

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141984.D
 Acq On : 17 Mar 2025 17:00
 Operator : RC/JU
 Sample : Q1574-01DL2 25X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1DL

Quant Time: Mar 17 17:40:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

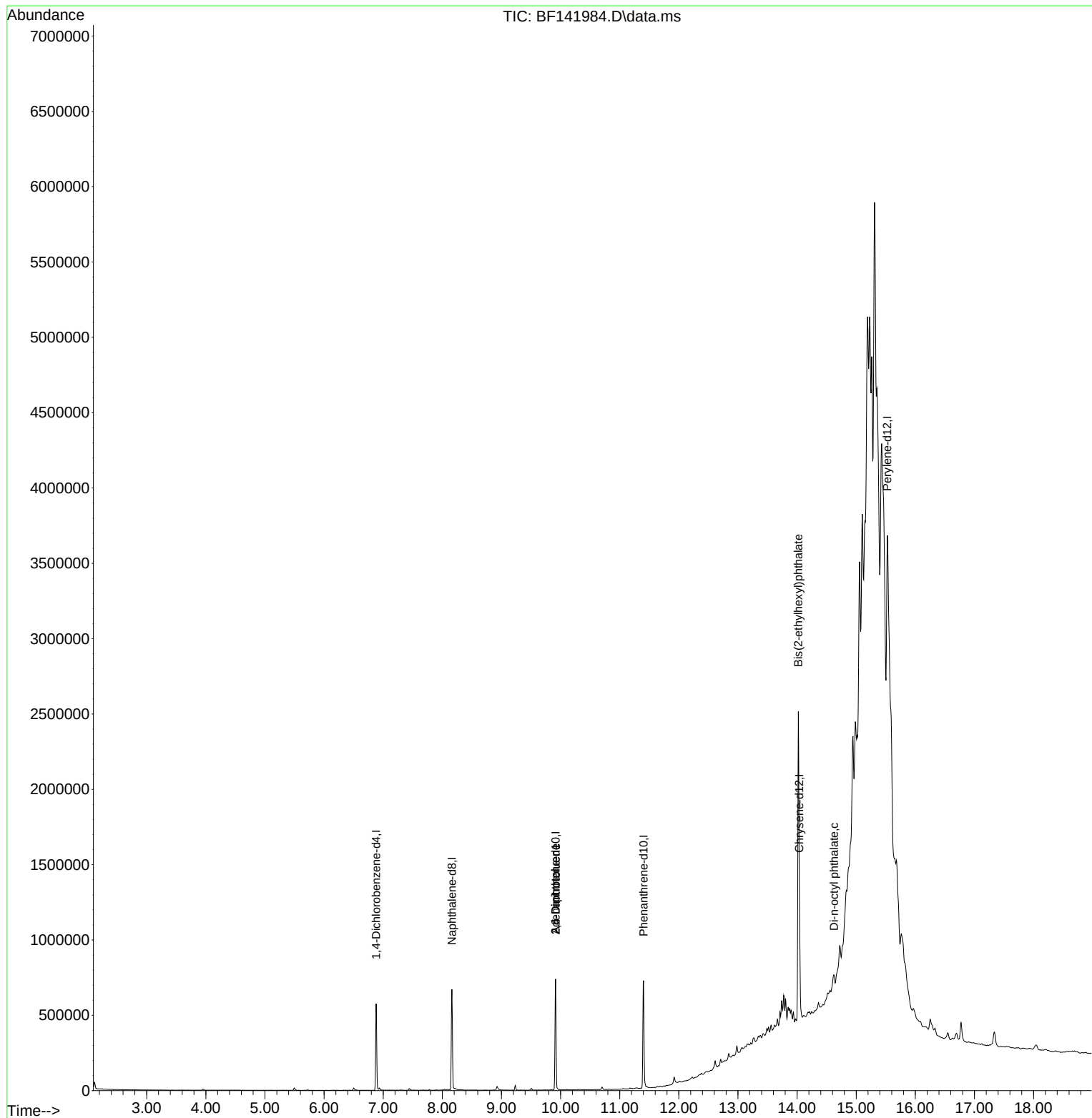
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	122353	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	436760	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	216464	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	380298	20.000	ng	0.00
76) Chrysene-d12	14.039	240	298468	20.000	ng	0.00
86) Perylene-d12	15.527	264	224847	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	8560	1.168	ng	0.00
7) Phenol-d6	6.504	99	10016	1.073	ng	0.00
23) Nitrobenzene-d5	7.439	82	6872	0.885	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	2928	1.066	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	14955	1.051	ng	0.00
79) Terphenyl-d14	12.986	244	20958	1.038	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	9.916	165	27850	8.824	ng	# 23
57) 2,4-Dinitrotoluene	9.916	165	27851	6.756	ng	# 24
84) Bis(2-ethylhexyl)phtha...	14.021	149	833555	59.827	ng	100
85) Di-n-octyl phthalate	14.627	149	87221	4.499	ng	# 40

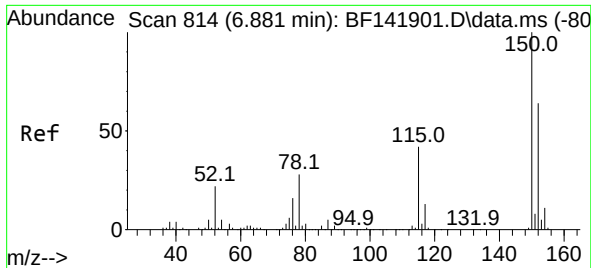
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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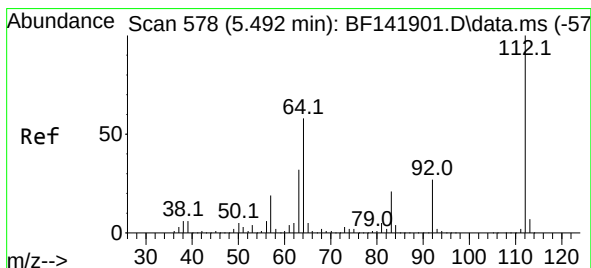
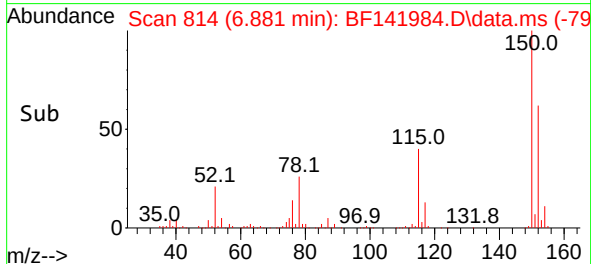
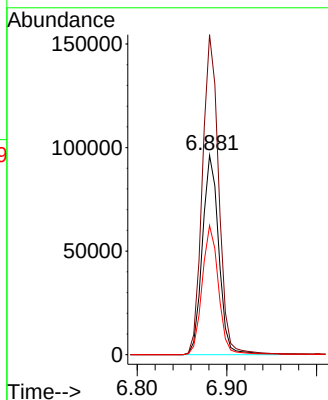
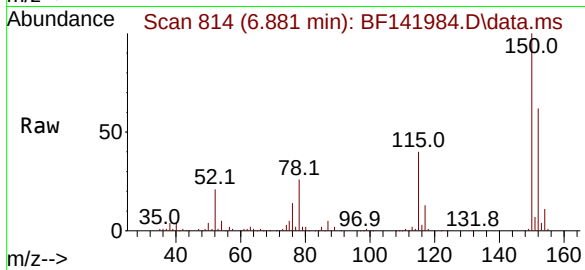




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141984.D
 Acq: 17 Mar 2025 17:00

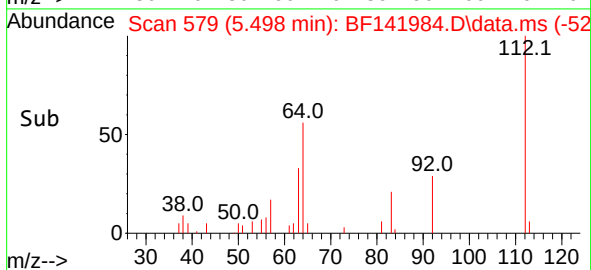
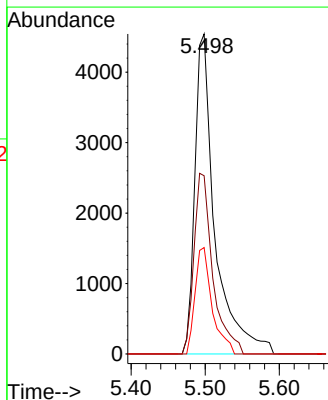
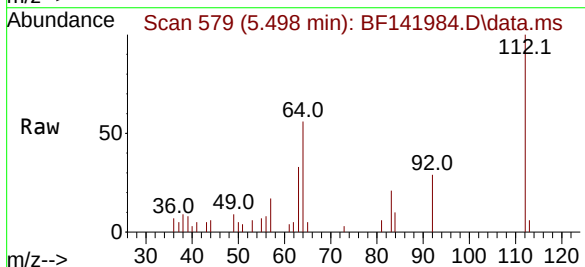
Instrument :
 BNA_F
 ClientSampleId :
 WC1DL

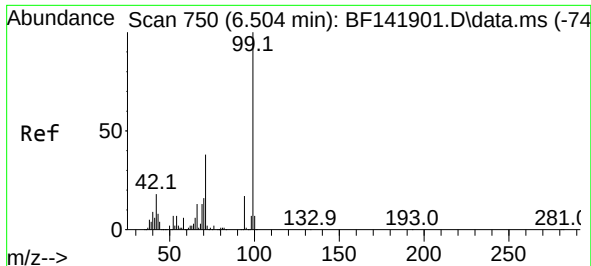
Tgt Ion:152 Resp: 122353
 Ion Ratio Lower Upper
 152 100
 150 160.5 127.4 191.2
 115 64.7 51.9 77.9



#5
 2-Fluorophenol
 Concen: 1.168 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.006 min
 Lab File: BF141984.D
 Acq: 17 Mar 2025 17:00

Tgt Ion:112 Resp: 8560
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.5 69.7
 63 33.3 25.4 38.2

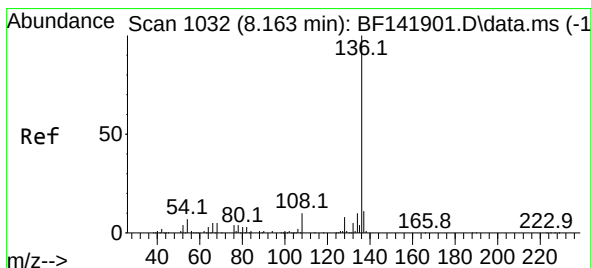
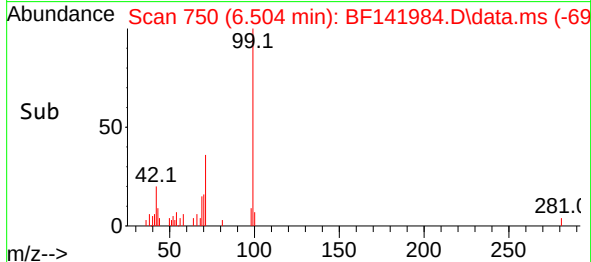
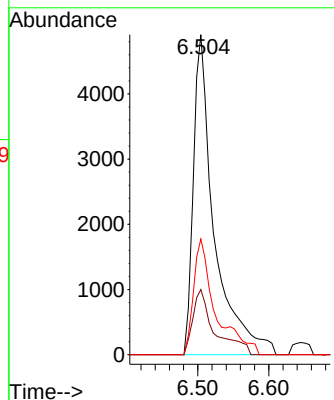
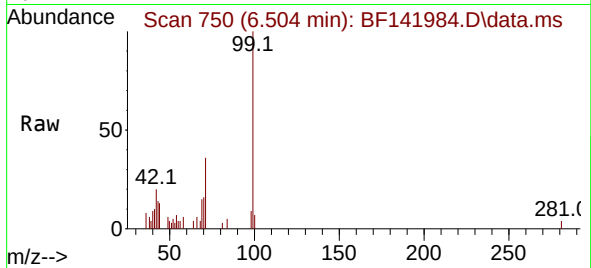




#7
Phenol-d6
Concen: 1.073 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

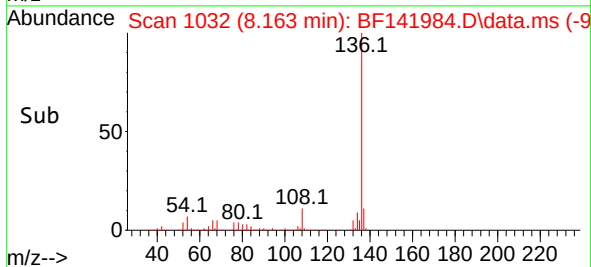
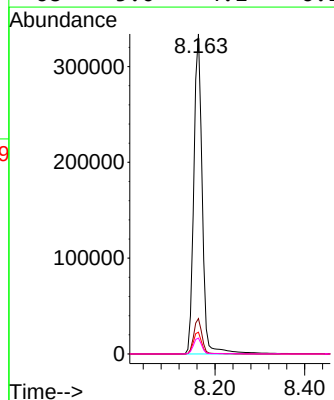
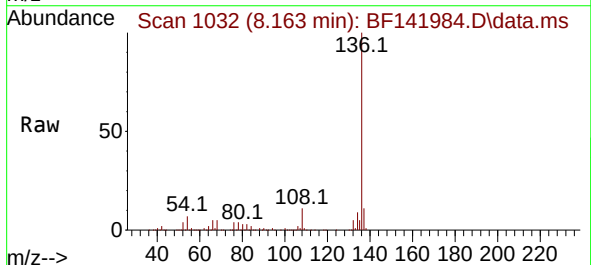
Instrument :
BNA_F
ClientSampleId :
WC1DL

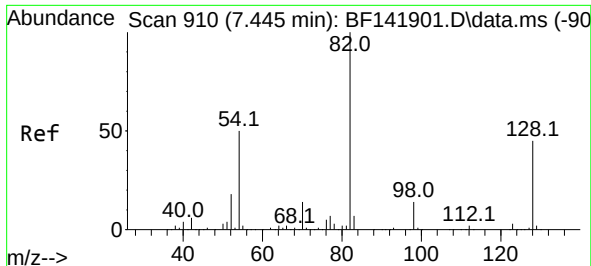
Tgt Ion:	99	Resp:	10016
Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.6	21.8
71	36.2	30.8	46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:	136	Resp:	436760
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.8	8.8
68	5.0	4.1	6.1





#23

Nitrobenzene-d5

Concen: 0.885 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

Instrument :

BNA_F

ClientSampleId :

WC1DL

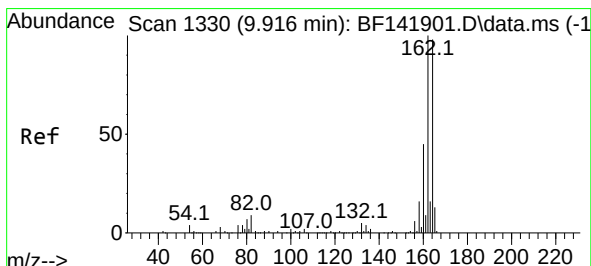
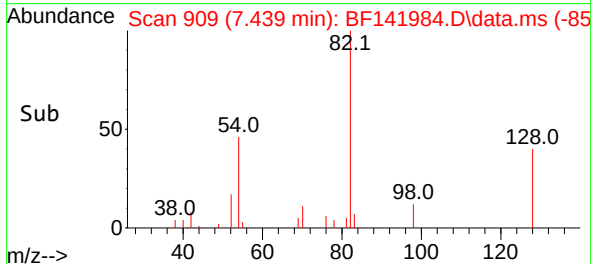
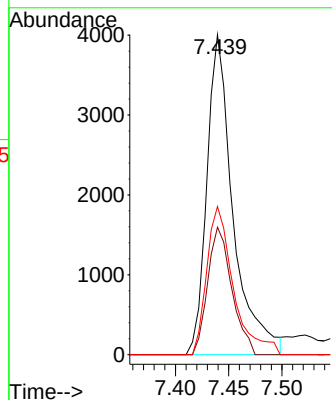
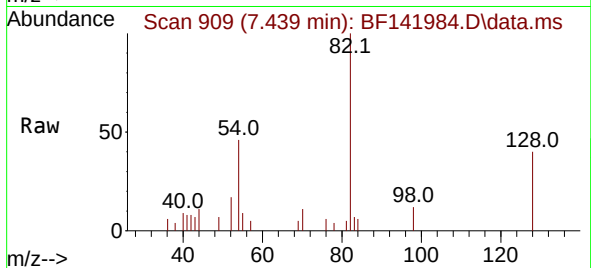
Tgt Ion: 82 Resp: 6872

Ion Ratio Lower Upper

82 100

128 39.9 36.0 54.0

54 46.3 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

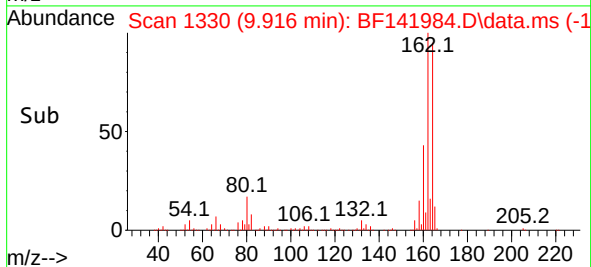
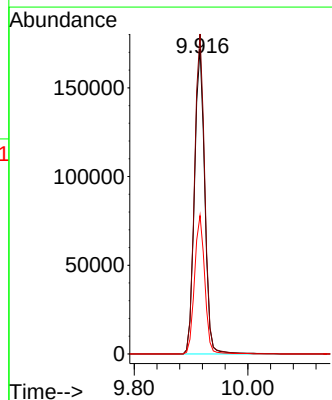
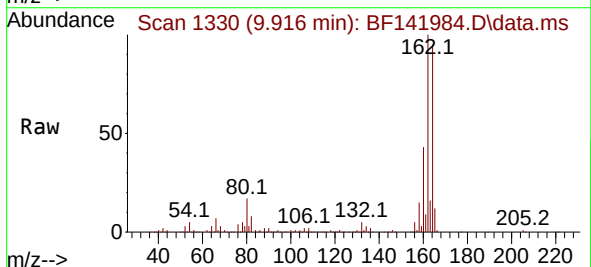
Tgt Ion:164 Resp: 216464

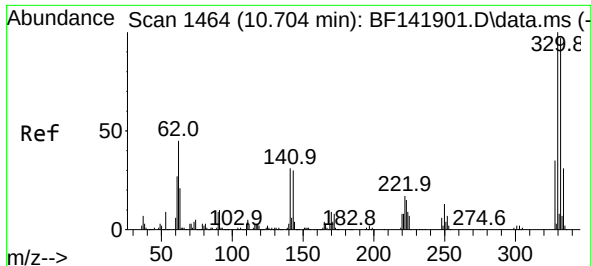
Ion Ratio Lower Upper

164 100

162 104.8 81.8 122.6

160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 1.066 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

Instrument :

BNA_F

ClientSampleId :

WC1DL

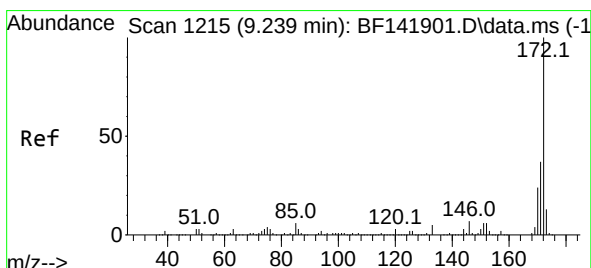
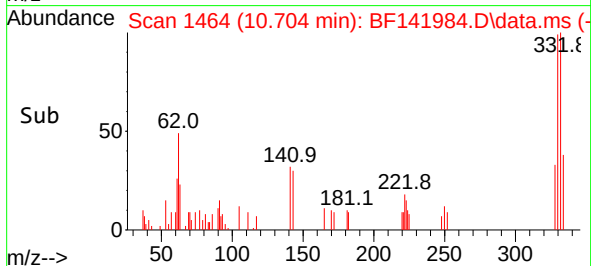
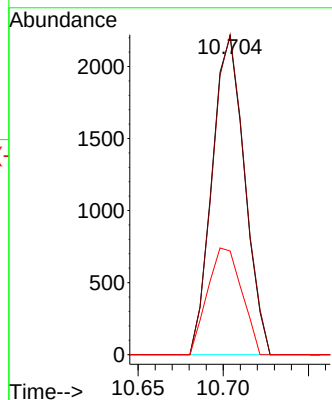
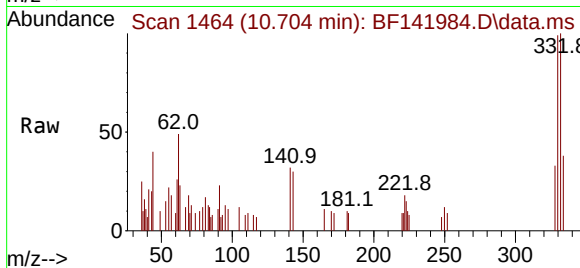
Tgt Ion:330 Resp: 2928

Ion Ratio Lower Upper

330 100

332 100.2 77.6 116.4

141 35.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 1.051 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

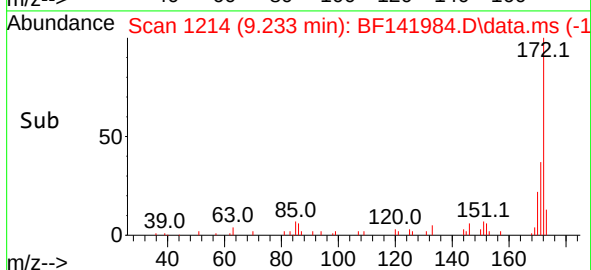
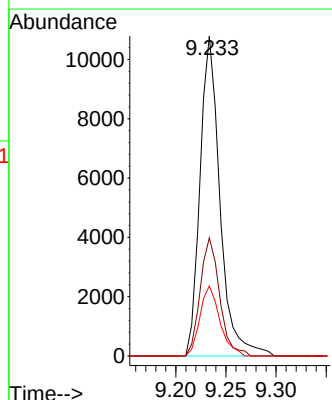
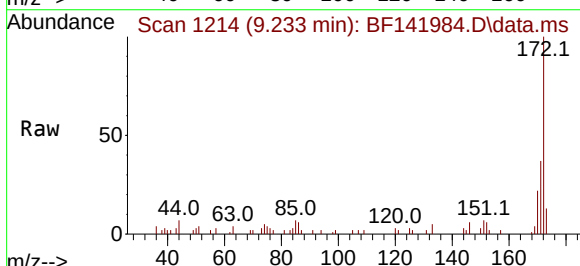
Tgt Ion:172 Resp: 14955

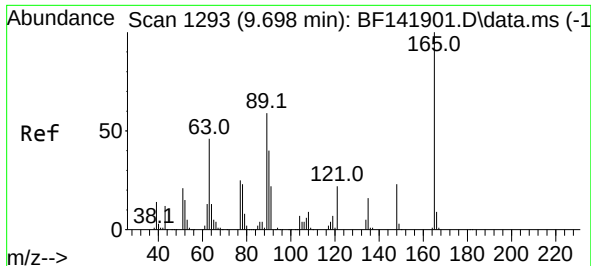
Ion Ratio Lower Upper

172 100

171 36.9 29.3 43.9

170 21.9 19.4 29.0

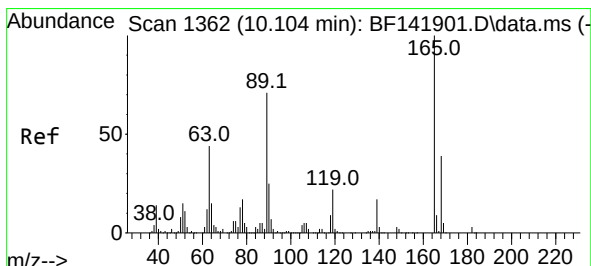
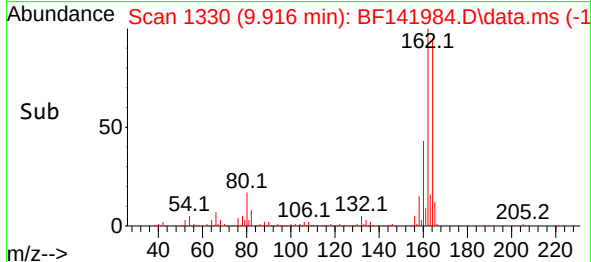
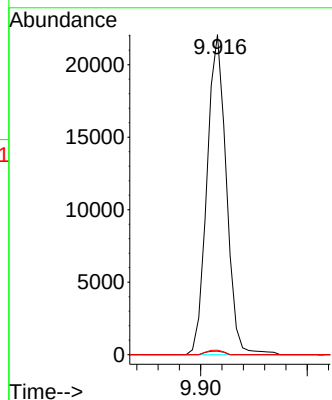
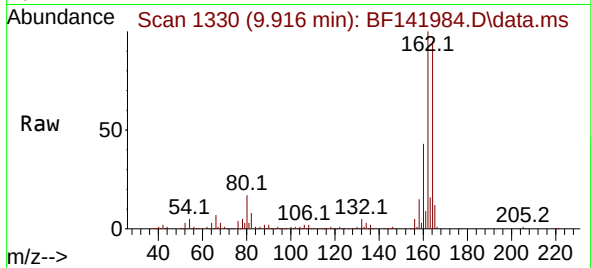




#51
2,6-Dinitrotoluene
Concen: 8.824 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

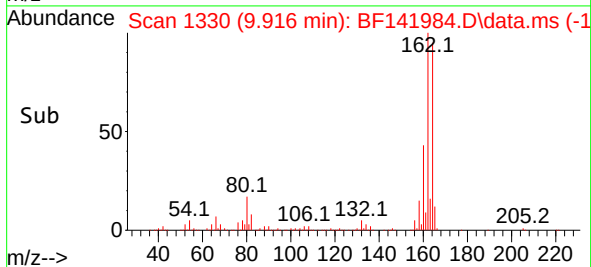
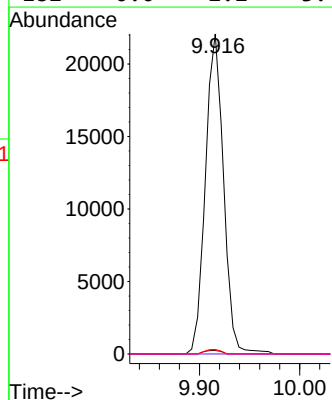
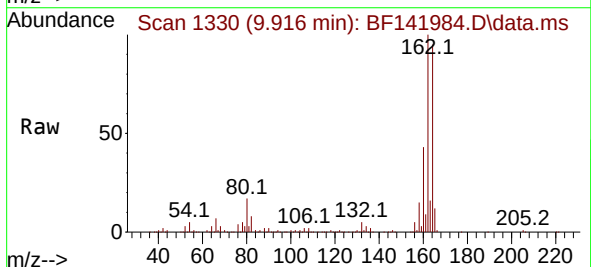
Instrument :
BNA_F
ClientSampleId :
WC1DL

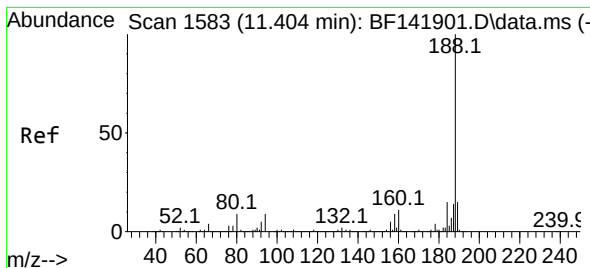
Tgt Ion:165 Resp: 27850
Ion Ratio Lower Upper
165 100
63 1.1 47.0 70.4#
89 1.4 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.756 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:165 Resp: 27851
Ion Ratio Lower Upper
165 100
63 1.1 35.4 53.2#
89 1.4 56.6 84.8#
182 0.0 2.2 3.4#

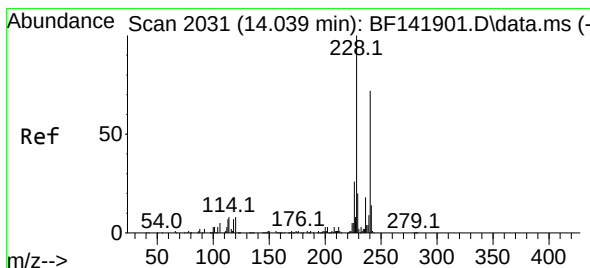
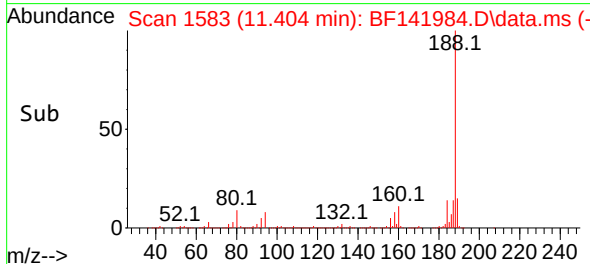
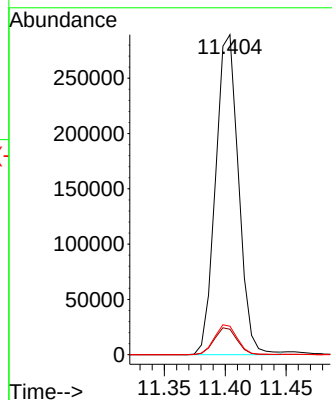
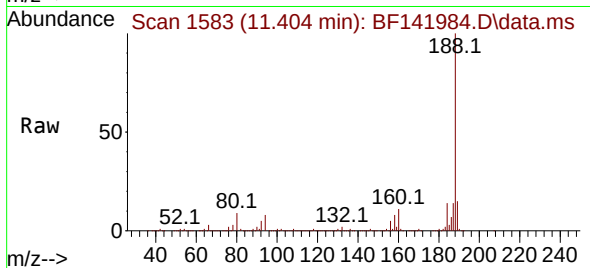




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

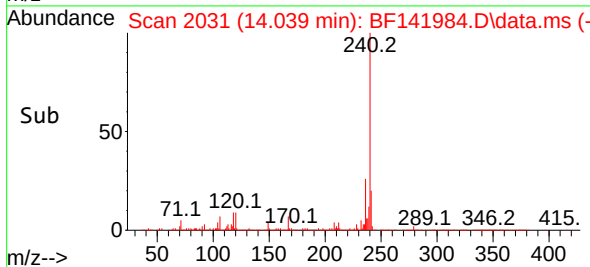
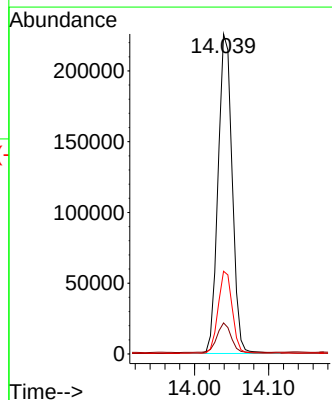
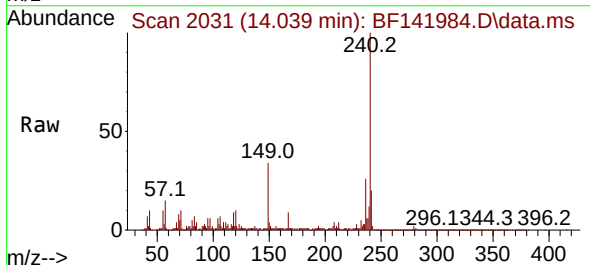
Instrument :
BNA_F
ClientSampleId :
WC1DL

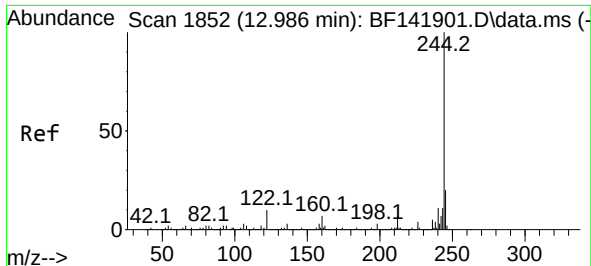
Tgt Ion:188 Resp: 380298
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:240 Resp: 298468
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.9 20.5 30.7

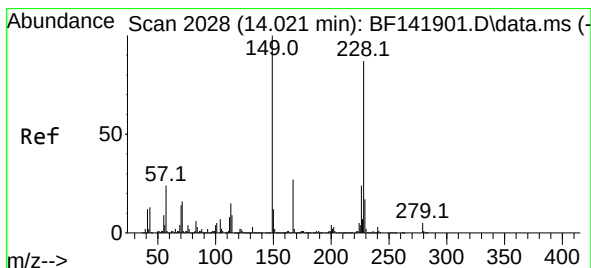
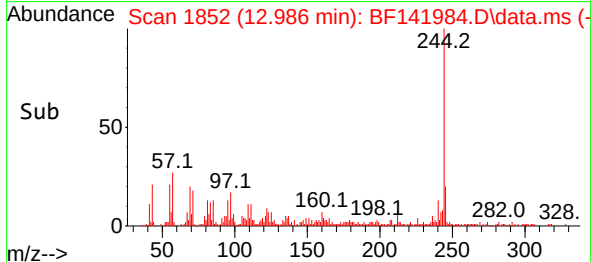
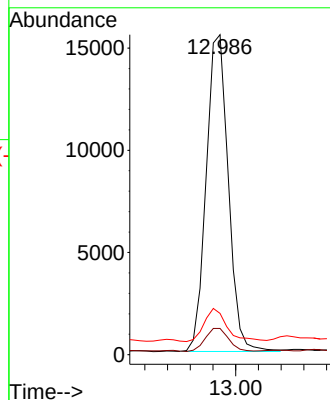
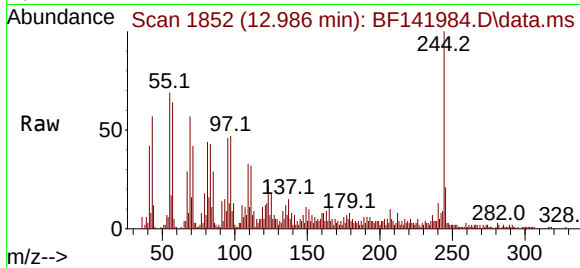




#79
 Terphenyl-d14
 Concen: 1.038 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF141984.D
 Acq: 17 Mar 2025 17:00

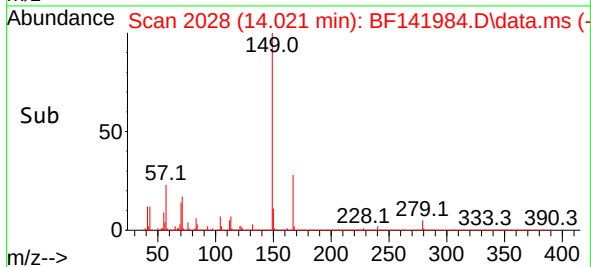
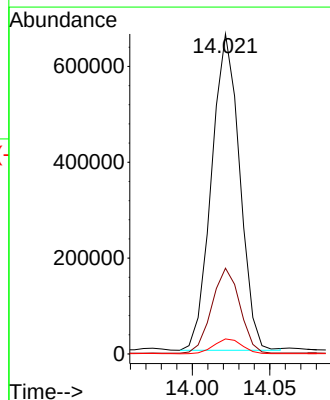
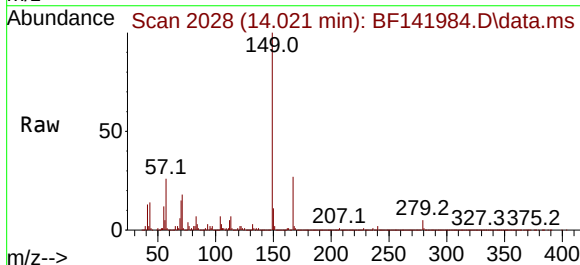
Instrument :
 BNA_F
 ClientSampleId :
 WC1DL

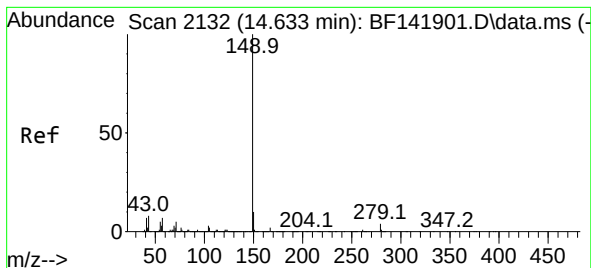
Tgt Ion:244 Resp: 20958
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 12.9 7.7 11.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.827 ng
 RT: 14.021 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: BF141984.D
 Acq: 17 Mar 2025 17:00

Tgt Ion:149 Resp: 833555
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.0
 279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 4.499 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

Instrument :

BNA_F

ClientSampleId :

WC1DL

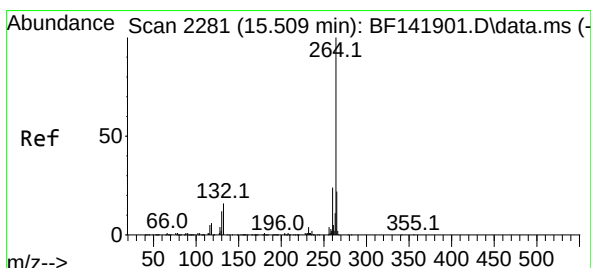
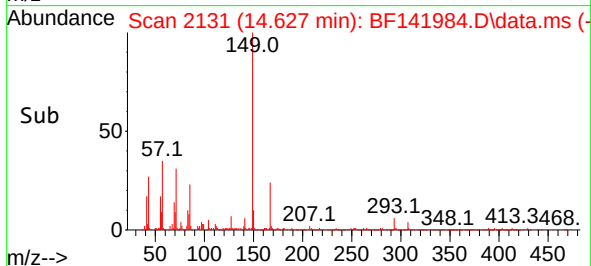
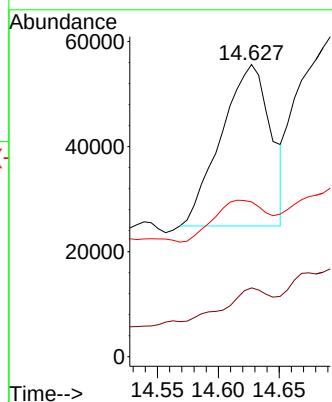
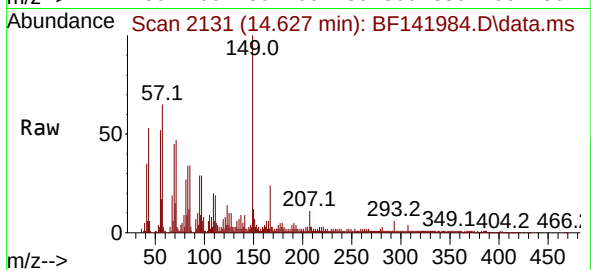
Tgt Ion:149 Resp: 87221

Ion Ratio Lower Upper

149 100

167 40.8 1.3 1.9#

43 27.1 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.018 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

Tgt Ion:264 Resp: 224847

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.5 17.5 26.3

