

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141974.D
 Acq On : 17 Mar 2025 10:09
 Operator : RC/JU
 Sample : PB167138BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167138BL

Quant Time: Mar 17 11:43:26 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)

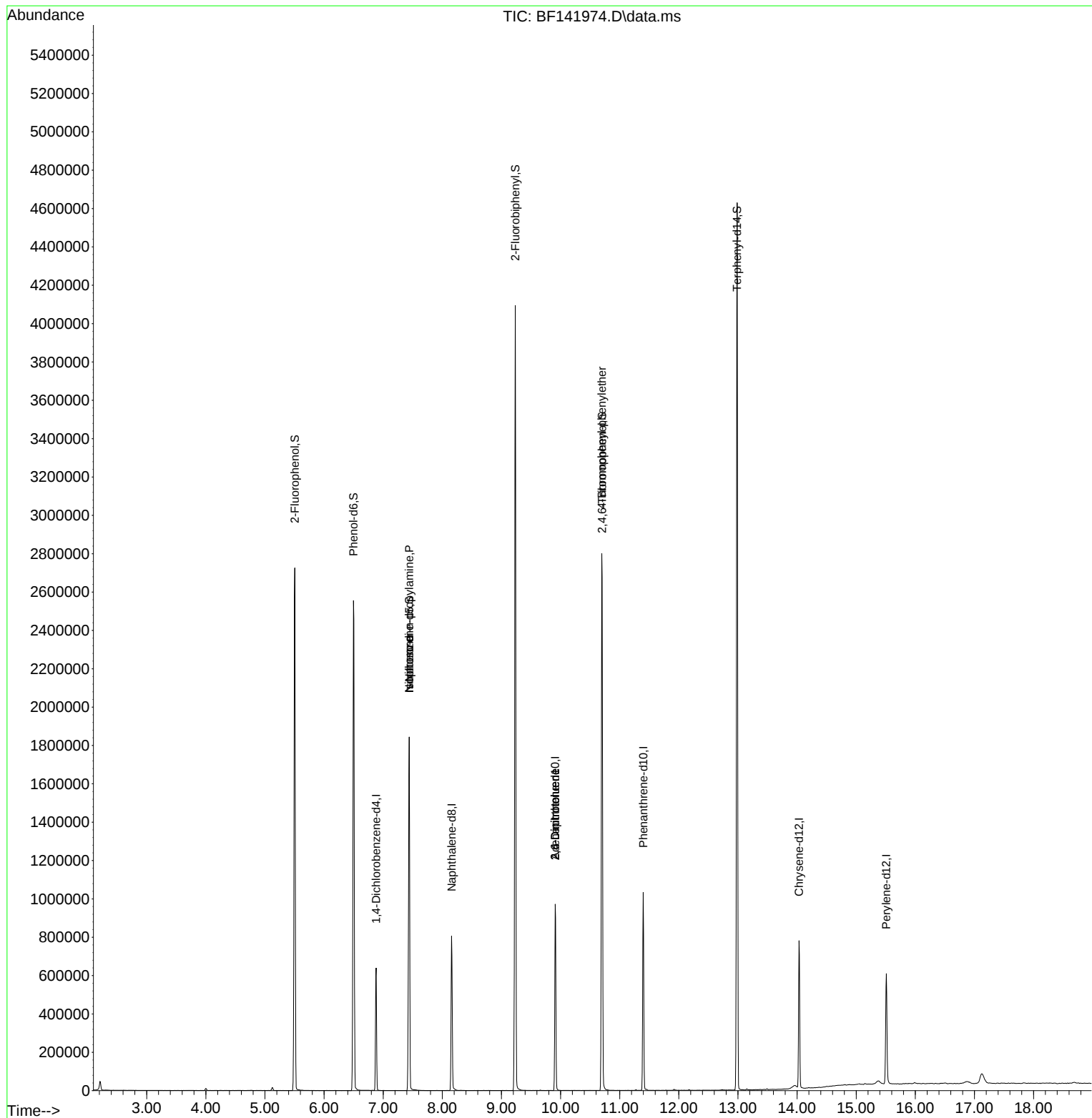
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	137422	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	538895	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	297763	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	521925	20.000	ng	0.00
76) Chrysene-d12	14.033	240	385537	20.000	ng	0.00
86) Perylene-d12	15.510	264	340390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1096281	133.141	ng	0.01
7) Phenol-d6	6.498	99	1330387	126.901	ng	0.00
23) Nitrobenzene-d5	7.439	82	876605	91.542	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	551283	145.938	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1841977	94.078	ng	0.00
79) Terphenyl-d14	12.986	244	2336269	89.591	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	120853	17.940	ng	# 76
25) Isophorone	7.439	82	867284	51.237	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	38409	8.847	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	38409	6.774	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	35049	5.347	ng	# 1

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

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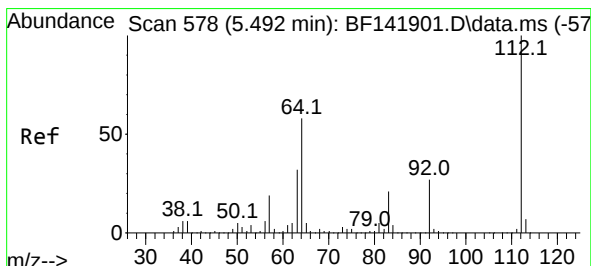
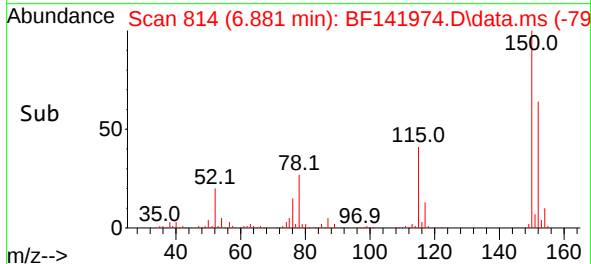
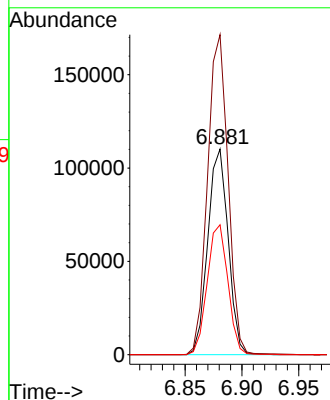
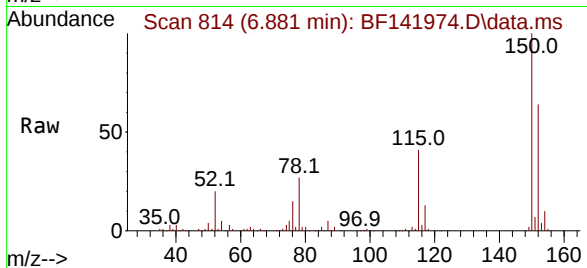




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141974.D
 Acq: 17 Mar 2025 10:09

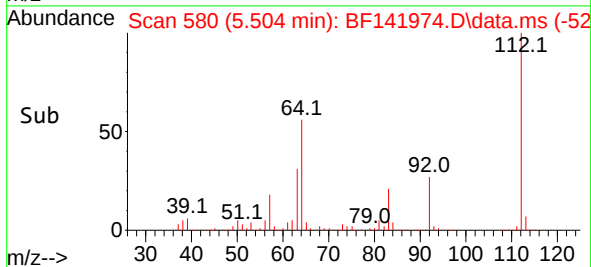
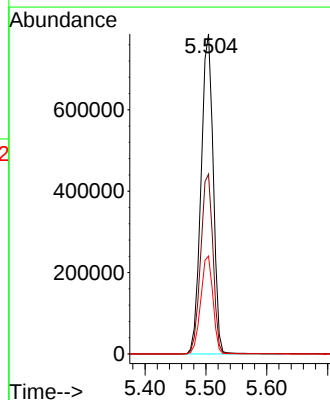
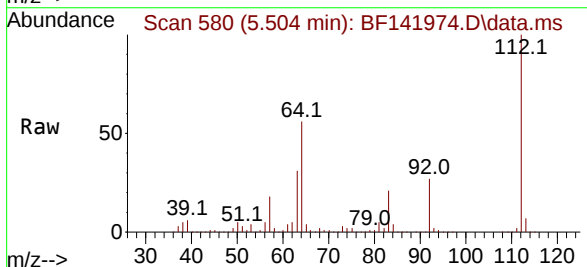
Instrument :
 BNA_F
 ClientSampleId :
 PB167138BL

Tgt Ion:152 Resp: 137422
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.4 191.2
 115 63.2 51.9 77.9



#5
 2-Fluorophenol
 Concen: 133.141 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF141974.D
 Acq: 17 Mar 2025 10:09

Tgt Ion:112 Resp: 1096281
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.5 69.7
 63 30.6 25.4 38.2

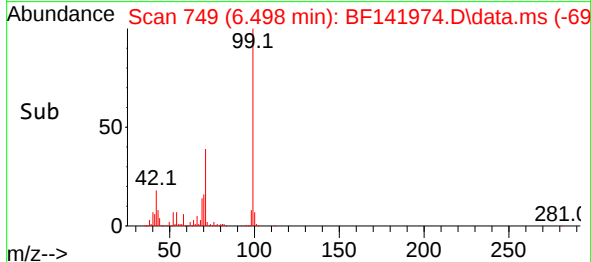
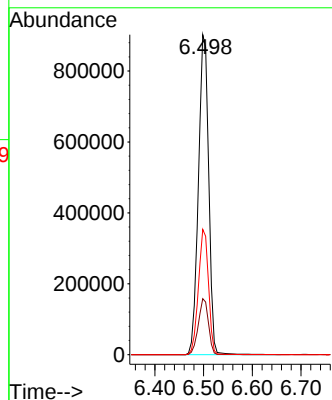
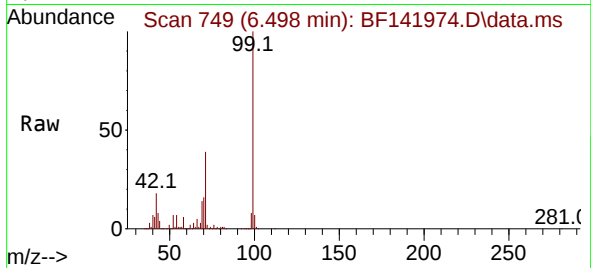




#7
Phenol-d6
Concen: 126.901 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141974.D
Acq: 17 Mar 2025 10:09

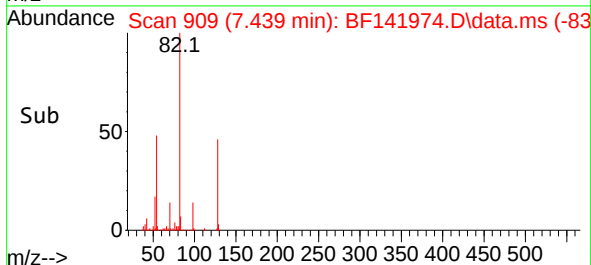
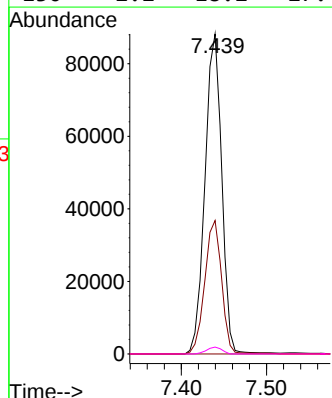
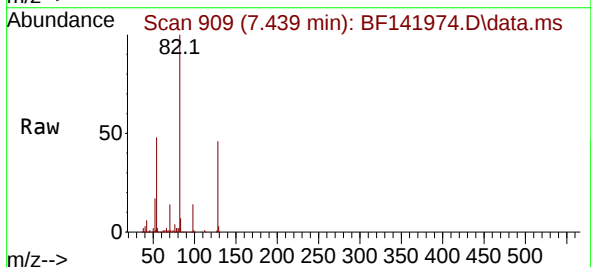
Instrument :
BNA_F
ClientSampleId :
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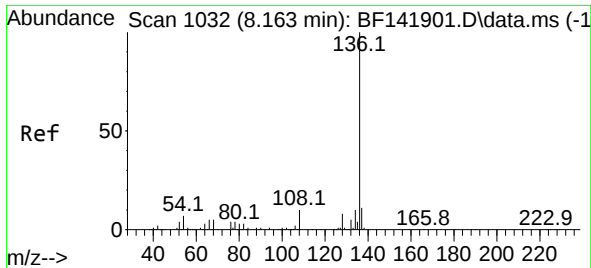
Tgt Ion: 99 Resp: 1330387
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 39.1 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.940 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF141974.D
Acq: 17 Mar 2025 10:09

Tgt Ion: 70 Resp: 120853
Ion Ratio Lower Upper
70 100
42 41.7 41.4 62.0
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#

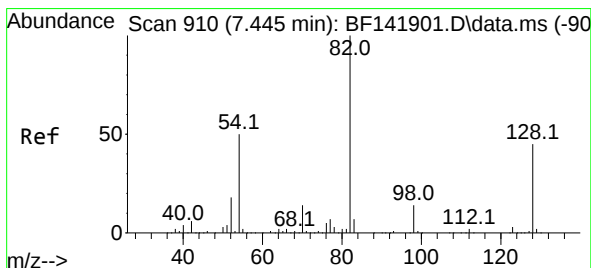
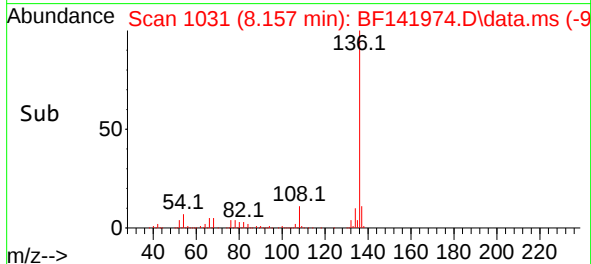
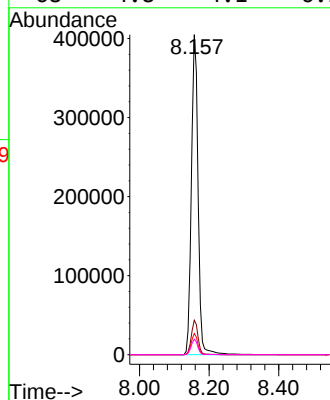
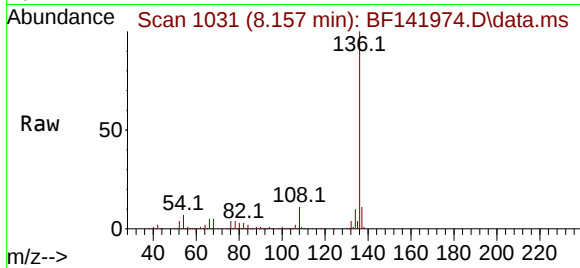




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141974.D
Acq: 17 Mar 2025 10:09

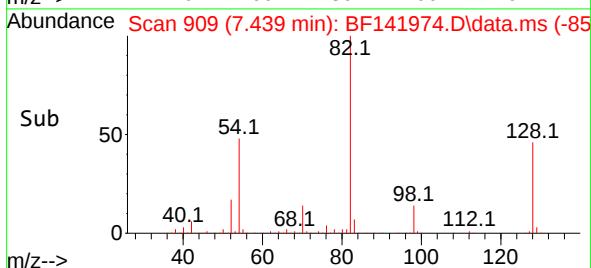
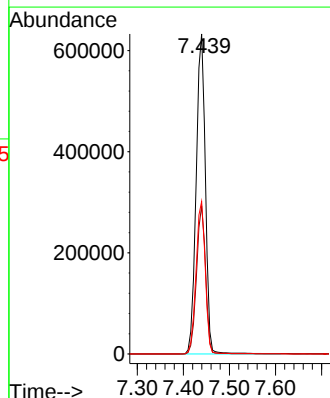
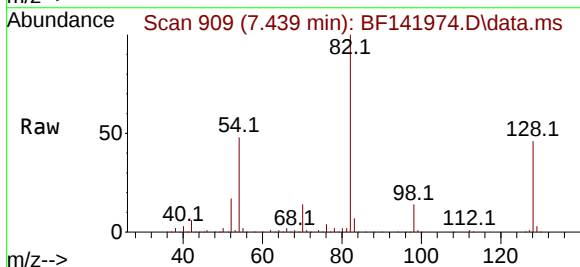
Instrument :
BNA_F
ClientSampleId :
PB167138BL

Tgt Ion:136 Resp: 538895
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.8 8.8
68 4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 91.542 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141974.D
Acq: 17 Mar 2025 10:09

Tgt Ion: 82 Resp: 876605
Ion Ratio Lower Upper
82 100
128 46.3 36.0 54.0
54 47.7 39.6 59.4

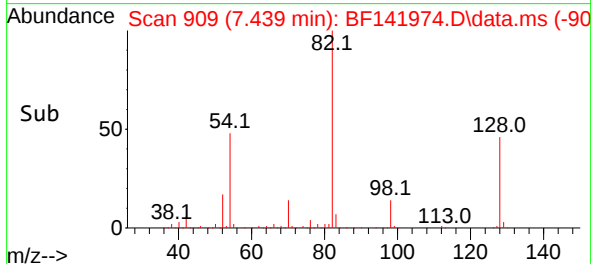
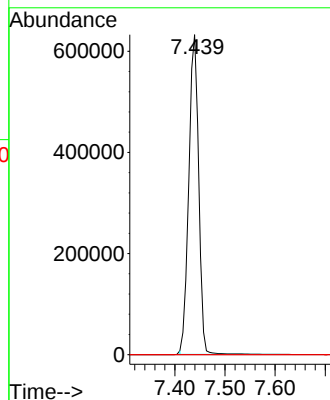
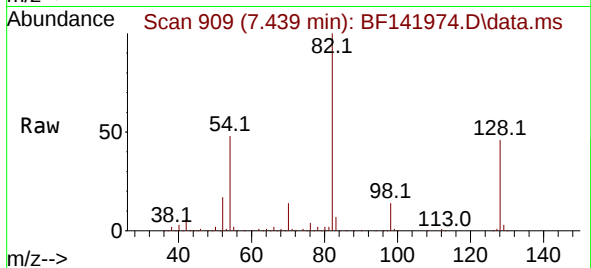




#25
Isophorone
Concen: 51.237 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF141974.D
Acq: 17 Mar 2025 10:09

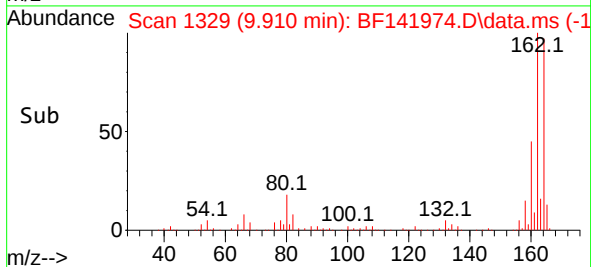
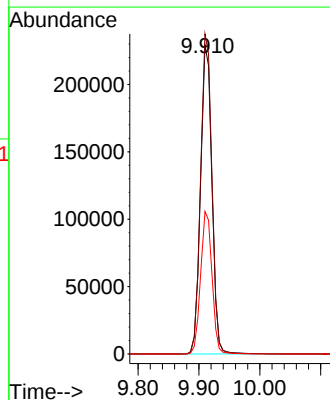
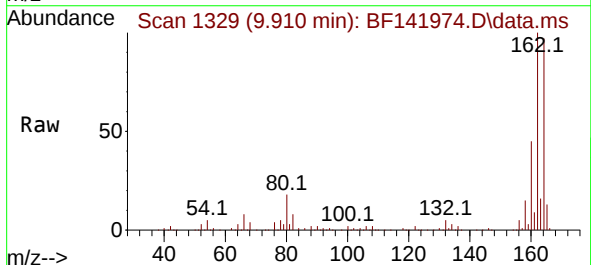
Instrument :
BNA_F
ClientSampleId :
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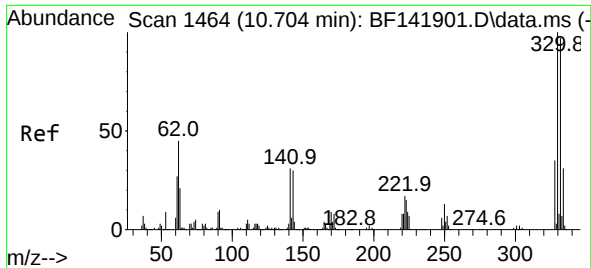
Tgt Ion: 82 Resp: 867284
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141974.D
Acq: 17 Mar 2025 10:09

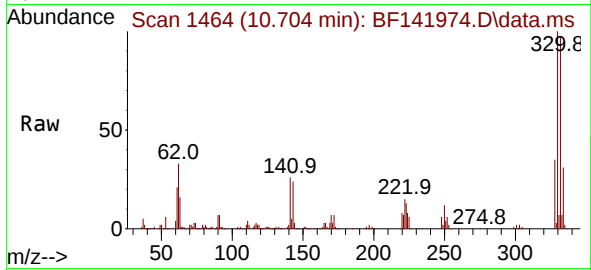
Tgt Ion:164 Resp: 297763
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.6
160 46.1 36.7 55.1



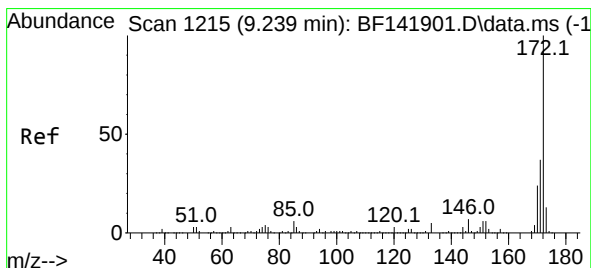
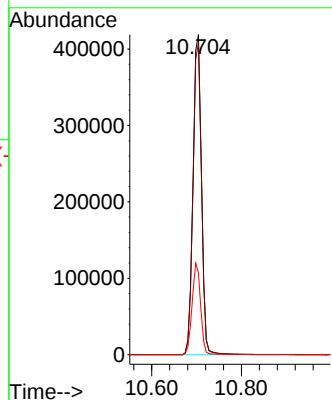
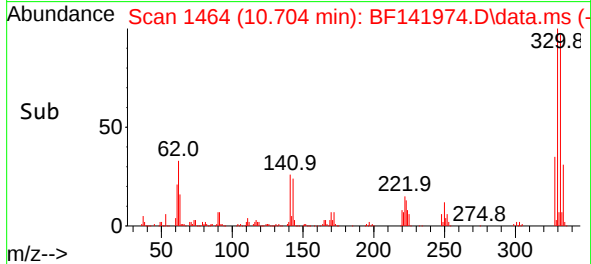


#42
2,4,6-Tribromophenol
Concen: 145.938 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141974.D
Acq: 17 Mar 2025 10:09

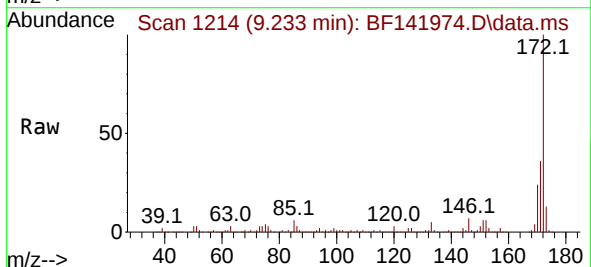
Instrument :
BNA_F
ClientSampleId :
PB167138BL



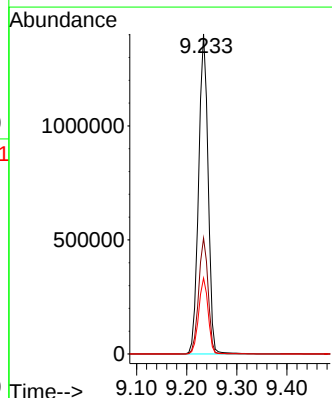
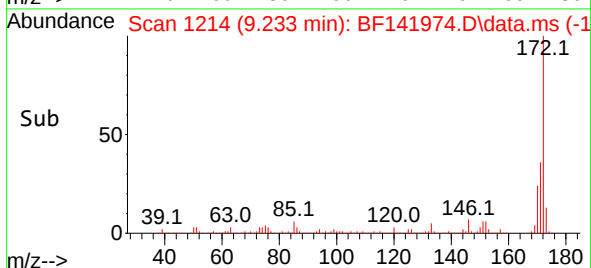
Tgt Ion: 330 Resp: 551283
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 28.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 94.078 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141974.D
Acq: 17 Mar 2025 10:09



Tgt Ion: 172 Resp: 1841977
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 23.7 19.4 29.0

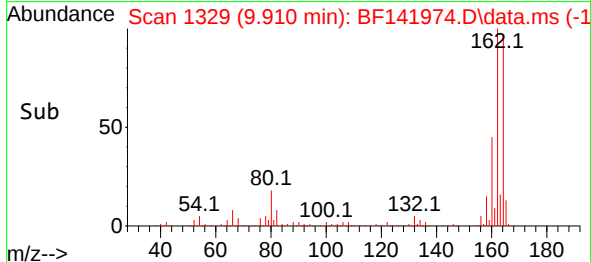
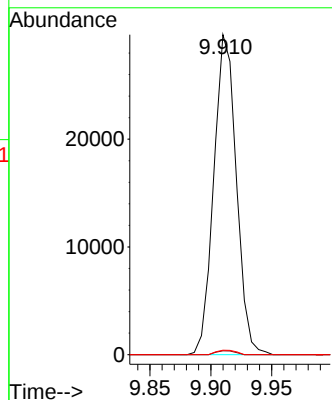
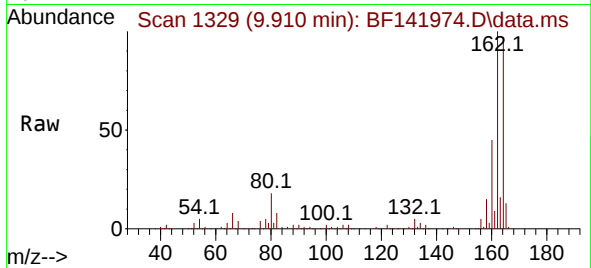




#51
2,6-Dinitrotoluene
Concen: 8.847 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141974.D
Acq: 17 Mar 2025 10:09

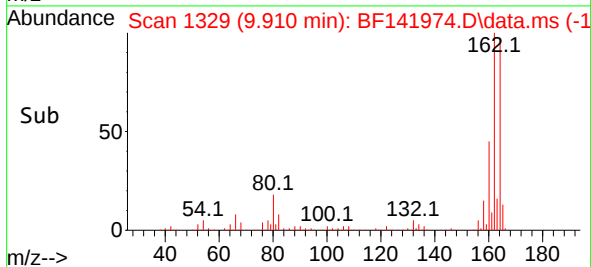
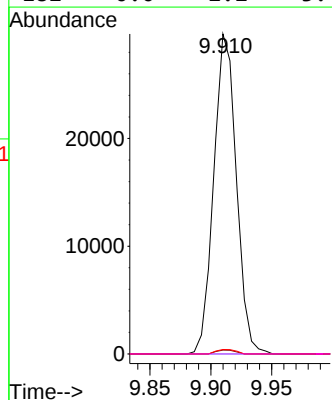
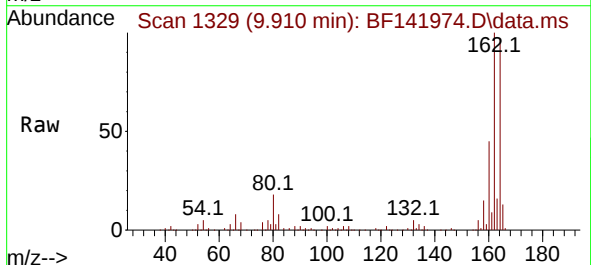
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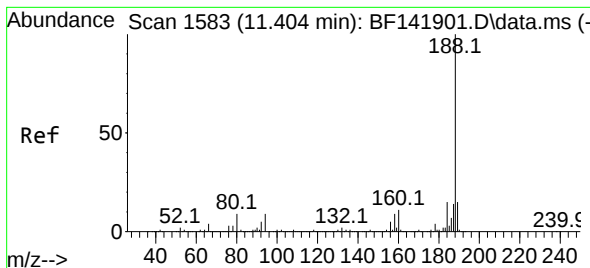
Tgt Ion:165 Resp: 38409
Ion Ratio Lower Upper
165 100
63 1.2 47.0 70.4#
89 1.4 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.774 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF141974.D
Acq: 17 Mar 2025 10:09

Tgt Ion:165 Resp: 38409
Ion Ratio Lower Upper
165 100
63 1.2 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: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141974.D

Acq: 17 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

PB167138BL

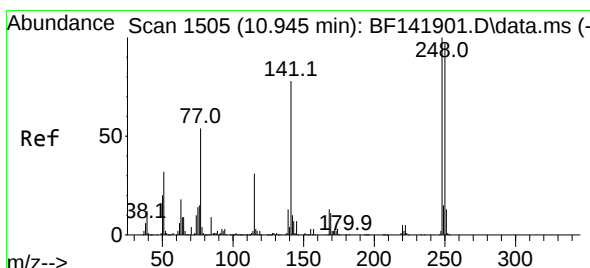
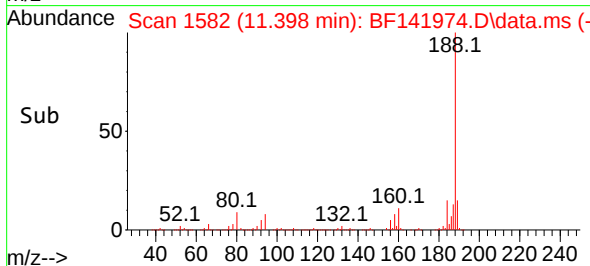
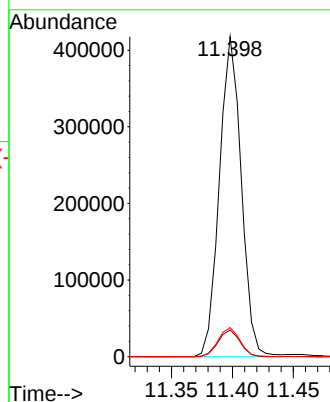
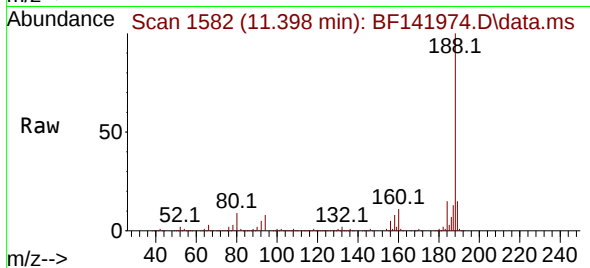
Tgt Ion:188 Resp: 521925

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

80 9.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.347 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF141974.D

Acq: 17 Mar 2025 10:09

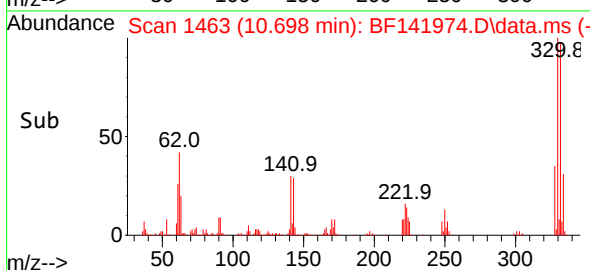
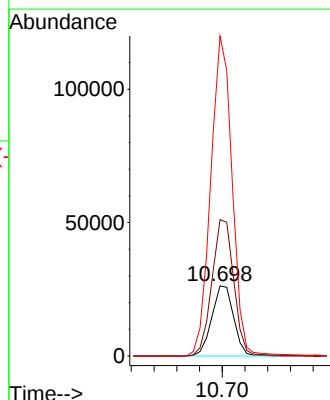
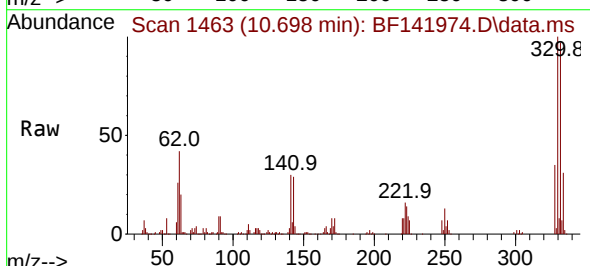
Tgt Ion:248 Resp: 35049

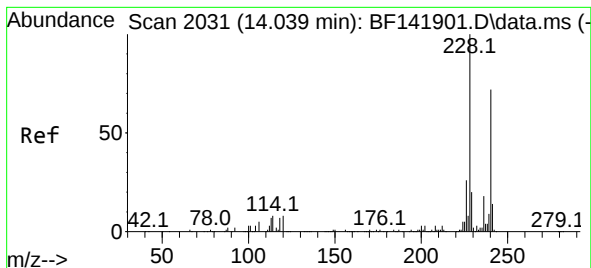
Ion Ratio Lower Upper

248 100

250 194.5 77.8 116.8#

141 456.4 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: BF141974.D

Acq: 17 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

PB167138BL

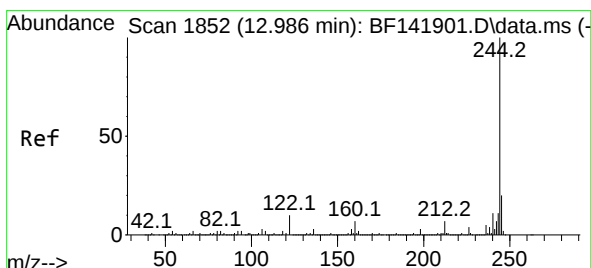
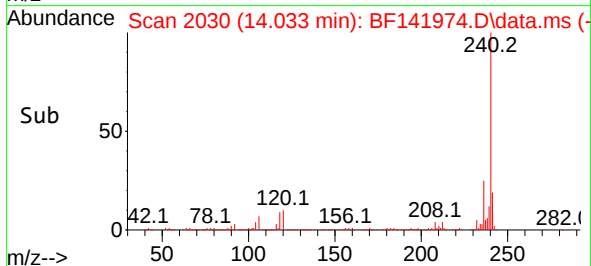
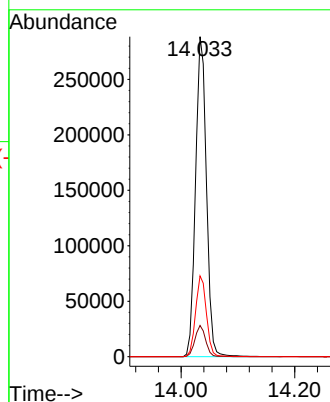
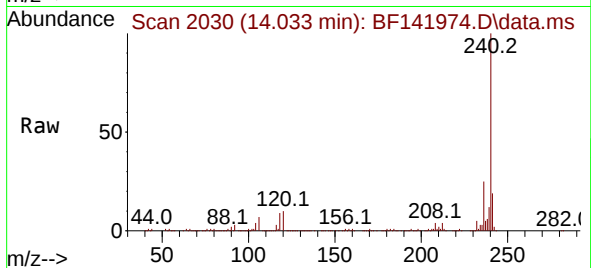
Tgt Ion:240 Resp: 385537

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.3 20.5 30.7



#79

Terphenyl-d14

Concen: 89.591 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141974.D

Acq: 17 Mar 2025 10:09

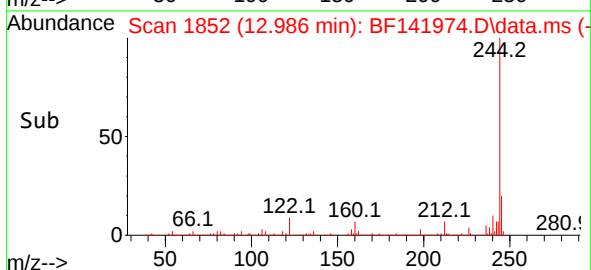
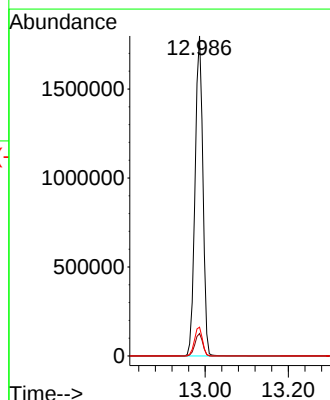
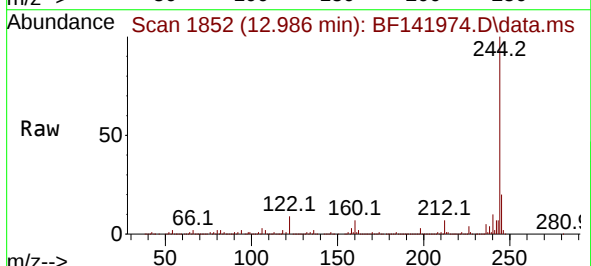
Tgt Ion:244 Resp: 2336269

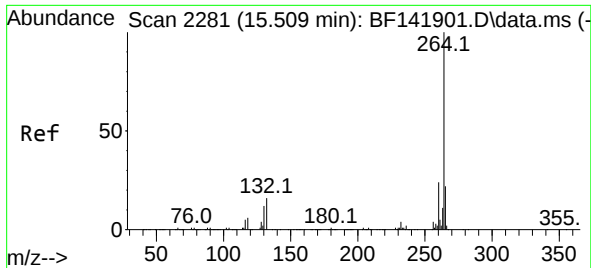
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

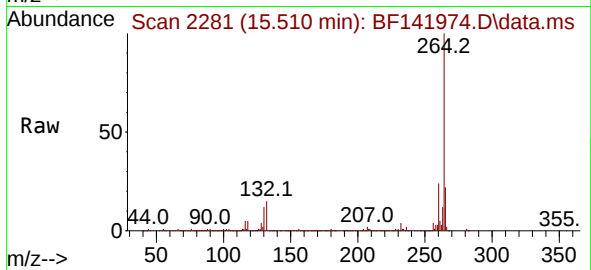
122 9.0 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141974.D
 Acq: 17 Mar 2025 10:09

Instrument :
 BNA_F
 ClientSampleId :
 PB167138BL



Tgt Ion:264 Resp: 340390
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.2 17.5 26.3

