

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141536.D
 Acq On : 10 Feb 2025 15:57
 Operator : RC/JU
 Sample : Q1322-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Feb 10 16:32:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

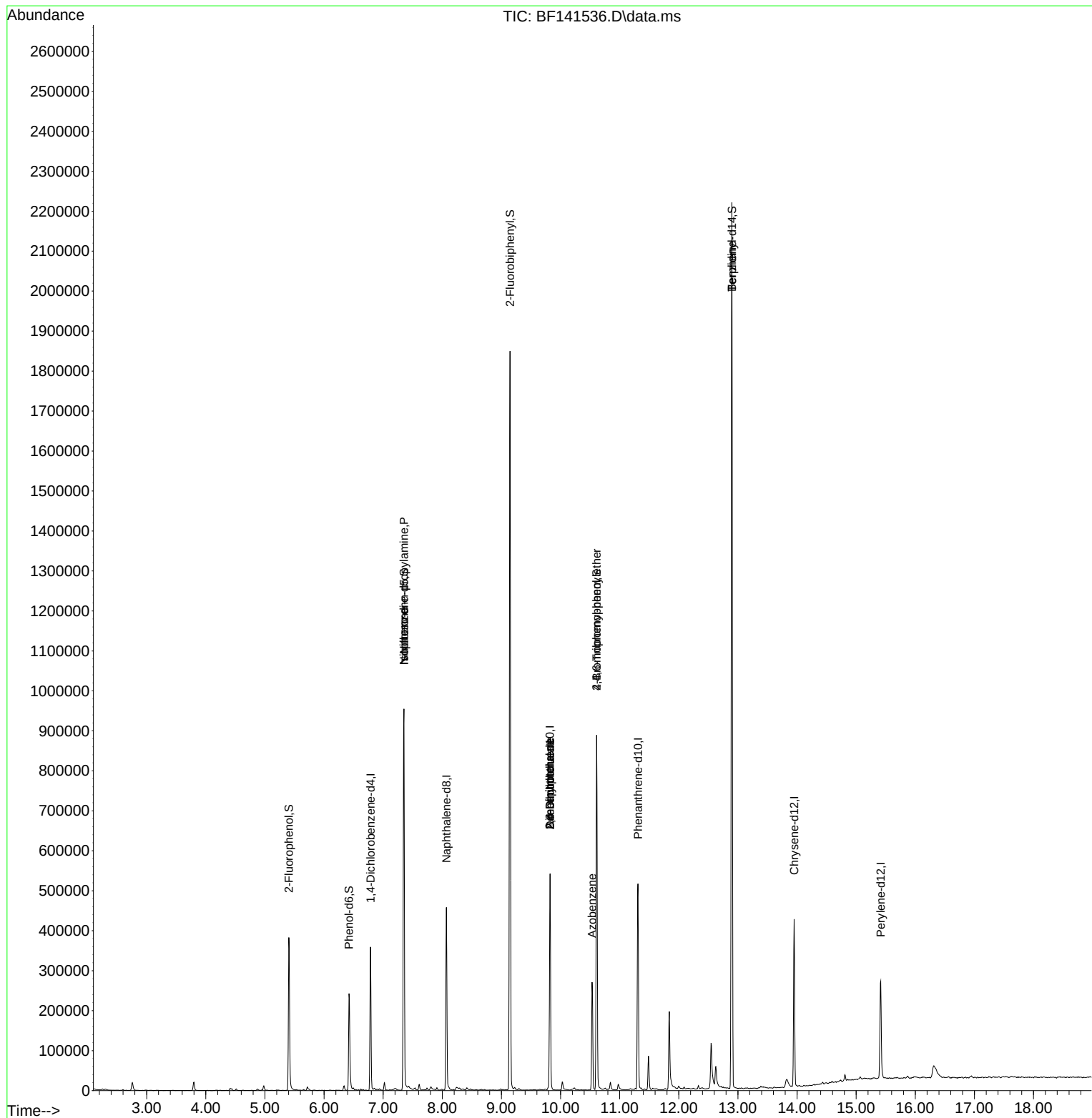
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	73137	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	289023	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	157501	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	269181	20.000	ng	0.00
76) Chrysene-d12	13.951	240	202540	20.000	ng	-0.01
86) Perylene-d12	15.416	264	146679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	149509	32.048	ng	0.00
7) Phenol-d6	6.422	99	114523	19.423	ng	-0.02
23) Nitrobenzene-d5	7.351	82	423571	76.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	135666	85.747	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	801121	78.364	ng	0.00
79) Terphenyl-d14	12.898	244	1069592	89.151	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	58153	16.488	ng	# 75
25) Isophorone	7.351	82	410373	46.446	ng	# 66
50) Dimethylphthalate	9.822	163	23420	2.190	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	20952	8.964	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	20952	6.733	ng	# 19
63) Azobenzene	10.533	77	65788	6.291	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	8930	2.968	ng	# 1
77) Benzidine	12.898	184	13990	3.132	ng	# 90

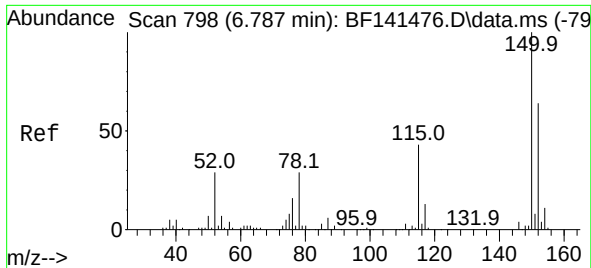
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141536.D
Acq On : 10 Feb 2025 15:57
Operator : RC/JU
Sample : Q1322-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Quant Time: Feb 10 16:32:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

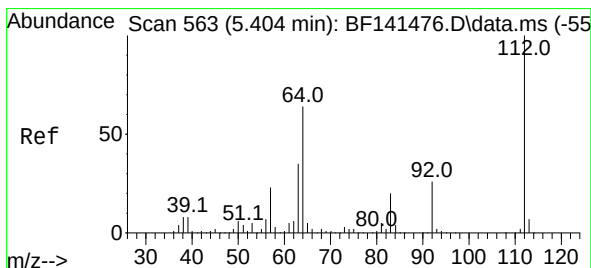
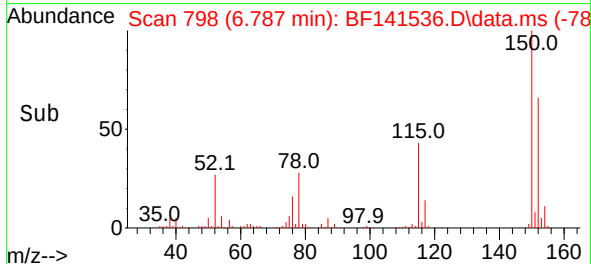
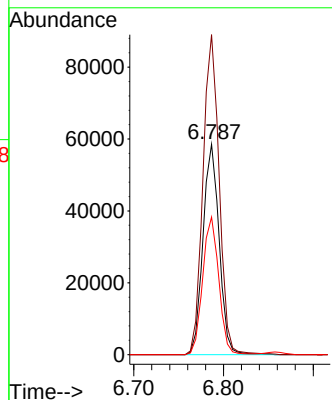
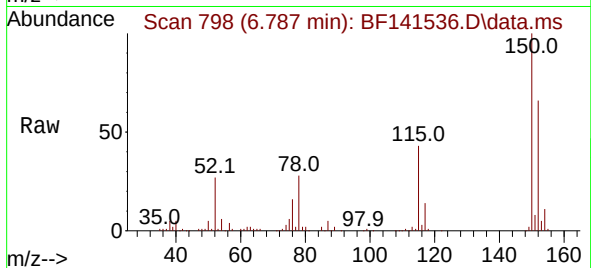




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

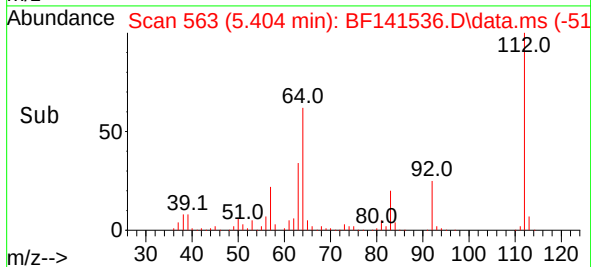
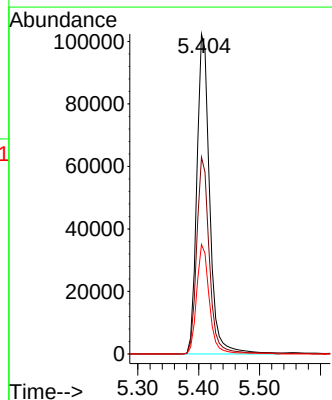
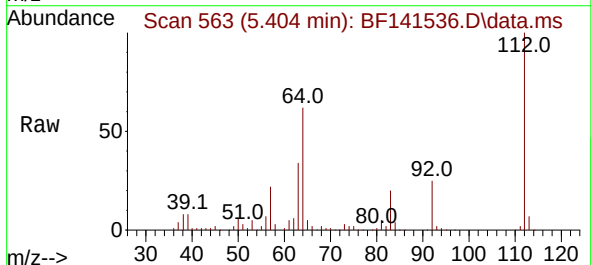
Instrument :
BNA_F
ClientSampleId :
MANHOLE

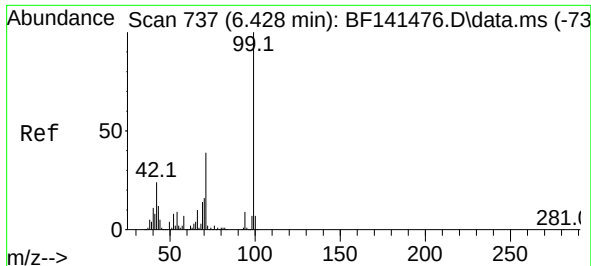
Tgt Ion:152 Resp: 73137
Ion Ratio Lower Upper
152 100
150 152.1 125.0 187.4
115 65.5 53.6 80.4



#5
2-Fluorophenol
Concen: 32.048 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

Tgt Ion:112 Resp: 149509
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 34.2 28.4 42.6

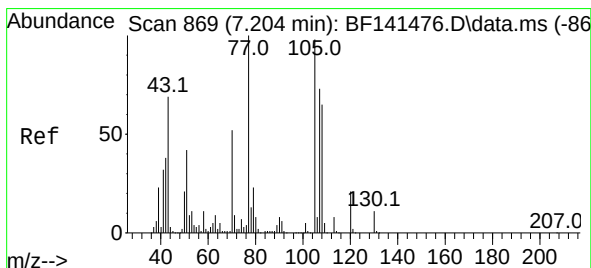
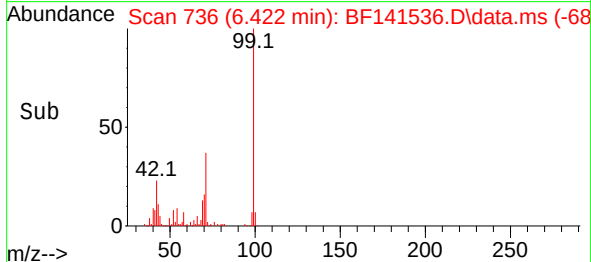
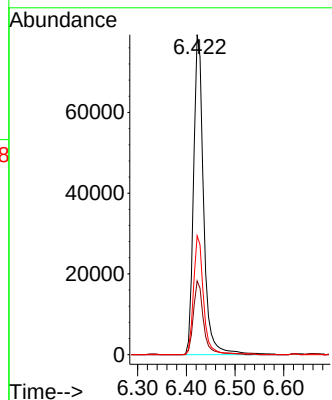
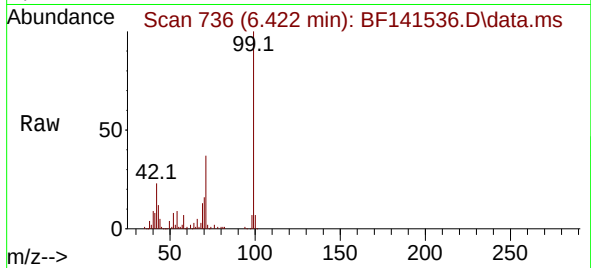




#7
Phenol-d6
Concen: 19.423 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

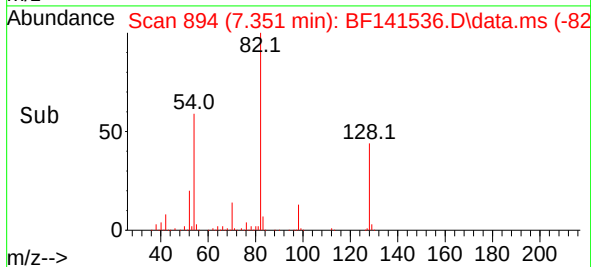
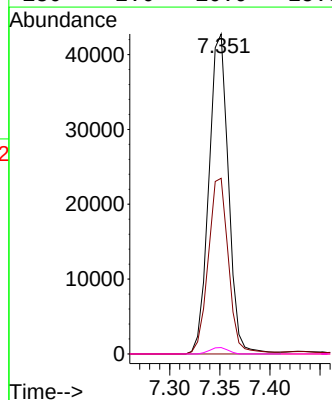
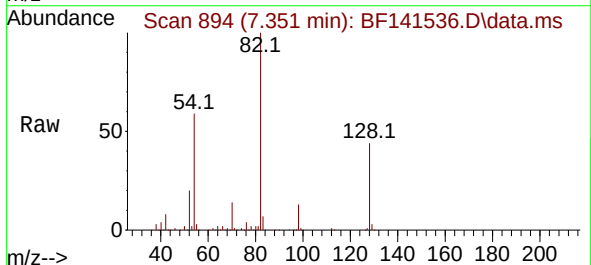
Instrument :
BNA_F
ClientSampleId :
MANHOLE

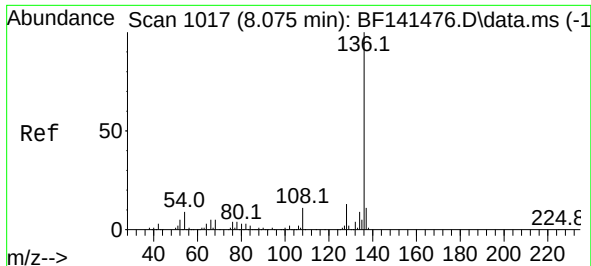
Tgt Ion: 99 Resp: 114523
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 37.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.488 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

Tgt Ion: 70 Resp: 58153
Ion Ratio Lower Upper
70 100
42 54.9 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#



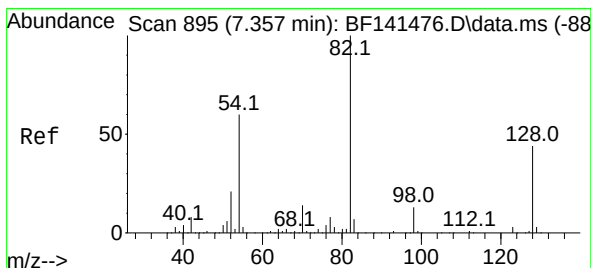
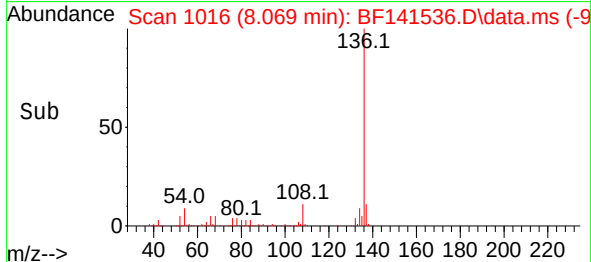
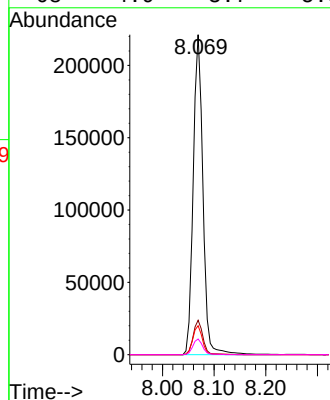
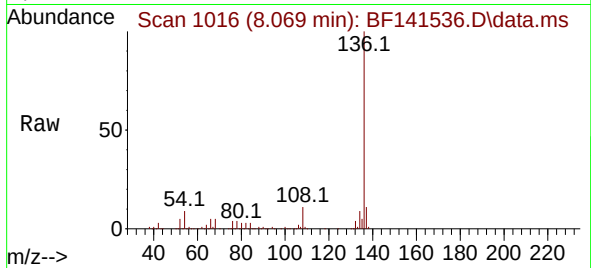


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:136 Resp: 289023

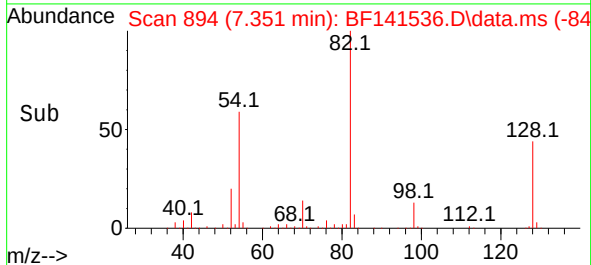
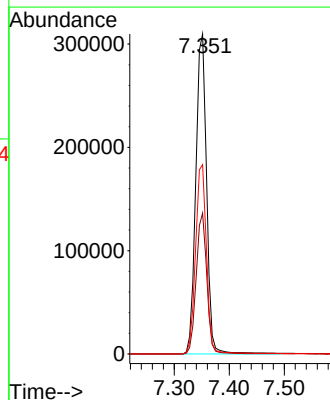
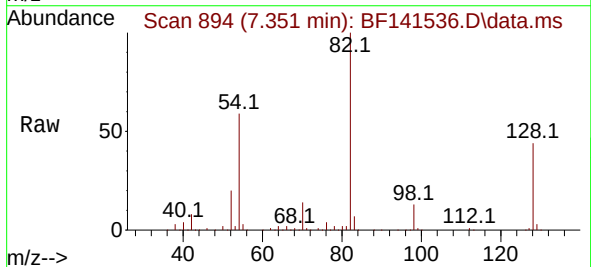
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	7.2	10.8
68	4.9	3.7	5.5

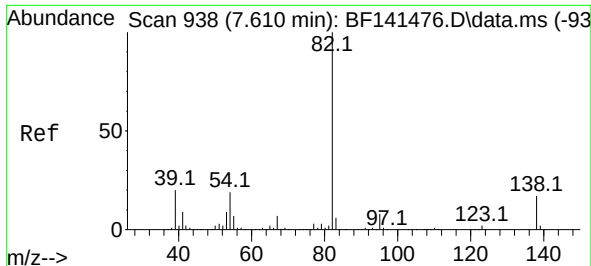


#23
Nitrobenzene-d5
Concen: 76.439 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

Tgt Ion: 82 Resp: 423571

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.8	52.2
54	59.2	48.2	72.4

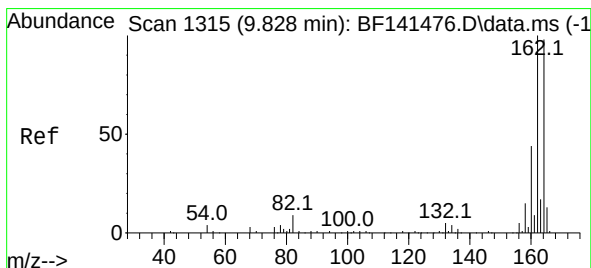
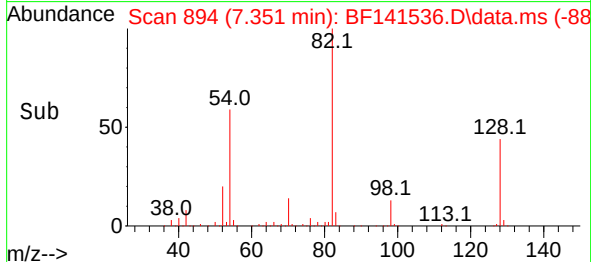
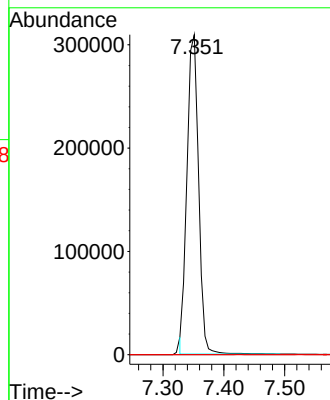
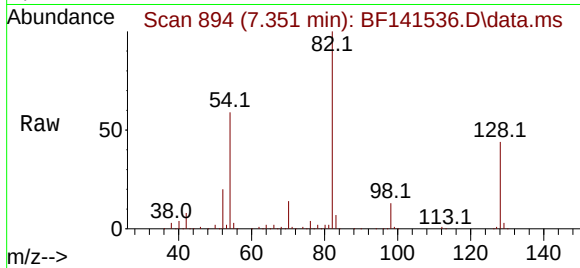




#25
Isophorone
Concen: 46.446 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

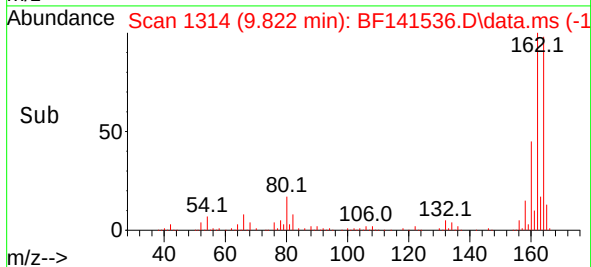
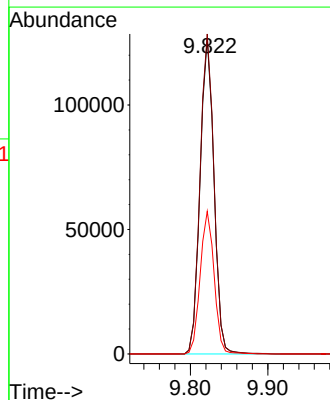
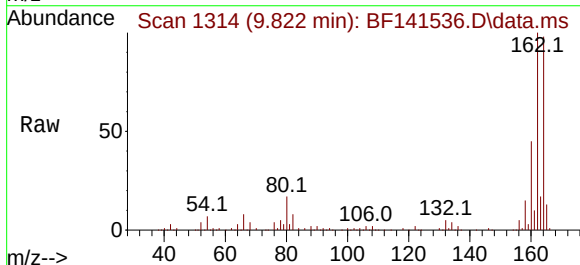
Instrument :
BNA_F
ClientSampleId :
MANHOLE

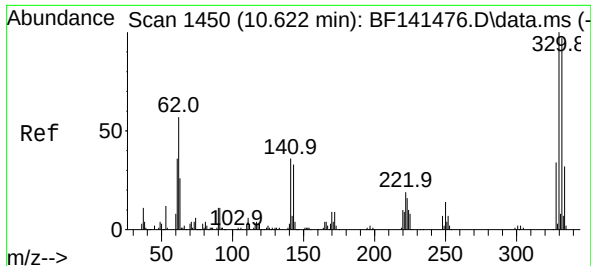
Tgt Ion: 82 Resp: 410373
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

Tgt Ion: 164 Resp: 157501
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 85.747 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141536.D

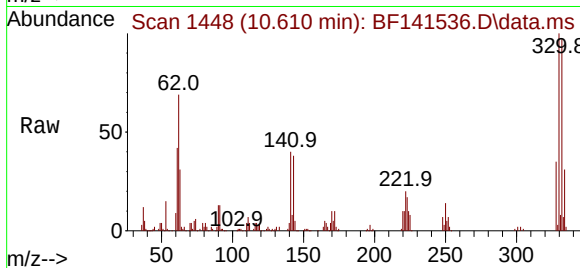
Acq: 10 Feb 2025 15:57

Instrument :

BNA_F

ClientSampleId :

MANHOLE



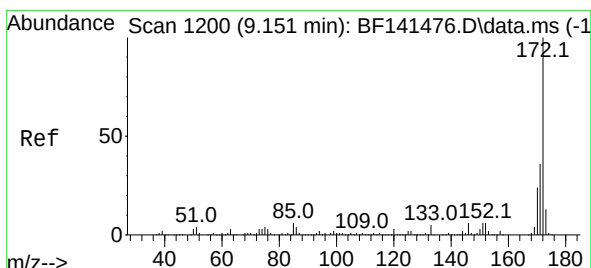
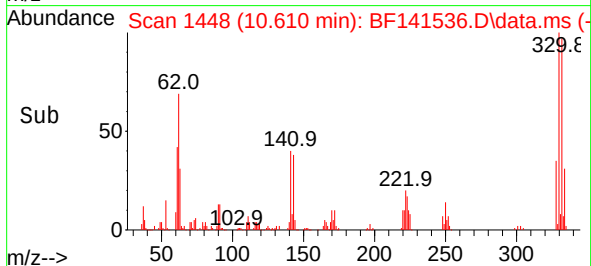
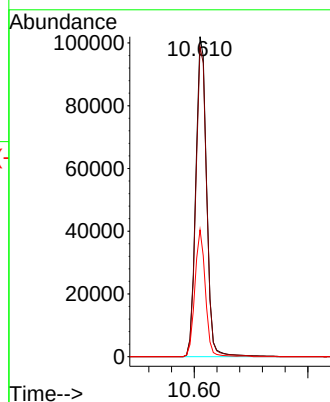
Tgt Ion:330 Resp: 135666

Ion Ratio Lower Upper

330 100

332 97.0 78.5 117.7

141 38.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 78.364 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141536.D

Acq: 10 Feb 2025 15:57

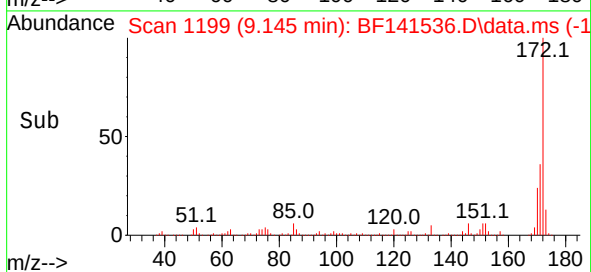
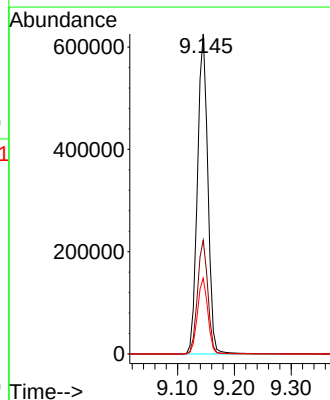
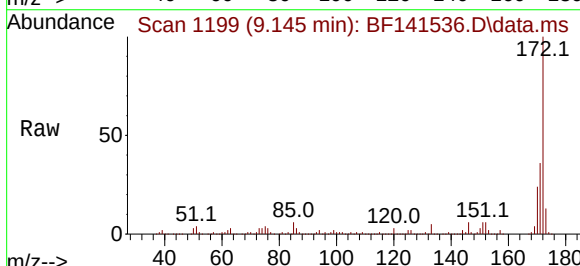
Tgt Ion:172 Resp: 801121

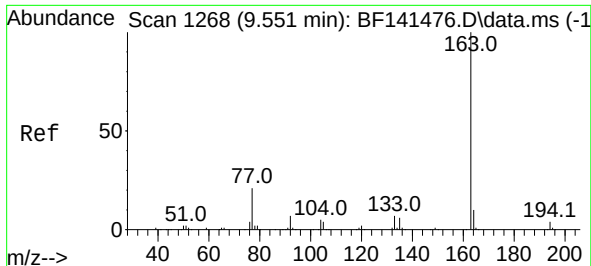
Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.7 18.9 28.3





#50

Dimethylphthalate

Concen: 2.190 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.259 min

Lab File: BF141536.D

Acq: 10 Feb 2025 15:57

Instrument :

BNA_F

ClientSampleId :

MANHOLE

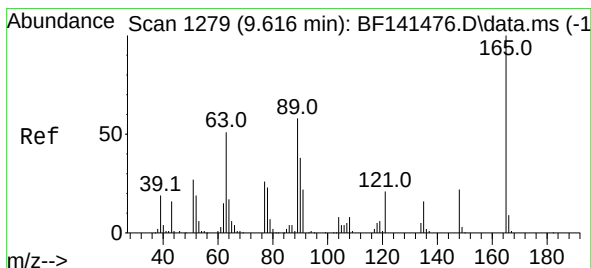
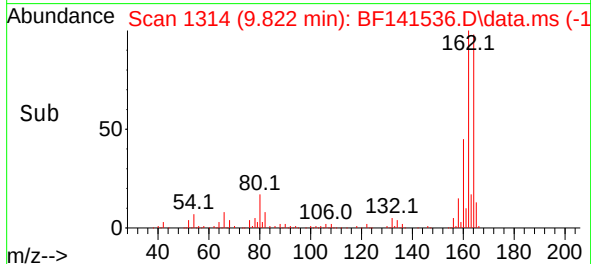
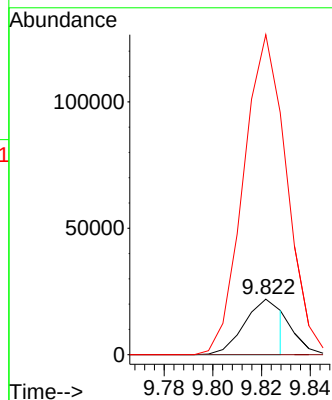
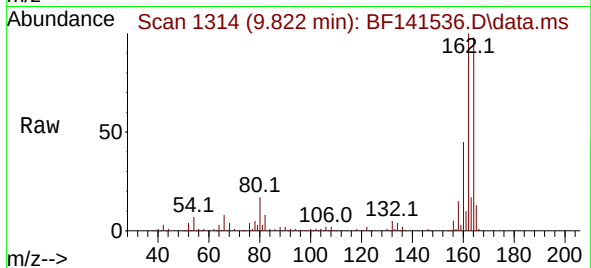
Tgt Ion:163 Resp: 23420

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 577.1 7.9 11.9#



#51

2,6-Dinitrotoluene

Concen: 8.964 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.200 min

Lab File: BF141536.D

Acq: 10 Feb 2025 15:57

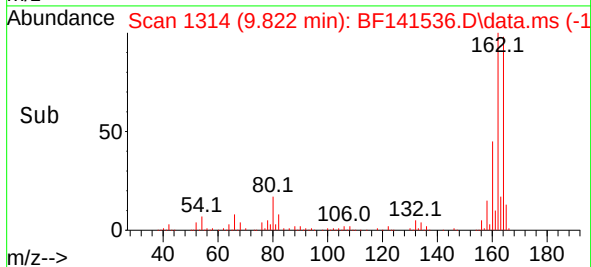
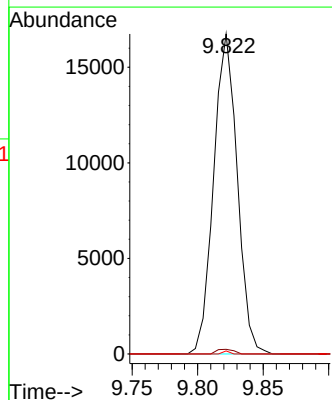
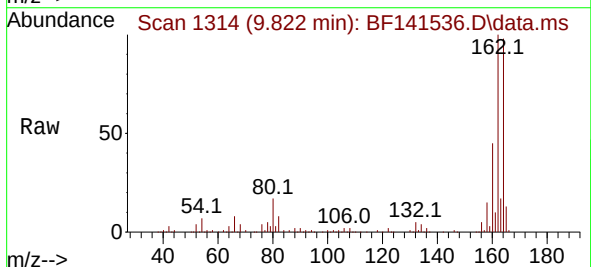
Tgt Ion:165 Resp: 20952

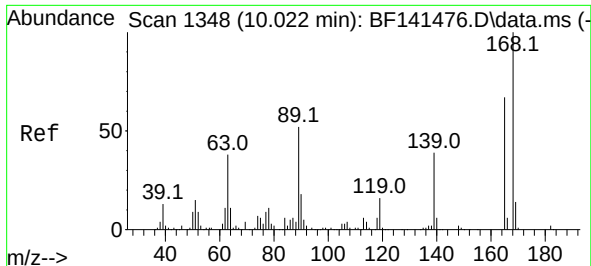
Ion Ratio Lower Upper

165 100

63 1.5 49.4 74.0#

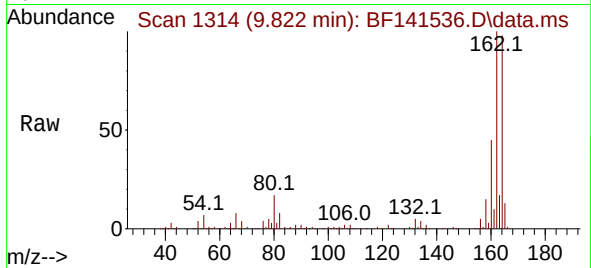
89 1.0 46.5 69.7#



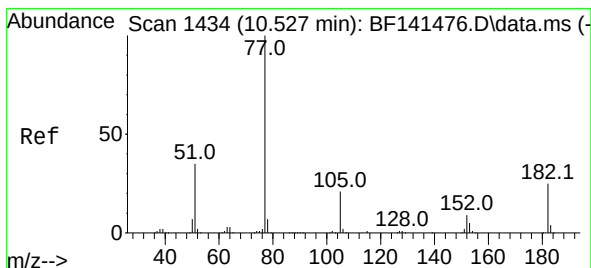
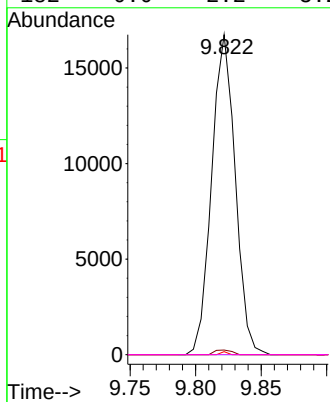
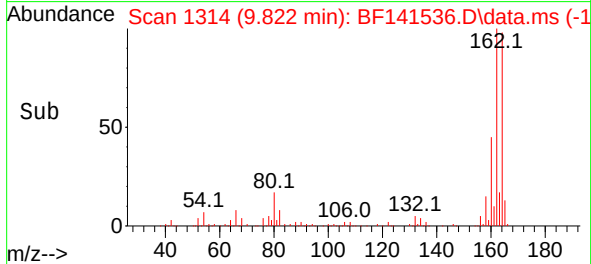


#57
2,4-Dinitrotoluene
Concen: 6.733 ng
RT: 9.822 min Scan# 1414
Delta R.T. -0.206 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

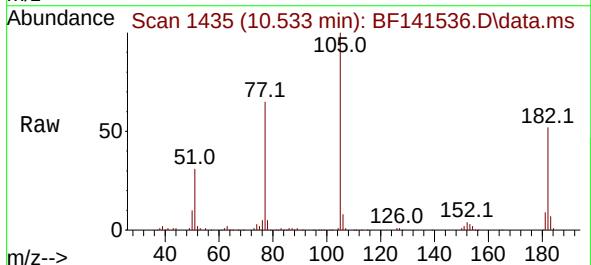
Instrument :
BNA_F
ClientSampleId :
MANHOLE



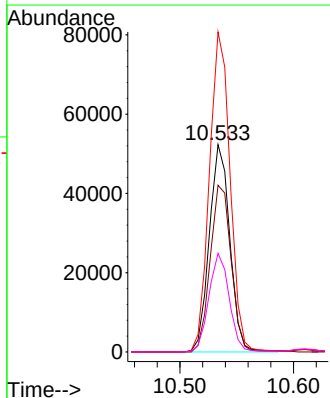
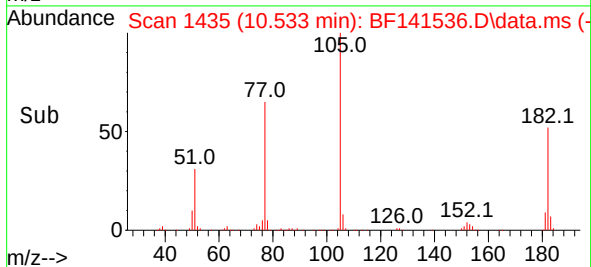
Tgt Ion:165 Resp: 20952
Ion Ratio Lower Upper
165 100
63 1.5 46.4 69.6#
89 1.0 61.8 92.6#
182 0.0 2.2 3.2#

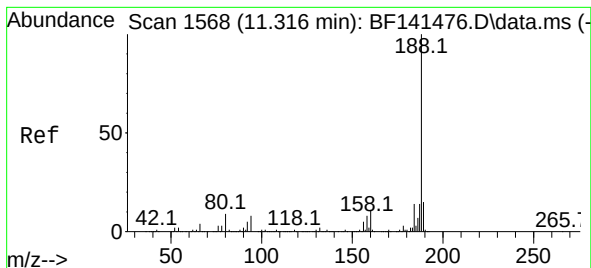


#63
Azobenzene
Concen: 6.291 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57



Tgt Ion: 77 Resp: 65788
Ion Ratio Lower Upper
77 100
182 80.5 4.7 44.7#
105 154.4 0.4 40.4#
51 47.5 16.5 56.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141536.D

Acq: 10 Feb 2025 15:57

Instrument :

BNA_F

ClientSampleId :

MANHOLE

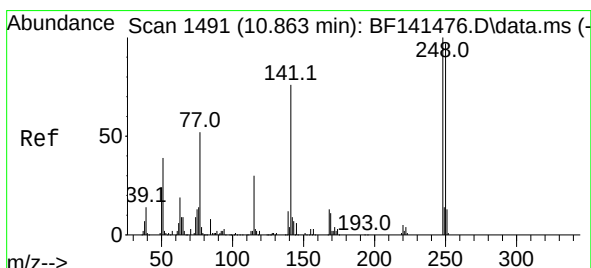
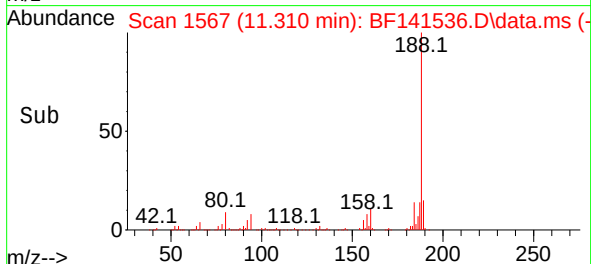
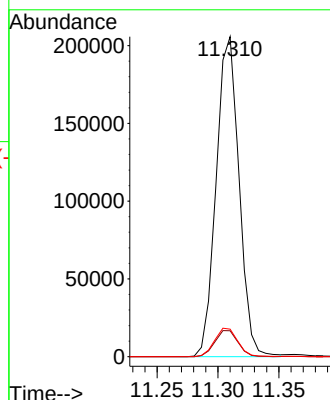
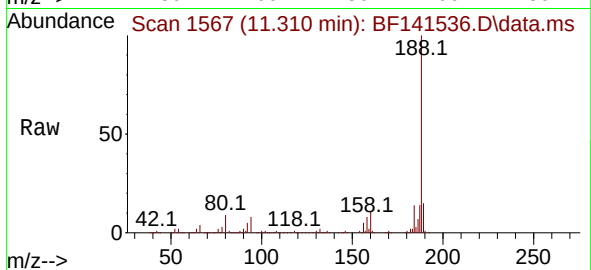
Tgt Ion:188 Resp: 269181

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

80 8.6 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 2.968 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF141536.D

Acq: 10 Feb 2025 15:57

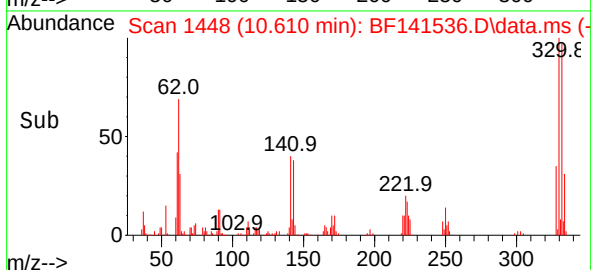
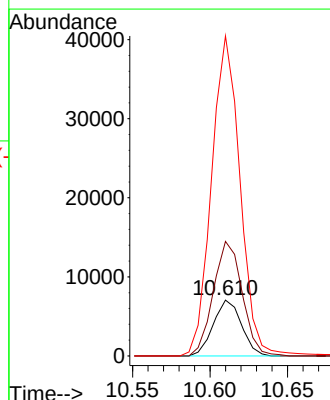
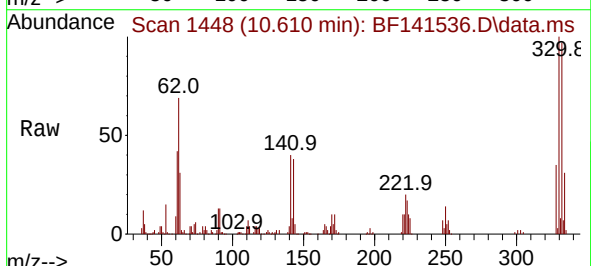
Tgt Ion:248 Resp: 8930

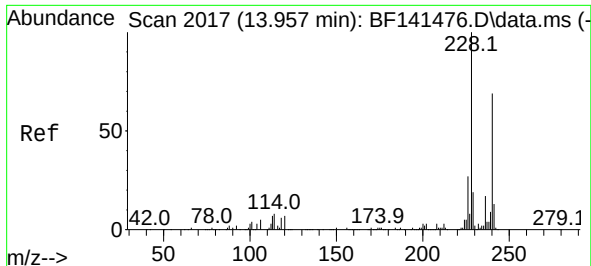
Ion Ratio Lower Upper

248 100

250 205.2 77.8 116.6#

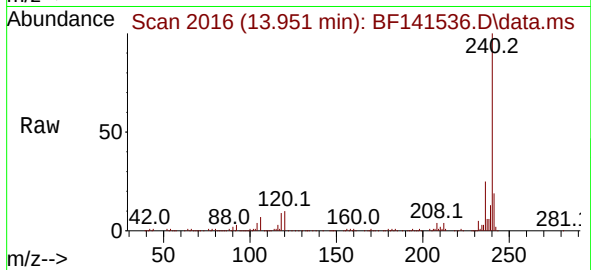
141 573.5 60.6 90.8#



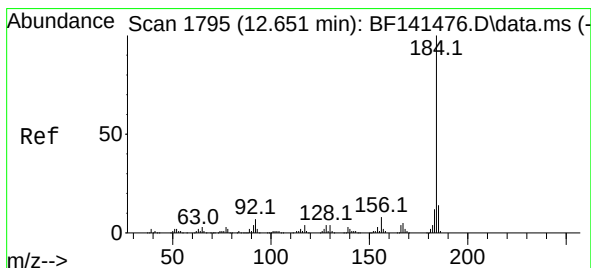
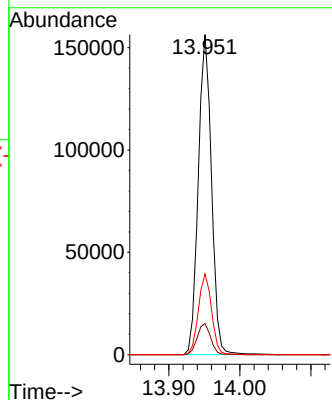
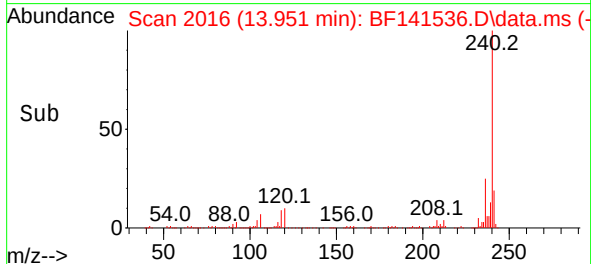


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

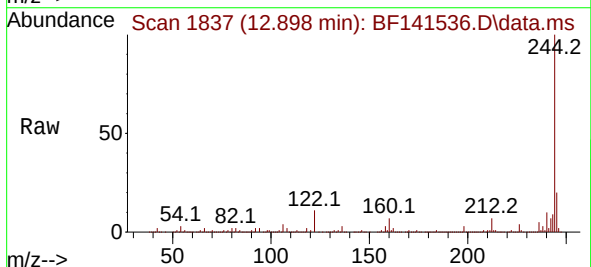
Instrument :
BNA_F
ClientSampleId :
MANHOLE



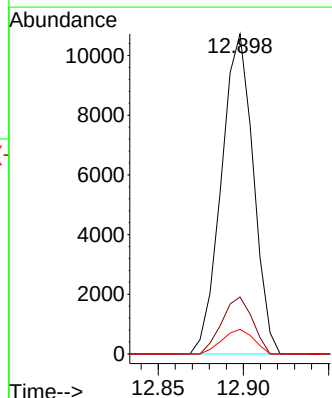
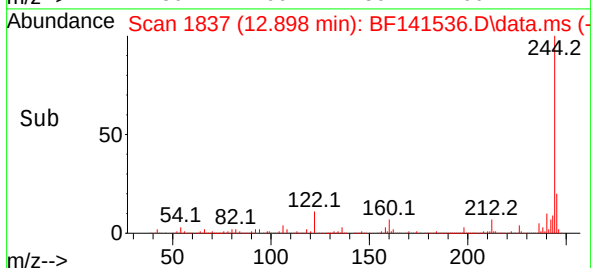
Tgt Ion:240 Resp: 202540
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.3 19.8 29.8

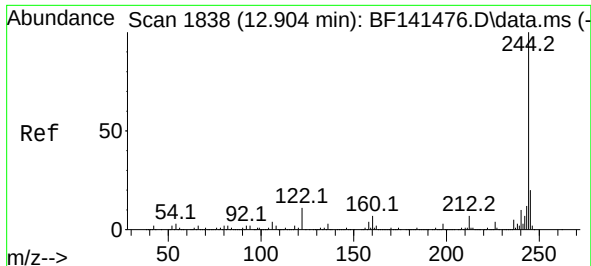


#77
Benzidine
Concen: 3.132 ng
RT: 12.898 min Scan# 1837
Delta R.T. 0.241 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57



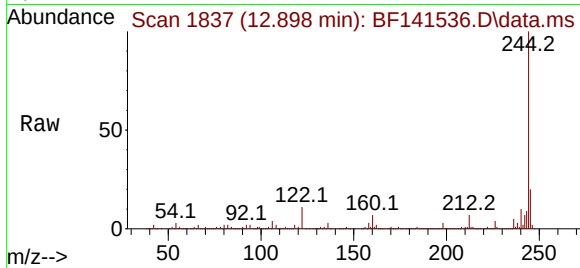
Tgt Ion:184 Resp: 13990
Ion Ratio Lower Upper
184 100
185 17.8 11.3 16.9#
183 7.7 9.3 13.9#



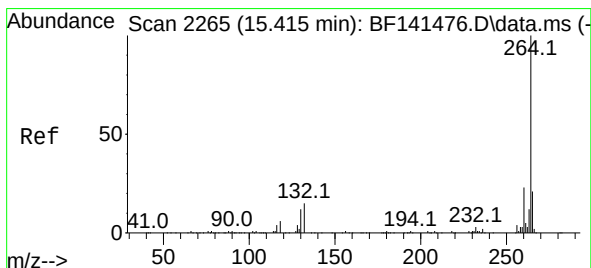
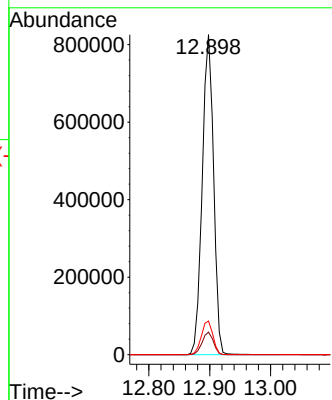
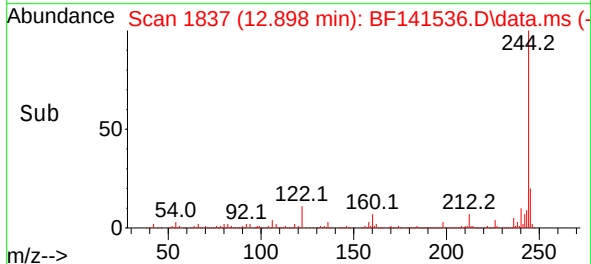


#79
 Terphenyl-d14
 Concen: 89.151 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141536.D
 Acq: 10 Feb 2025 15:57

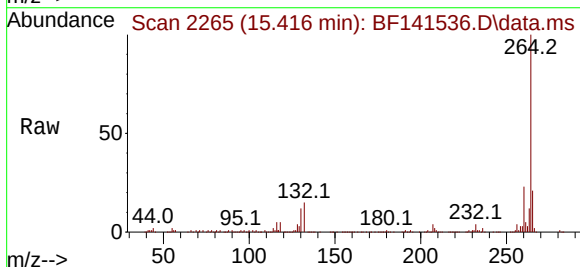
Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE



Tgt Ion:244 Resp: 1069592
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF141536.D
 Acq: 10 Feb 2025 15:57



Tgt Ion:264 Resp: 146679
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.5 17.0 25.4

