

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141451.D
 Acq On : 05 Feb 2025 17:08
 Operator : RC/JU
 Sample : Q1282-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-WTS-02

Quant Time: Feb 05 17:39:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

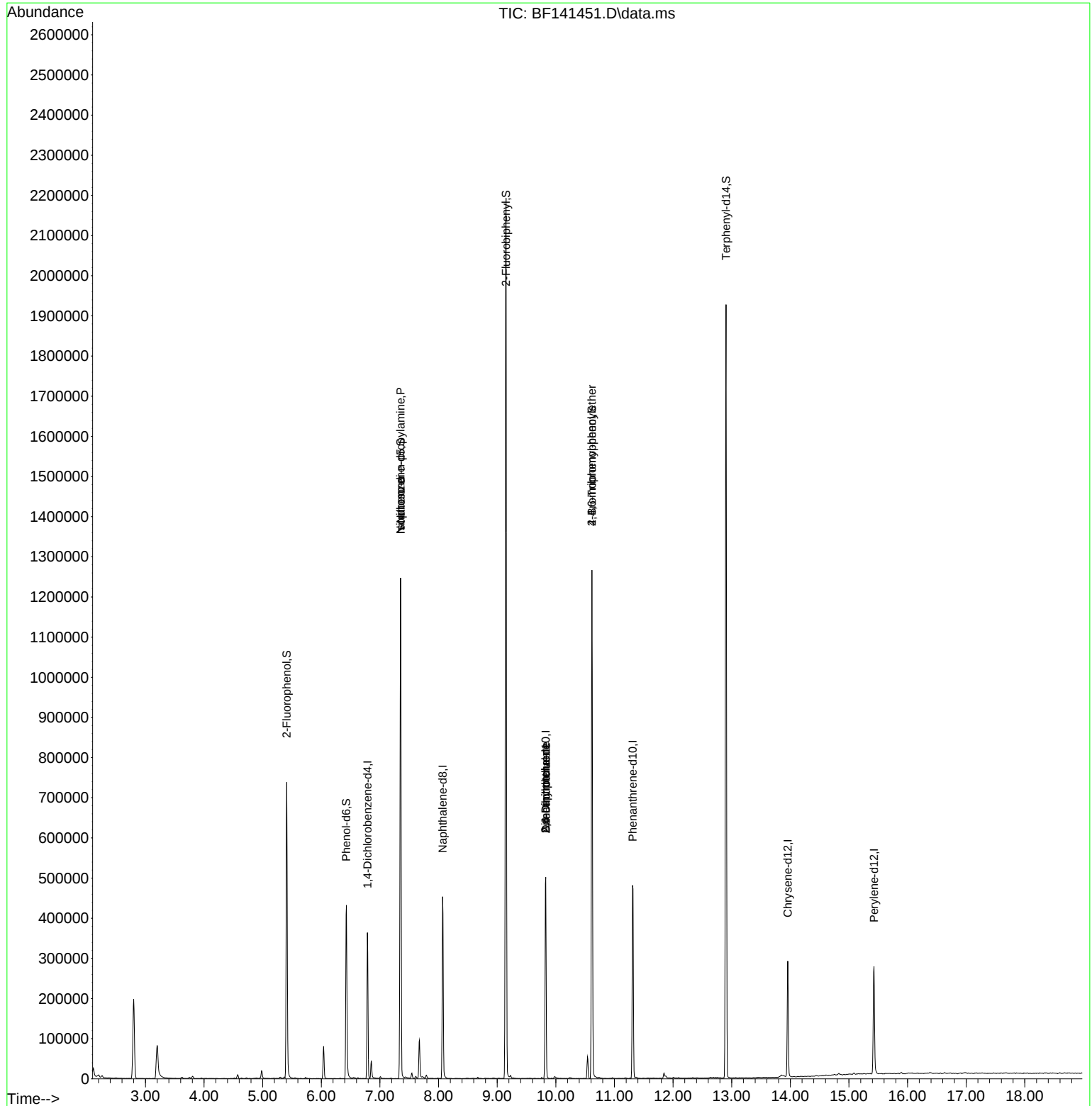
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	72278	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	284515	20.000	ng	-0.02
39) Acenaphthene-d10	9.828	164	152157	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	251131	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	141120	20.000	ng	#-0.02
86) Perylene-d12	15.427	264	162119	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	269426	57.227	ng	0.00
7) Phenol-d6	6.428	99	194273	32.437	ng	-0.01
23) Nitrobenzene-d5	7.351	82	539508	99.963	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	194352	139.328	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	987225	99.866	ng	-0.01
79) Terphenyl-d14	12.904	244	946523	103.438	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	75025	21.081	ng	# 77
25) Isophorone	7.351	82	534195	57.259	ng	# 64
50) Dimethylphthalate	9.828	163	24113	2.346	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	19862	8.324	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	19862	6.429	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	13296	4.729	ng	# 1

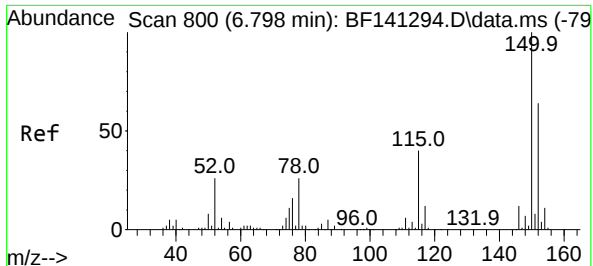
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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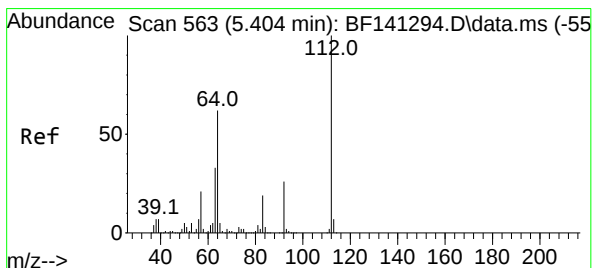
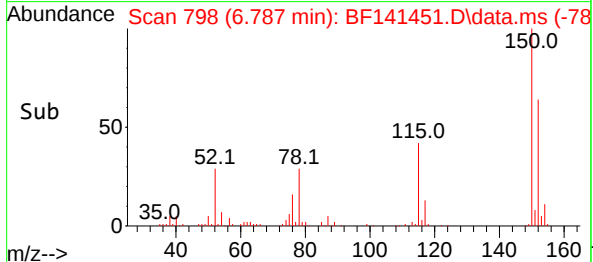
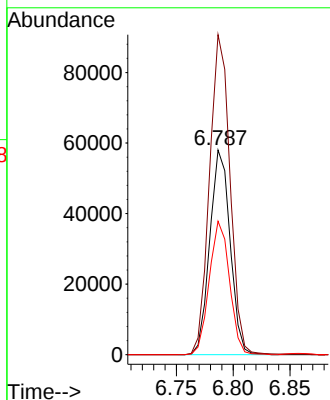
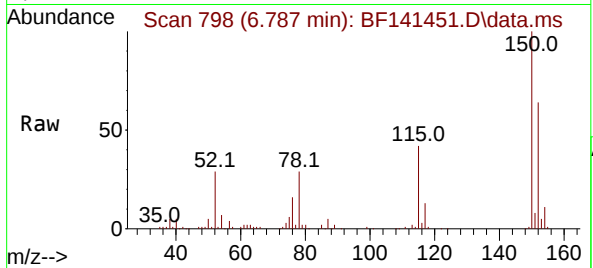




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

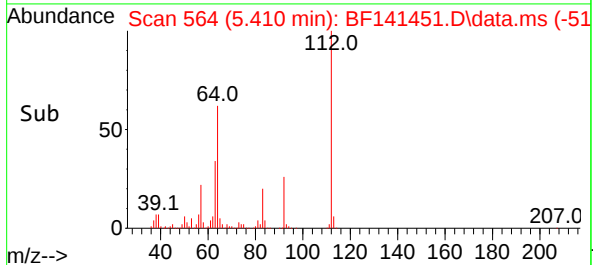
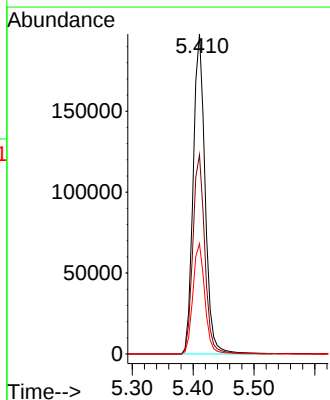
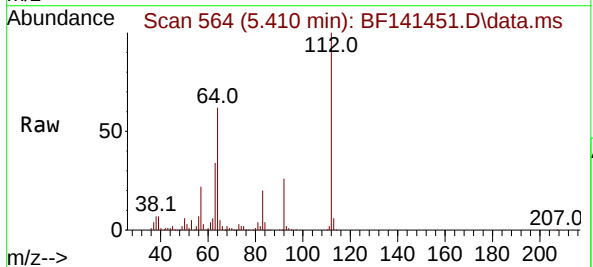
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

Tgt Ion:152 Resp: 72278
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 65.2 49.7 74.5



#5
2-Fluorophenol
Concen: 57.227 ng
RT: 5.410 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion:112 Resp: 269426
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 34.4 26.1 39.1

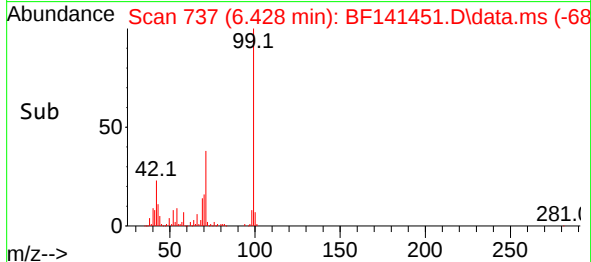
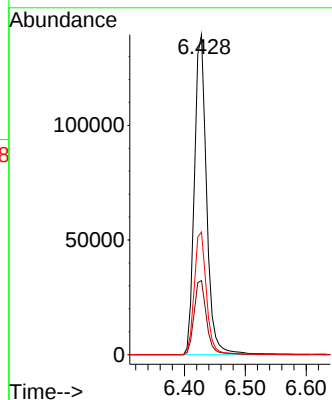
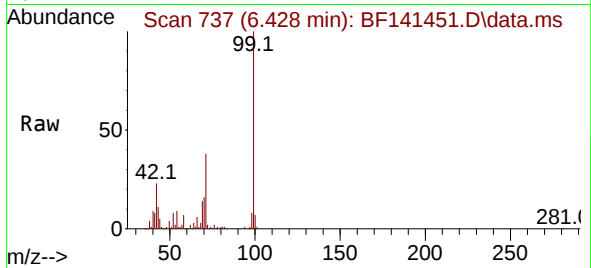




#7
Phenol-d6
Concen: 32.437 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

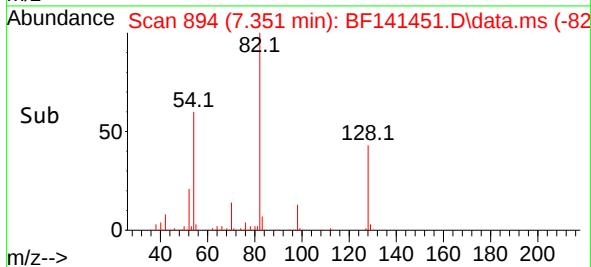
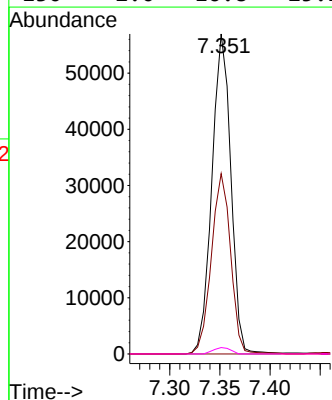
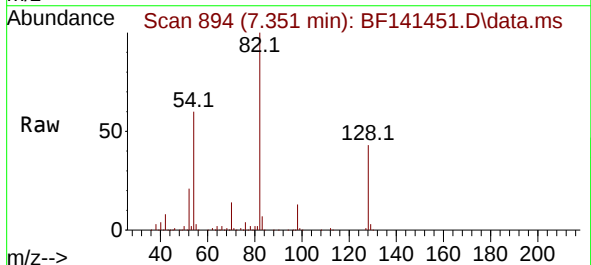
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

Tgt Ion: 99 Resp: 194273
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.081 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion: 70 Resp: 75025
Ion Ratio Lower Upper
70 100
42 56.3 56.8 85.2#
101 0.0 7.7 11.5#
130 2.0 16.8 25.2#



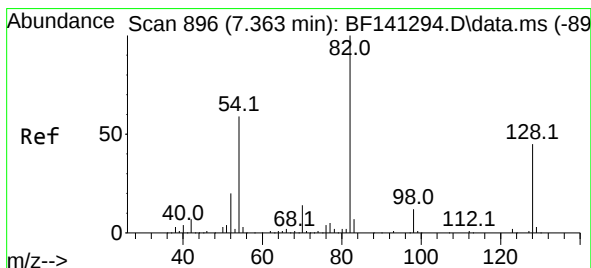
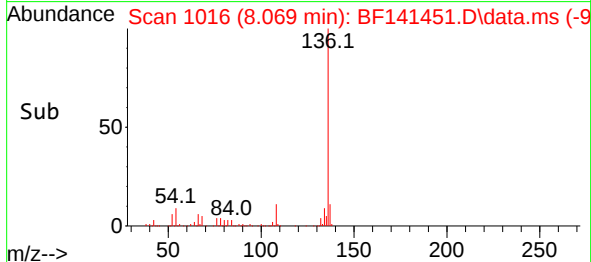
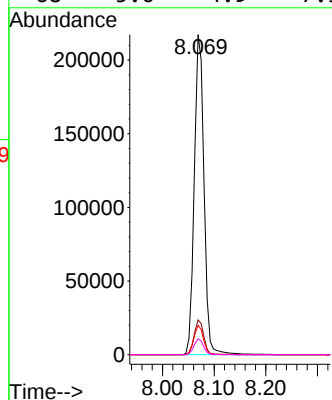
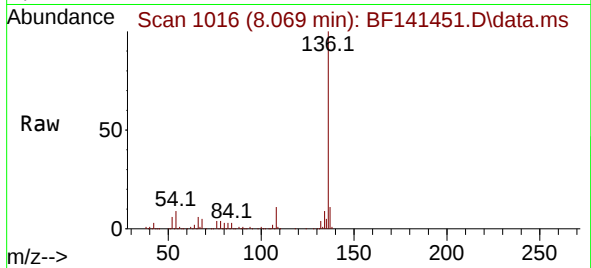


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

Tgt Ion:136 Resp: 284515

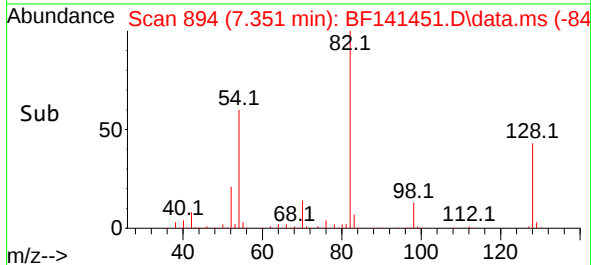
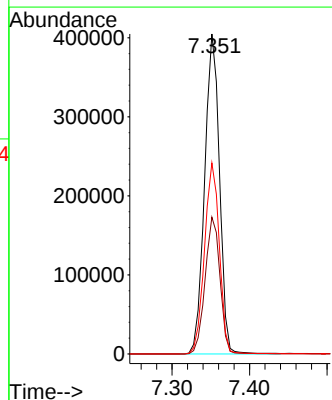
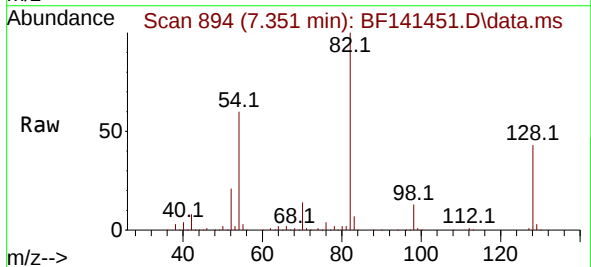
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.2	7.8	11.8
68	5.0	4.9	7.3

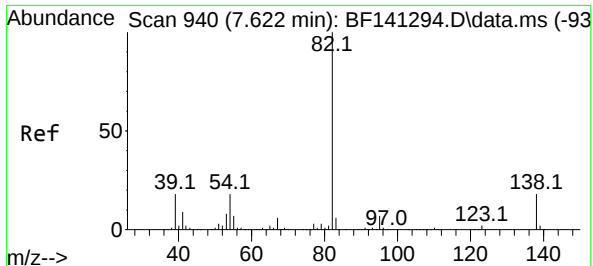


#23
Nitrobenzene-d5
Concen: 99.963 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion: 82 Resp: 539508

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.7	53.5
54	59.7	47.1	70.7

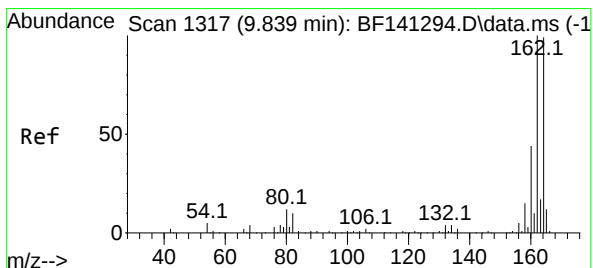
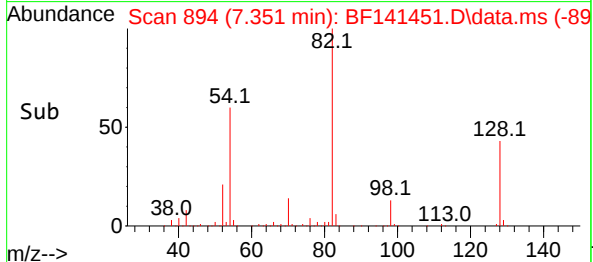
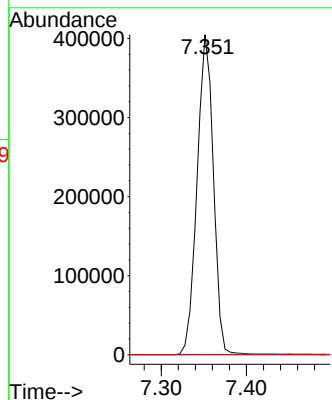
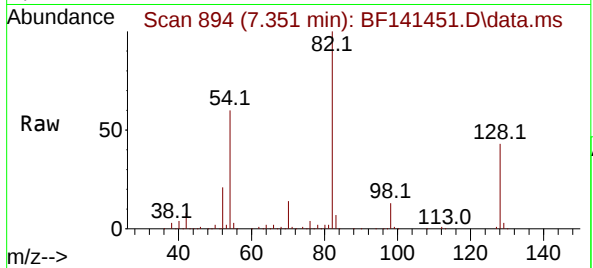




#25
Isophorone
Concen: 57.259 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

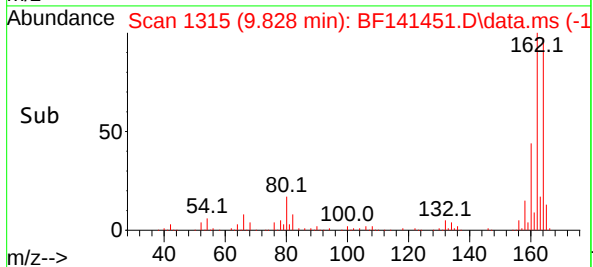
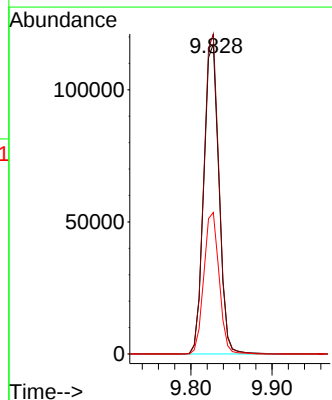
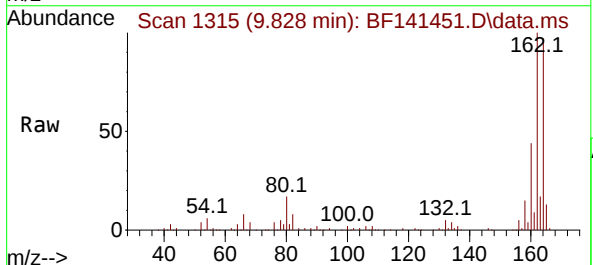
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

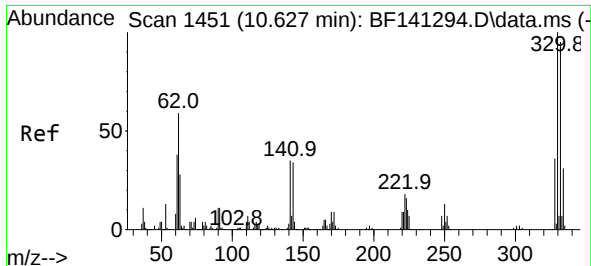
Tgt Ion: 82 Resp: 534195
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion:164 Resp: 152157
Ion Ratio Lower Upper
164 100
162 103.2 80.6 121.0
160 45.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 139.328 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141451.D

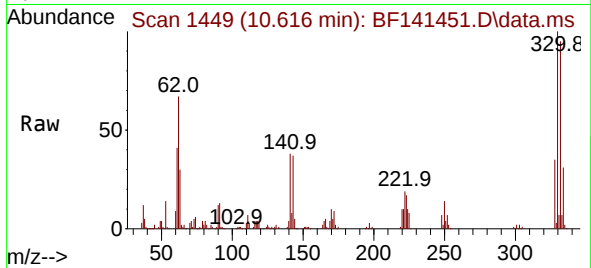
Acq: 05 Feb 2025 17:08

Instrument :

BNA_F

ClientSampleId :

SW-WTS-02



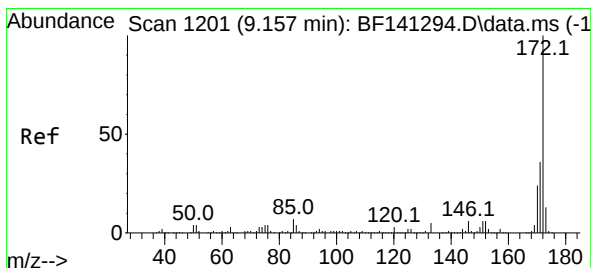
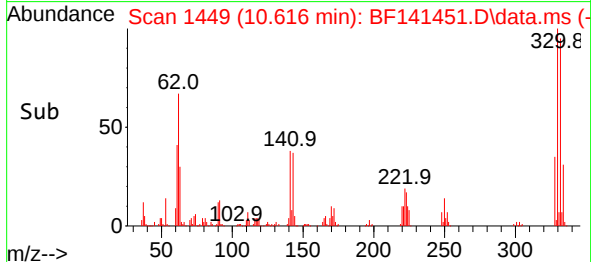
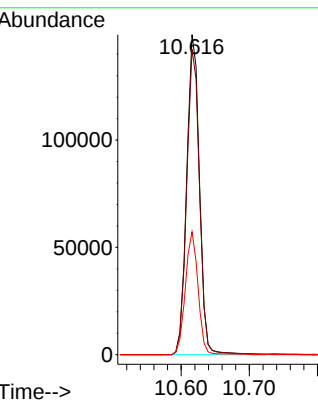
Tgt Ion:330 Resp: 194352

Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

141 38.2 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 99.866 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141451.D

Acq: 05 Feb 2025 17:08

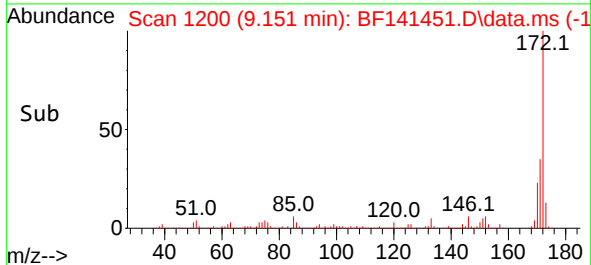
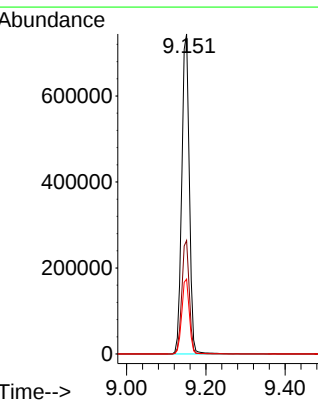
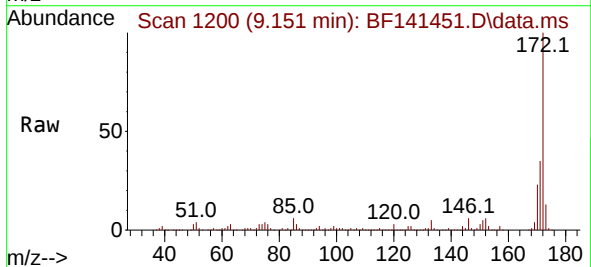
Tgt Ion:172 Resp: 987225

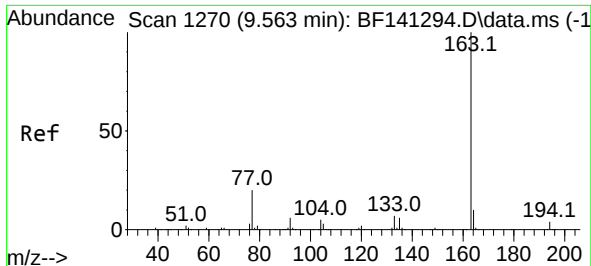
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.4 19.0 28.6

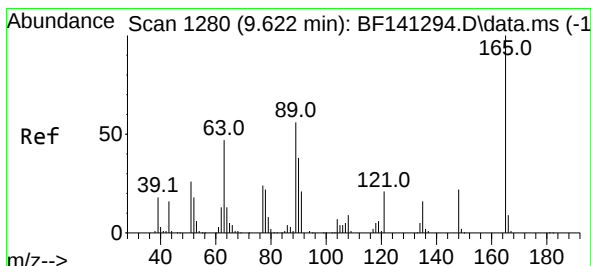
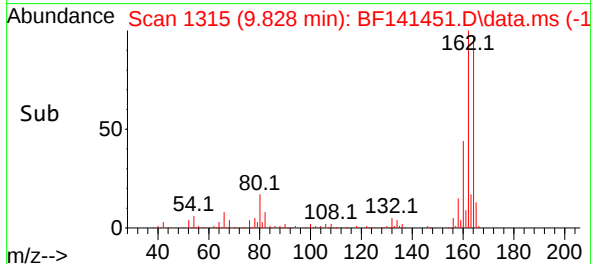
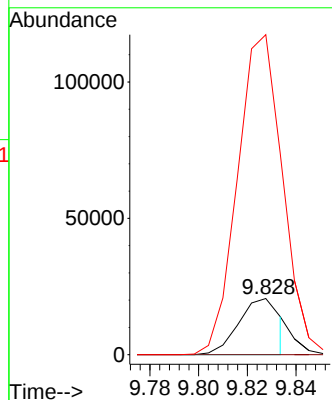
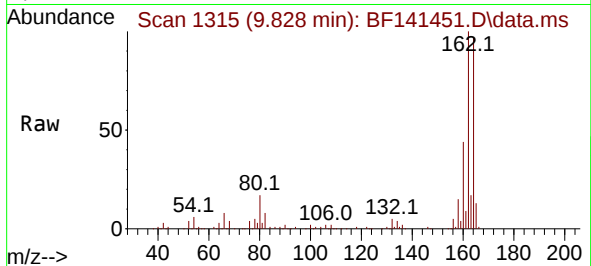




#50
Dimethylphthalate
Concen: 2.346 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

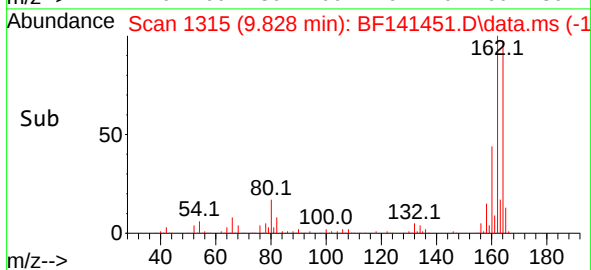
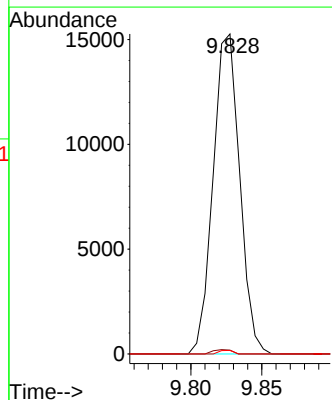
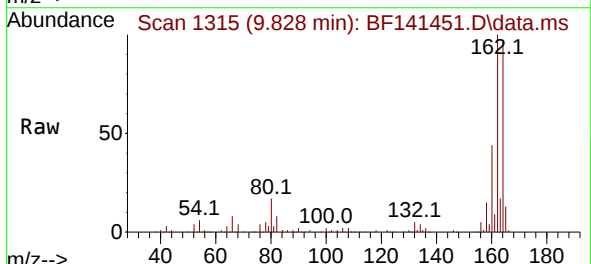
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

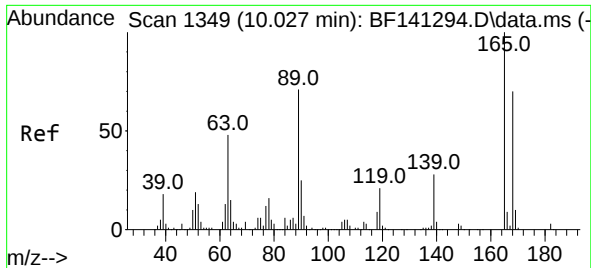
Tgt Ion:163 Resp: 24113
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 569.5 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.324 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion:165 Resp: 19862
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.1 44.9 67.3#

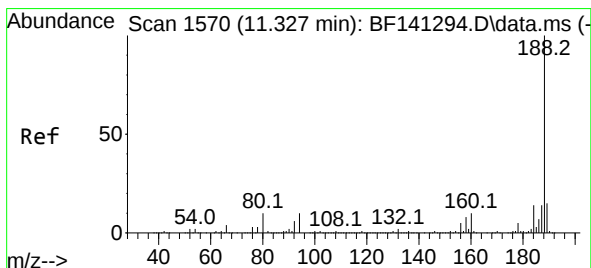
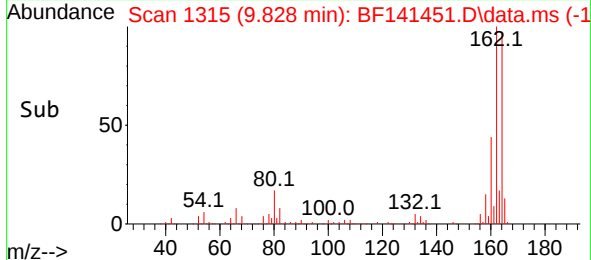
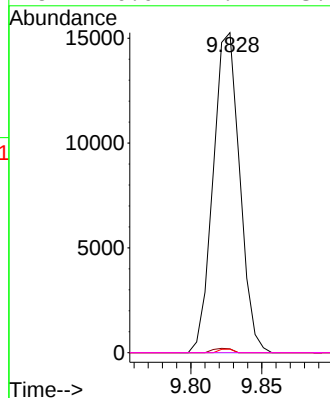
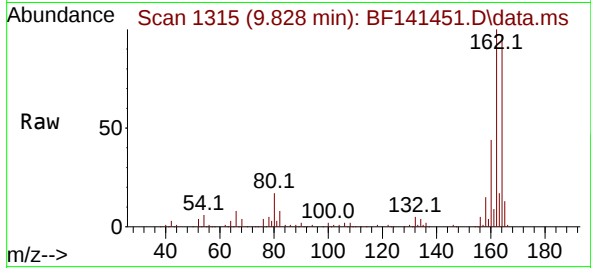




#57
2,4-Dinitrotoluene
Concen: 6.429 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

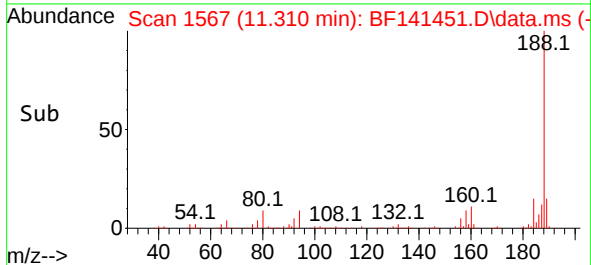
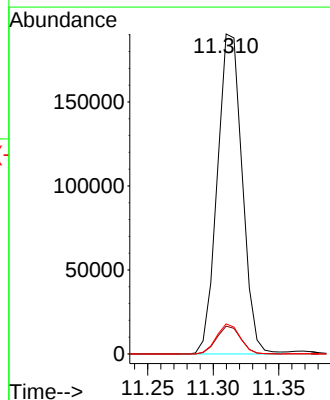
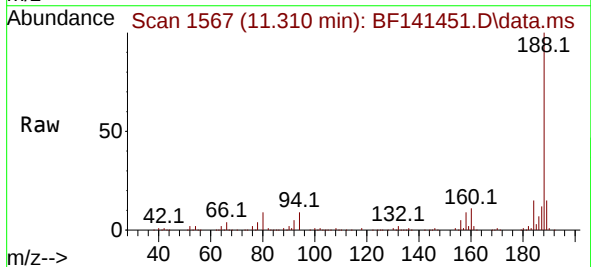
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

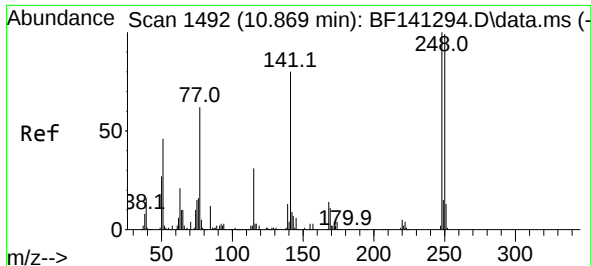
Tgt Ion:165 Resp: 19862
Ion Ratio Lower Upper
165 100
63 1.2 39.2 58.8#
89 1.1 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion:188 Resp: 251131
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.4 8.2 12.4

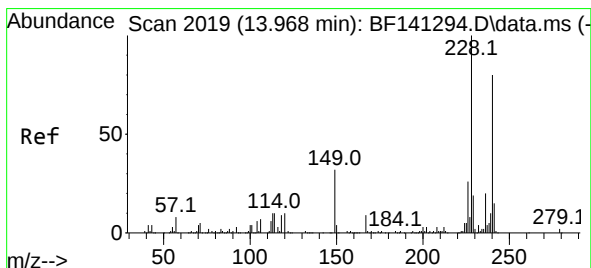
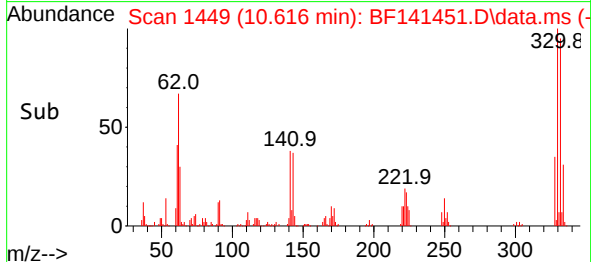
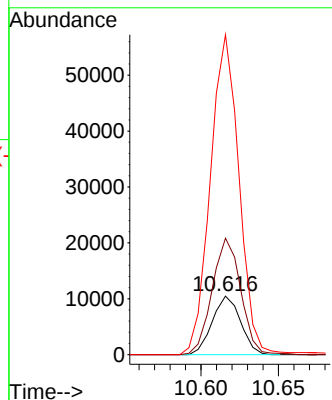
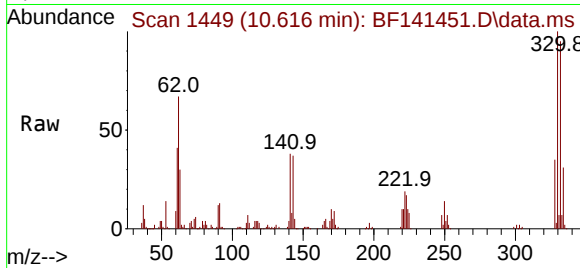




#67
4-Bromophenyl-phenylether
Concen: 4.729 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

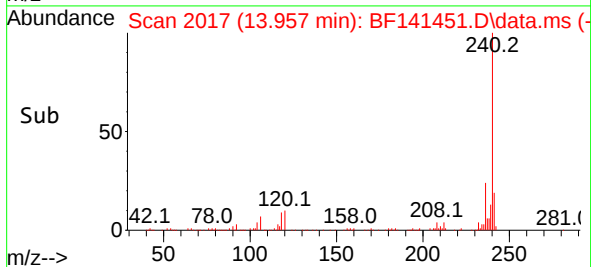
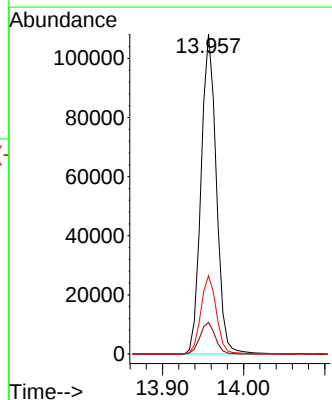
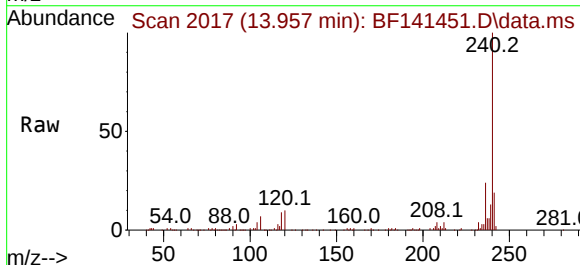
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

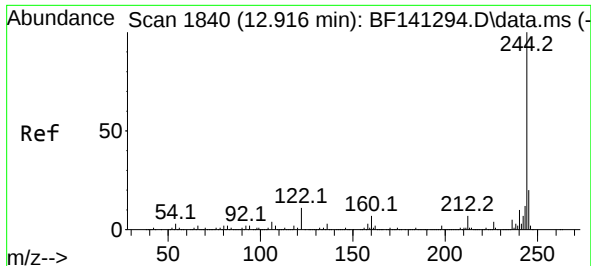
Tgt Ion:248 Resp: 13296
Ion Ratio Lower Upper
248 100
250 198.8 79.0 118.4#
141 546.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

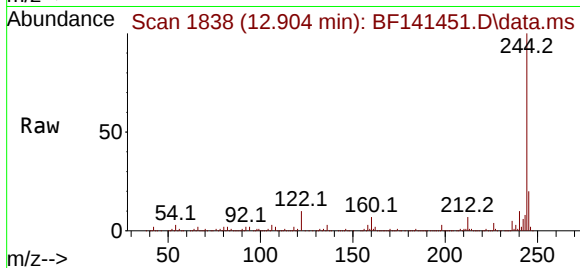
Tgt Ion:240 Resp: 141120
Ion Ratio Lower Upper
240 100
120 9.9 10.0 15.0#
236 24.4 19.7 29.5



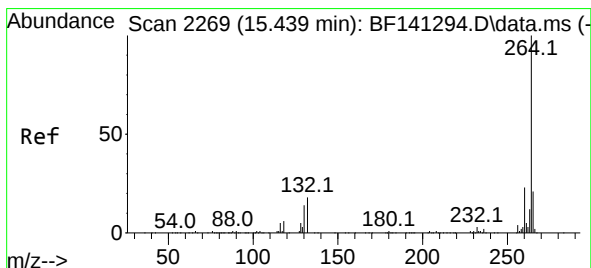
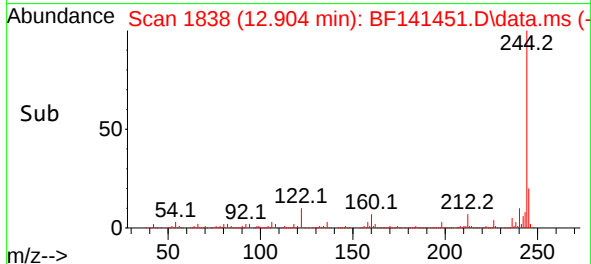
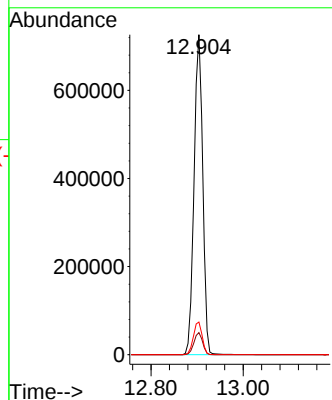


#79
Terphenyl-d14
Concen: 103.438 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Instrument :
BNA_F
ClientSampleId :
SW-WTS-02



Tgt Ion:244 Resp: 946523
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.2 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion:264 Resp: 162119
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 20.9 16.7 25.1

