

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140494.D
 Acq On : 20 Nov 2024 12:15
 Operator : RC/JU
 Sample : P4868-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP303-20241114

Quant Time: Nov 20 12:41:06 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)

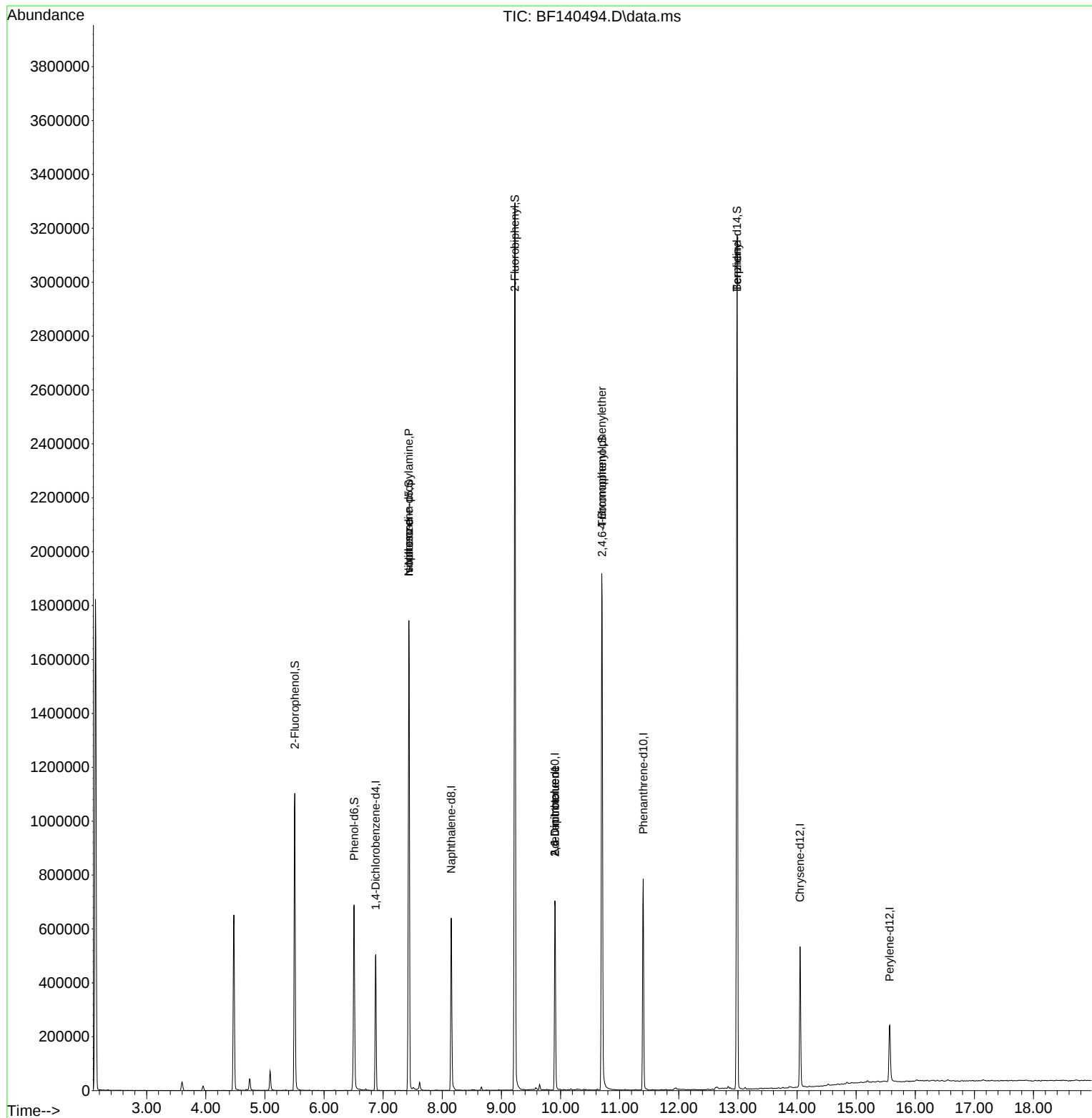
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	111180	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	421980	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	217249	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	429469	20.000	ng	0.00
76) Chrysene-d12	14.051	240	252845	20.000	ng	0.00
86) Perylene-d12	15.563	264	112601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	428854	65.859	ng	0.01
7) Phenol-d6	6.510	99	339169	38.444	ng	0.00
23) Nitrobenzene-d5	7.434	82	841107	103.853	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	360683	166.954	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1487661	110.080	ng	0.00
79) Terphenyl-d14	12.986	244	1579140	108.409	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	112138	21.046	ng	# 77
25) Isophorone	7.434	82	835639	58.217	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	27680	8.574	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	27680	6.515	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	22878	5.329	ng	# 1
77) Benzidine	12.986	184	21428	2.208	ng	# 93

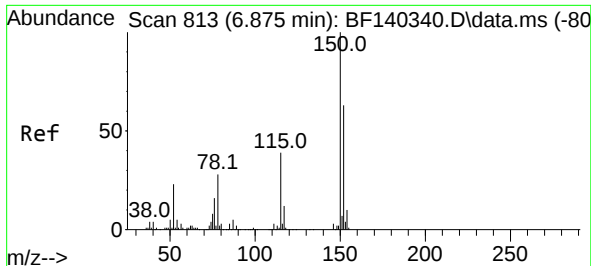
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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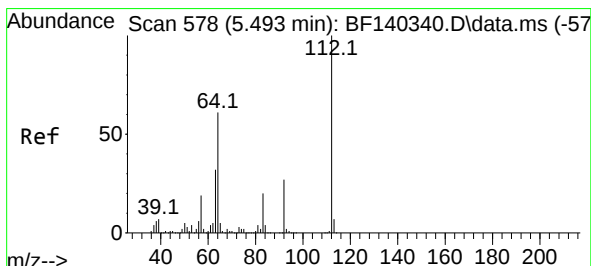
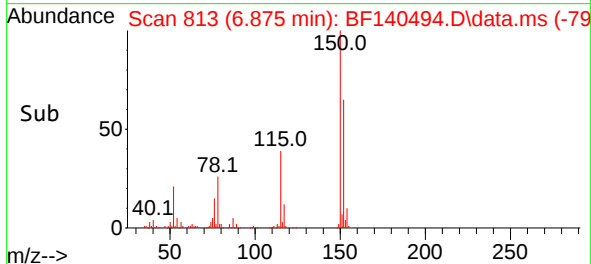
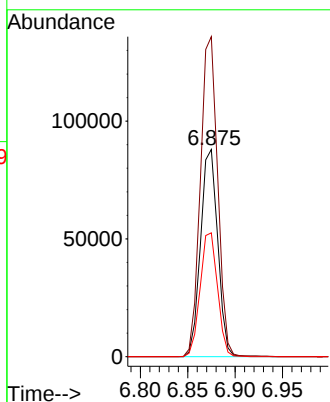
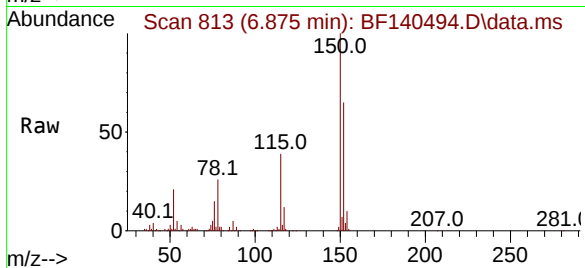




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

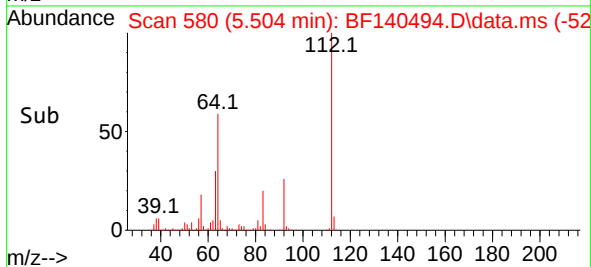
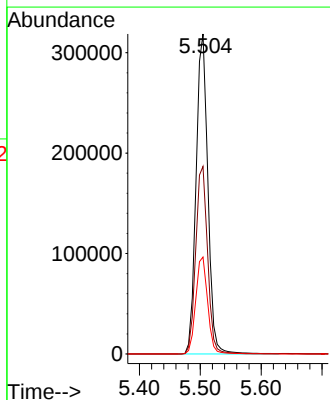
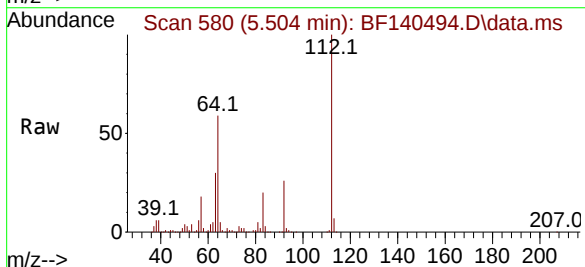
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

Tgt Ion:152 Resp: 111180
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 59.7 47.4 71.2



#5
2-Fluorophenol
Concen: 65.859 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion:112 Resp: 428854
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 30.3 25.6 38.4

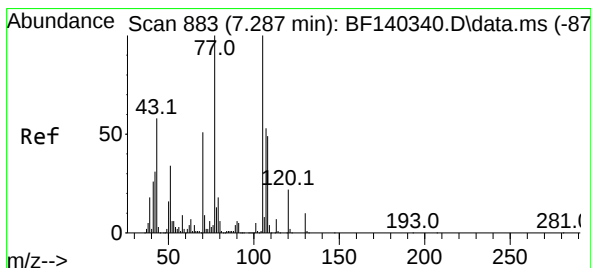
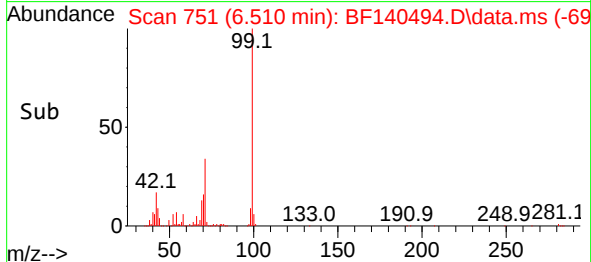
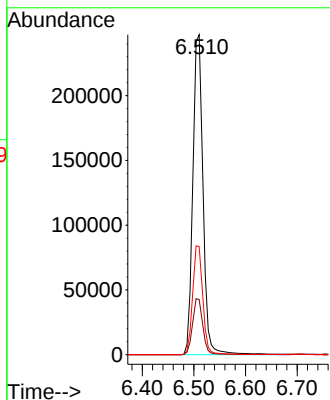
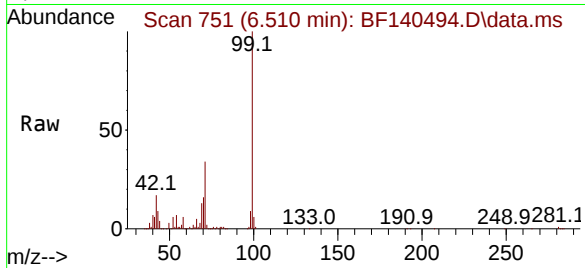




#7
Phenol-d6
Concen: 38.444 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

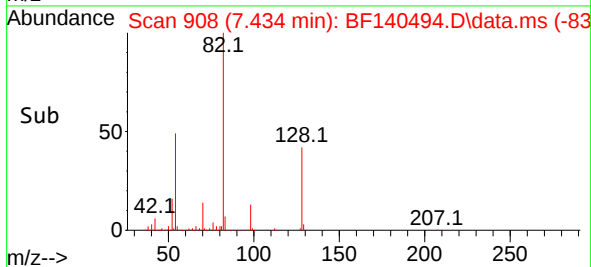
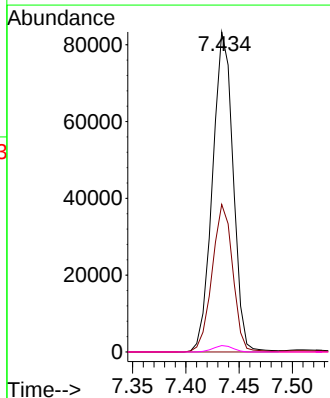
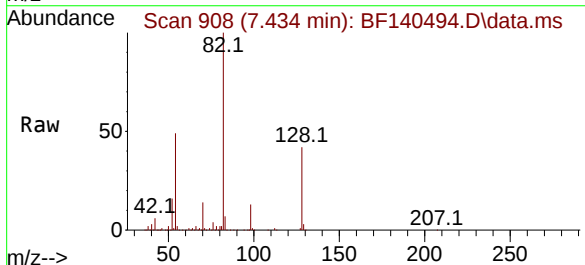
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

Tgt Ion: 99 Resp: 339169
Ion Ratio Lower Upper
99 100
42 17.2 15.1 22.7
71 33.8 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.046 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion: 70 Resp: 112138
Ion Ratio Lower Upper
70 100
42 46.1 46.8 70.2#
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#

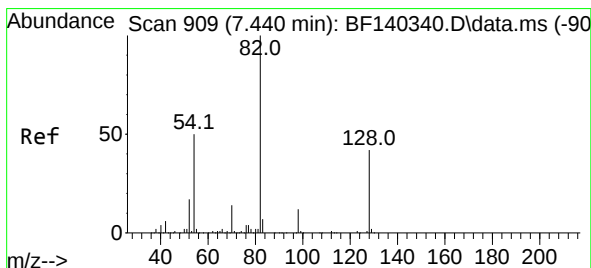
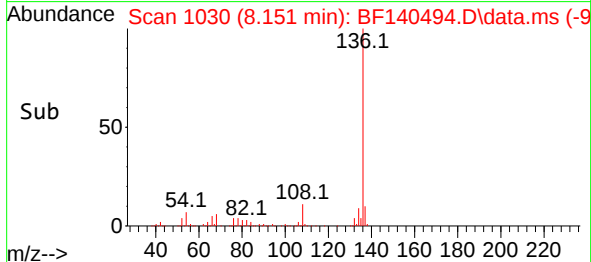
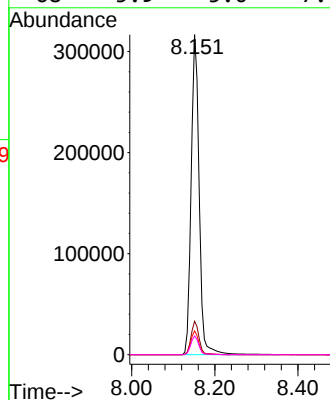
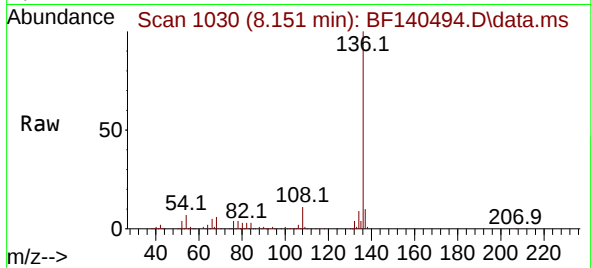




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

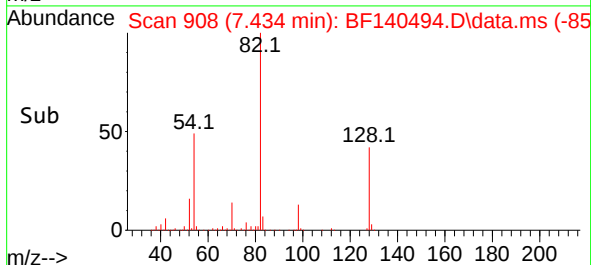
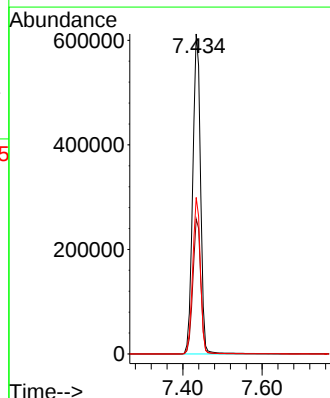
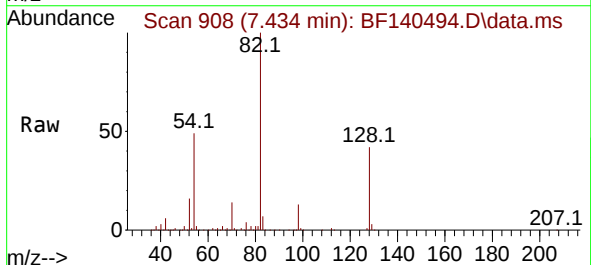
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

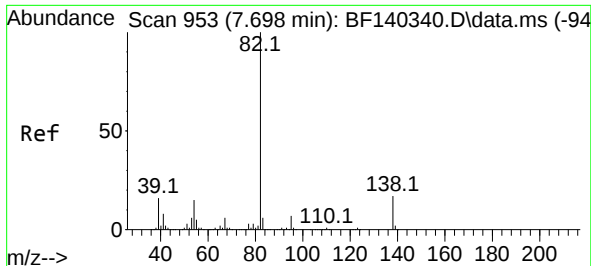
Tgt Ion:	136	Resp:	421980
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	7.5	6.5	9.7
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 103.853 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion:	82	Resp:	841107
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	48.9	39.8	59.8

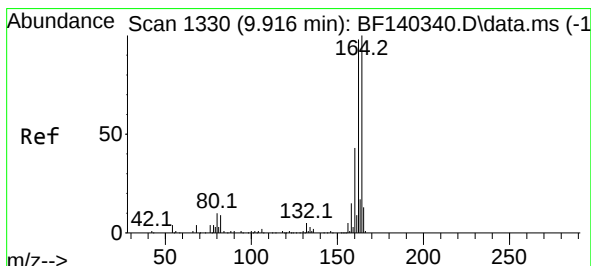
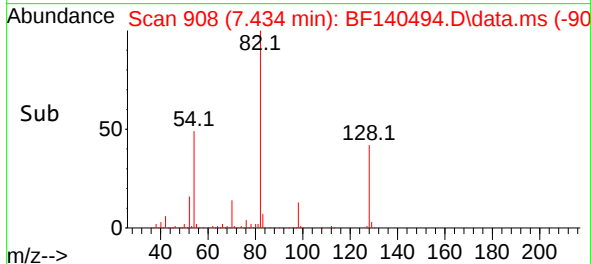
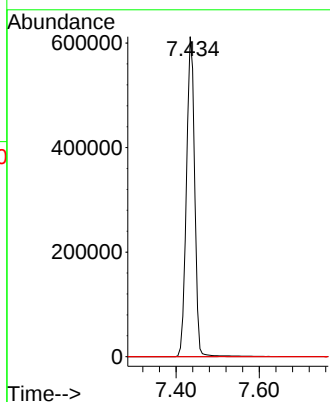
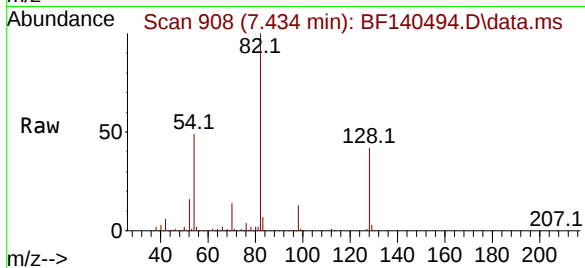




#25
Isophorone
Concen: 58.217 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

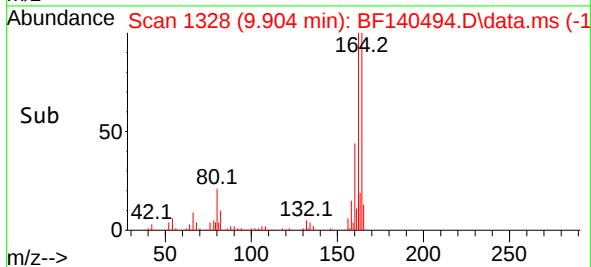
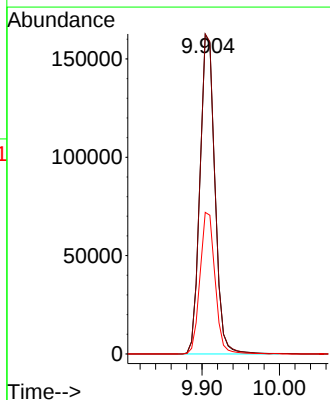
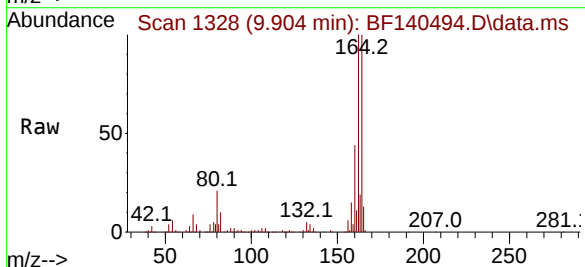
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

Tgt Ion: 82 Resp: 835639
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: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion:164 Resp: 217249
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.8
160 44.3 35.4 53.0

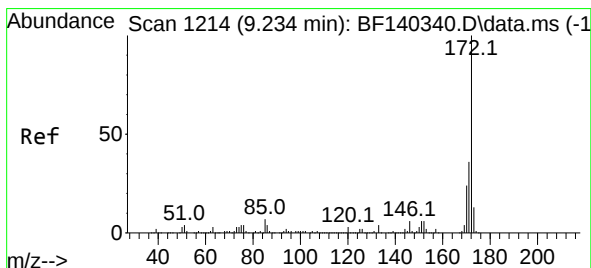
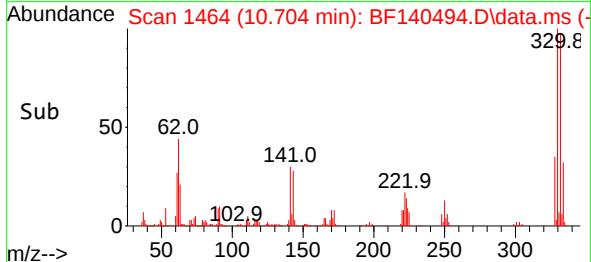
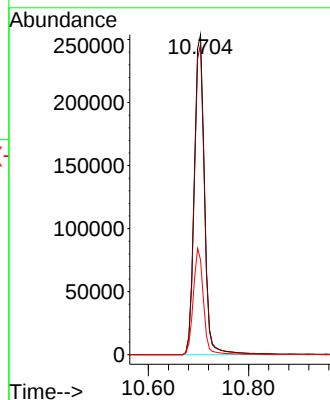
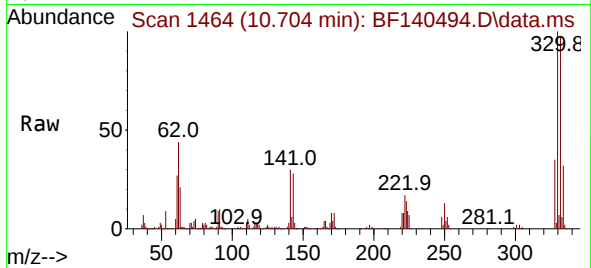




#42
2,4,6-Tribromophenol
Concen: 166.954 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

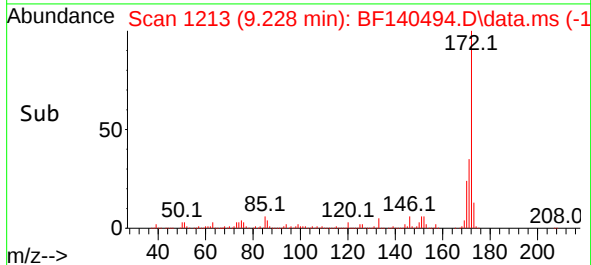
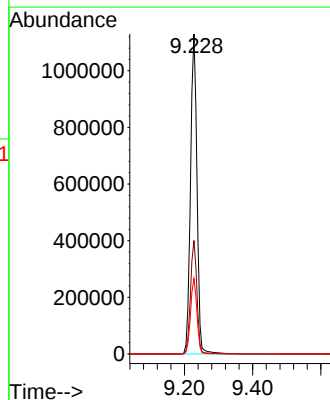
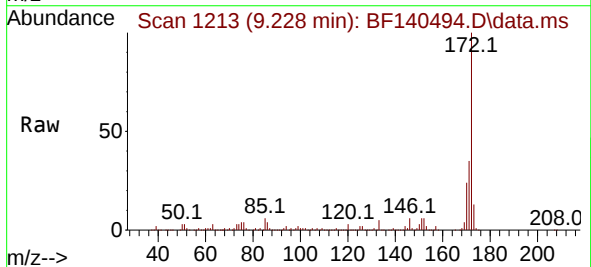
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

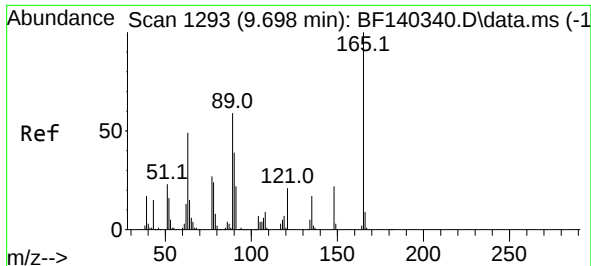
Tgt Ion:330 Resp: 360683
Ion Ratio Lower Upper
330 100
332 96.4 75.9 113.9
141 33.0 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 110.080 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion:172 Resp: 1487661
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.574 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140494.D

Acq: 20 Nov 2024 12:15

Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114

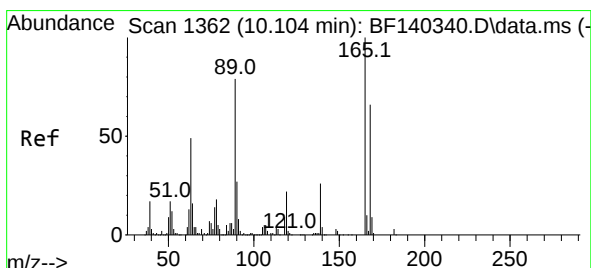
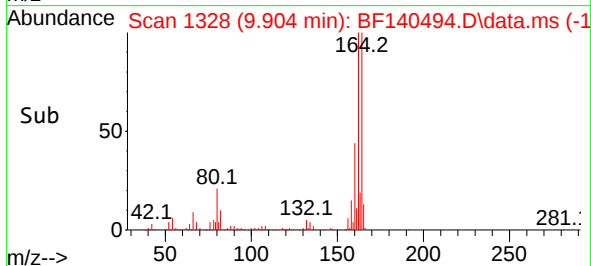
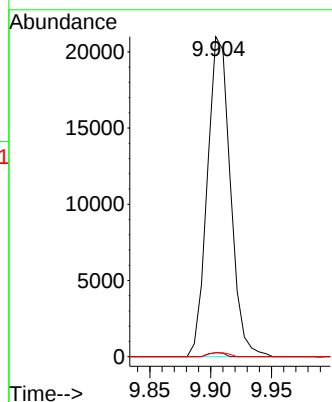
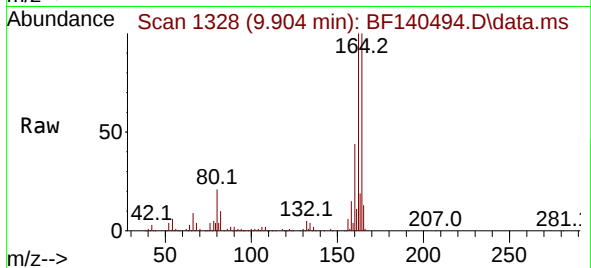
Tgt Ion:165 Resp: 27680

Ion Ratio Lower Upper

165 100

63 1.2 47.6 71.4#

89 1.3 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.515 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140494.D

Acq: 20 Nov 2024 12:15

Tgt Ion:165 Resp: 27680

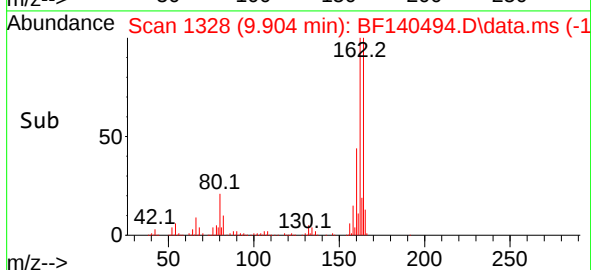
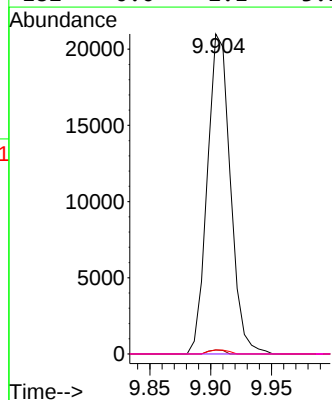
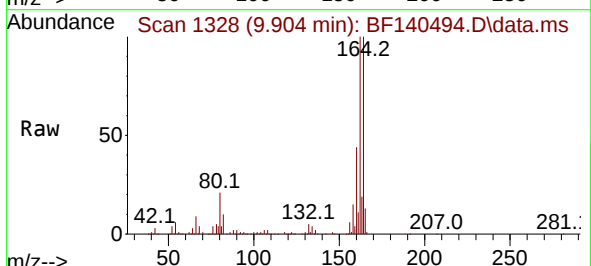
Ion Ratio Lower Upper

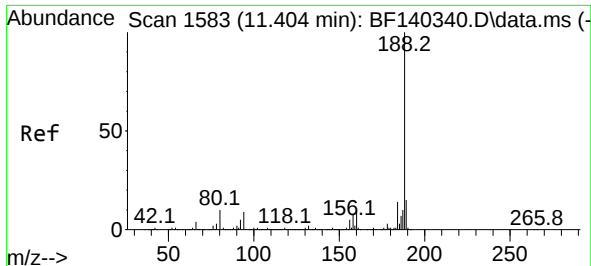
165 100

63 1.2 39.4 59.0#

89 1.3 62.4 93.6#

182 0.0 2.1 3.1#

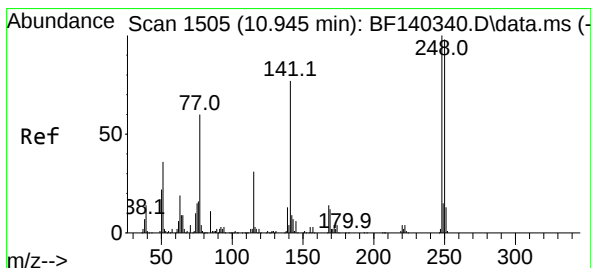
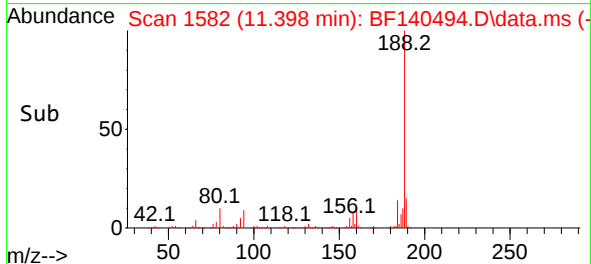
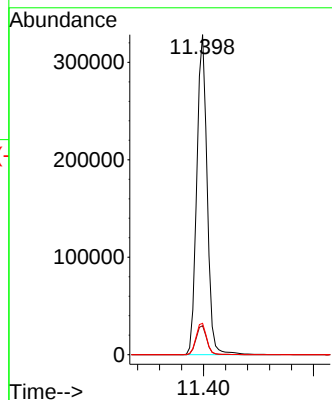
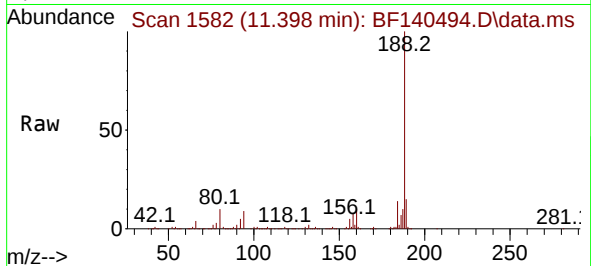




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

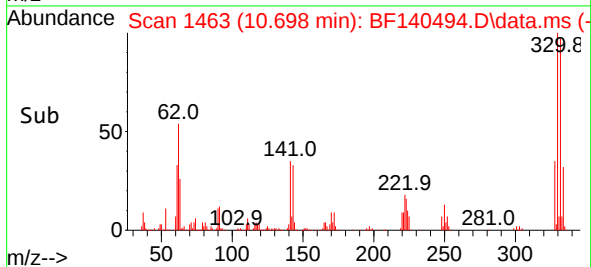
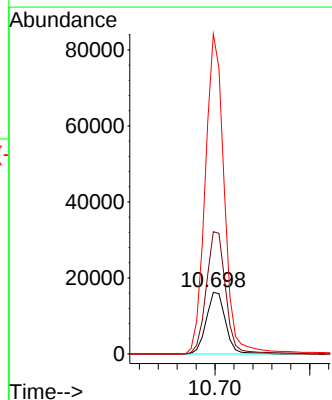
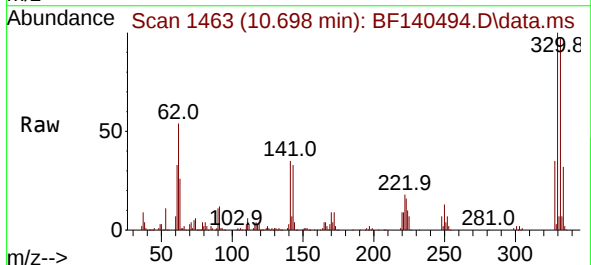
Instrument :
BNA_F
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RW5-SP303-20241114

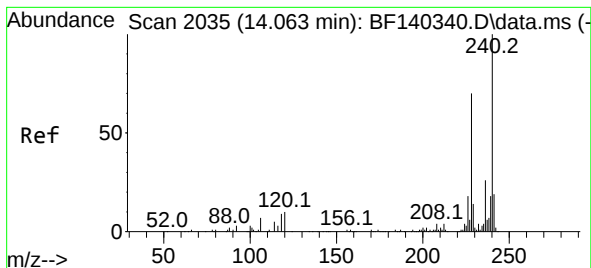
Tgt Ion:188 Resp: 429469
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.8 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 5.329 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion:248 Resp: 22878
Ion Ratio Lower Upper
248 100
250 198.2 77.9 116.9#
141 518.8 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF140494.D

Acq: 20 Nov 2024 12:15

Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114

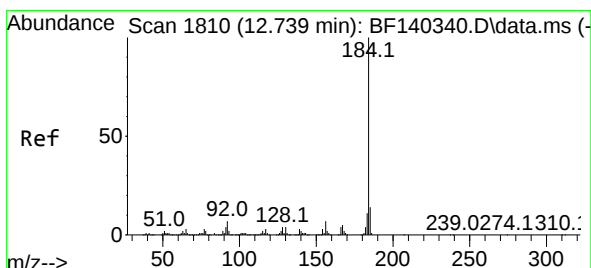
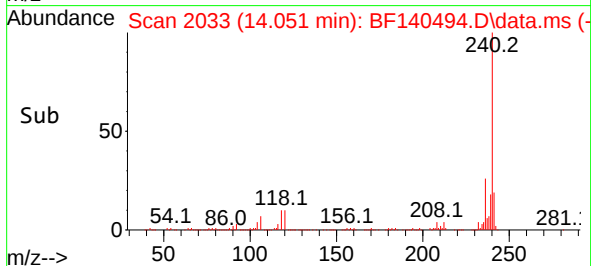
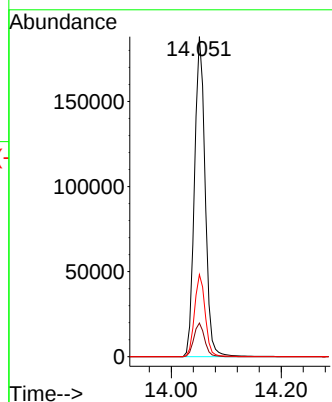
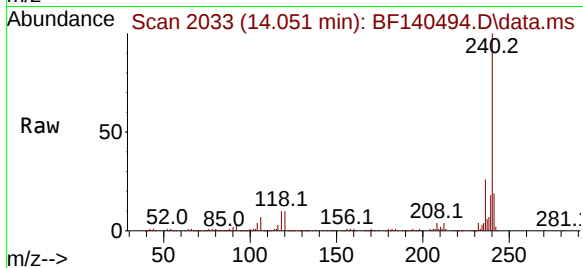
Tgt Ion:240 Resp: 252845

Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

236 25.6 20.9 31.3



#77

Benzidine

Concen: 2.208 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF140494.D

Acq: 20 Nov 2024 12:15

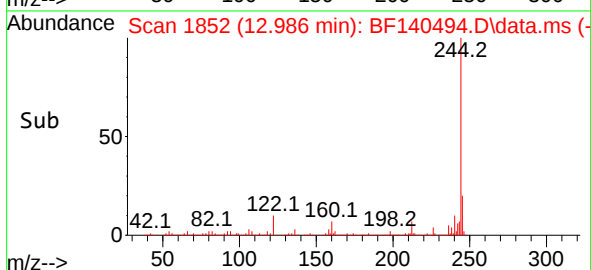
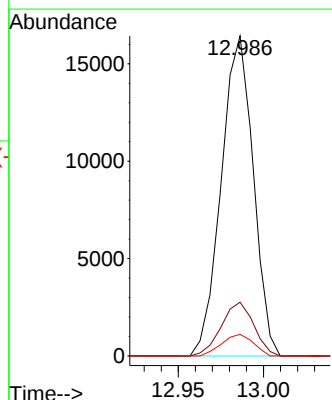
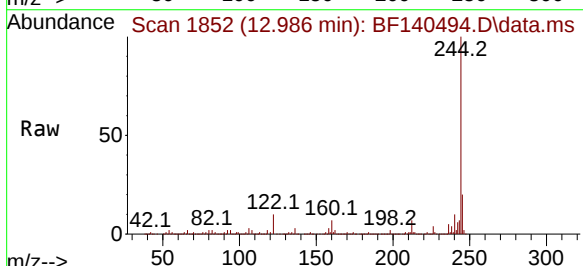
Tgt Ion:184 Resp: 21428

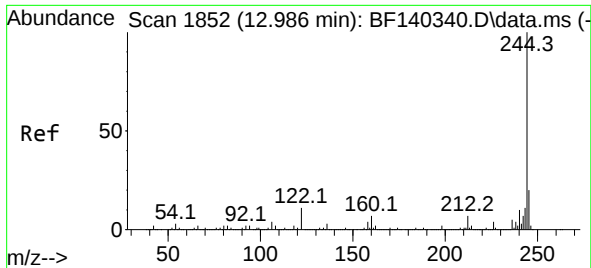
Ion Ratio Lower Upper

184 100

185 16.8 11.9 17.9

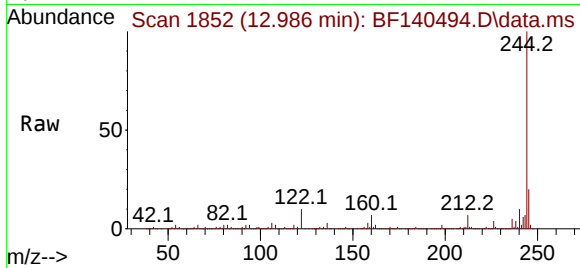
183 6.8 8.6 13.0#



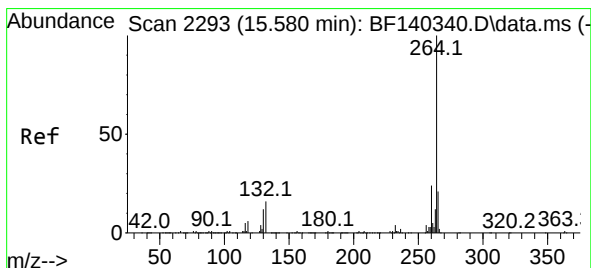
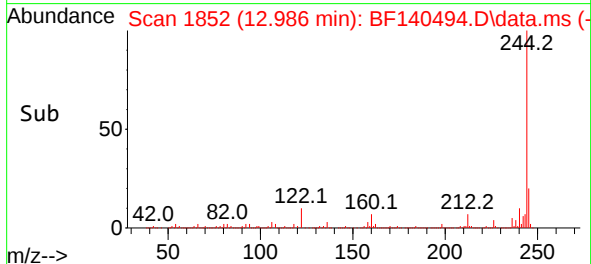
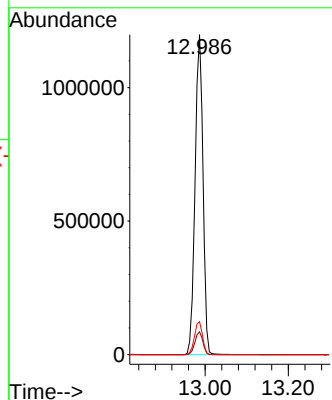


#79
 Terphenyl-d14
 Concen: 108.409 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140494.D
 Acq: 20 Nov 2024 12:15

Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP303-20241114



Tgt Ion:244 Resp: 1579140
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF140494.D
 Acq: 20 Nov 2024 12:15

Tgt Ion:264 Resp: 112601
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 20.1 17.1 25.7

