

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141987.D
 Acq On : 18 Mar 2025 10:30
 Operator : RC/JU
 Sample : PB167168BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 18 11:22:13 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)

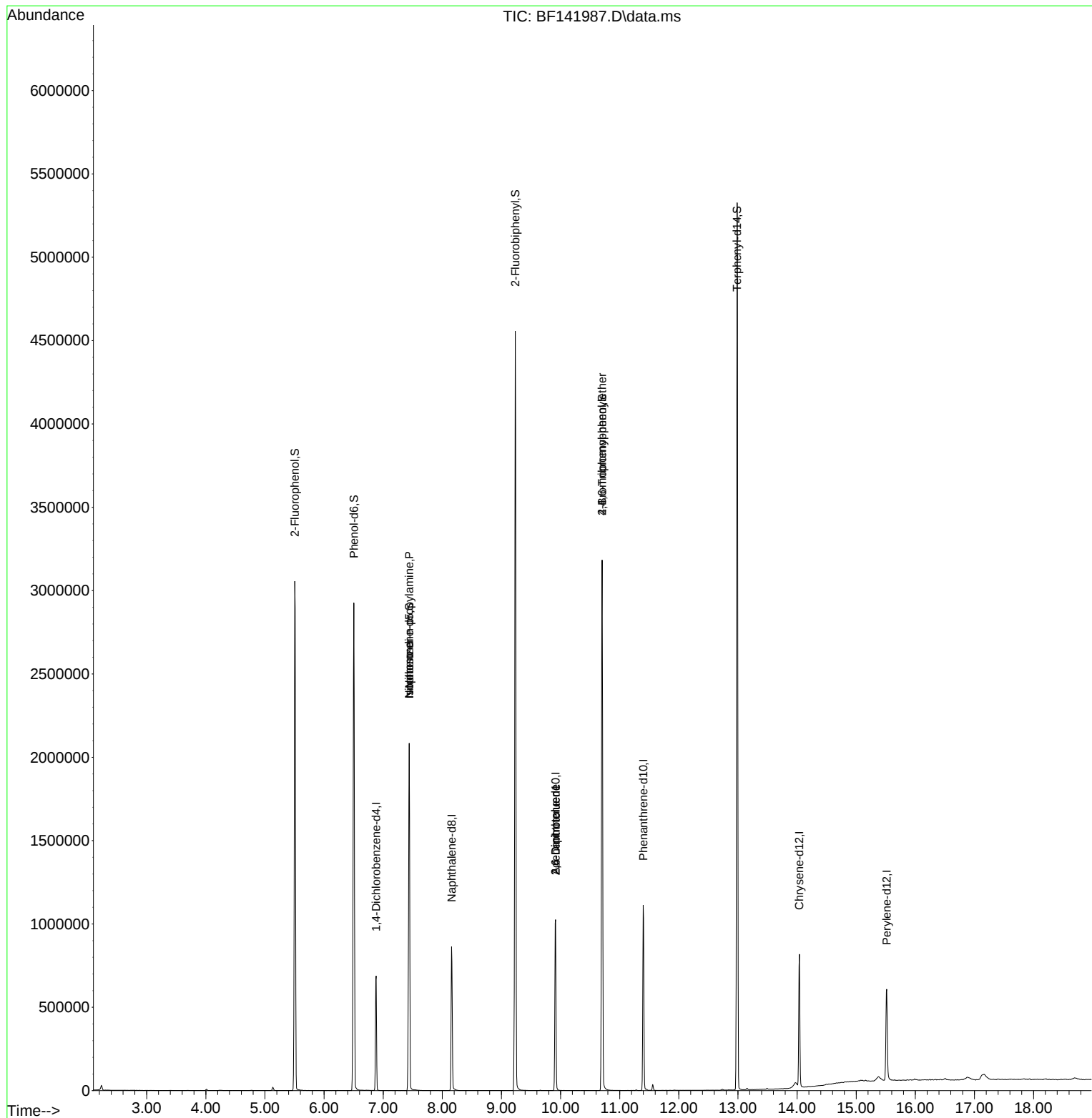
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	150161	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	582481	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	328657	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	587512	20.000	ng	0.00
76) Chrysene-d12	14.039	240	398767	20.000	ng	0.00
86) Perylene-d12	15.515	264	350327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1235124	137.277	ng	0.01
7) Phenol-d6	6.504	99	1508179	131.655	ng	0.00
23) Nitrobenzene-d5	7.439	82	1004203	97.020	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	621152	148.977	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2084258	96.446	ng	0.00
79) Terphenyl-d14	12.986	244	2715937	100.695	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.439	70	138522	18.819	ng	# 77
25) Isophorone	7.439	82	995061	54.387	ng	# 64
51) 2,6-Dinitrotoluene	9.916	165	42657	8.902	ng	# 23
57) 2,4-Dinitrotoluene	9.916	165	42657	6.816	ng	# 24
67) 4-Bromophenyl-phenylether	10.704	248	38219	5.180	ng	# 1

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

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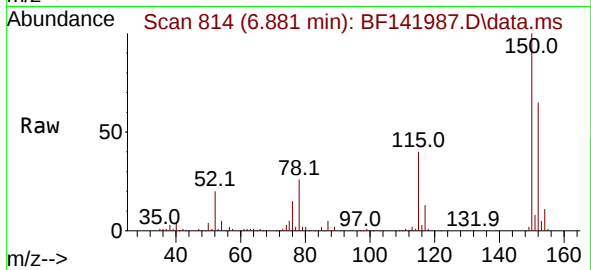
Quant Time: Mar 18 11:22:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



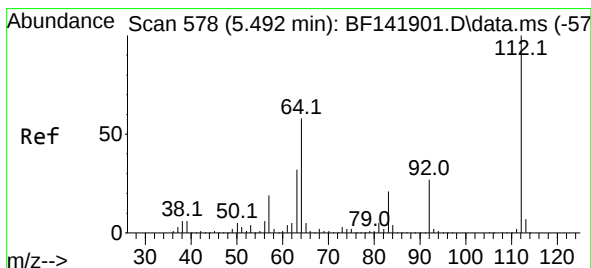
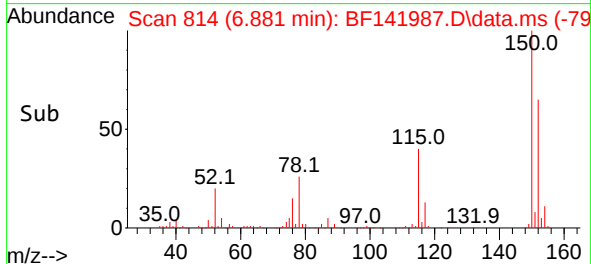
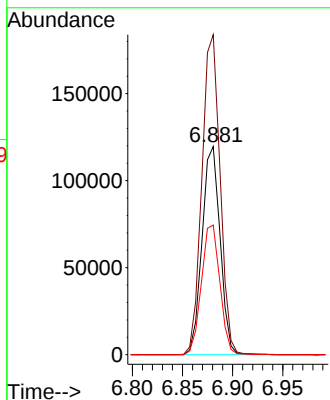


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141987.D
 Acq: 18 Mar 2025 10:30

Instrument :
 BNA_F
 ClientSampleId :

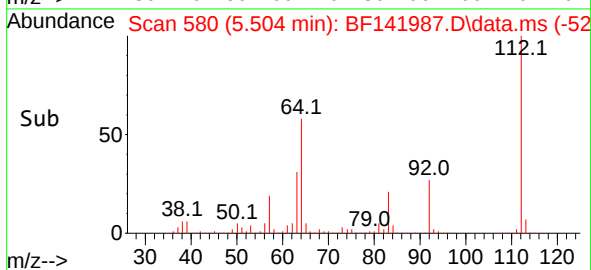
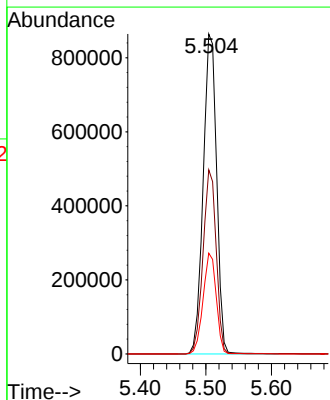
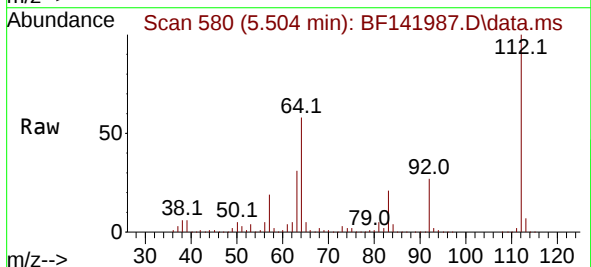


Tgt Ion:152 Resp: 150161
 Ion Ratio Lower Upper
 152 100
 150 153.7 127.4 191.2
 115 62.2 51.9 77.9



#5
 2-Fluorophenol
 Concen: 137.277 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF141987.D
 Acq: 18 Mar 2025 10:30

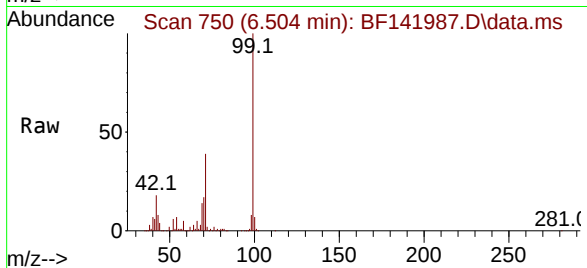
Tgt Ion:112 Resp: 1235124
 Ion Ratio Lower Upper
 112 100
 64 57.5 46.5 69.7
 63 31.5 25.4 38.2





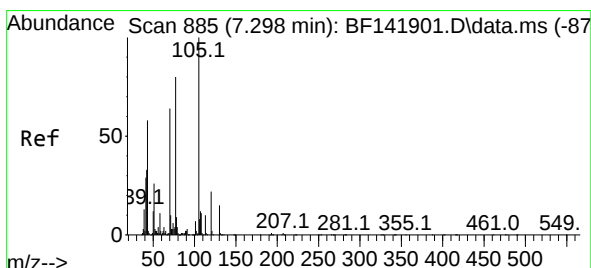
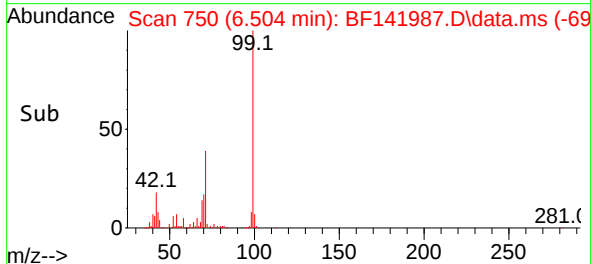
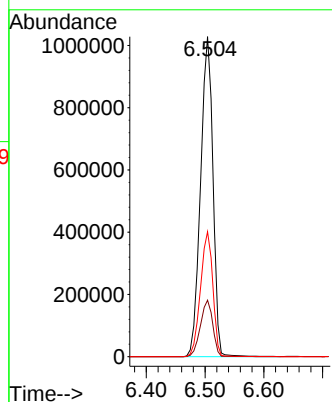
#7
Phenol-d6
Concen: 131.655 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1508179

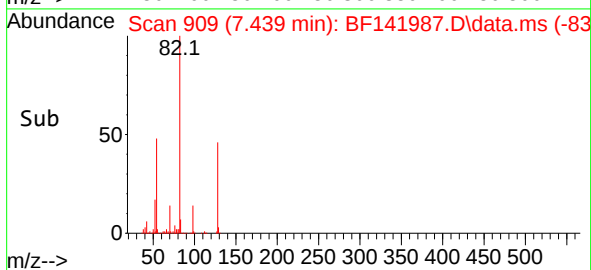
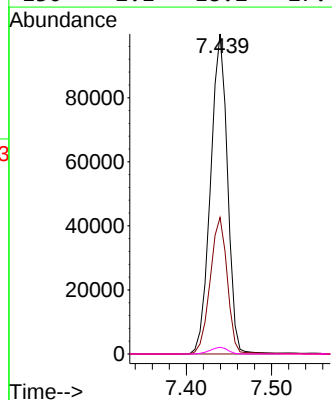
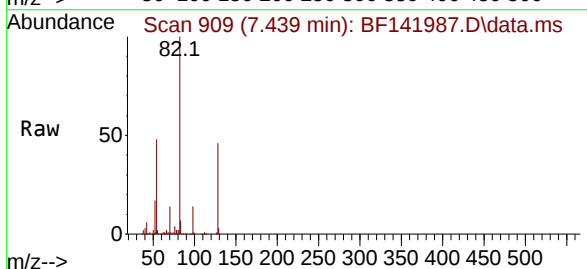
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	21.8
71	39.1	30.8	46.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.819 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

Tgt Ion: 70 Resp: 138522

Ion	Ratio	Lower	Upper
70	100		
42	42.6	41.4	62.0
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#

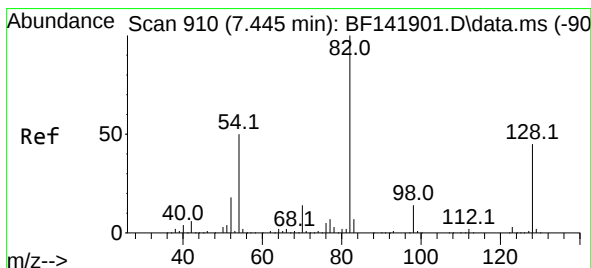
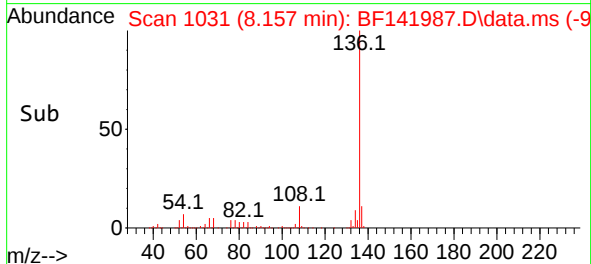
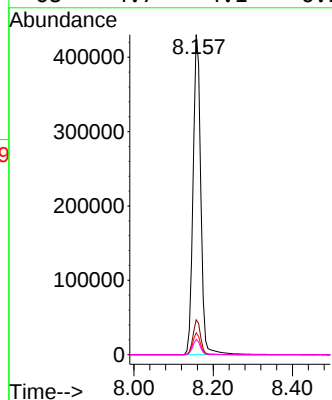
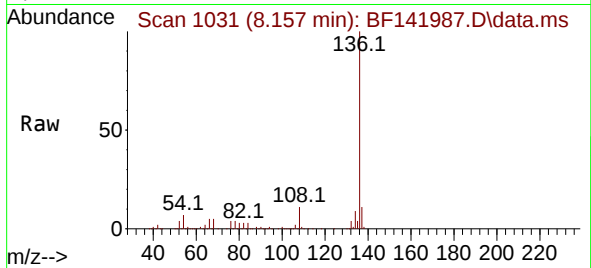




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

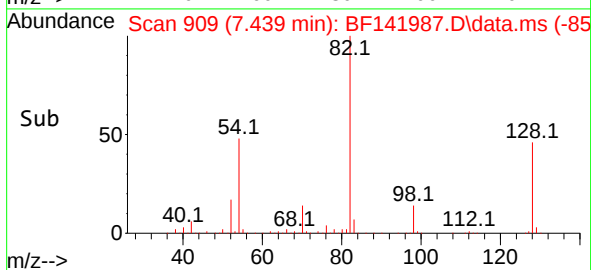
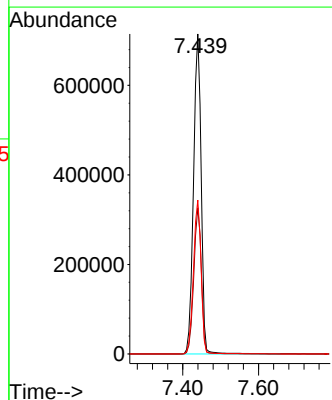
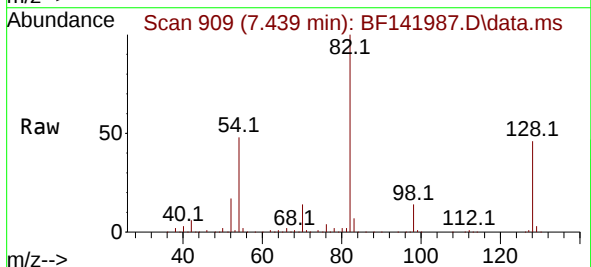
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 582481
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.8 5.8 8.8
68 4.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 97.020 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

Tgt Ion: 82 Resp: 1004203
Ion Ratio Lower Upper
82 100
128 45.7 36.0 54.0
54 48.1 39.6 59.4

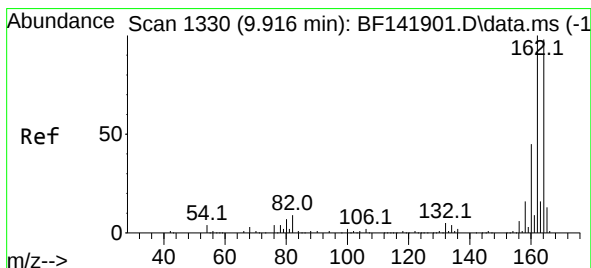
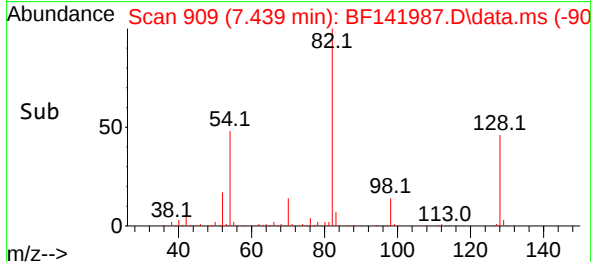
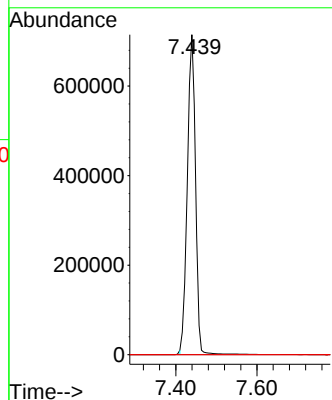
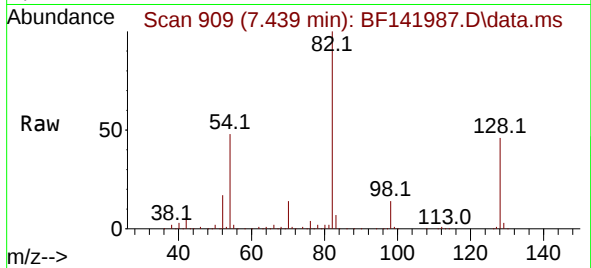




#25
Isophorone
Concen: 54.387 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

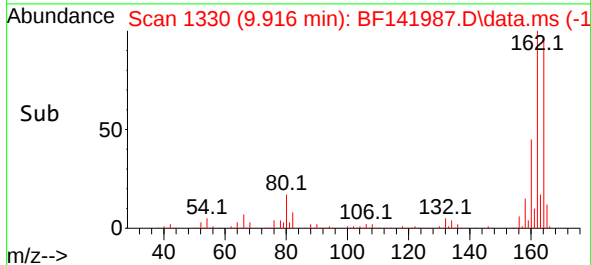
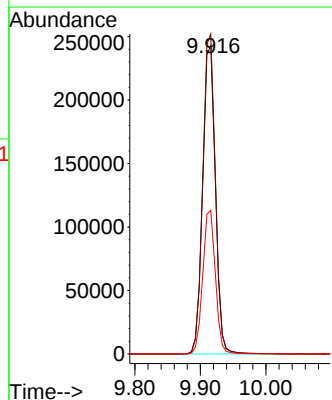
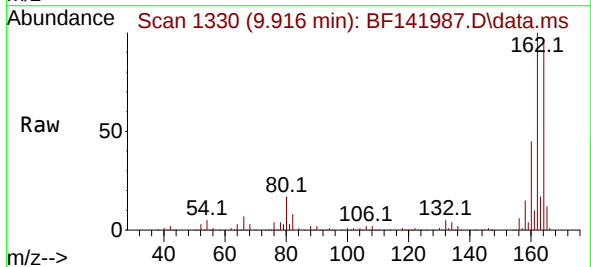
Instrument :
BNA_F
ClientSampleId :

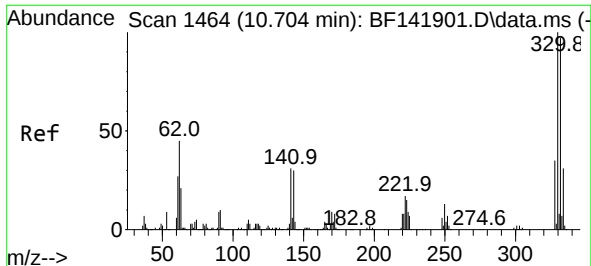
Tgt Ion: 82 Resp: 995061
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

Tgt Ion:164 Resp: 328657
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 46.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 148.977 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

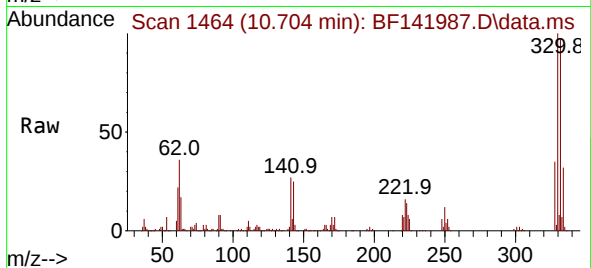
Lab File: BF141987.D

Acq: 18 Mar 2025 10:30

Instrument :

BNA_F

ClientSampleId :



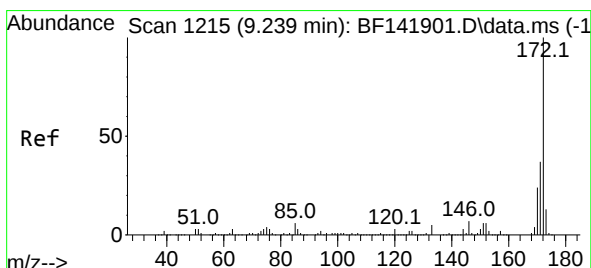
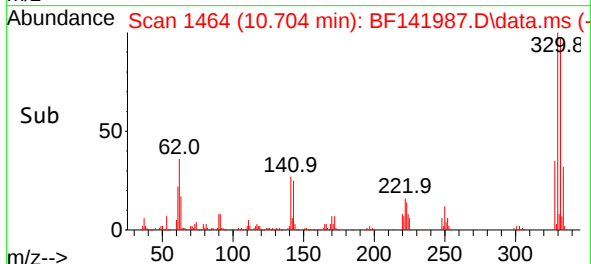
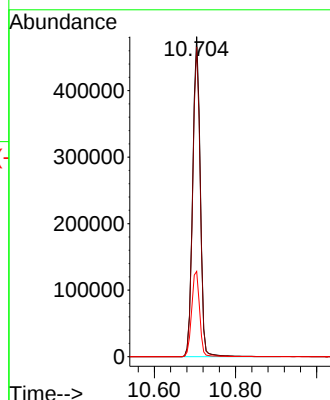
Tgt Ion:330 Resp: 621152

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 28.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 96.446 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141987.D

Acq: 18 Mar 2025 10:30

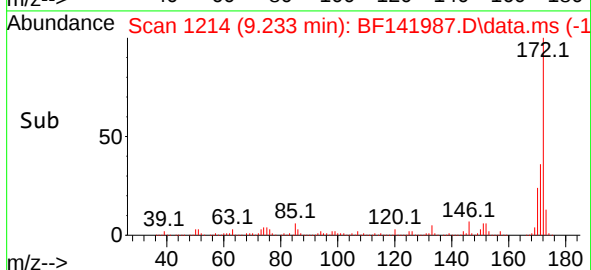
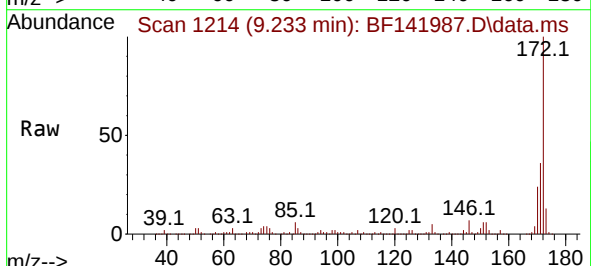
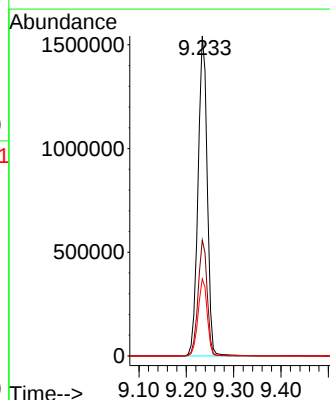
Tgt Ion:172 Resp: 2084258

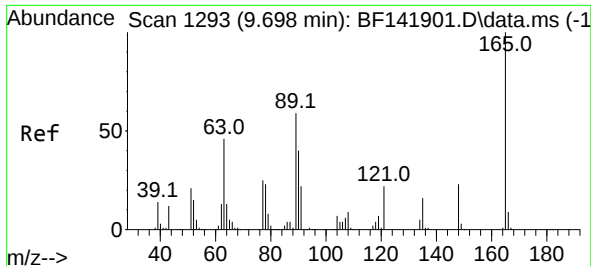
Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

170 24.1 19.4 29.0

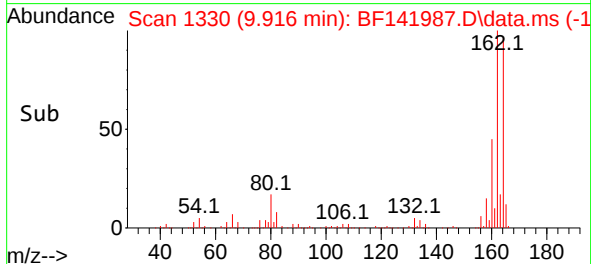
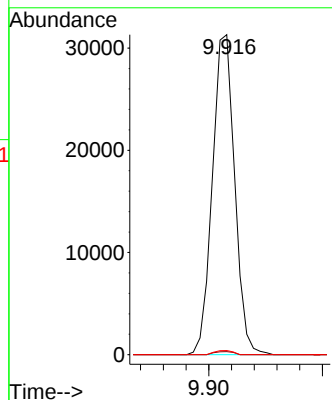
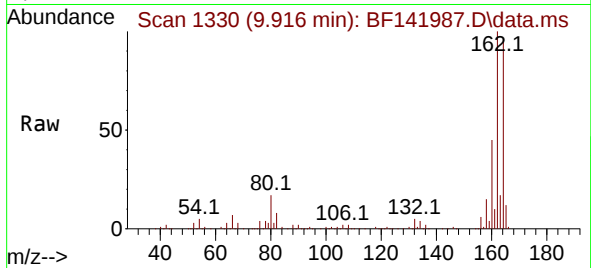




#51
2,6-Dinitrotoluene
Concen: 8.902 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

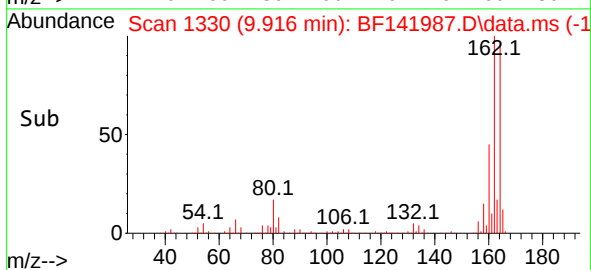
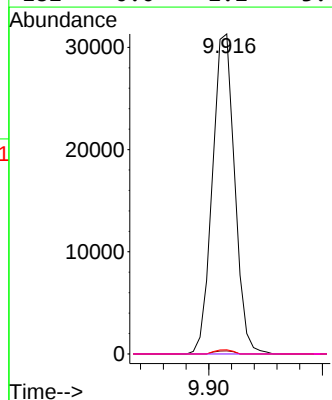
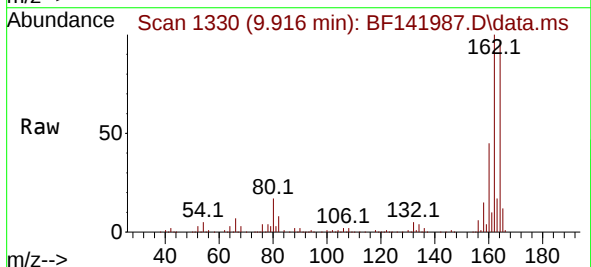
Instrument :
BNA_F
ClientSampleId :

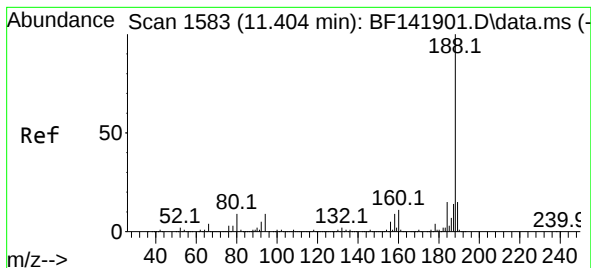
Tgt Ion:165 Resp: 42657
Ion Ratio Lower Upper
165 100
63 0.9 47.0 70.4#
89 1.3 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.816 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF141987.D
Acq: 18 Mar 2025 10:30

Tgt Ion:165 Resp: 42657
Ion Ratio Lower Upper
165 100
63 0.9 35.4 53.2#
89 1.3 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: BF141987.D

Acq: 18 Mar 2025 10:30

Instrument :

BNA_F

ClientSampleId :

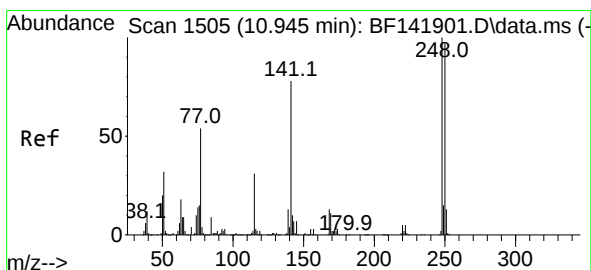
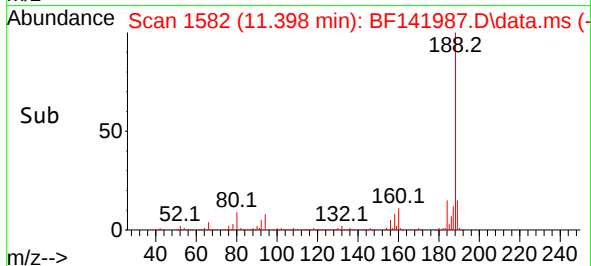
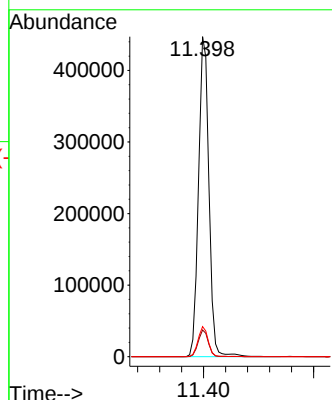
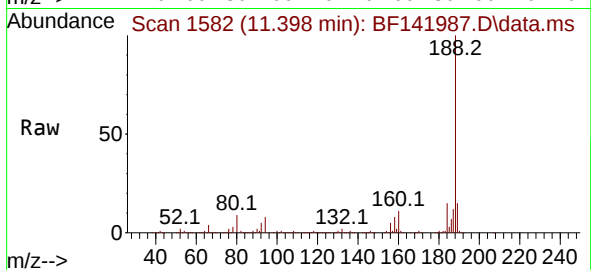
Tgt Ion:188 Resp: 587512

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

80 9.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.180 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF141987.D

Acq: 18 Mar 2025 10:30

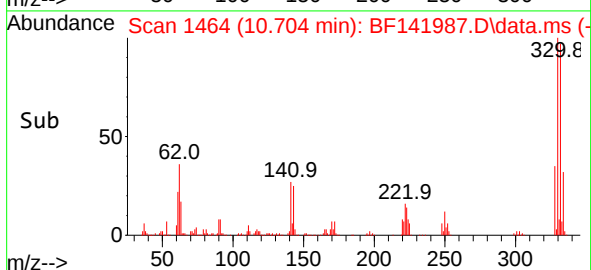
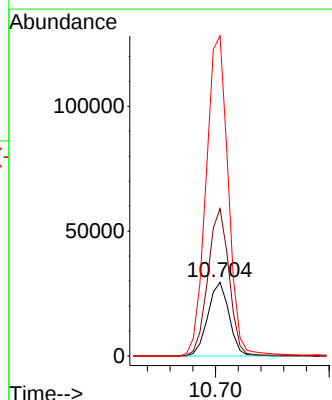
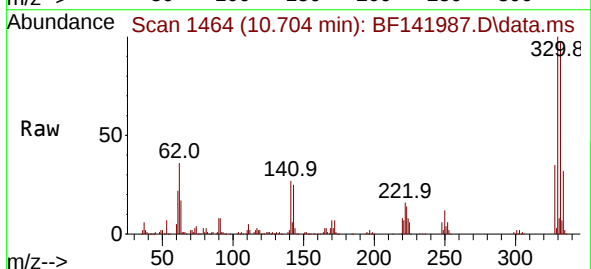
Tgt Ion:248 Resp: 38219

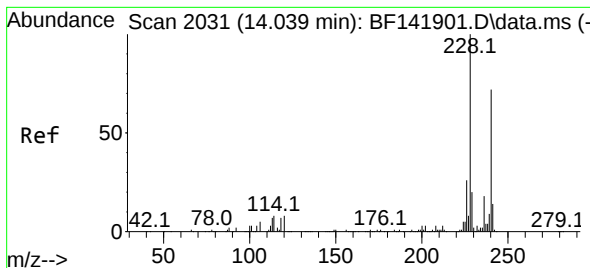
Ion Ratio Lower Upper

248 100

250 200.2 77.8 116.8#

141 434.7 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

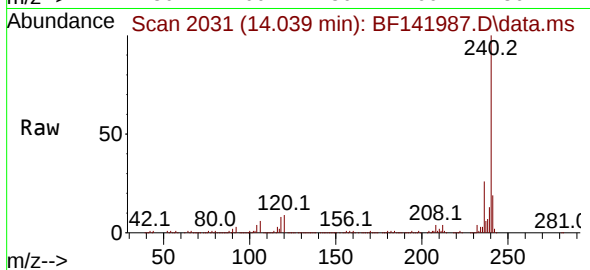
Lab File: BF141987.D

Acq: 18 Mar 2025 10:30

Instrument :

BNA_F

ClientSampleId :



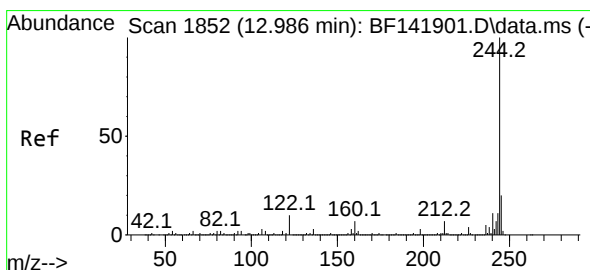
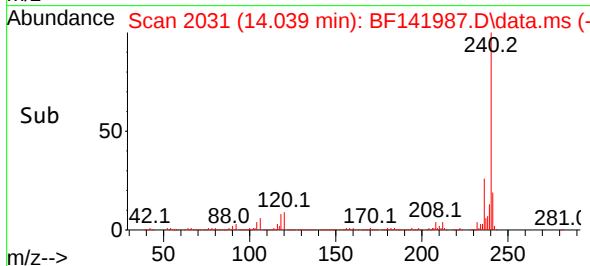
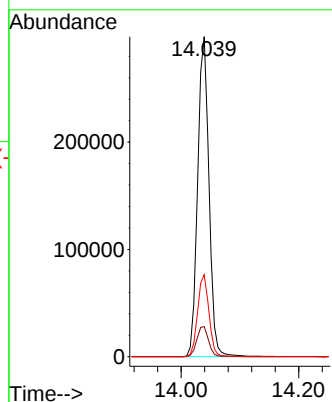
Tgt Ion:240 Resp: 398767

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 100.695 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141987.D

Acq: 18 Mar 2025 10:30

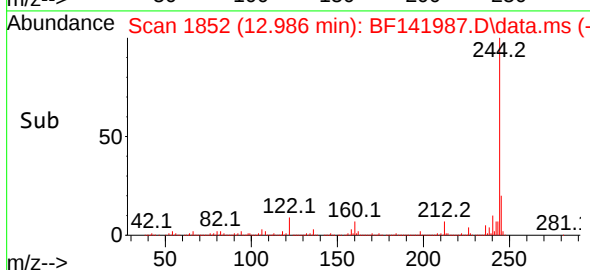
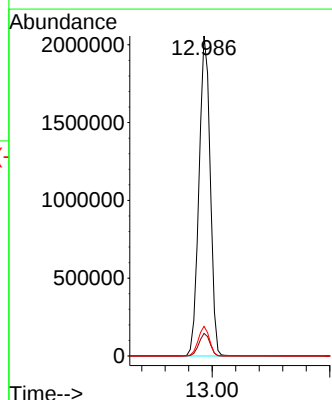
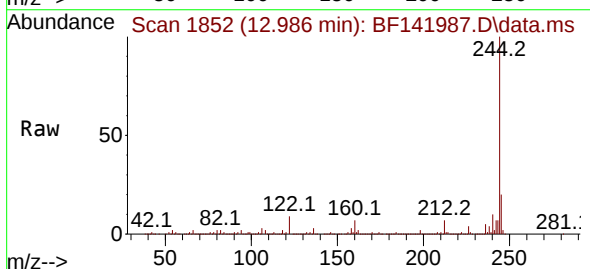
Tgt Ion:244 Resp: 2715937

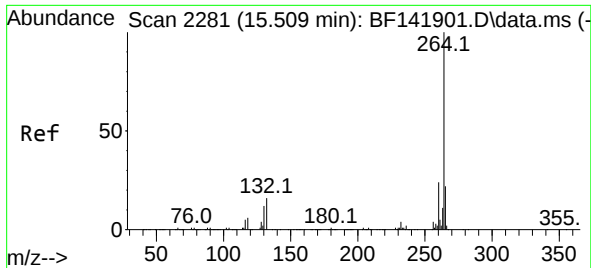
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

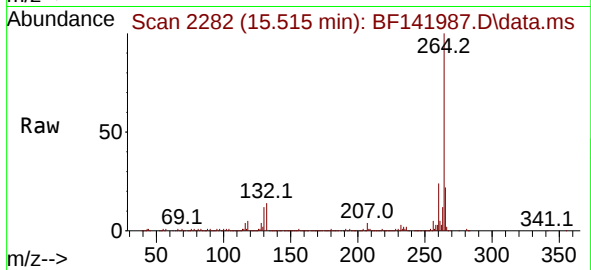
122 9.2 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF141987.D
 Acq: 18 Mar 2025 10:30

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 350327
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.6 17.5 26.3

