

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142083.D
 Acq On : 25 Mar 2025 17:39
 Operator : RC/JU
 Sample : Q1609-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCRN-01-C

Quant Time: Mar 25 18:34:37 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)

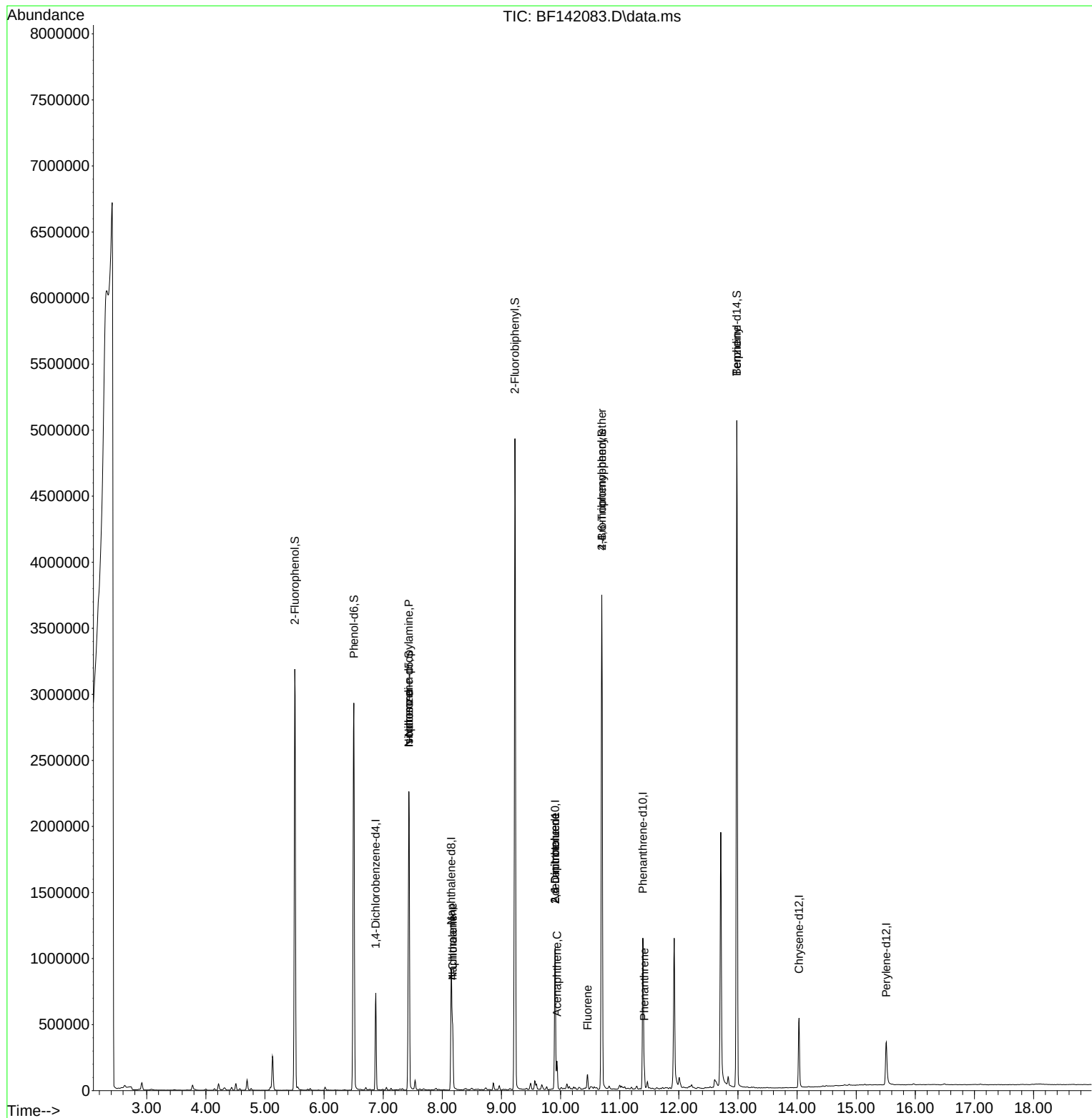
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	156009	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	600928	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	342469	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	587499	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	276694	20.000	ng	0.00
86) Perylene-d12	15.510	264	245538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1320889	141.307	ng	0.01
7) Phenol-d6	6.504	99	1590969	133.676	ng	0.00
23) Nitrobenzene-d5	7.434	82	1096608	102.696	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	761406	175.251	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2288298	101.617	ng	-0.01
79) Terphenyl-d14	12.980	244	2626097	140.320	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	153443	20.064	ng	# 77
25) Isophorone	7.434	82	1081369	57.289	ng	# 64
31) Naphthalene	8.175	128	301104	9.754	ng	99
33) 4-Chloroaniline	8.175	127	38453	3.529	ng	# 33
51) 2,6-Dinitrotoluene	9.910	165	45576	9.127	ng	# 23
52) Acenaphthene	9.939	154	63995	3.164	ng	99
57) 2,4-Dinitrotoluene	9.910	165	45632	6.997	ng	# 25
58) Fluorene	10.457	166	47576	2.135	ng	99
67) 4-Bromophenyl-phenylether	10.698	248	46137	6.253	ng	# 1
71) Phenanthrene	11.416	178	79313	2.499	ng	99
77) Benzidine	12.980	184	35863	9.290	ng	# 90

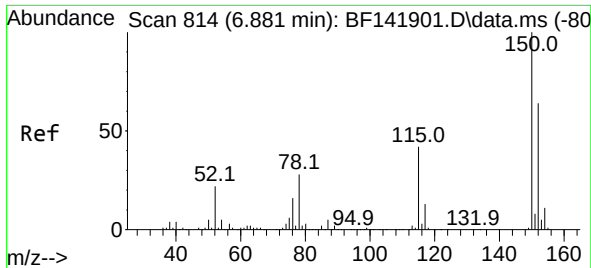
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
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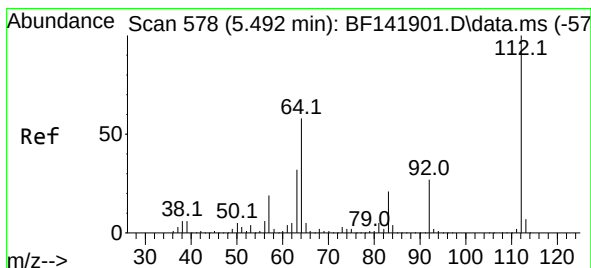
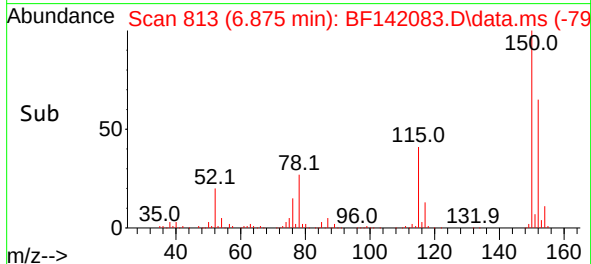
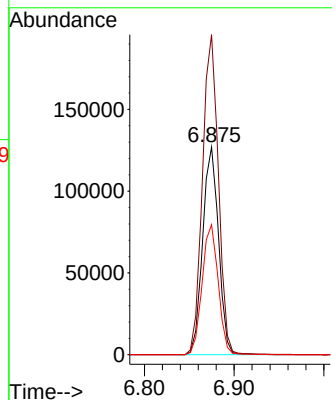
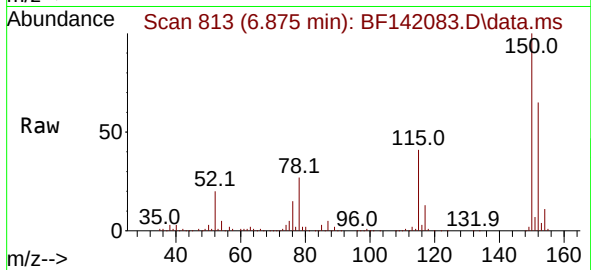




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

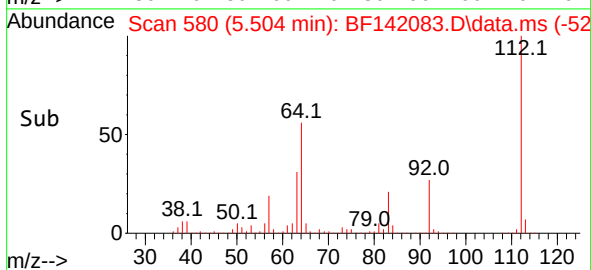
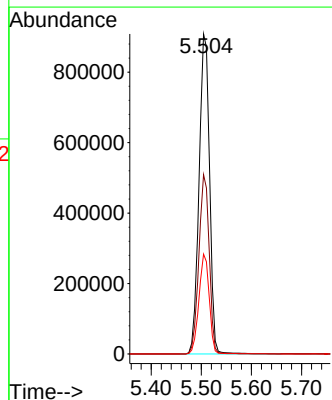
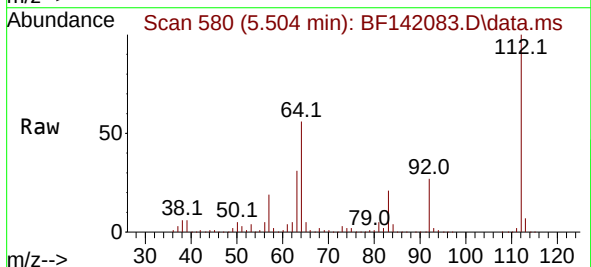
Instrument :
BNA_F
ClientSampleId :
WC-SCRN-01-C

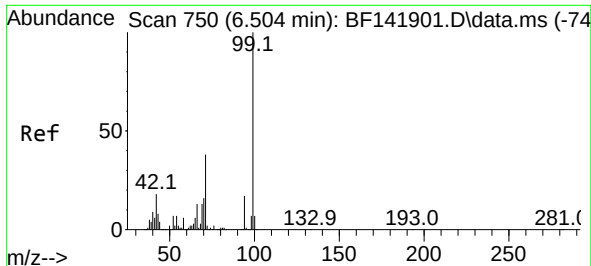
Tgt Ion:152 Resp: 156009
Ion Ratio Lower Upper
152 100
150 154.0 127.4 191.2
115 62.5 51.9 77.9



#5
2-Fluorophenol
Concen: 141.307 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

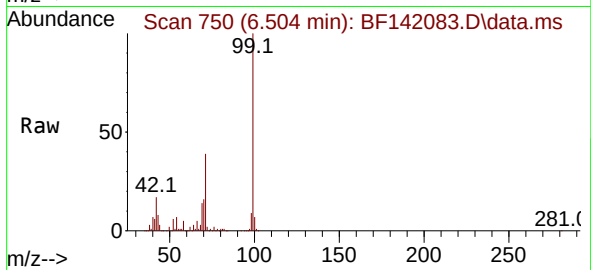
Tgt Ion:112 Resp: 1320889
Ion Ratio Lower Upper
112 100
64 56.0 46.5 69.7
63 31.2 25.4 38.2





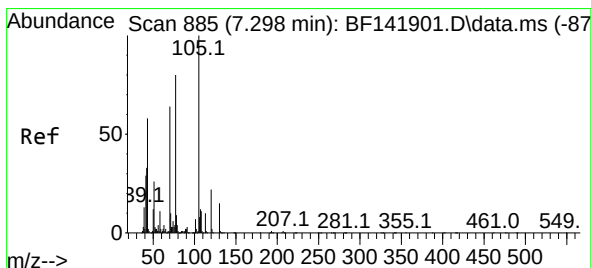
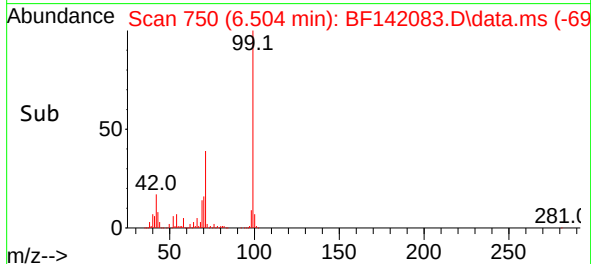
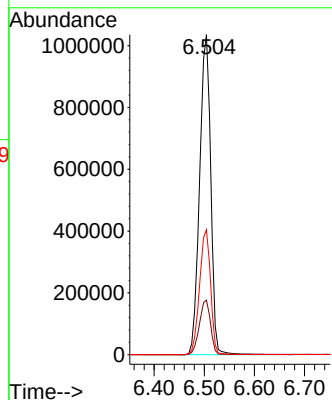
#7
Phenol-d6
Concen: 133.676 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

Instrument :
BNA_F
ClientSampleId :
WC-SCRN-01-C



Tgt Ion: 99 Resp: 1590969

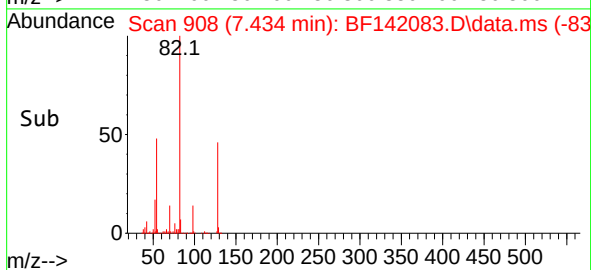
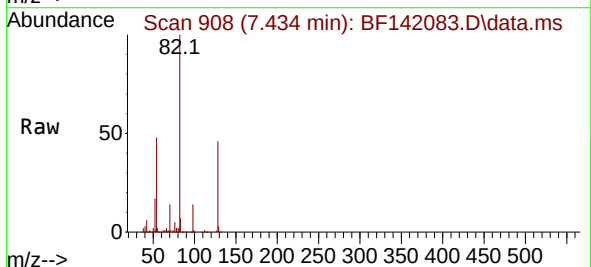
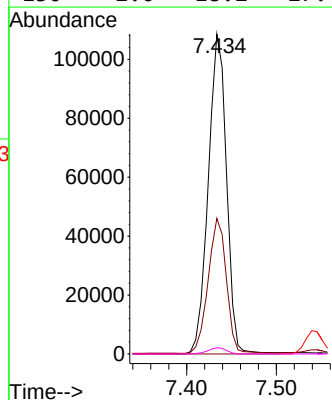
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.6	21.8
71	39.0	30.8	46.2

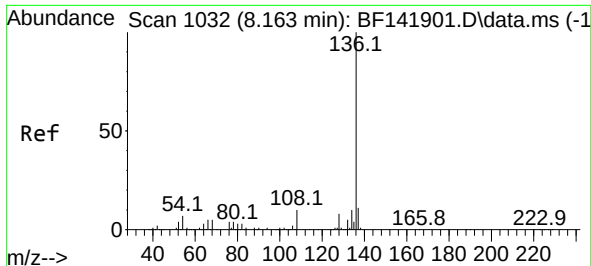


#19
n-Nitroso-di-n-propylamine
Concen: 20.064 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

Tgt Ion: 70 Resp: 153443

Ion	Ratio	Lower	Upper
70	100		
42	42.4	41.4	62.0
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#

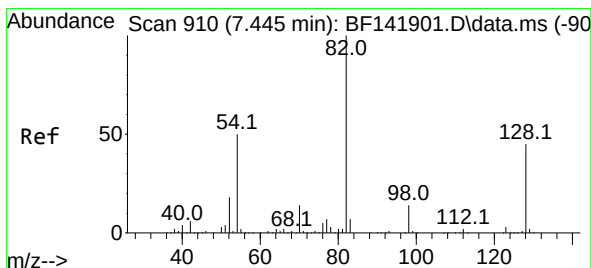
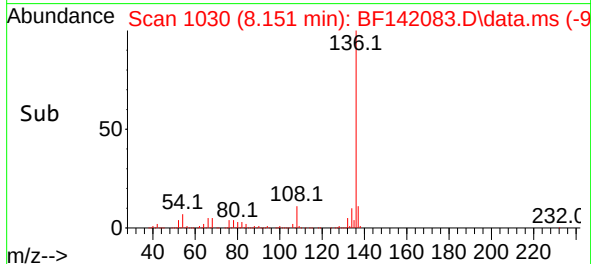
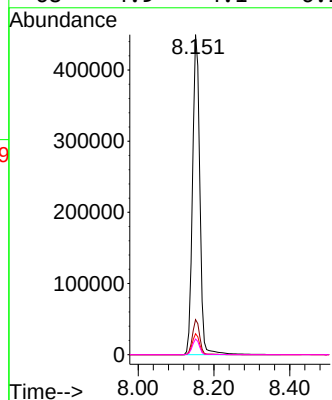
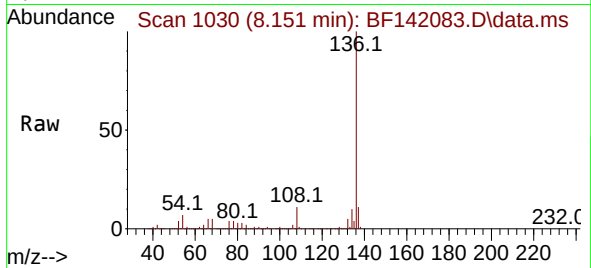




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

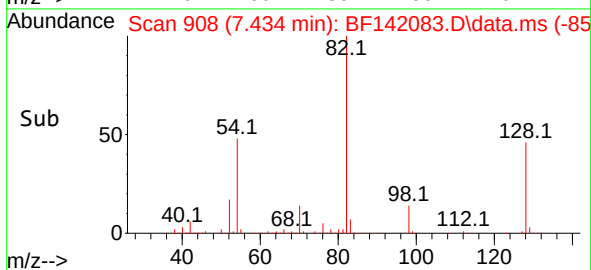
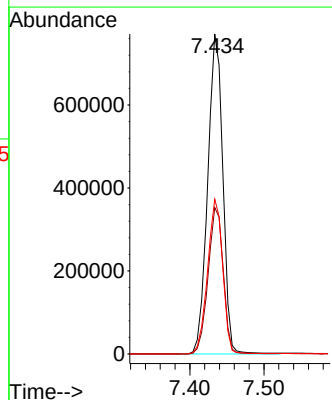
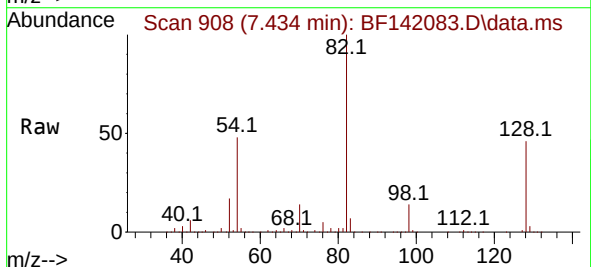
Instrument :
BNA_F
ClientSampleId :
WC-SCRN-01-C

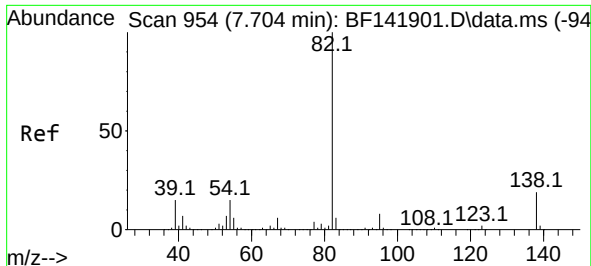
Tgt Ion:136 Resp: 600928
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.8 8.8
68 4.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 102.696 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

Tgt Ion: 82 Resp: 1096608
Ion Ratio Lower Upper
82 100
128 45.8 36.0 54.0
54 48.4 39.6 59.4

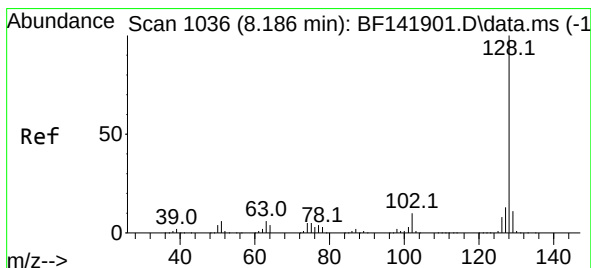
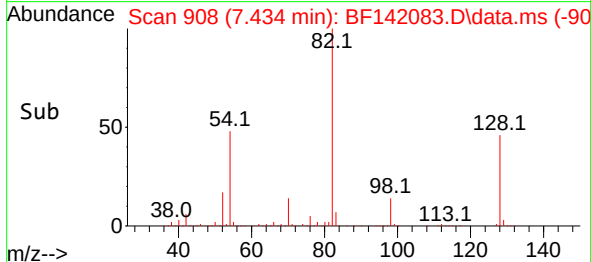
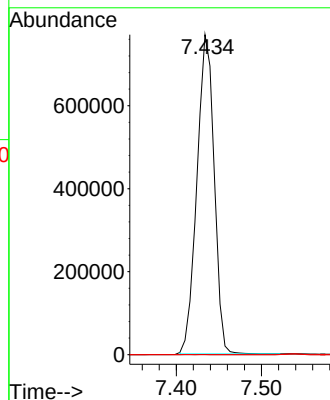
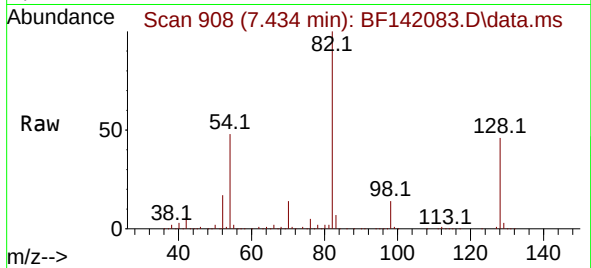




#25
Isophorone
Concen: 57.289 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

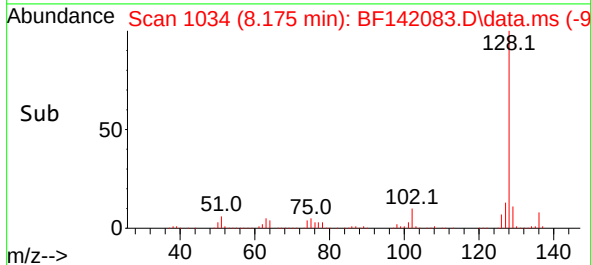
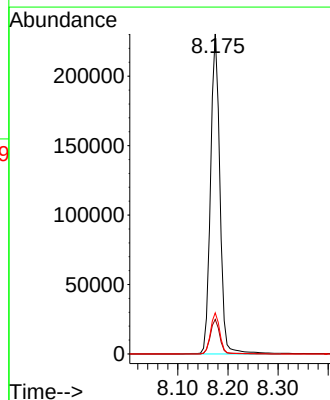
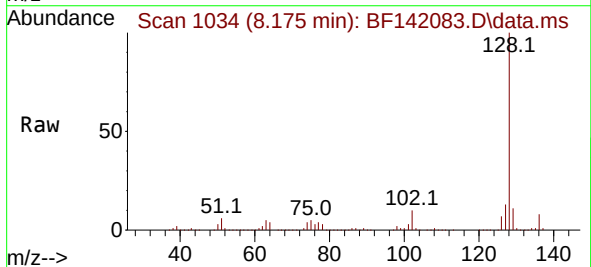
Instrument :
BNA_F
ClientSampleId :
WC-SCRN-01-C

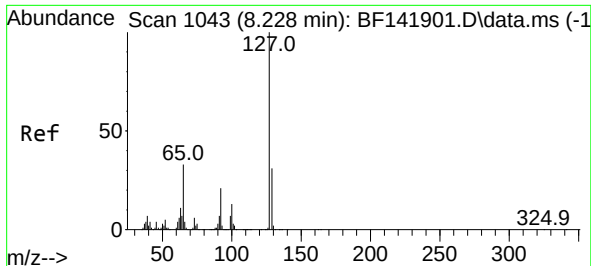
Tgt Ion: 82 Resp: 1081369
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 9.754 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

Tgt Ion:128 Resp: 301104
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.8 10.8 16.2

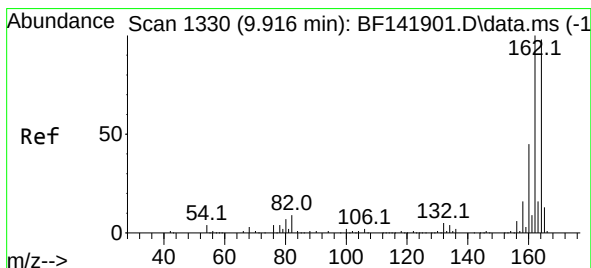
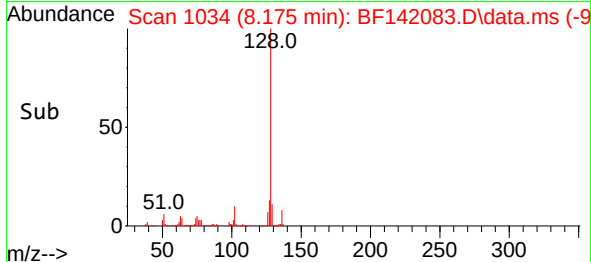
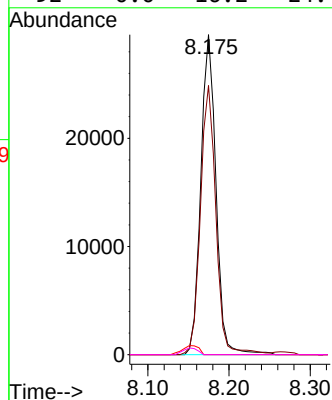
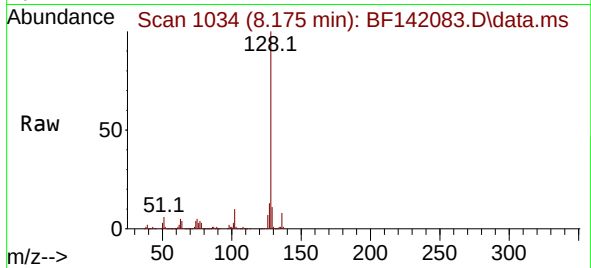




#33
4-Chloroaniline
Concen: 3.529 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.053 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

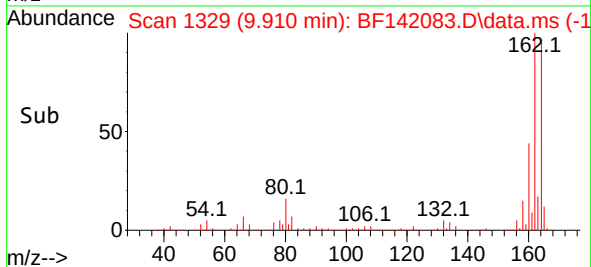
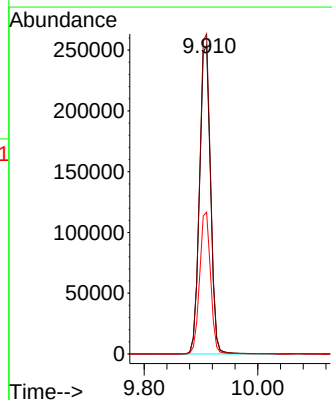
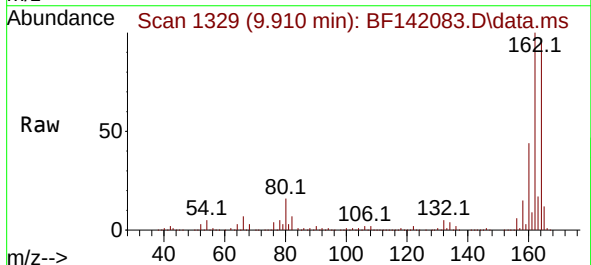
Instrument :
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ClientSampleId :
WC-SCRN-01-C

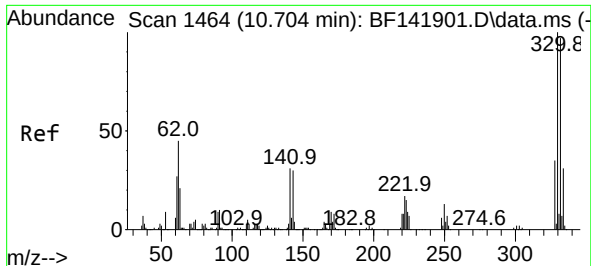
Tgt Ion:127	Resp:	38453
Ion Ratio	Lower	Upper
127	100	
129	84.1	26.2 39.4#
65	0.0	25.4 38.2#
92	0.0	16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

Tgt Ion:164	Resp:	342469
Ion Ratio	Lower	Upper
164	100	
162	103.8	81.8 122.6
160	46.0	36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 175.251 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142083.D

Acq: 25 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

WC-SCRN-01-C

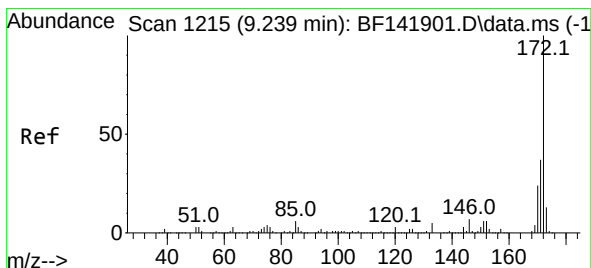
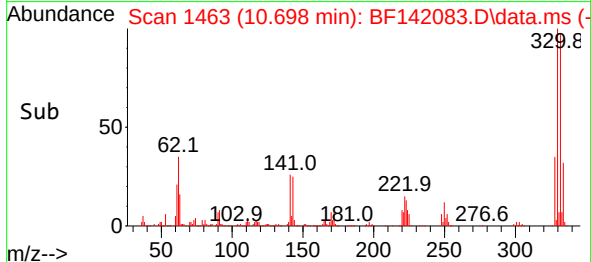
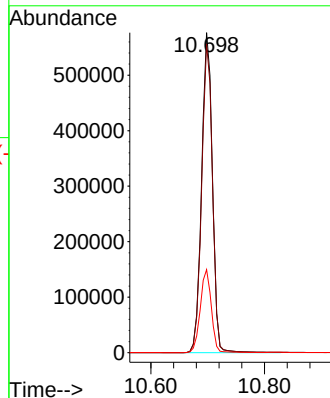
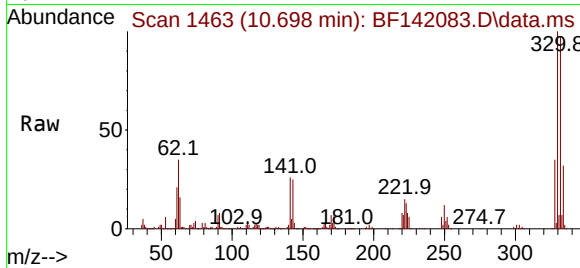
Tgt Ion:330 Resp: 761406

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

141 26.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 101.617 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142083.D

Acq: 25 Mar 2025 17:39

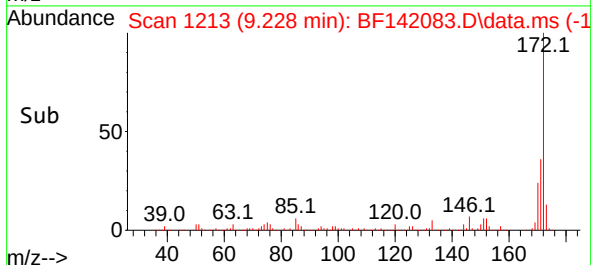
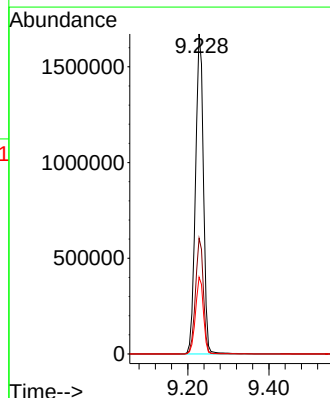
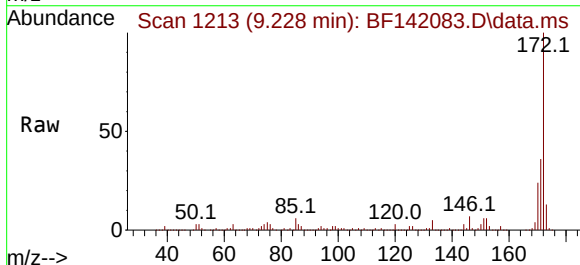
Tgt Ion:172 Resp: 2288298

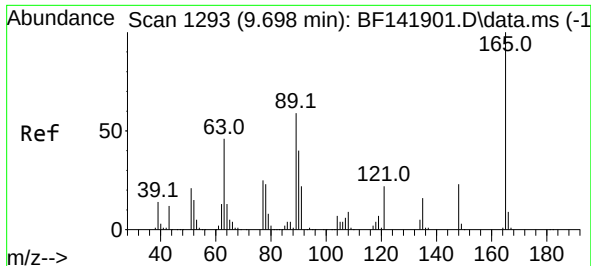
Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

170 24.0 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 9.127 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF142083.D

Acq: 25 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

WC-SCRN-01-C

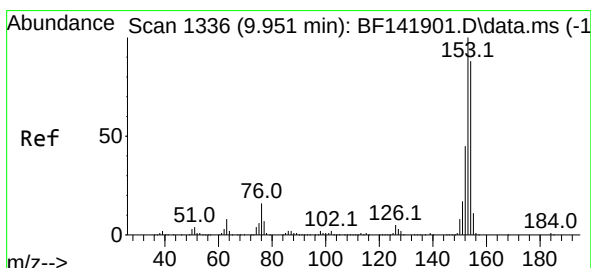
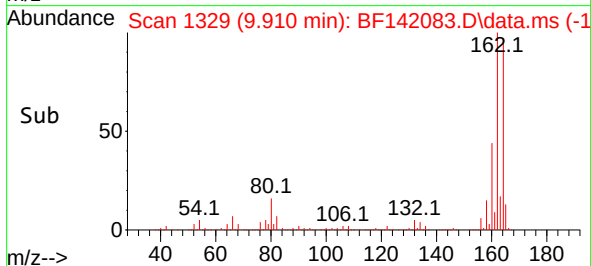
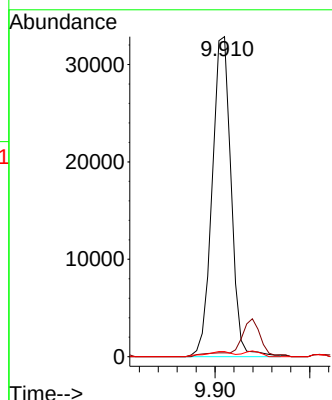
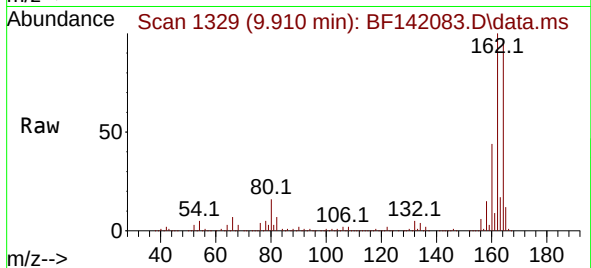
Tgt Ion:165 Resp: 45576

Ion Ratio Lower Upper

165 100

63 1.2 47.0 70.4#

89 1.6 47.4 71.2#



#52

Acenaphthene

Concen: 3.164 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BF142083.D

Acq: 25 Mar 2025 17:39

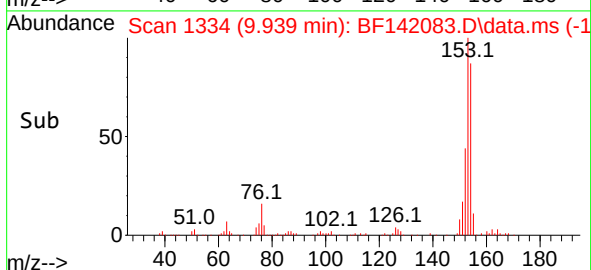
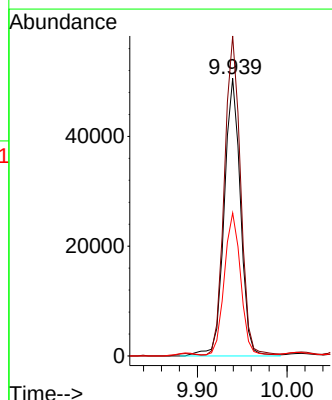
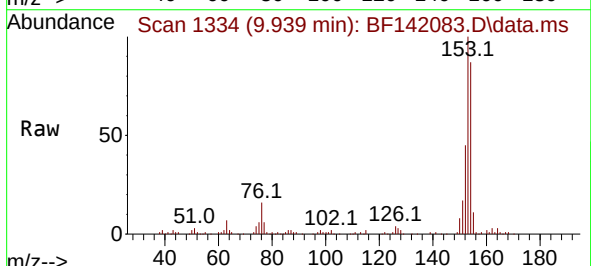
Tgt Ion:154 Resp: 63995

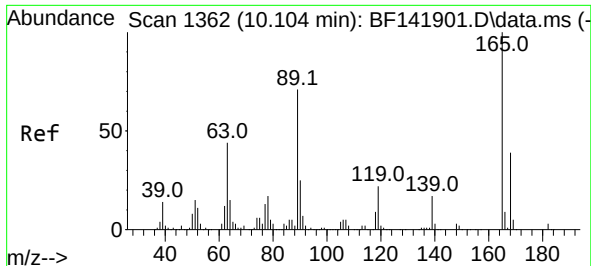
Ion Ratio Lower Upper

154 100

153 115.3 90.7 136.1

152 51.6 41.1 61.7

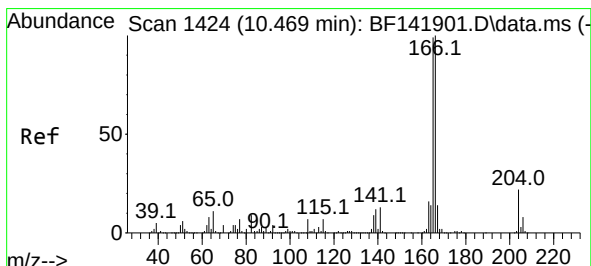
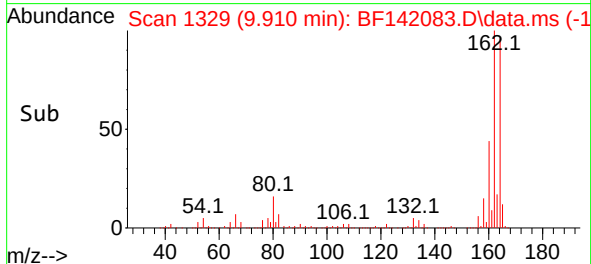
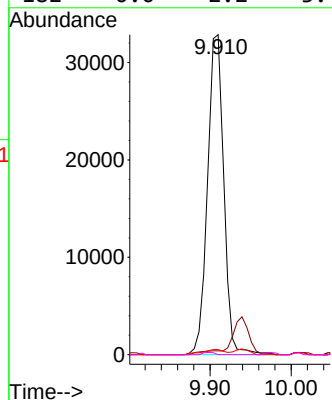
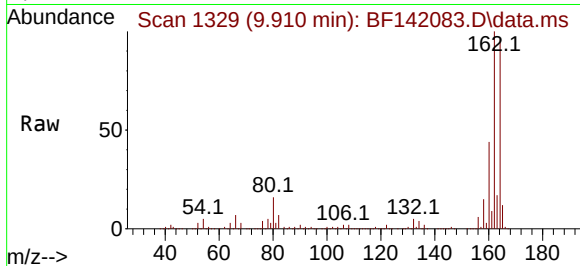




#57
2,4-Dinitrotoluene
Concen: 6.997 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

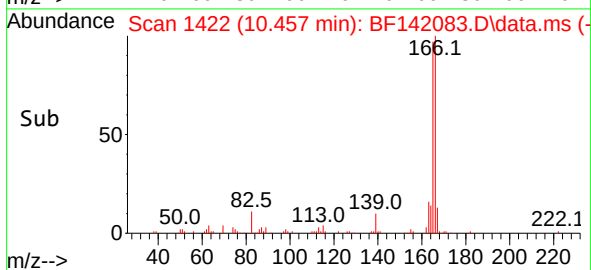
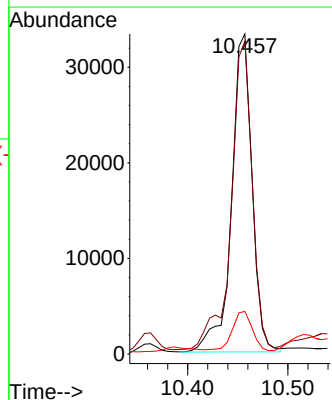
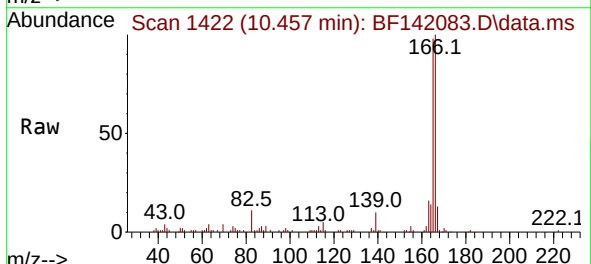
Instrument :
BNA_F
ClientSampleId :
WC-SCRN-01-C

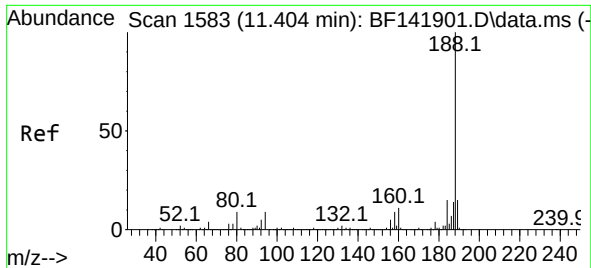
Tgt Ion:165 Resp: 45632
Ion Ratio Lower Upper
165 100
63 1.2 35.4 53.2#
89 1.6 56.6 84.8#
182 0.0 2.2 3.4#



#58
Fluorene
Concen: 2.135 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

Tgt Ion:166 Resp: 47576
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.4
167 13.3 11.0 16.4

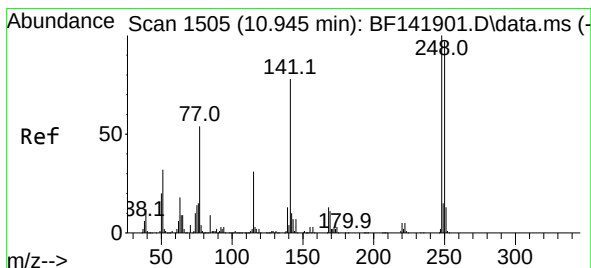
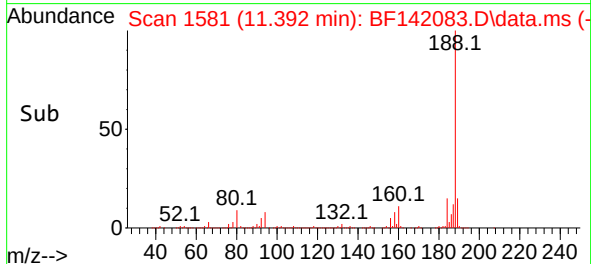
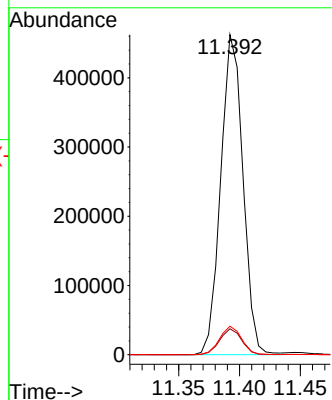
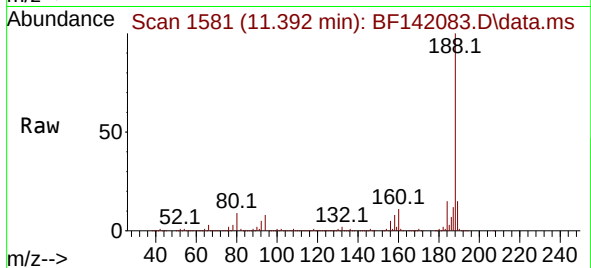




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

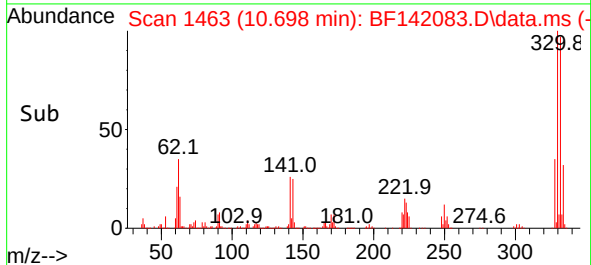
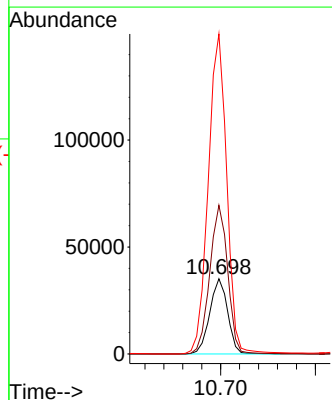
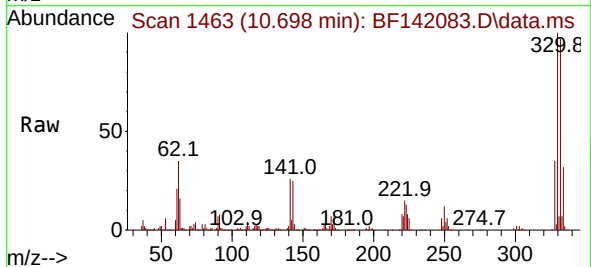
Instrument :
BNA_F
ClientSampleId :
WC-SCRN-01-C

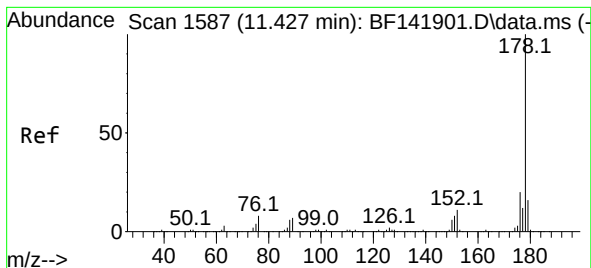
Tgt Ion:188 Resp: 587499
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 6.253 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

Tgt Ion:248 Resp: 46137
Ion Ratio Lower Upper
248 100
250 197.8 77.8 116.8#
141 425.9 62.6 93.8#

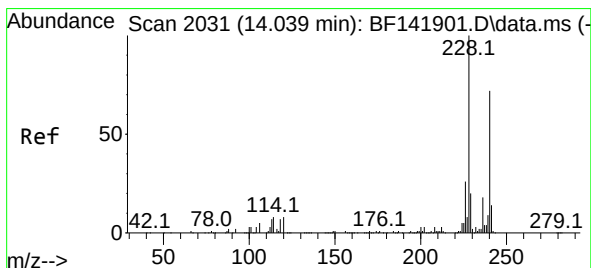
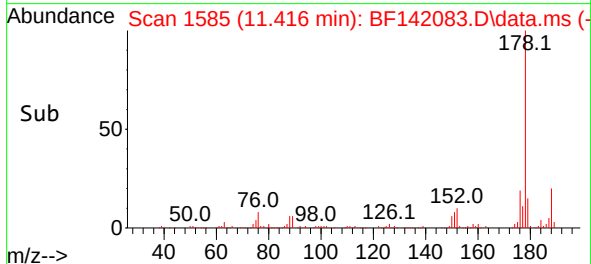
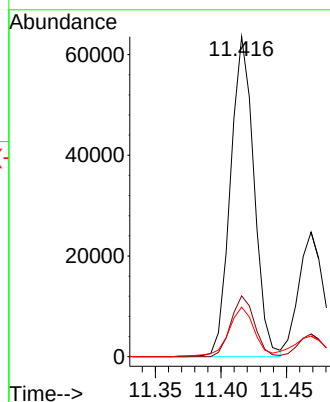
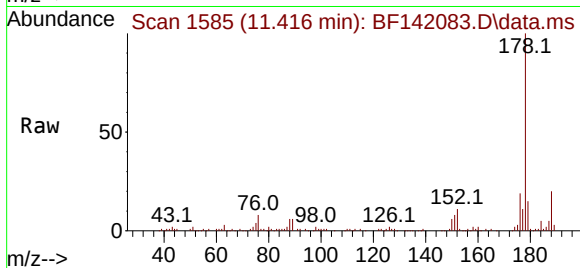




#71
Phenanthrene
Concen: 2.499 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

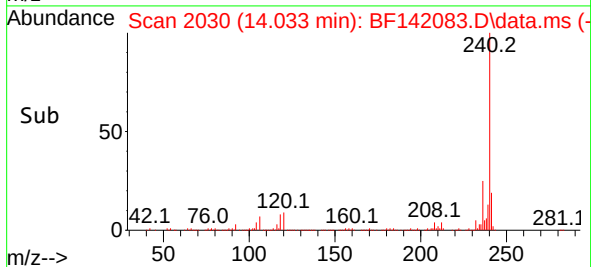
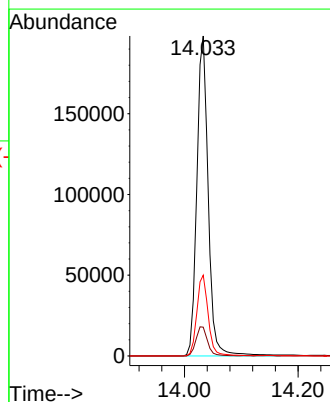
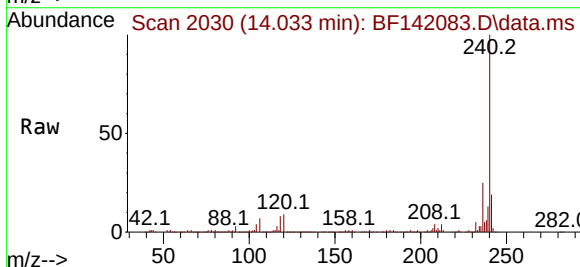
Instrument :
BNA_F
ClientSampleId :
WC-SCRN-01-C

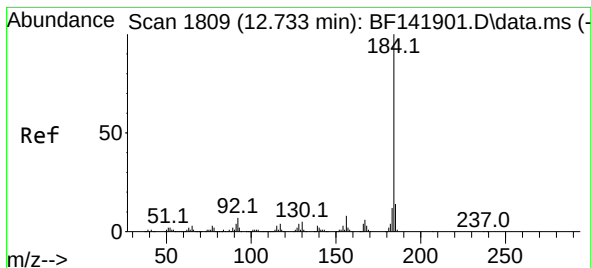
Tgt Ion:178 Resp: 79313
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.5 12.6 19.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142083.D
Acq: 25 Mar 2025 17:39

Tgt Ion:240 Resp: 276694
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.3 20.5 30.7





#77

Benzidine

Concen: 9.290 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF142083.D

Acq: 25 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

WC-SCRN-01-C

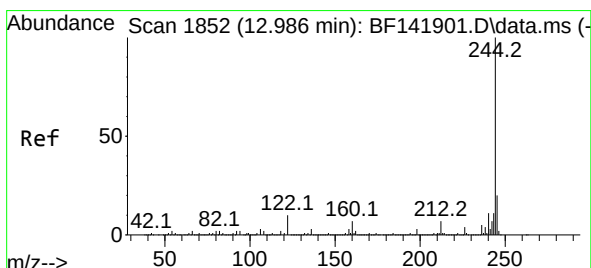
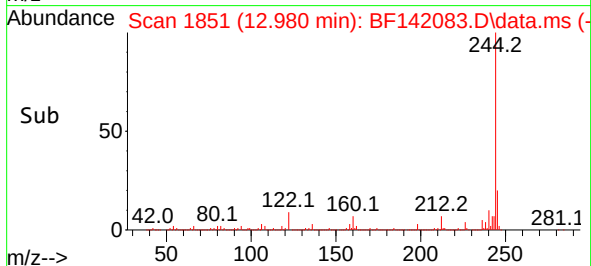
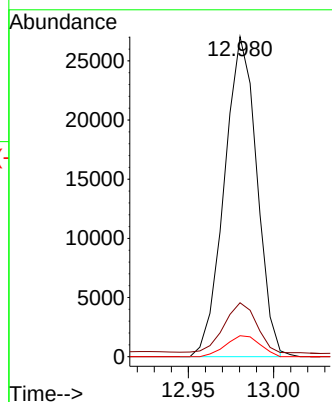
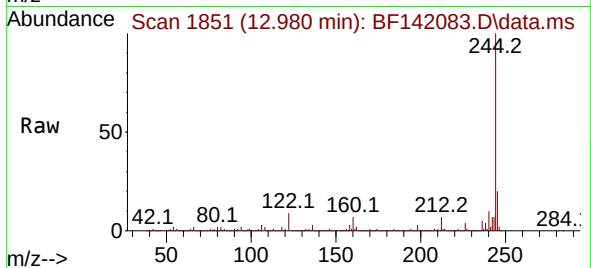
Tgt Ion:184 Resp: 35863

Ion Ratio Lower Upper

184 100

185 16.9 11.5 17.3

183 6.5 9.7 14.5#



#79

Terphenyl-d14

Concen: 140.320 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142083.D

Acq: 25 Mar 2025 17:39

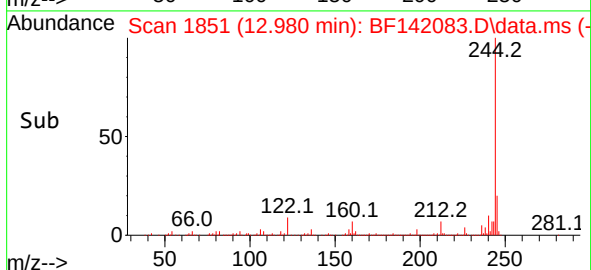
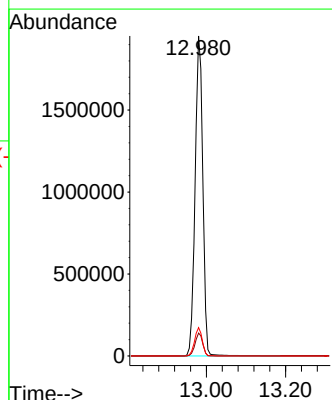
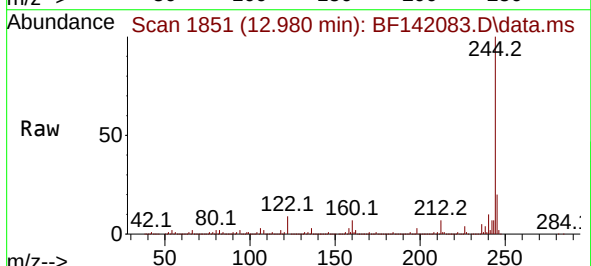
Tgt Ion:244 Resp: 2626097

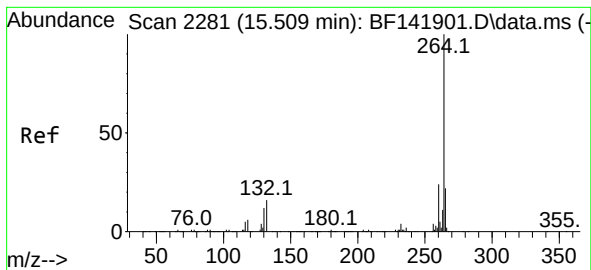
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 8.8 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: BF142083.D

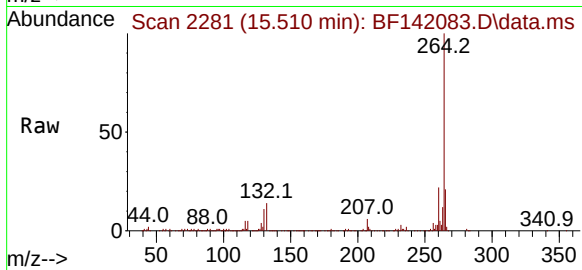
Acq: 25 Mar 2025 17:39

Instrument :

BNA_F

ClientSampleId :

WC-SCRN-01-C



Tgt Ion:264 Resp: 245538

Ion Ratio Lower Upper

264 100

260 22.5 19.1 28.7

265 21.0 17.5 26.3

