

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141965.D
 Acq On : 14 Mar 2025 15:08
 Operator : RC/JU
 Sample : Q1552-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-418-JB-COMP-01

Quant Time: Mar 14 15:46:32 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)

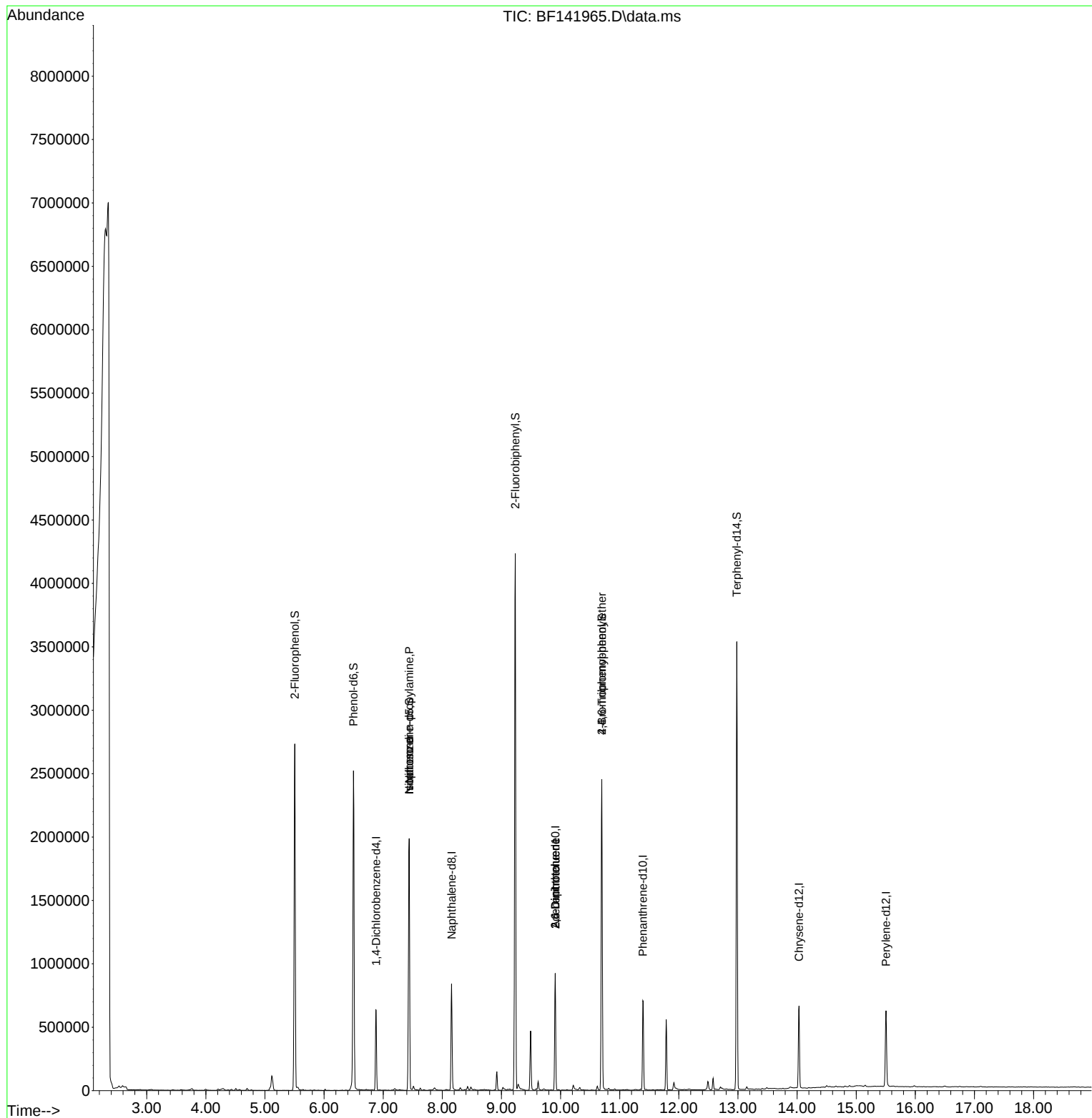
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	138754	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	522771	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	269418	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	376517	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	325196	20.000	ng	0.00
86) Perylene-d12	15.504	264	352617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1083417	130.315	ng	0.01
7) Phenol-d6	6.498	99	1208192	114.139	ng	0.00
23) Nitrobenzene-d5	7.439	82	928916	99.997	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	452805	132.480	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1863518	105.192	ng	0.00
79) Terphenyl-d14	12.980	244	1727397	78.533	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	131292	19.303	ng	# 78
25) Isophorone	7.439	82	918928	55.962	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	33858	8.619	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	33858	6.599	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	28667	6.062	ng	# 1

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

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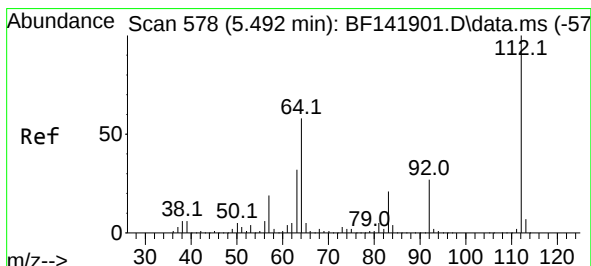
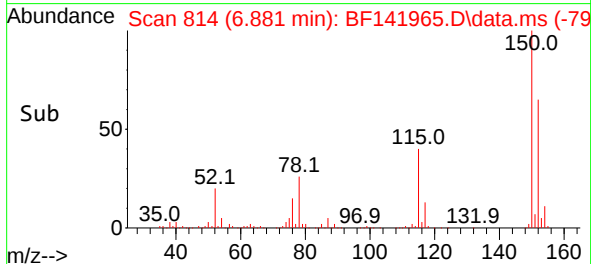
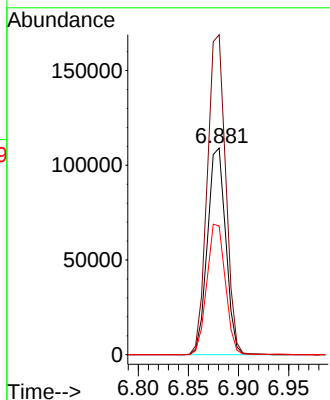
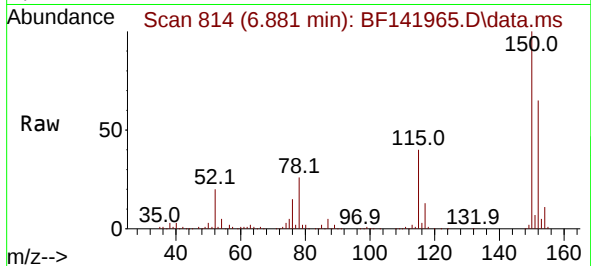




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141965.D
 Acq: 14 Mar 2025 15:08

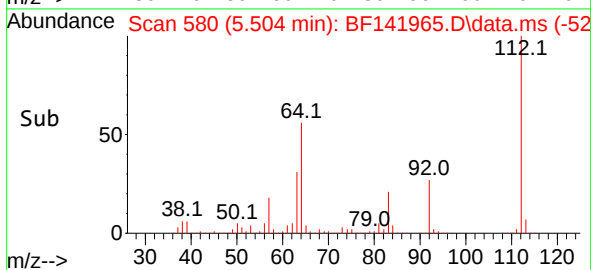
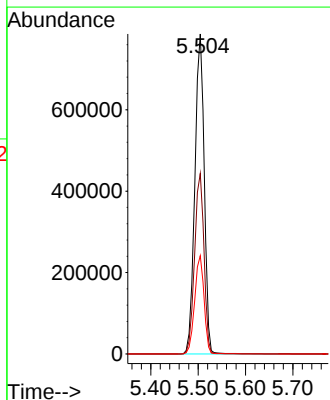
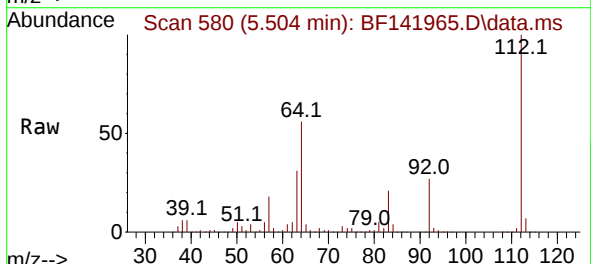
Instrument :
 BNA_F
 ClientSampleId :
 NB-418-JB-COMP-01

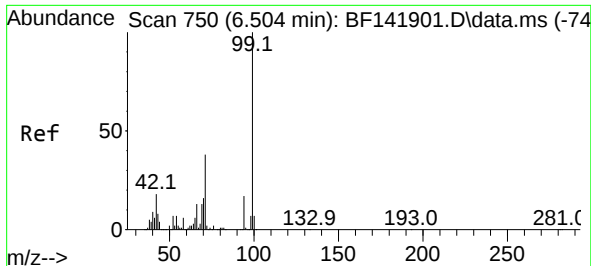
Tgt Ion:152 Resp: 138754
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.4 191.2
 115 62.4 51.9 77.9



#5
 2-Fluorophenol
 Concen: 130.315 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF141965.D
 Acq: 14 Mar 2025 15:08

Tgt Ion:112 Resp: 1083417
 Ion Ratio Lower Upper
 112 100
 64 56.4 46.5 69.7
 63 30.7 25.4 38.2

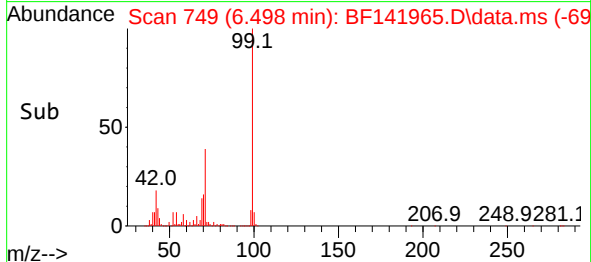
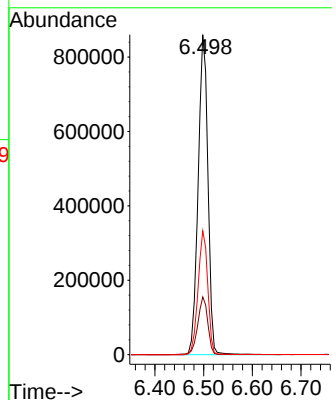
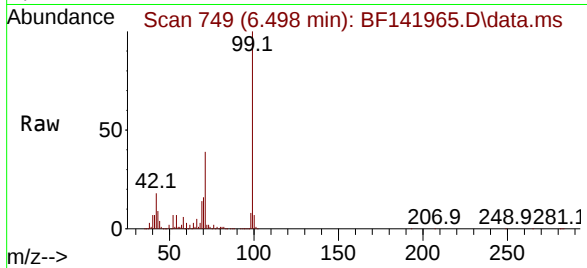




#7
Phenol-d6
Concen: 114.139 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

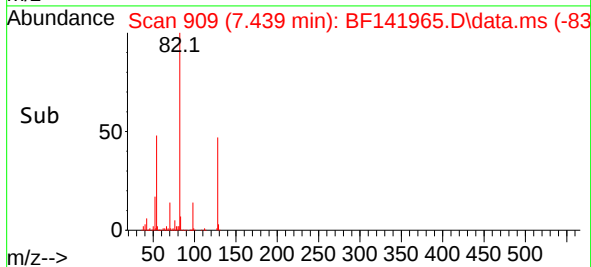
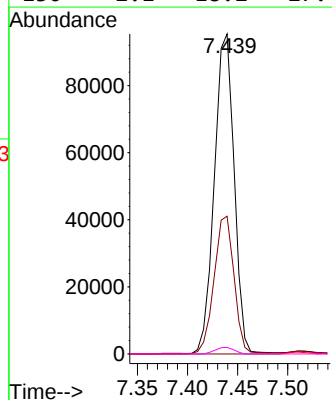
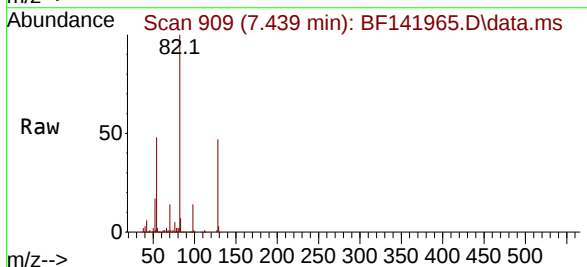
Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Tgt Ion: 99 Resp: 1208192
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 38.7 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.303 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

Tgt Ion: 70 Resp: 131292
Ion Ratio Lower Upper
70 100
42 43.1 41.4 62.0
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#

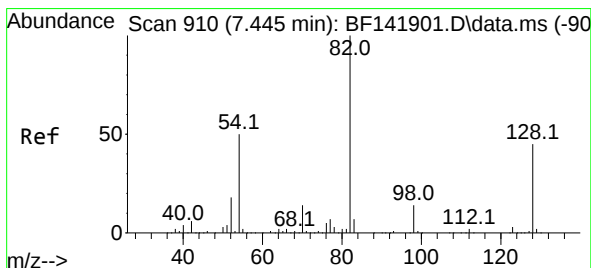
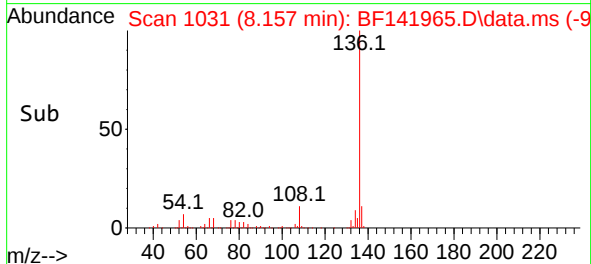
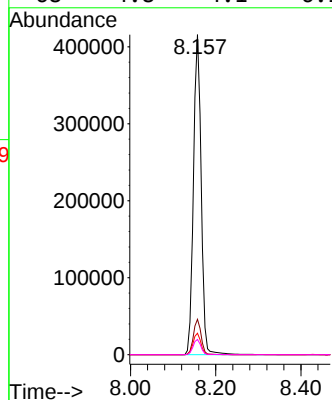
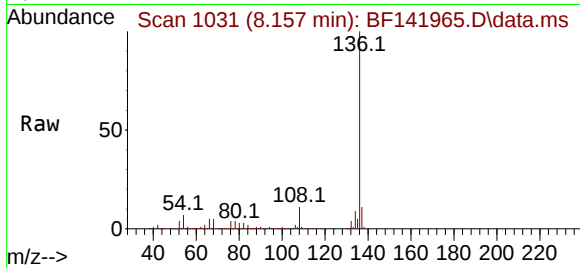




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

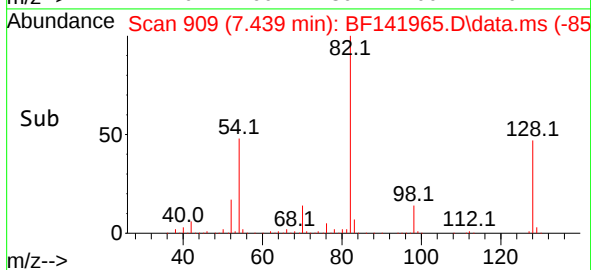
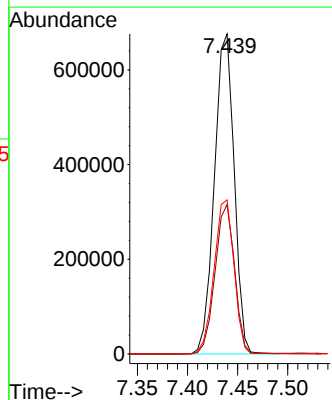
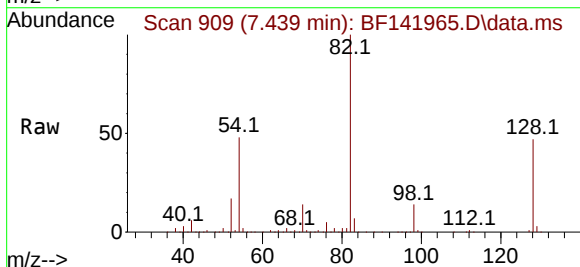
Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Tgt Ion:136 Resp: 522771
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.8 8.8
68 4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 99.997 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

Tgt Ion: 82 Resp: 928916
Ion Ratio Lower Upper
82 100
128 46.7 36.0 54.0
54 48.2 39.6 59.4

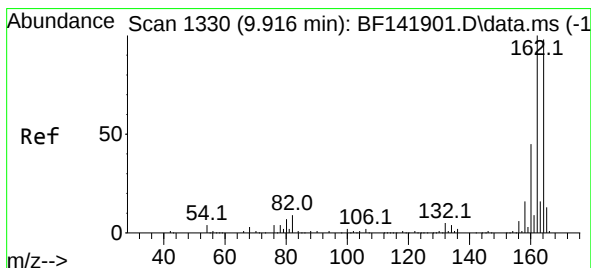
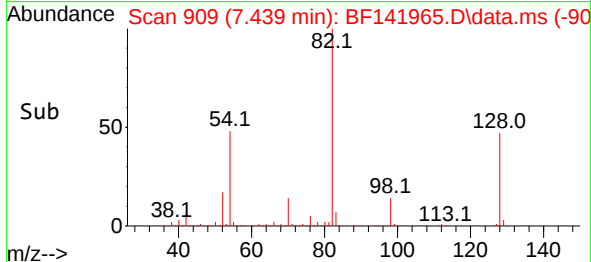
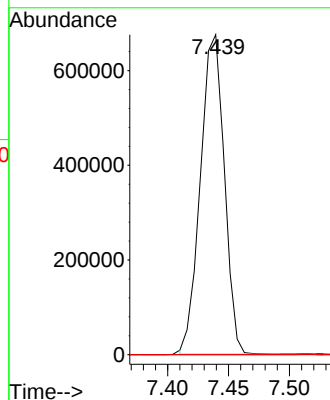
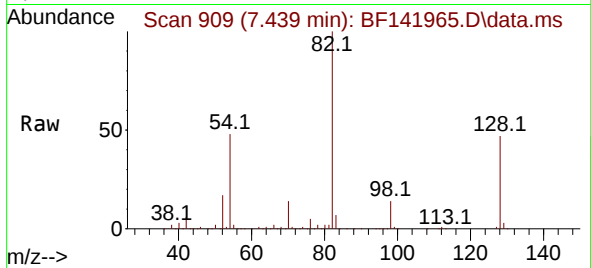




#25
Isophorone
Concen: 55.962 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

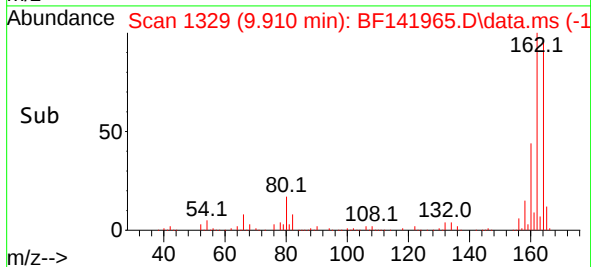
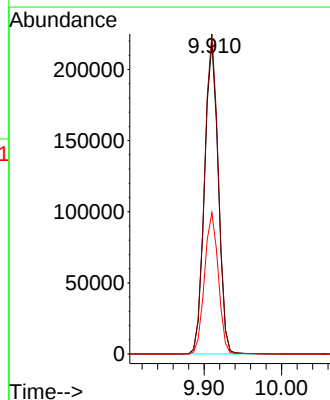
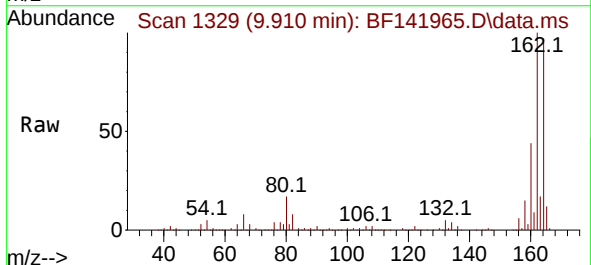
Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Tgt Ion: 82 Resp: 918928
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

Tgt Ion:164 Resp: 269418
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 132.480 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF141965.D

Acq: 14 Mar 2025 15:08

Instrument :

BNA_F

ClientSampleId :

NB-418-JB-COMP-01

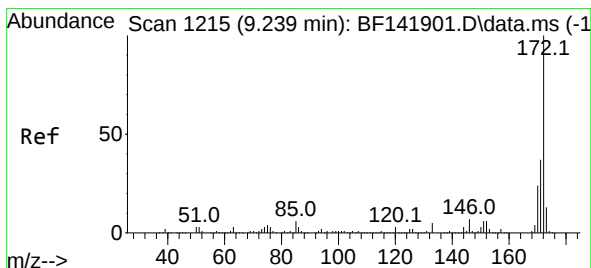
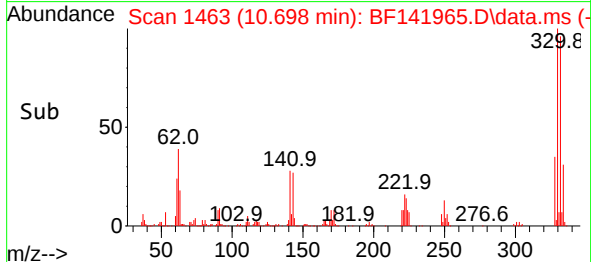
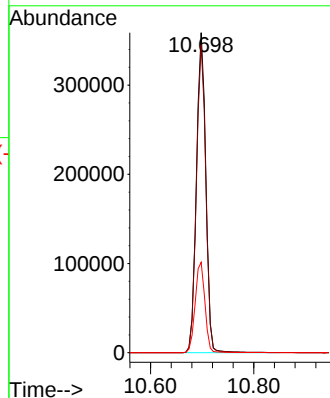
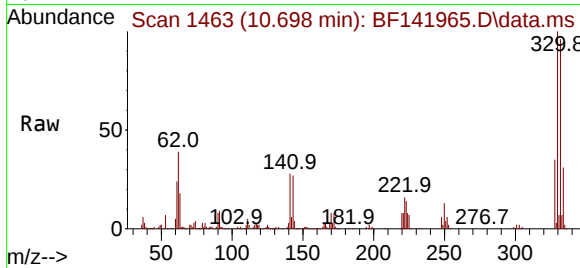
Tgt Ion:330 Resp: 452805

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 29.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 105.192 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141965.D

Acq: 14 Mar 2025 15:08

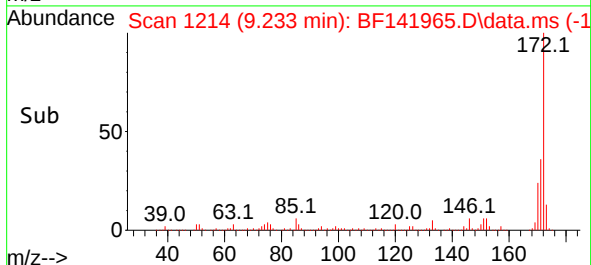
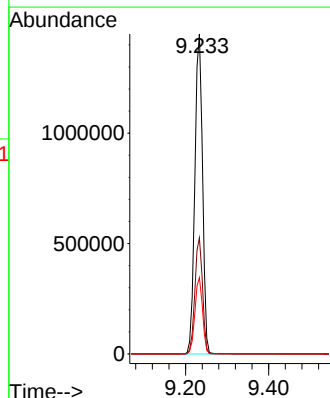
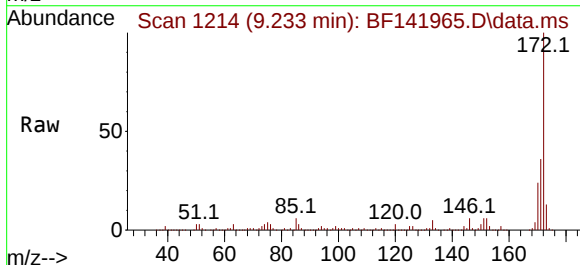
Tgt Ion:172 Resp: 1863518

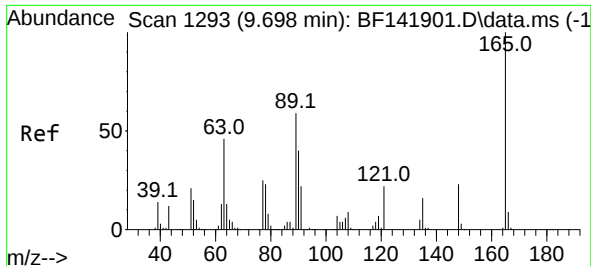
Ion Ratio Lower Upper

172 100

171 36.3 29.3 43.9

170 23.8 19.4 29.0

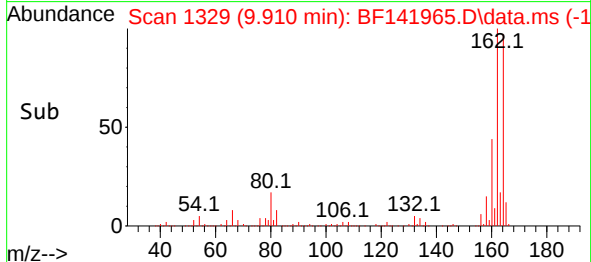
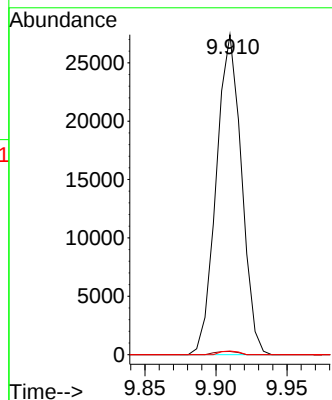
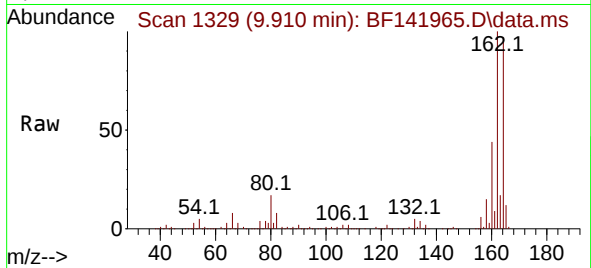




#51
2,6-Dinitrotoluene
Concen: 8.619 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

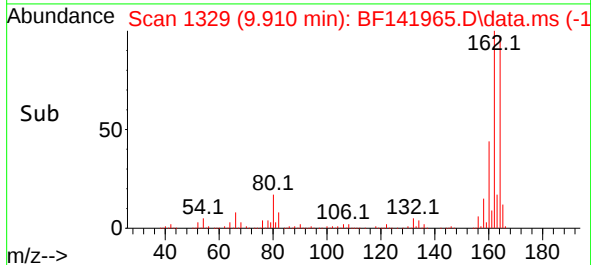
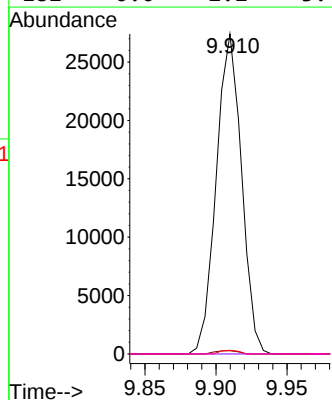
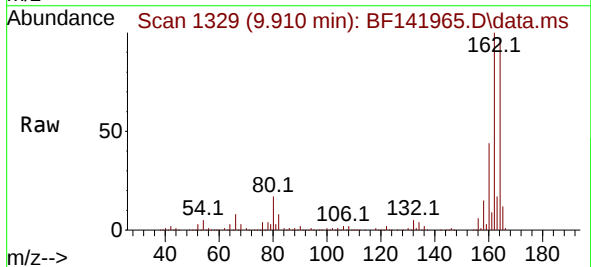
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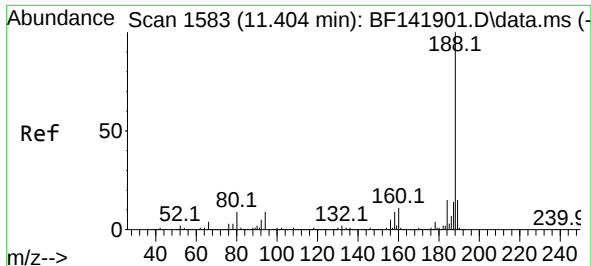
Tgt Ion:165 Resp: 33858
Ion Ratio Lower Upper
165 100
63 1.0 47.0 70.4#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.599 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

Tgt Ion:165 Resp: 33858
Ion Ratio Lower Upper
165 100
63 1.0 35.4 53.2#
89 1.2 56.6 84.8#
182 0.0 2.2 3.4#

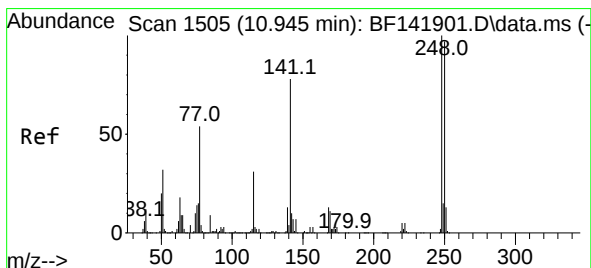
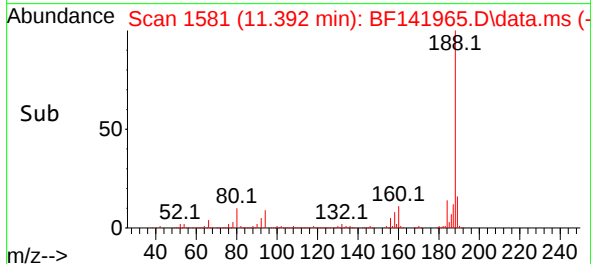
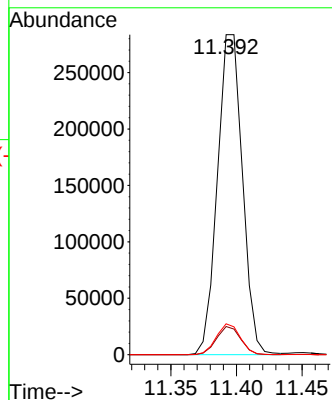
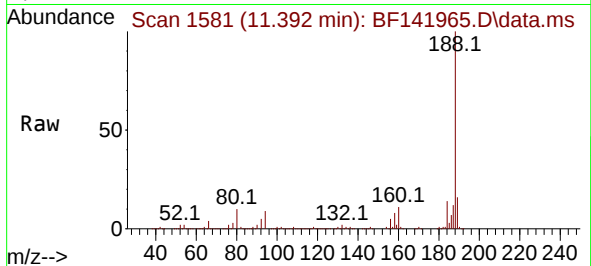




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

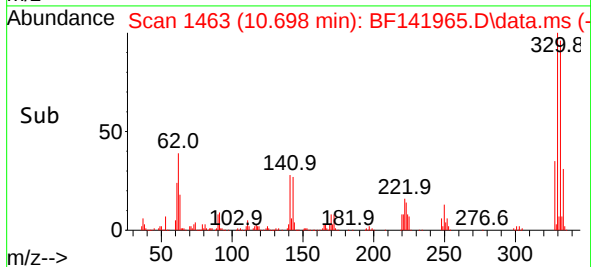
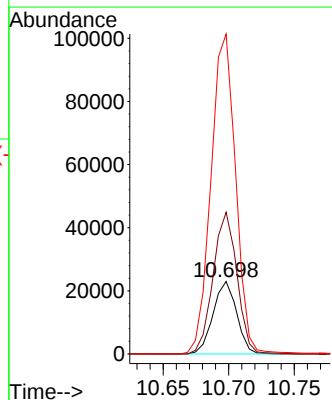
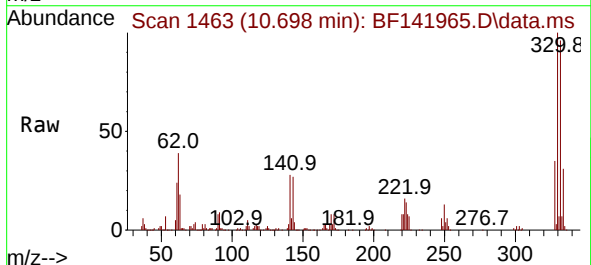
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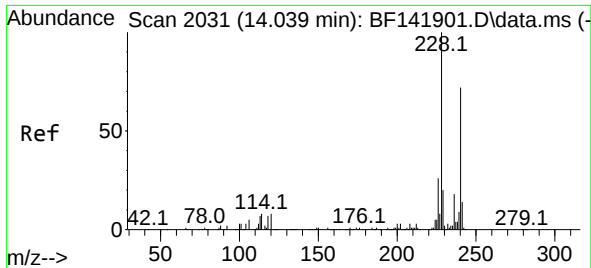
Tgt Ion:188 Resp: 376517
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 9.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 6.062 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

Tgt Ion:248 Resp: 28667
Ion Ratio Lower Upper
248 100
250 195.6 77.8 116.8#
141 441.4 62.6 93.8#

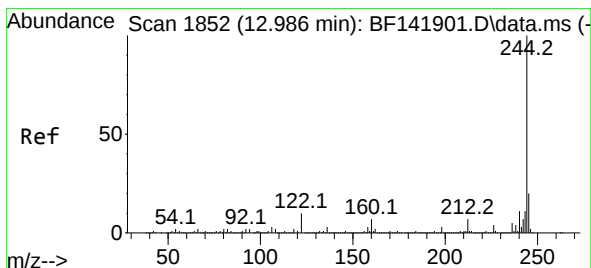
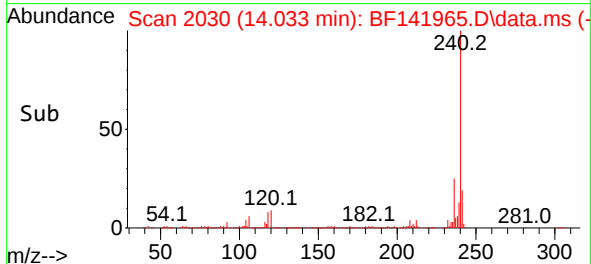
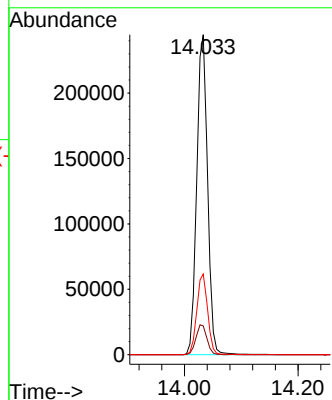
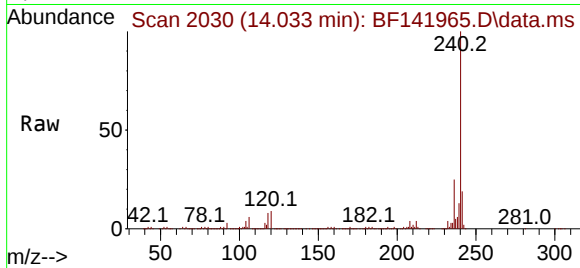




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

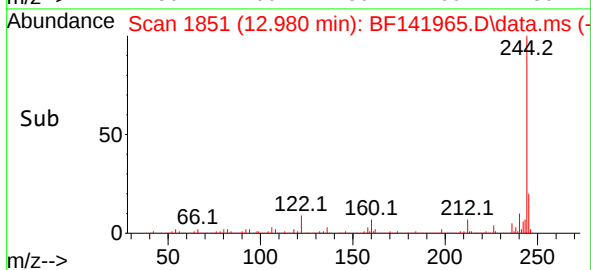
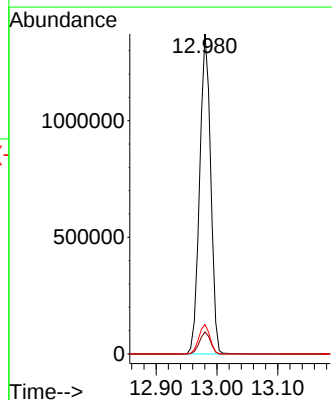
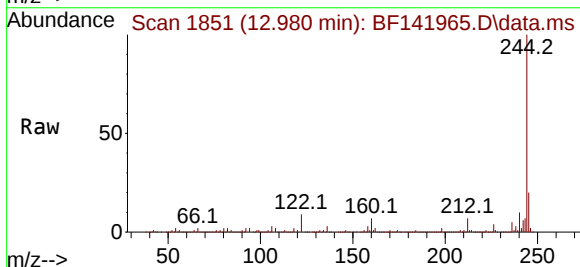
Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

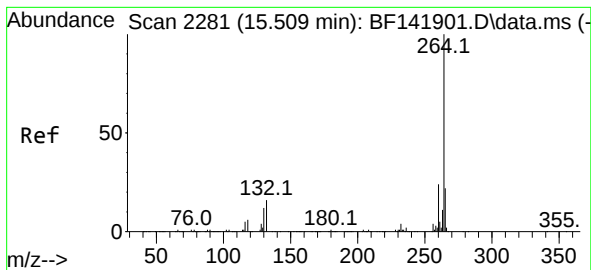
Tgt Ion:240 Resp: 325196
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.2 20.5 30.7



#79
Terphenyl-d14
Concen: 78.533 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF141965.D
Acq: 14 Mar 2025 15:08

Tgt Ion:244 Resp: 1727397
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.2 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141965.D

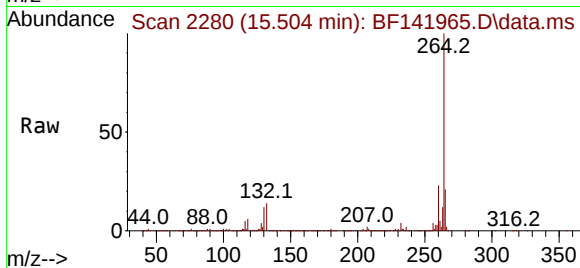
Acq: 14 Mar 2025 15:08

Instrument :

BNA_F

ClientSampleId :

NB-418-JB-COMP-01



Tgt Ion:264 Resp: 352617

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.2 17.5 26.3

