

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140509.D
 Acq On : 20 Nov 2024 19:35
 Operator : RC/JU
 Sample : P4870-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 00:07:58 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)

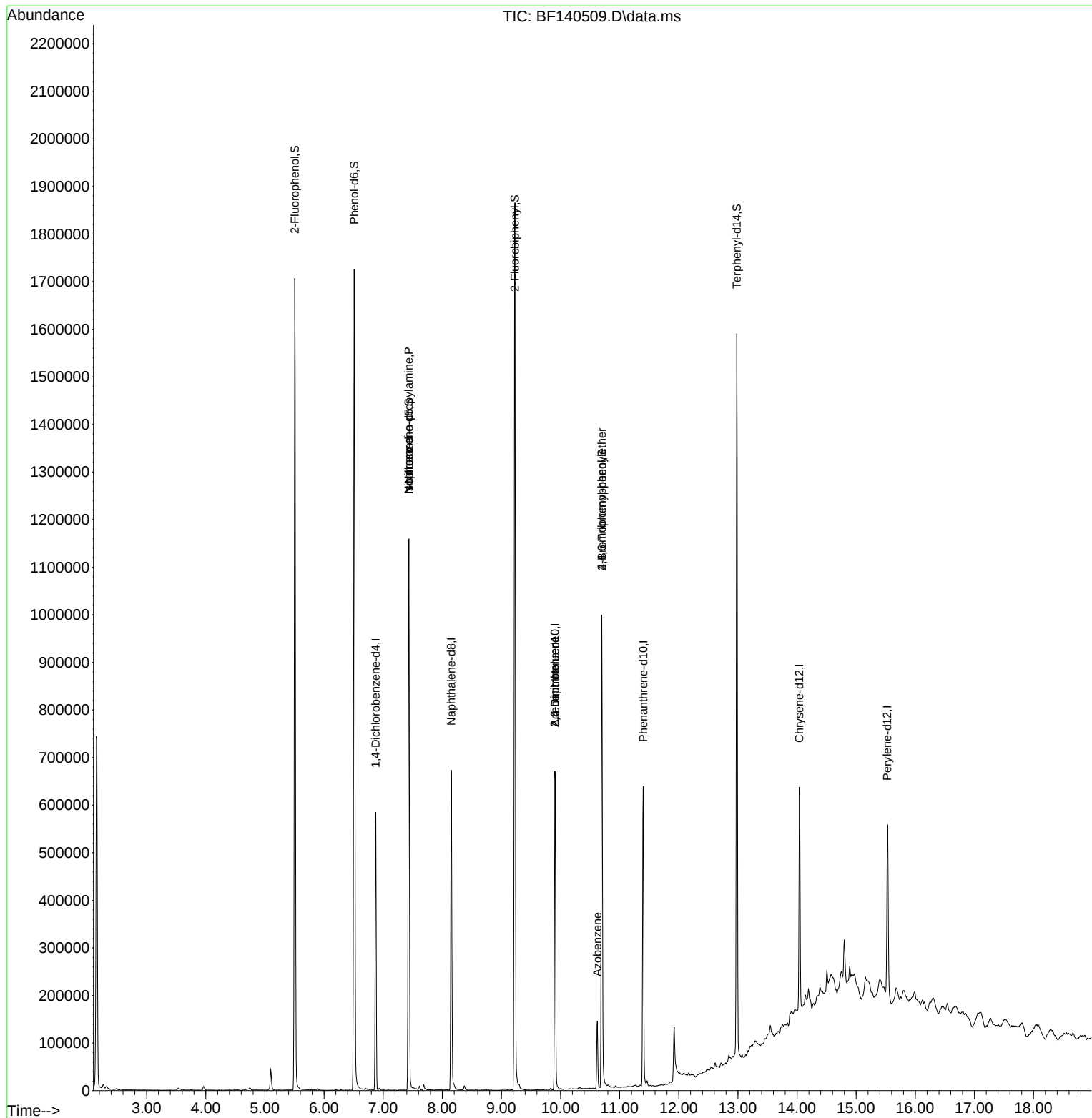
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	122908	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	441673	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	210624	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	346195	20.000	ng	0.00
76) Chrysene-d12	14.039	240	238329	20.000	ng	-0.01
86) Perylene-d12	15.527	264	223211	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	648041	90.023	ng	0.01
7) Phenol-d6	6.510	99	837319	85.853	ng	0.00
23) Nitrobenzene-d5	7.434	82	530847	62.622	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	173924	83.039	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	875240	66.801	ng	0.00
79) Terphenyl-d14	12.980	244	727415	52.979	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	72261	12.268	ng	# 76
25) Isophorone	7.434	82	523845	34.868	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	27309	8.725	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	27311	6.630	ng	# 20
63) Azobenzene	10.622	77	38643	2.786	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	11214	3.240	ng	# 1

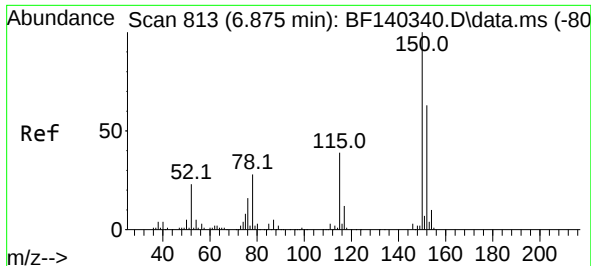
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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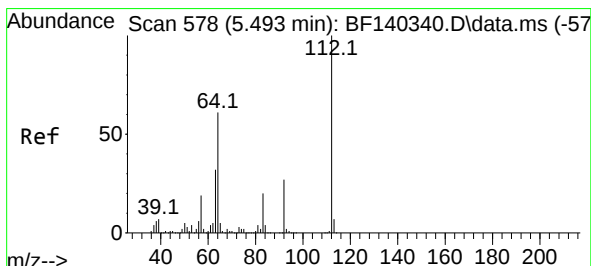
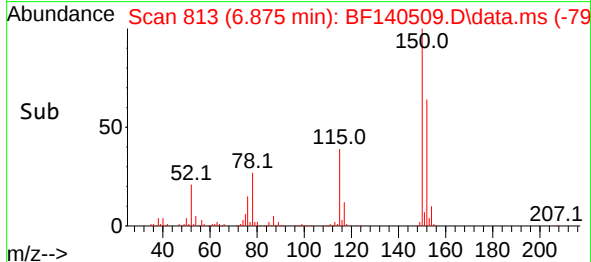
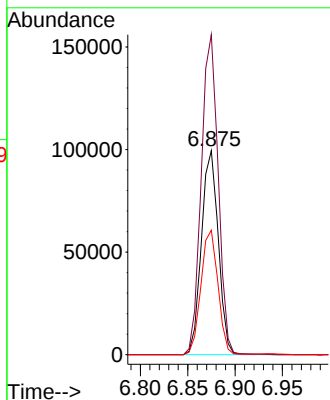
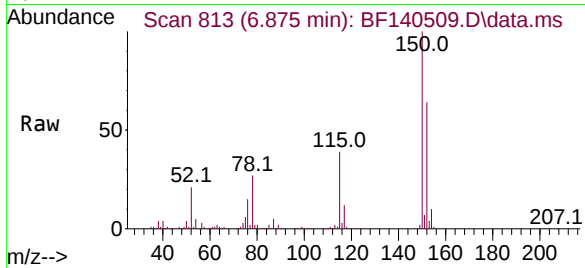




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

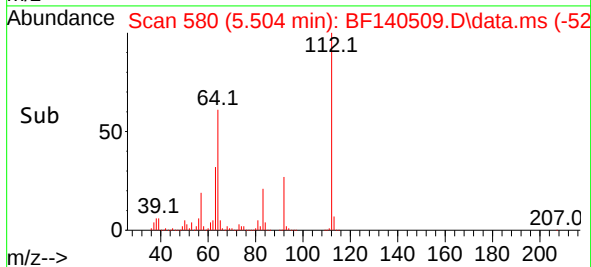
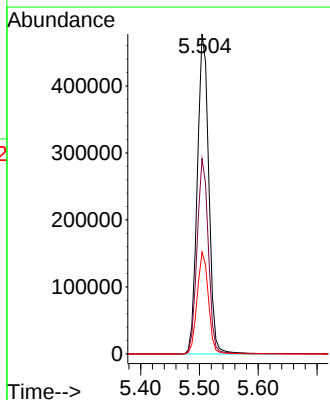
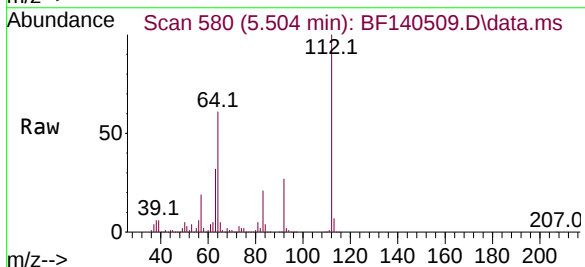
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122908
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 61.1 47.4 71.2



#5
2-Fluorophenol
Concen: 90.023 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

Tgt Ion:112 Resp: 648041
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 31.8 25.6 38.4





#7

Phenol-d6

Concen: 85.853 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

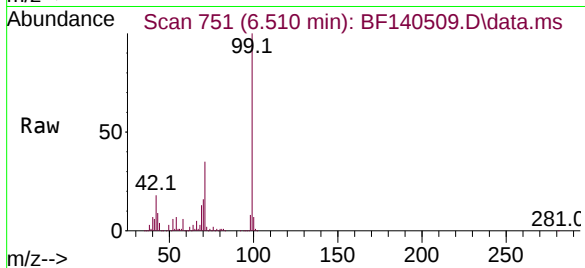
Lab File: BF140509.D

Acq: 20 Nov 2024 19:35

Instrument :

BNA_F

ClientSampleId :



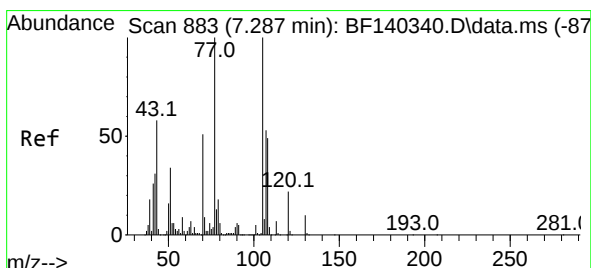
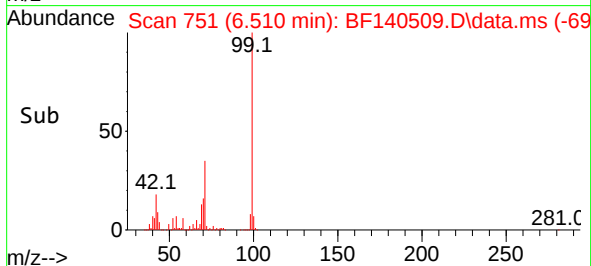
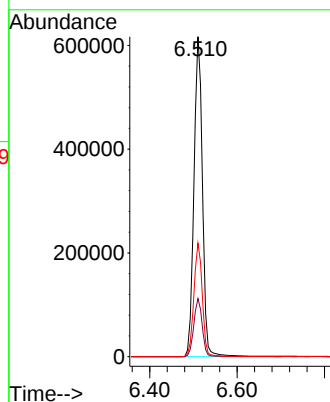
Tgt Ion: 99 Resp: 837319

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

71 35.5 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.268 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.141 min

Lab File: BF140509.D

Acq: 20 Nov 2024 19:35

Tgt Ion: 70 Resp: 72261

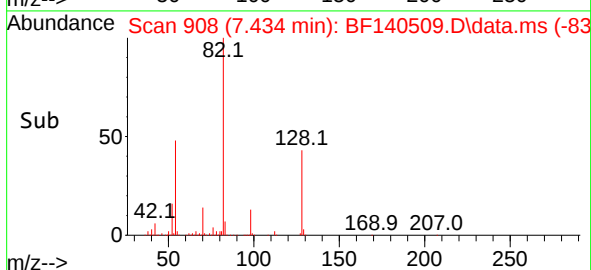
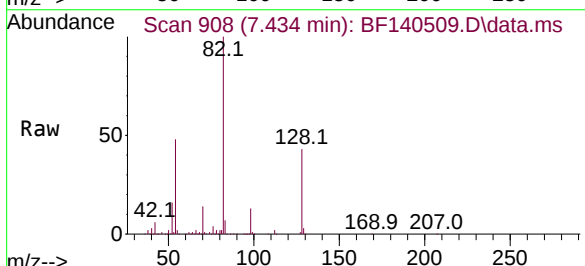
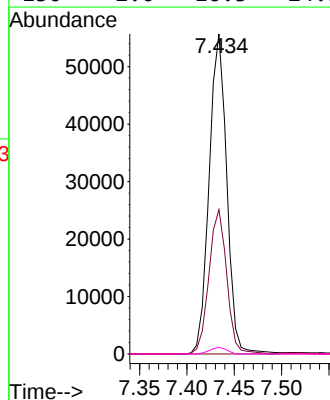
Ion Ratio Lower Upper

70 100

42 45.1 46.8 70.2#

101 0.0 7.5 11.3#

130 2.0 16.3 24.5#

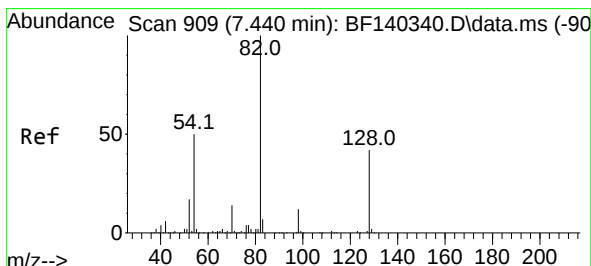
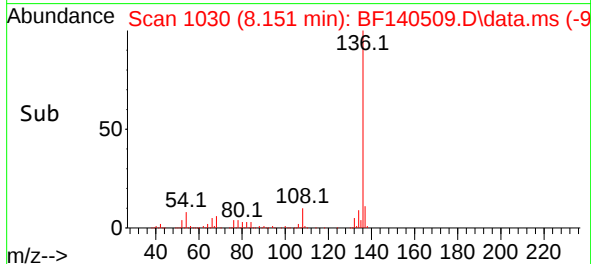
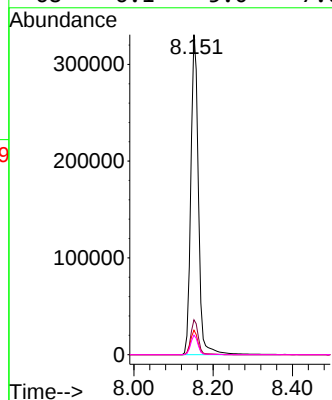
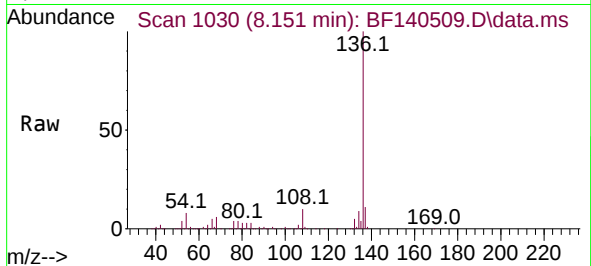




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

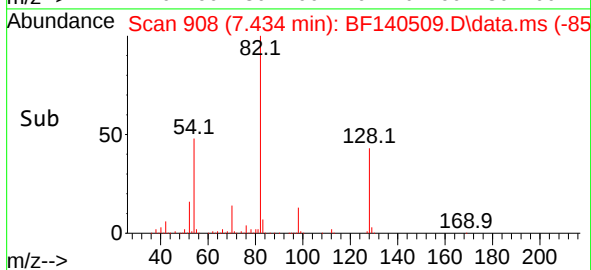
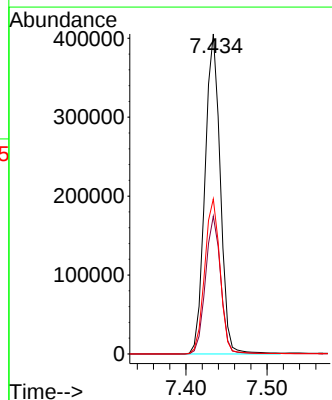
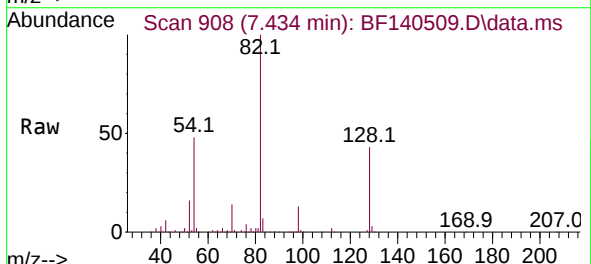
Instrument :
BNA_F
ClientSampleId :

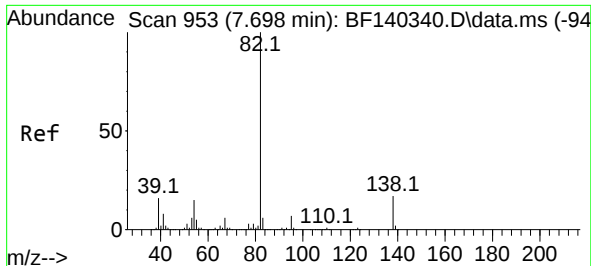
Tgt Ion:136 Resp: 441673
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.6 6.5 9.7
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 62.622 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

Tgt Ion: 82 Resp: 530847
Ion Ratio Lower Upper
82 100
128 43.1 33.3 49.9
54 48.5 39.8 59.8

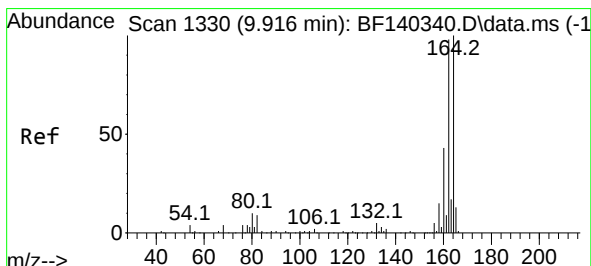
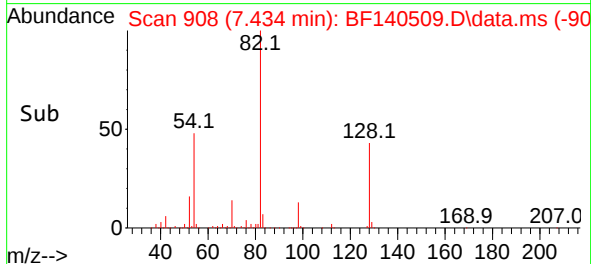
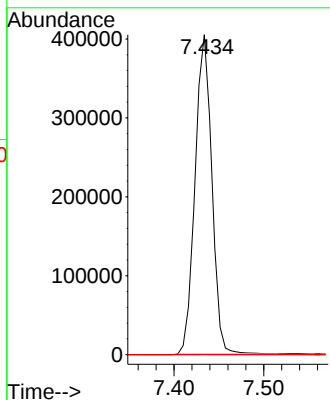
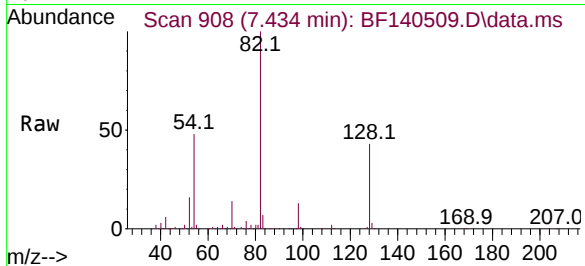




#25
Isophorone
Concen: 34.868 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

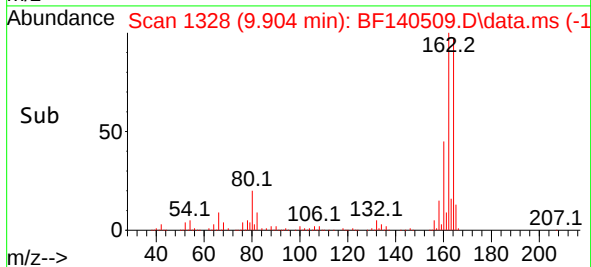
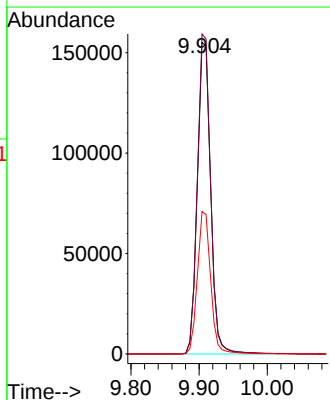
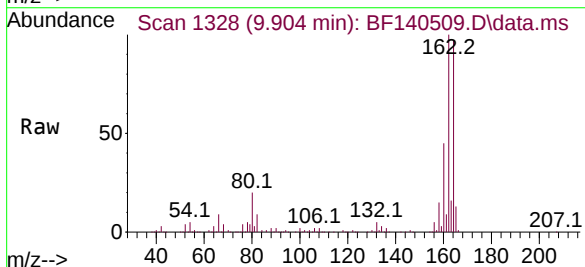
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 523845
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: BF140509.D
Acq: 20 Nov 2024 19:35

Tgt Ion:164 Resp: 210624
Ion Ratio Lower Upper
164 100
162 102.7 79.8 119.8
160 45.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 83.039 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

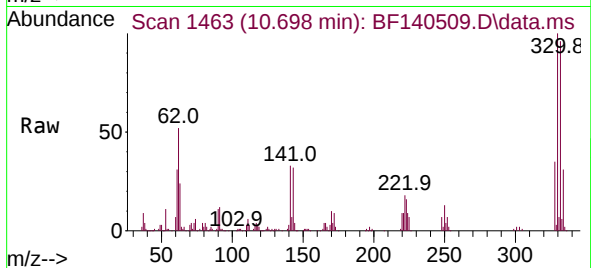
Lab File: BF140509.D

Acq: 20 Nov 2024 19:35

Instrument :

BNA_F

ClientSampleId :



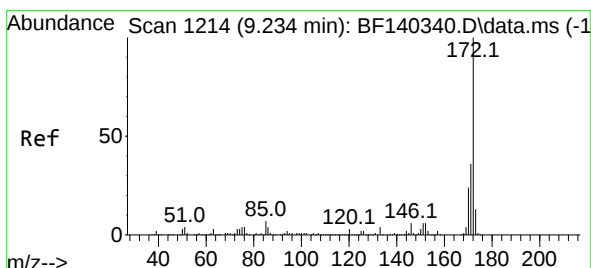
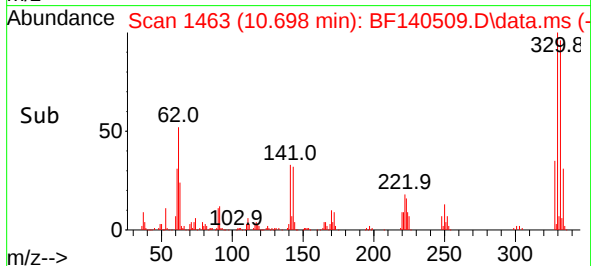
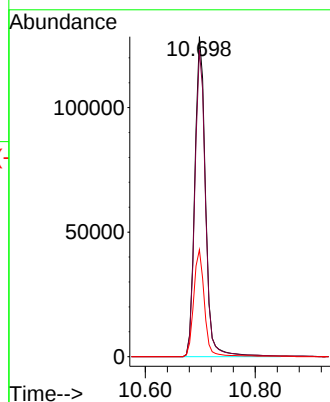
Tgt Ion:330 Resp: 173924

Ion Ratio Lower Upper

330 100

332 96.1 75.9 113.9

141 33.6 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 66.801 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140509.D

Acq: 20 Nov 2024 19:35

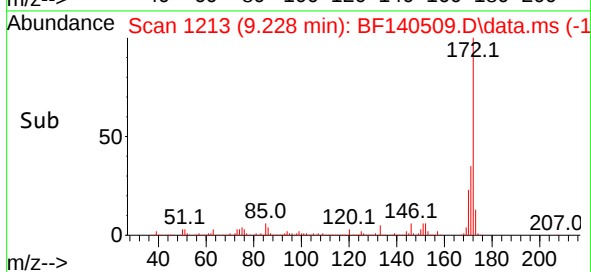
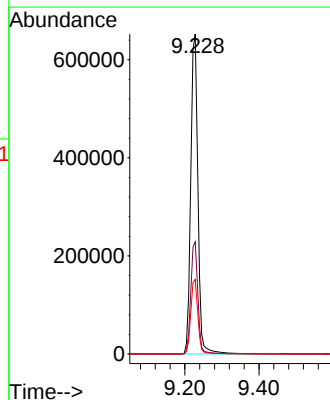
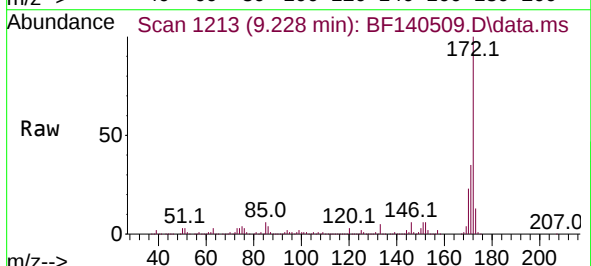
Tgt Ion:172 Resp: 875240

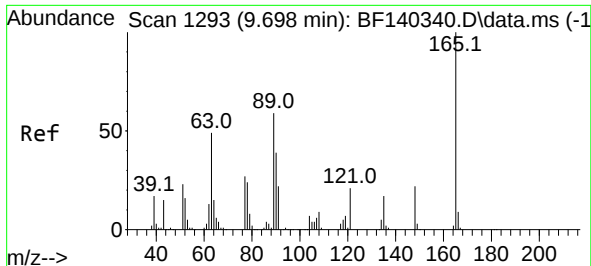
Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.3 19.1 28.7

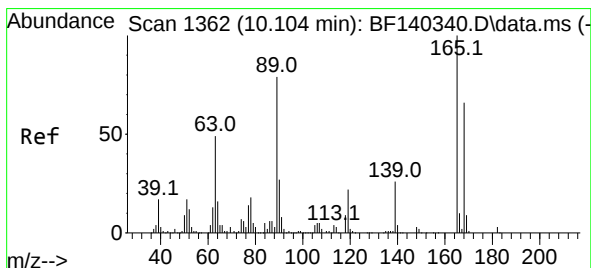
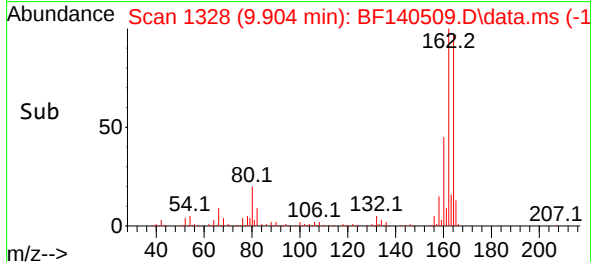
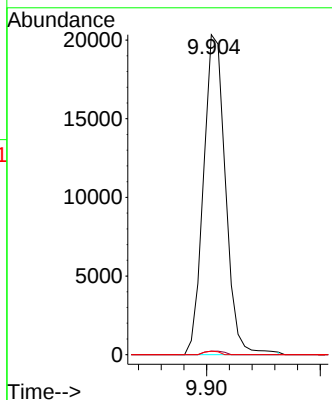
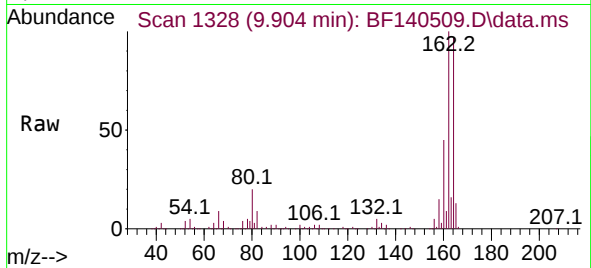




#51
2,6-Dinitrotoluene
Concen: 8.725 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

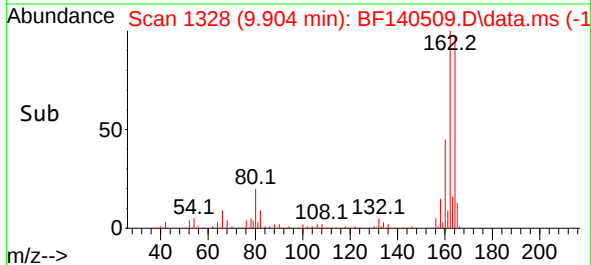
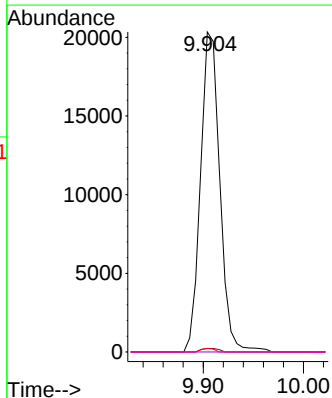
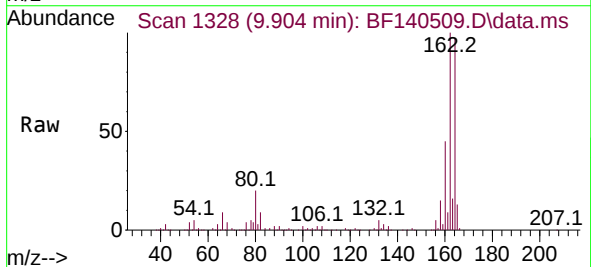
Instrument :
BNA_F
ClientSampleId :

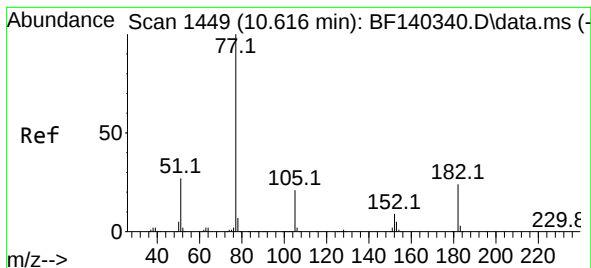
Tgt Ion:165 Resp: 27309
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.630 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

Tgt Ion:165 Resp: 27311
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.0#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.786 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140509.D

Acq: 20 Nov 2024 19:35

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 38643

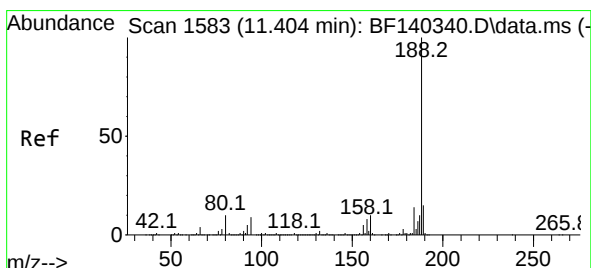
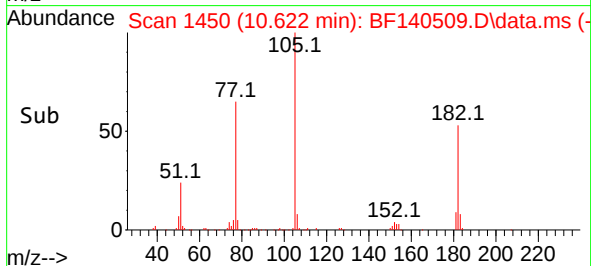
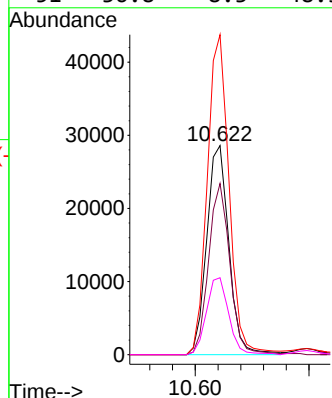
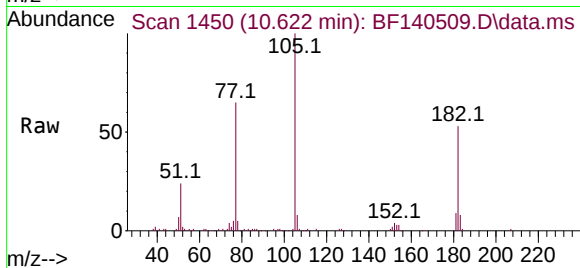
Ion Ratio Lower Upper

77 100

182 81.9 4.6 44.6#

105 153.0 0.9 40.9#

51 36.8 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140509.D

Acq: 20 Nov 2024 19:35

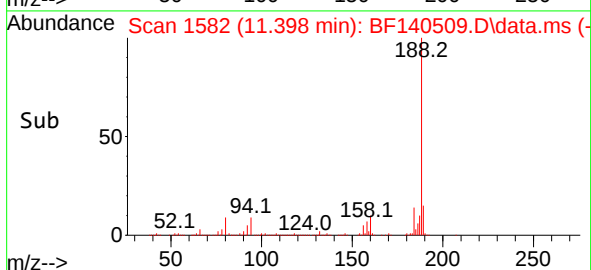
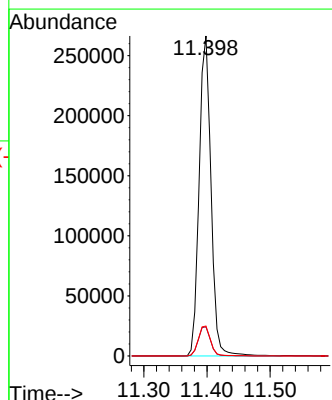
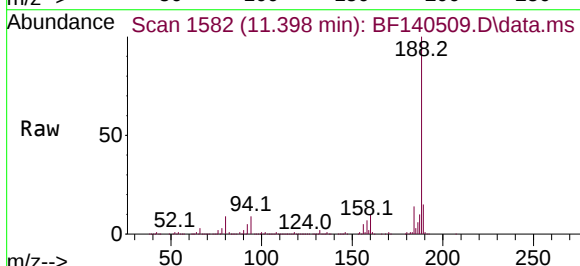
Tgt Ion:188 Resp: 346195

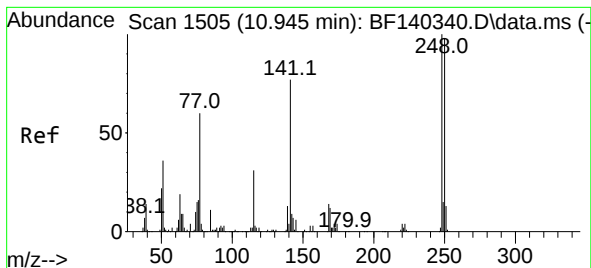
Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.4 8.0 12.0

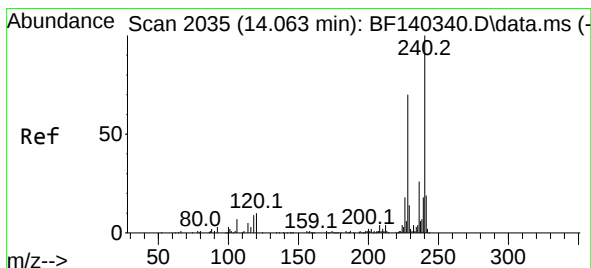
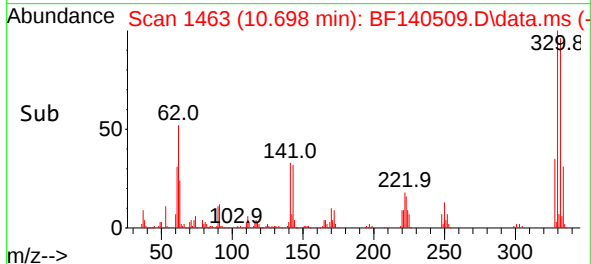
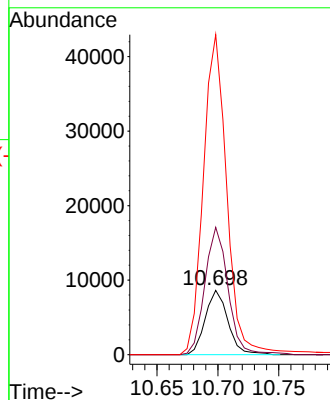
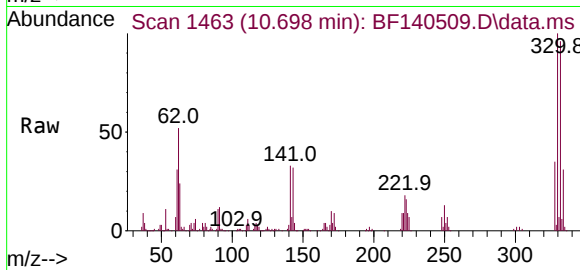




#67
4-Bromophenyl-phenylether
Concen: 3.240 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

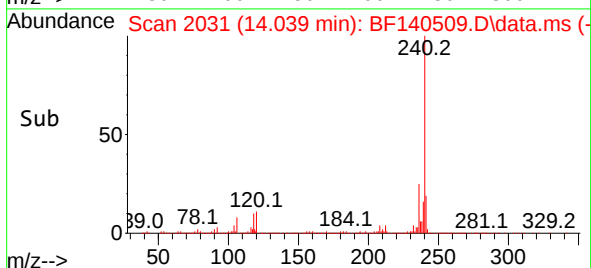
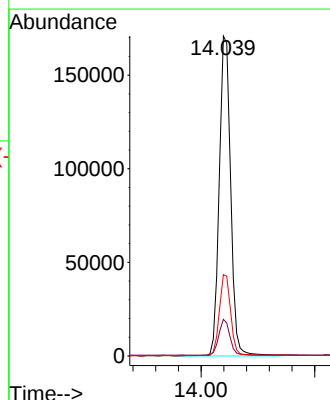
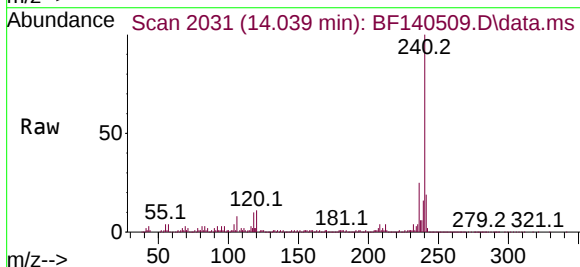
Instrument :
BNA_F
ClientSampleId :

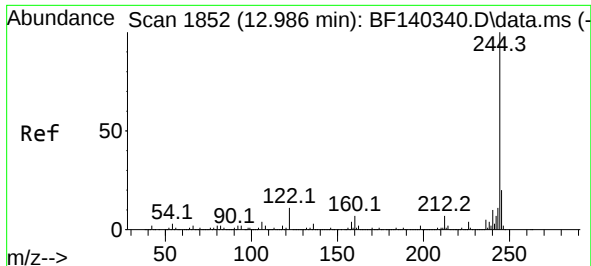
Tgt Ion:248 Resp: 11214
Ion Ratio Lower Upper
248 100
250 198.0 77.9 116.9#
141 497.4 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

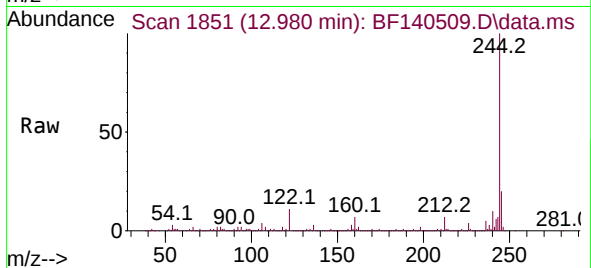
Tgt Ion:240 Resp: 238329
Ion Ratio Lower Upper
240 100
120 11.5 8.8 13.2
236 25.4 20.9 31.3



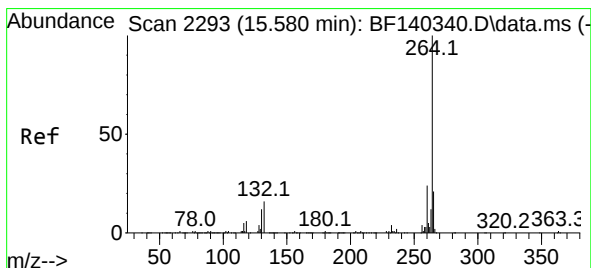
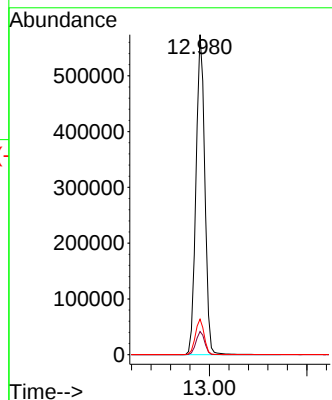
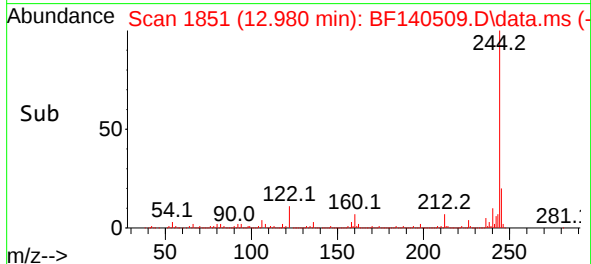


#79
 Terphenyl-d14
 Concen: 52.979 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF140509.D
 Acq: 20 Nov 2024 19:35

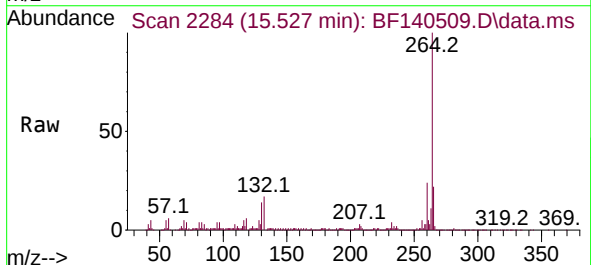
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 727415
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.029 min
 Lab File: BF140509.D
 Acq: 20 Nov 2024 19:35



Tgt Ion:264 Resp: 223211
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 17.1 25.7

