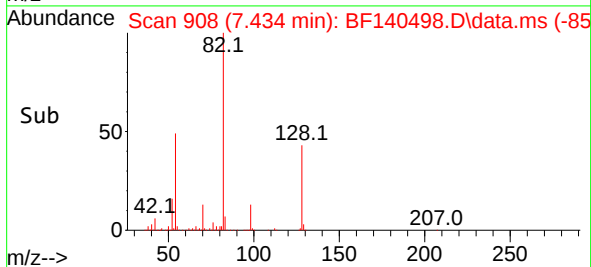
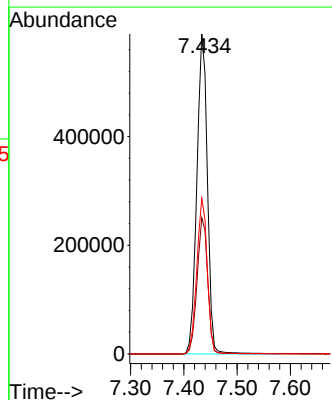
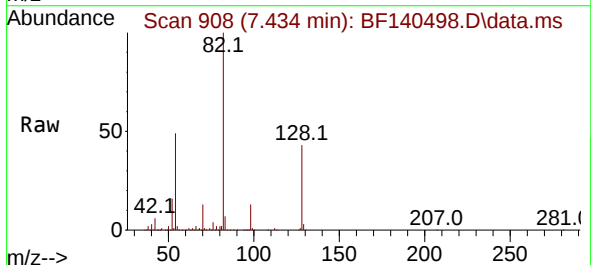
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114RE

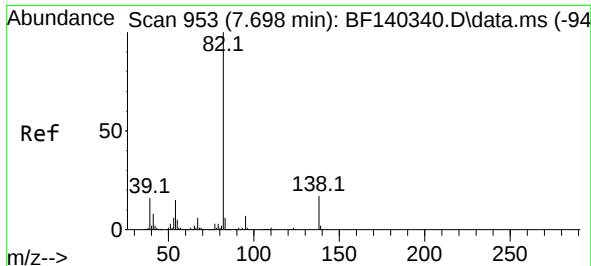
Tgt Ion:136 Resp: 401651
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.8 6.5 9.7
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 105.533 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

Tgt Ion: 82 Resp: 813534
Ion Ratio Lower Upper
82 100
128 42.6 33.3 49.9
54 48.6 39.8 59.8

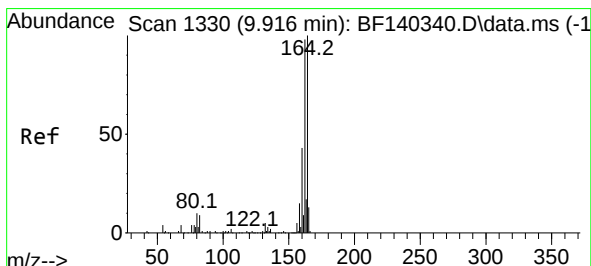
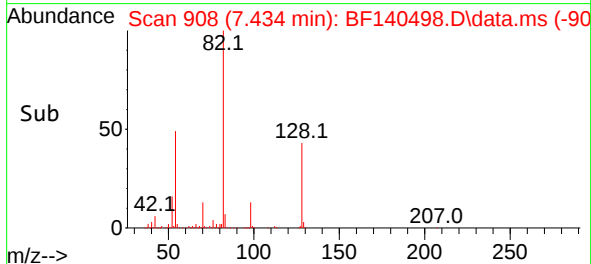
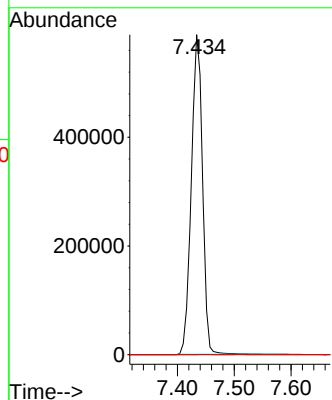
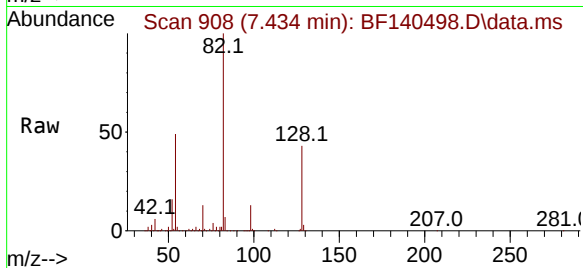




#25
Isophorone
Concen: 58.878 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

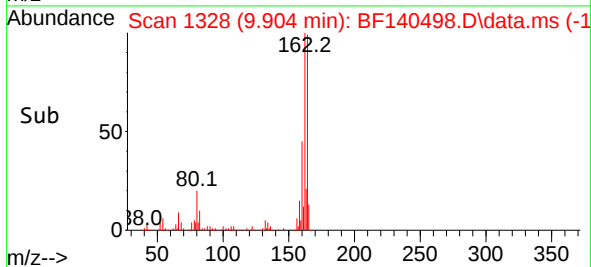
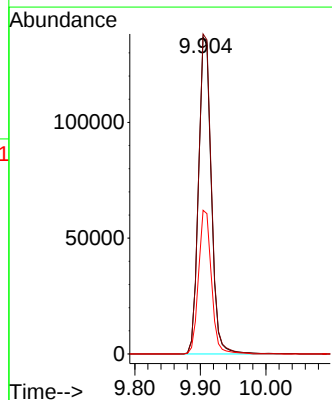
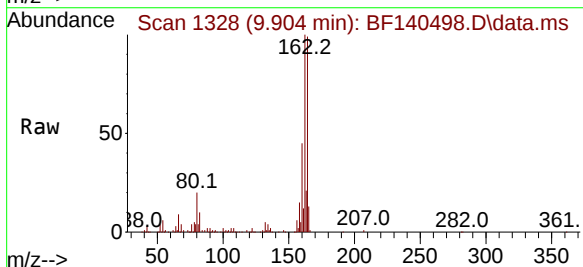
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114RE

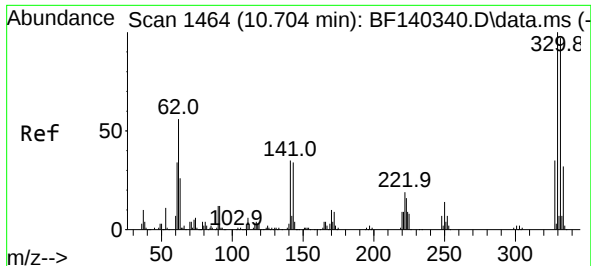
Tgt Ion: 82 Resp: 804419
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

Tgt Ion:164 Resp: 185909
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.8
160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 177.125 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140498.D

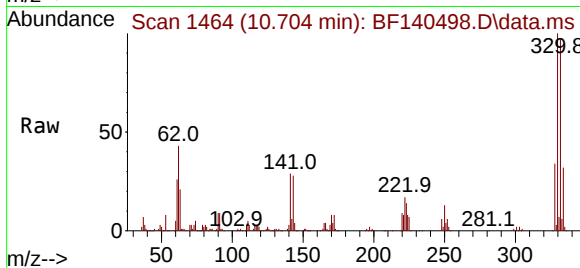
Acq: 20 Nov 2024 14:01

Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114RE



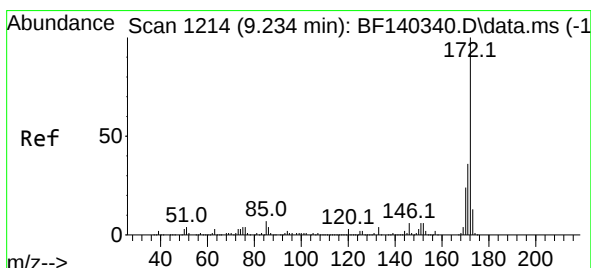
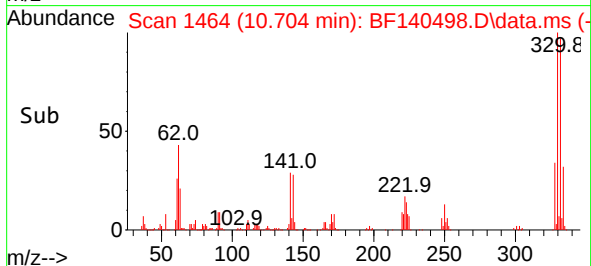
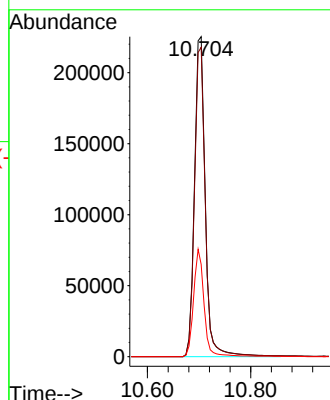
Tgt Ion:330 Resp: 327454

Ion Ratio Lower Upper

330 100

332 96.7 75.9 113.9

141 32.5 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 120.398 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140498.D

Acq: 20 Nov 2024 14:01

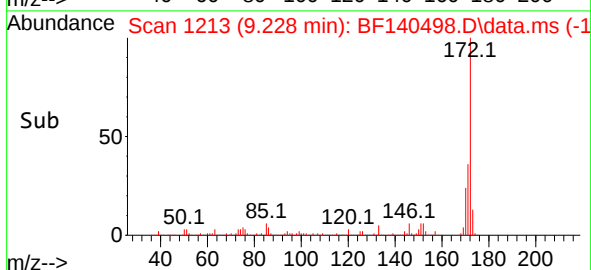
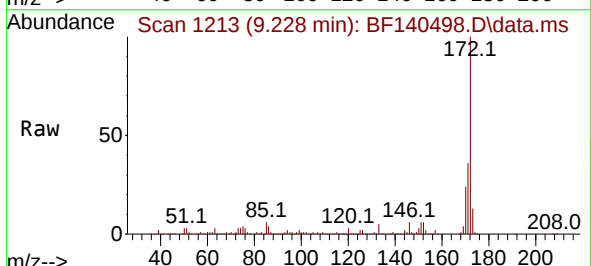
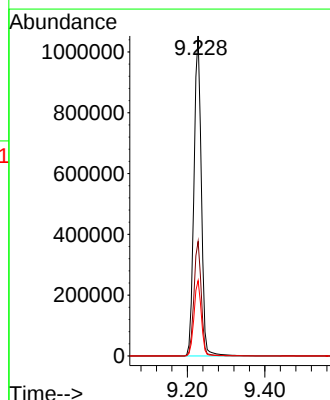
Tgt Ion:172 Resp: 1392379

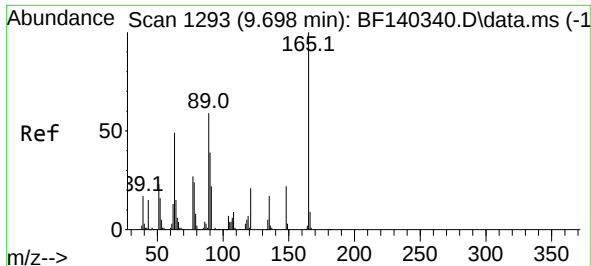
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.6 19.1 28.7

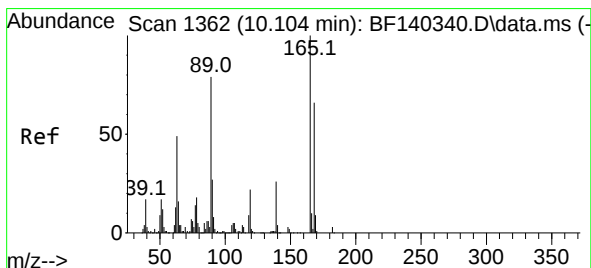
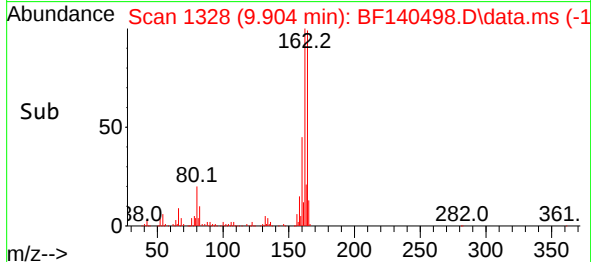
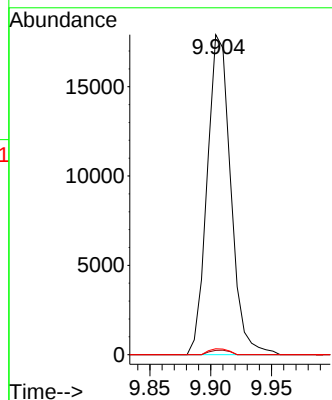
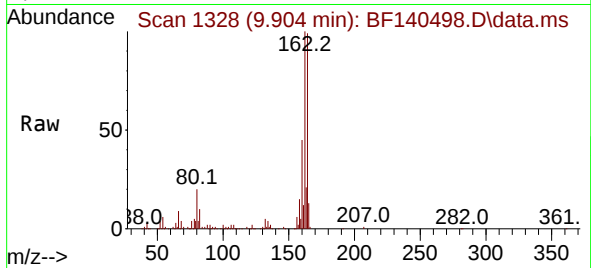




#51
2,6-Dinitrotoluene
Concen: 8.713 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

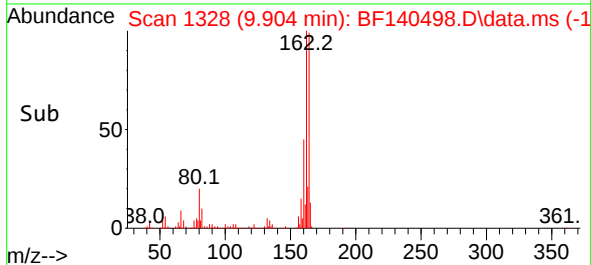
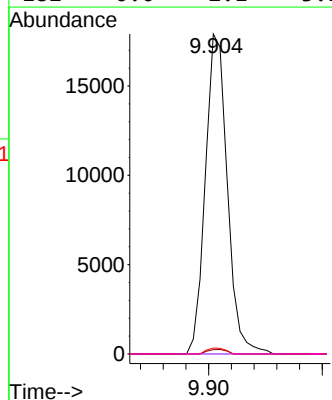
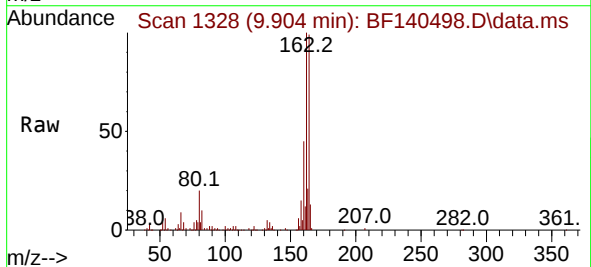
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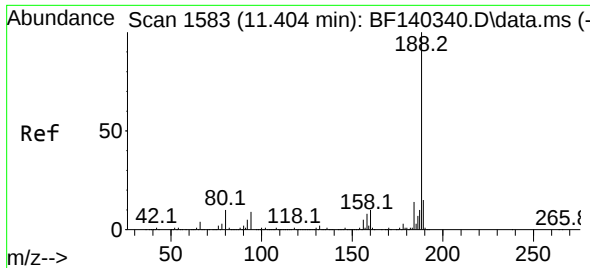
Tgt Ion:165 Resp: 24069
Ion Ratio Lower Upper
165 100
63 1.3 47.6 71.4#
89 1.9 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.620 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

Tgt Ion:165 Resp: 24070
Ion Ratio Lower Upper
165 100
63 1.3 39.4 59.0#
89 1.9 62.4 93.6#
182 0.0 2.1 3.1#

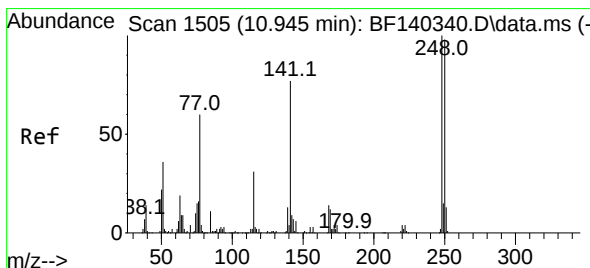
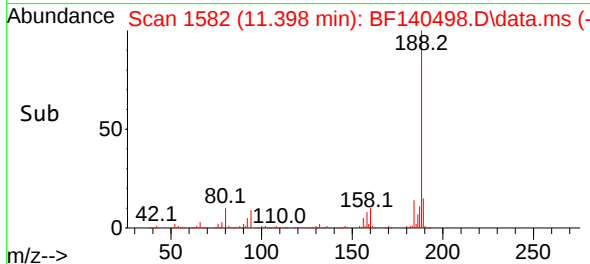
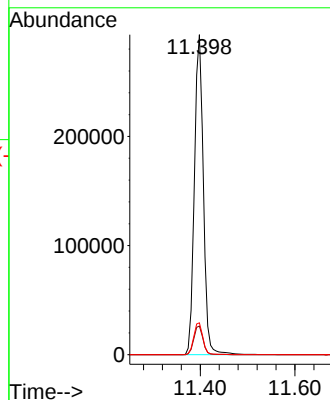
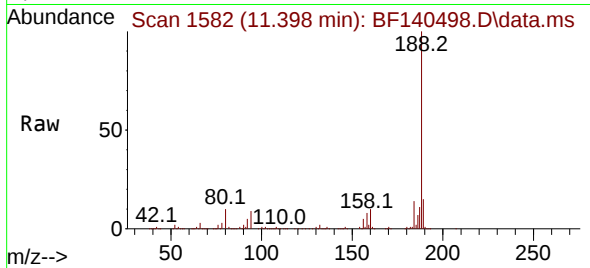




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

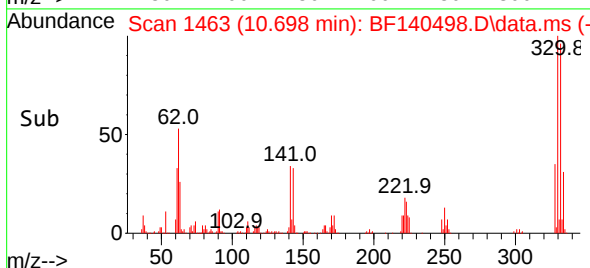
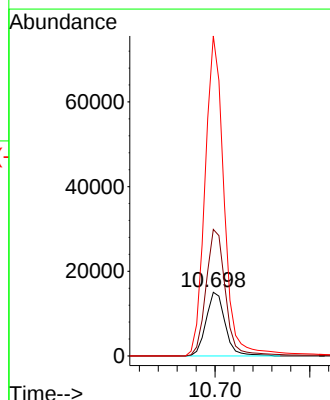
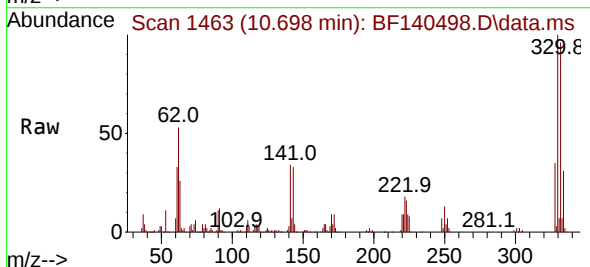
Instrument :
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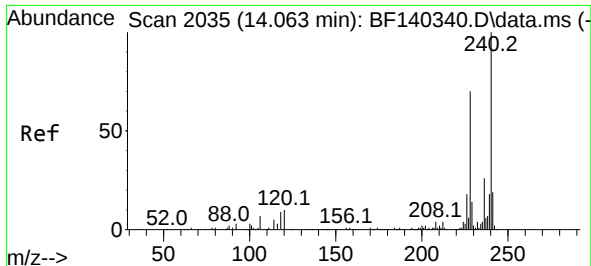
Tgt Ion:188 Resp: 383896
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.9 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 5.502 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

Tgt Ion:248 Resp: 21114
Ion Ratio Lower Upper
248 100
250 198.9 77.9 116.9#
141 502.6 61.8 92.6#

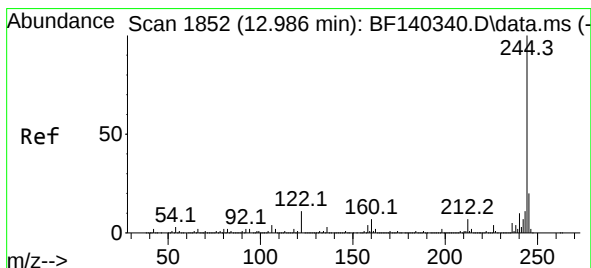
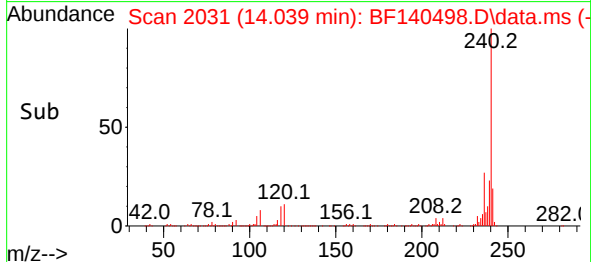
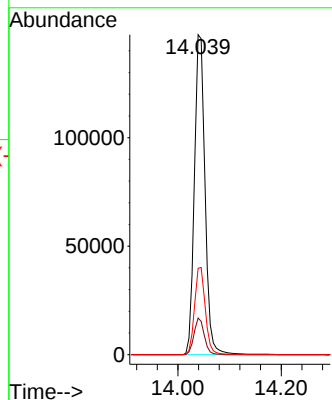
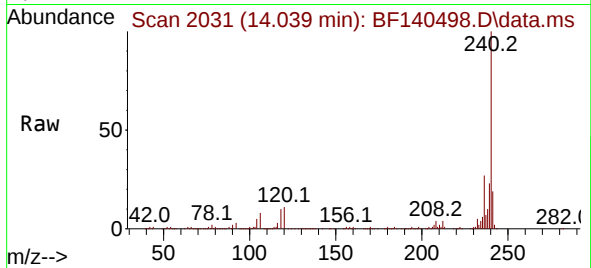




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

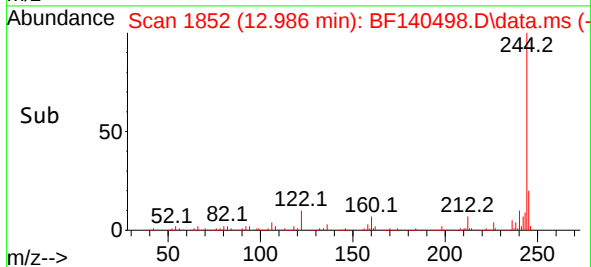
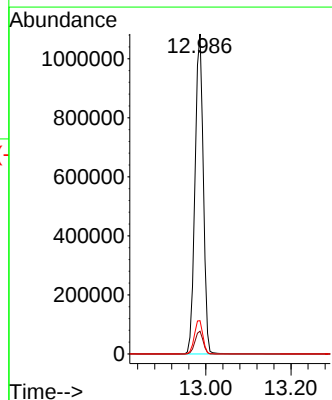
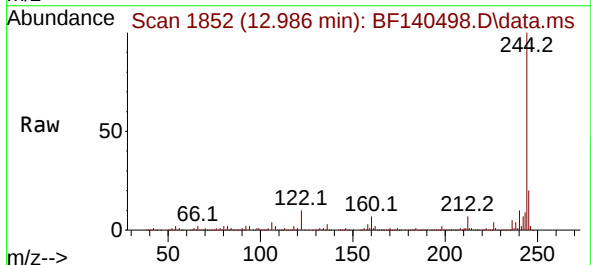
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114RE

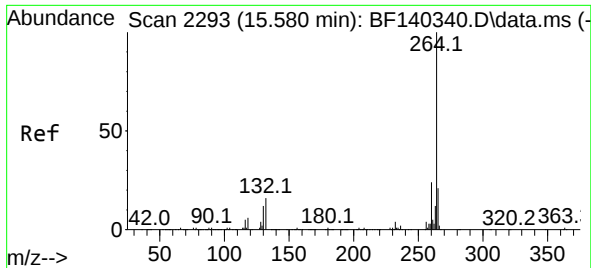
Tgt Ion:240 Resp: 211068
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 27.0 20.9 31.3



#79
Terphenyl-d14
Concen: 119.837 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

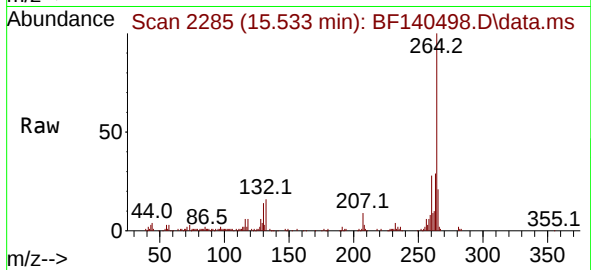
Tgt Ion:244 Resp: 1457190
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF140498.D
 Acq: 20 Nov 2024 14:01

Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP303-20241114RE



Tgt Ion:	264	Resp:	81264
Ion Ratio	Lower	Upper	
264	100		
260	28.1	19.2	28.8
265	21.1	17.1	25.7

