

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141658.D
 Acq On : 18 Feb 2025 13:24
 Operator : RC/JU
 Sample : PB166751BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166751BL

Quant Time: Feb 18 14:48:59 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)

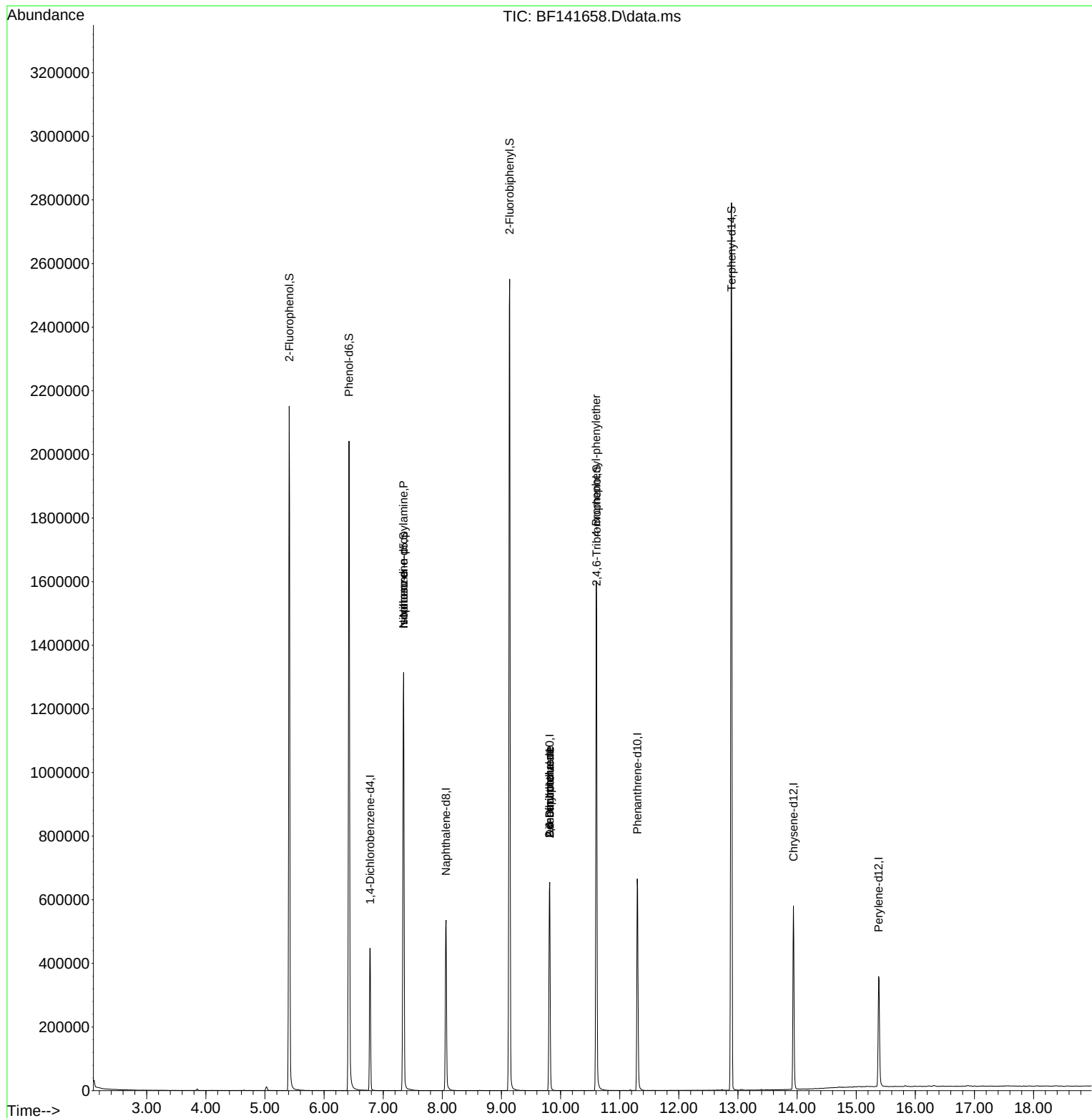
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	97871	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	388690	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	212972	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	383246	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	296931	20.000	ng	-0.02
86) Perylene-d12	15.380	264	226216	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	798441	127.898	ng	0.00
7) Phenol-d6	6.422	99	984309	124.748	ng	-0.02
23) Nitrobenzene-d5	7.345	82	649768	87.192	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	269490	125.965	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1239514	89.667	ng	-0.01
79) Terphenyl-d14	12.892	244	1490382	84.734	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	87927	18.630	ng	# 73
25) Isophorone	7.345	82	625479	52.640	ng	# 66
50) Dimethylphthalate	9.816	163	33479	2.316	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	27797	8.795	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	27797	6.606	ng	# 19
67) 4-Bromophenyl-phenylether	10.604	248	18435	4.304	ng	# 1

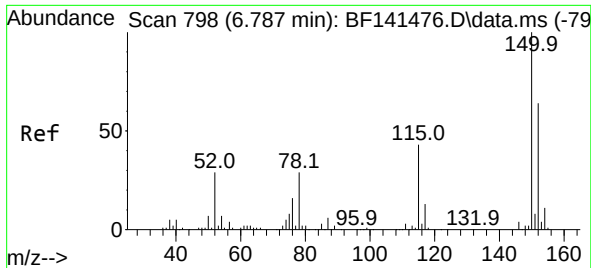
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
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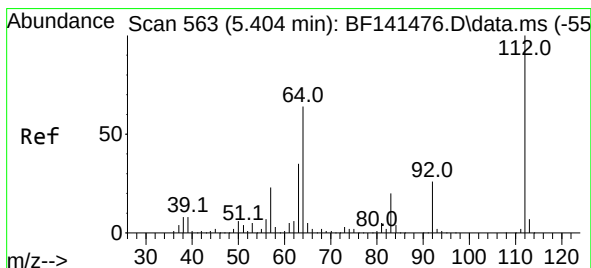
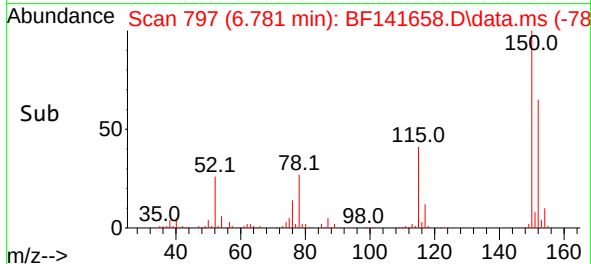
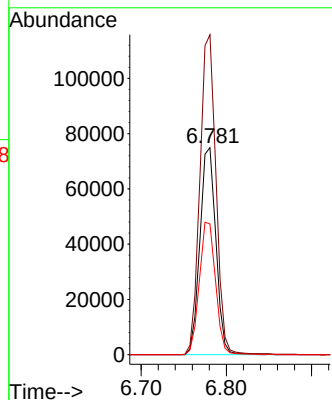
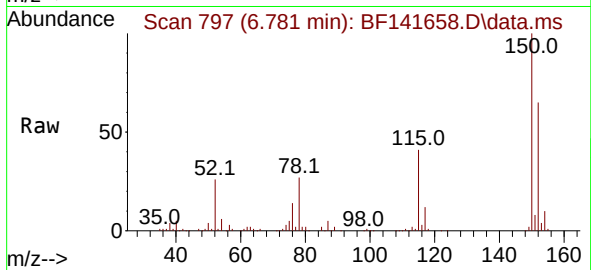




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

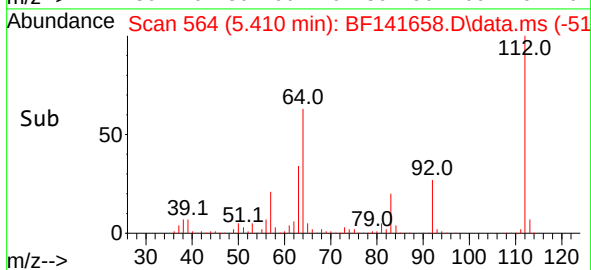
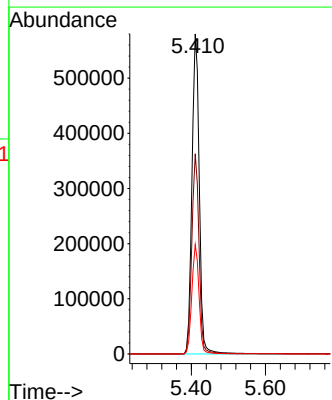
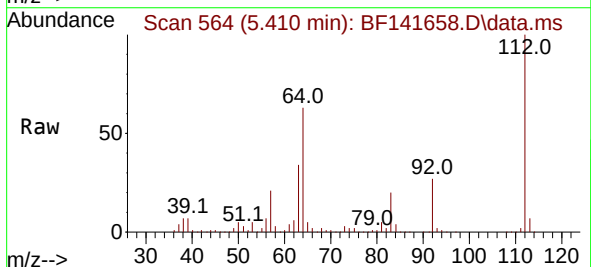
Instrument :
BNA_F
ClientSampleId :
PB166751BL

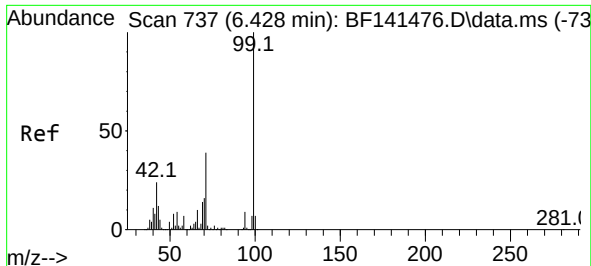
Tgt Ion:152 Resp: 97871
Ion Ratio Lower Upper
152 100
150 154.5 125.0 187.4
115 63.1 53.6 80.4



#5
2-Fluorophenol
Concen: 127.898 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

Tgt Ion:112 Resp: 798441
Ion Ratio Lower Upper
112 100
64 62.5 51.1 76.7
63 34.1 28.4 42.6

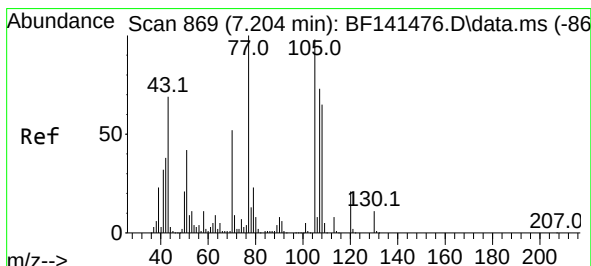
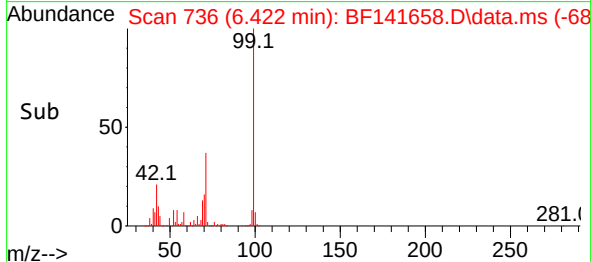
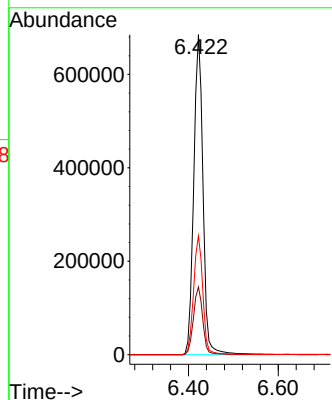
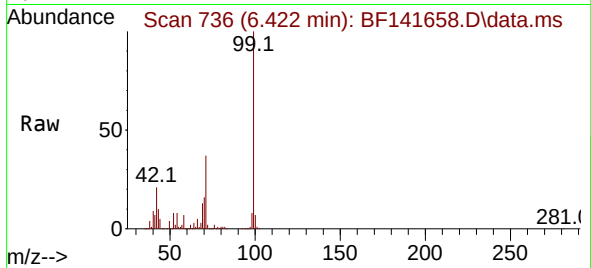




#7
Phenol-d6
Concen: 124.748 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

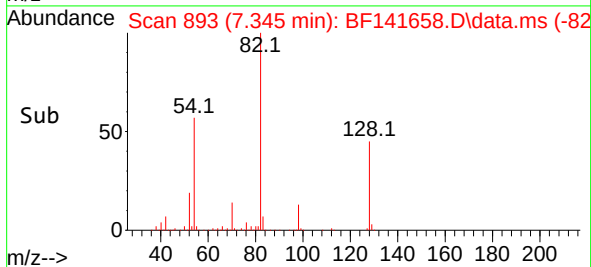
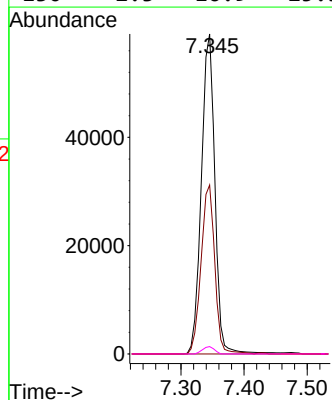
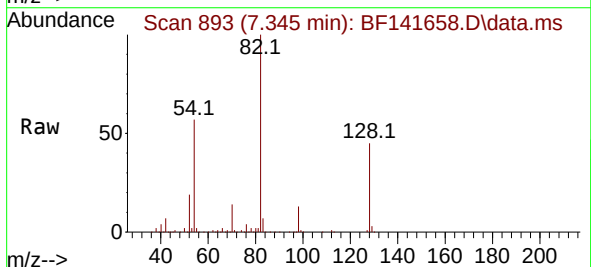
Instrument :
BNA_F
ClientSampleId :
PB166751BL

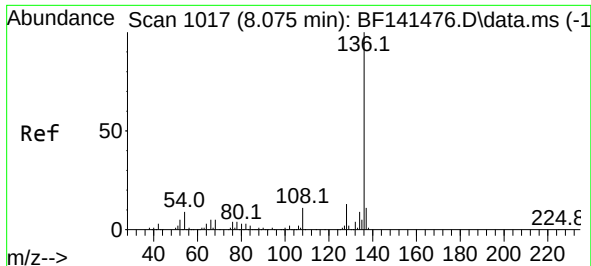
Tgt Ion: 99 Resp: 984309
Ion Ratio Lower Upper
99 100
42 21.2 19.1 28.7
71 37.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.630 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

Tgt Ion: 70 Resp: 87927
Ion Ratio Lower Upper
70 100
42 52.8 57.4 86.2#
101 0.0 8.0 12.0#
130 2.3 16.9 25.3#

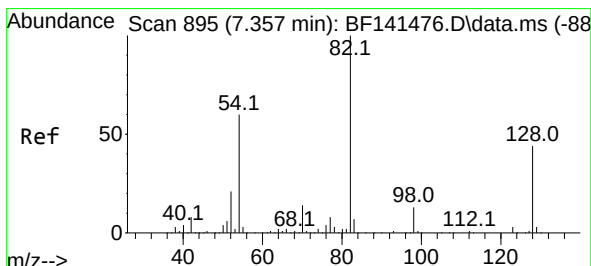
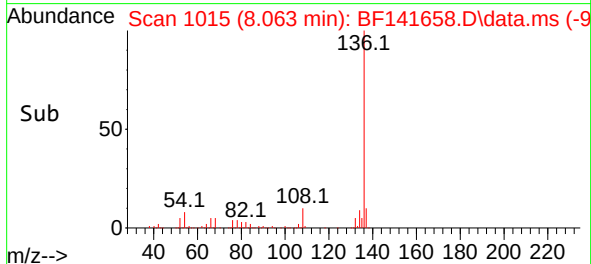
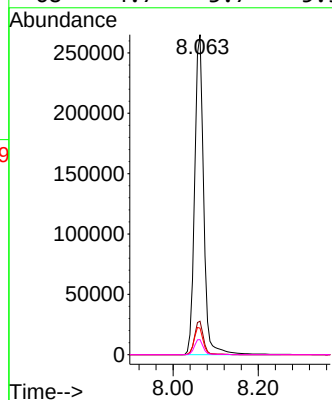
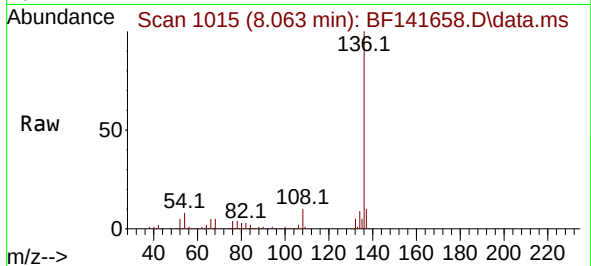




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

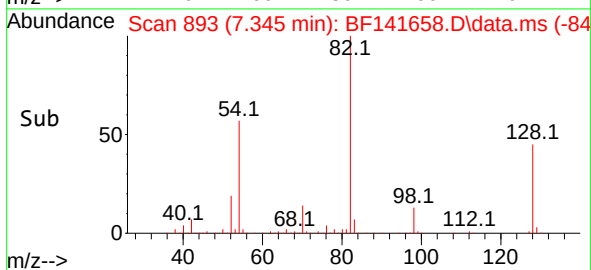
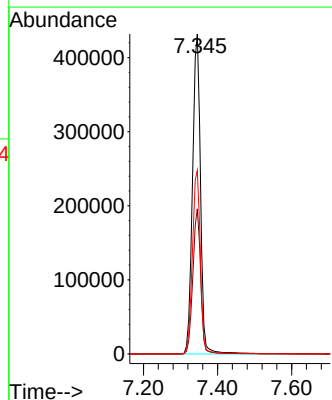
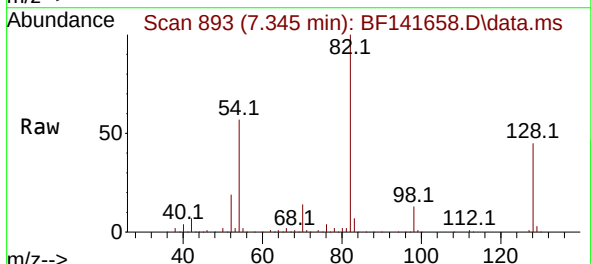
Instrument :
BNA_F
ClientSampleId :
PB166751BL

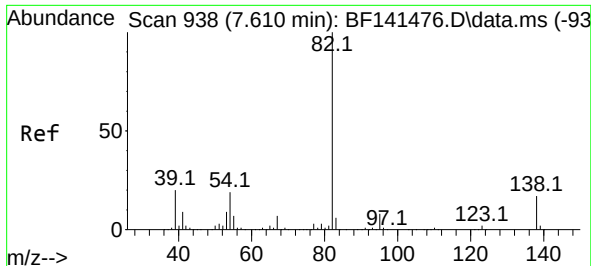
Tgt Ion:	136	Resp:	388690
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	8.3	7.2	10.8
68	4.7	3.7	5.5



#23
Nitrobenzene-d5
Concen: 87.192 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

Tgt Ion:	82	Resp:	649768
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.8	52.2
54	57.4	48.2	72.4

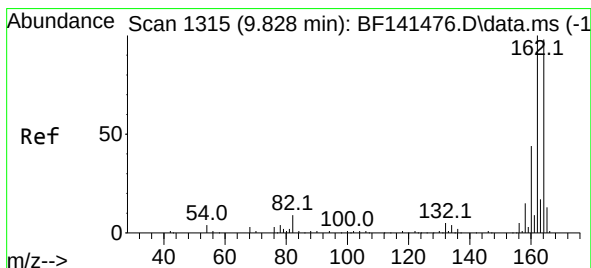
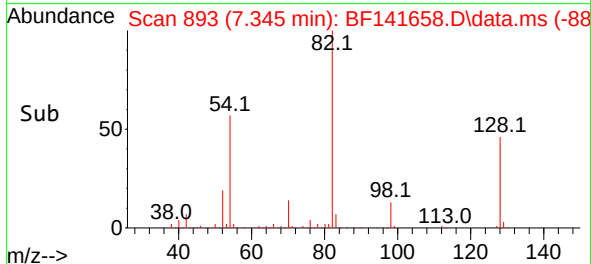
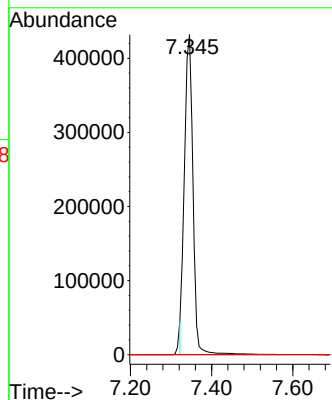
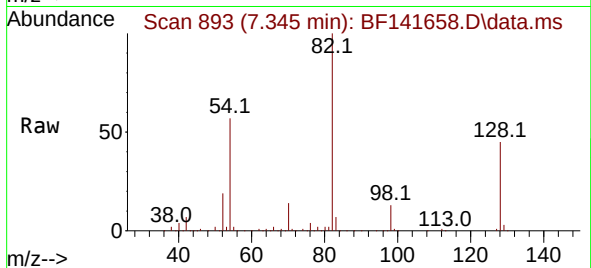




#25
Isophorone
Concen: 52.640 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

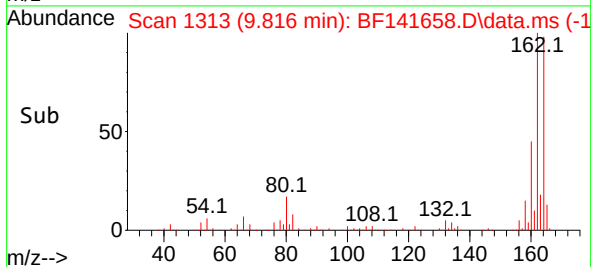
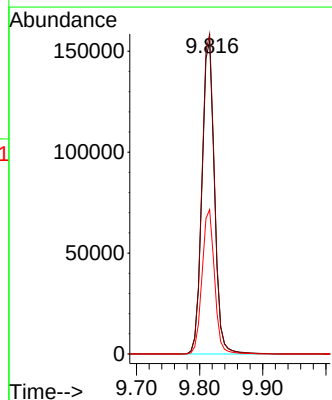
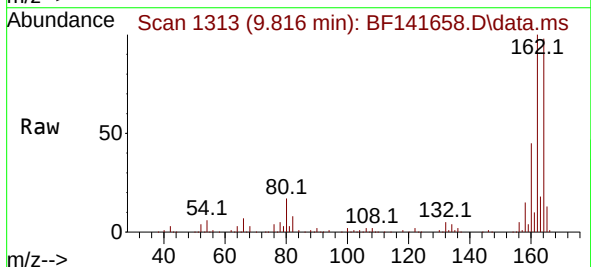
Instrument :
BNA_F
ClientSampleId :
PB166751BL

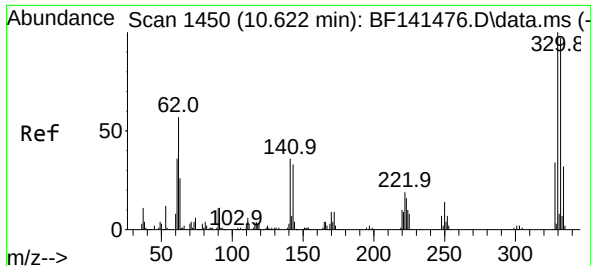
Tgt Ion: 82 Resp: 625479
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

Tgt Ion:164 Resp: 212972
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 46.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 125.965 ng

RT: 10.610 min Scan# 1450

Delta R.T. -0.018 min

Lab File: BF141658.D

Acq: 18 Feb 2025 13:24

Instrument :

BNA_F

ClientSampleId :

PB166751BL

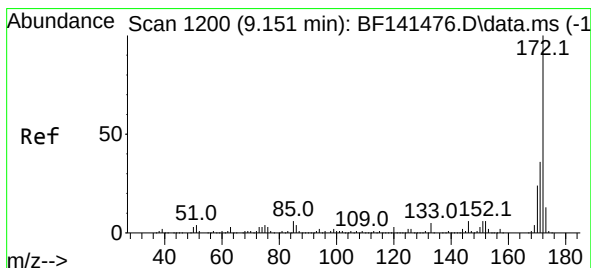
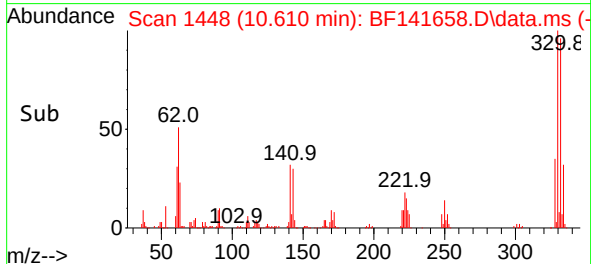
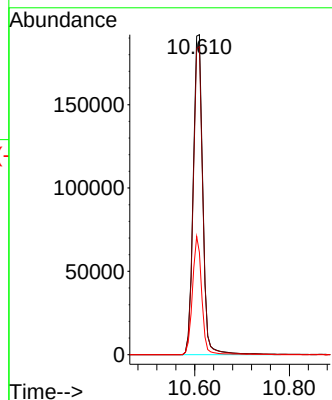
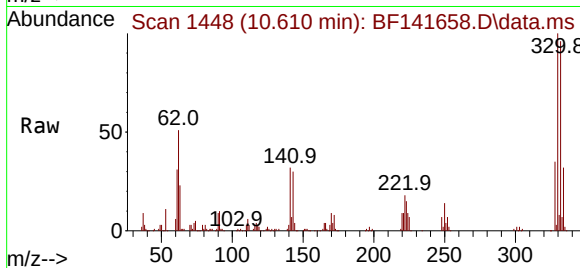
Tgt Ion:330 Resp: 269490

Ion Ratio Lower Upper

330 100

332 95.6 78.5 117.7

141 35.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 89.667 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141658.D

Acq: 18 Feb 2025 13:24

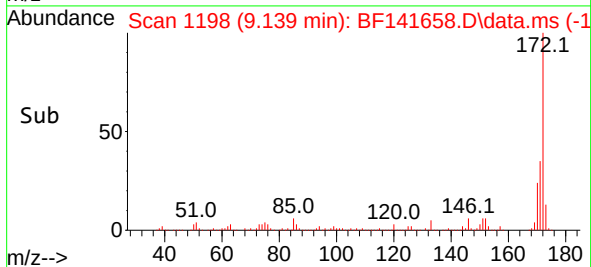
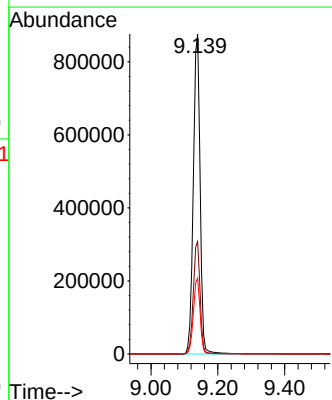
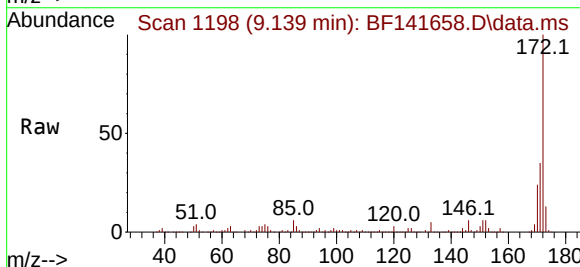
Tgt Ion:172 Resp: 1239514

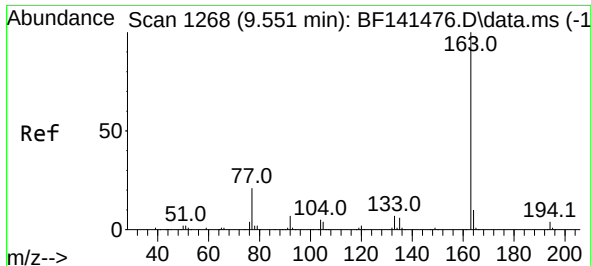
Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

170 23.7 18.9 28.3

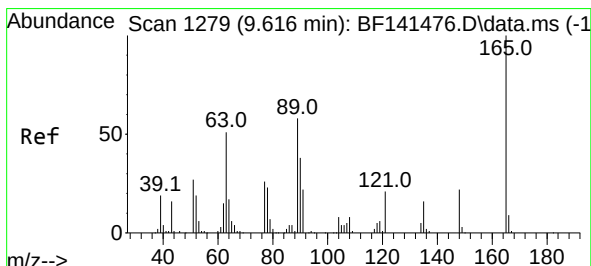
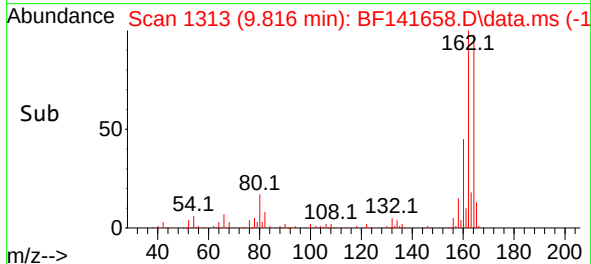
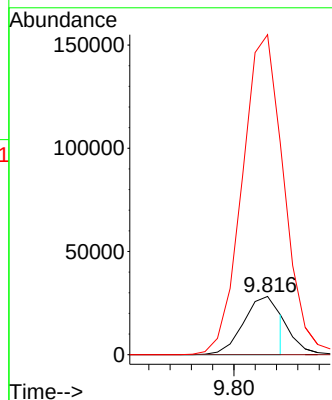
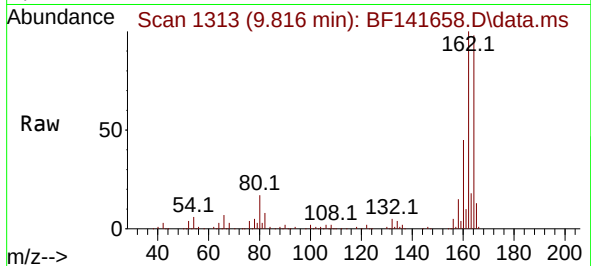




#50
Dimethylphthalate
Concen: 2.316 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

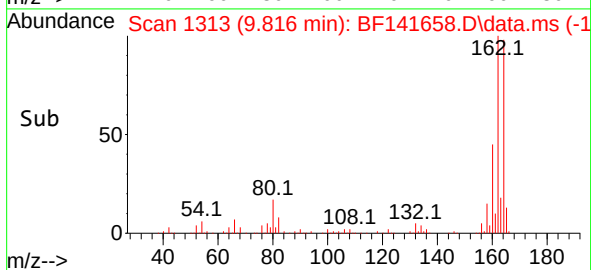
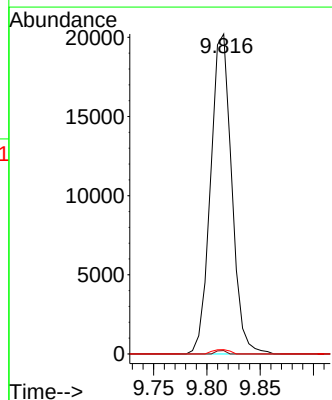
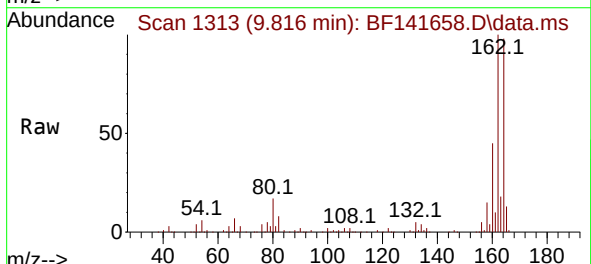
Instrument :
BNA_F
ClientSampleId :
PB166751BL

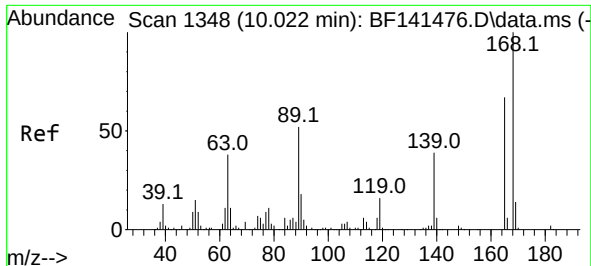
Tgt Ion:163 Resp: 33479
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 550.1 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.795 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

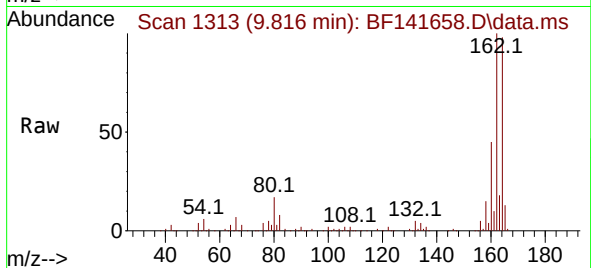
Tgt Ion:165 Resp: 27797
Ion Ratio Lower Upper
165 100
63 1.0 49.4 74.0#
89 1.3 46.5 69.7#



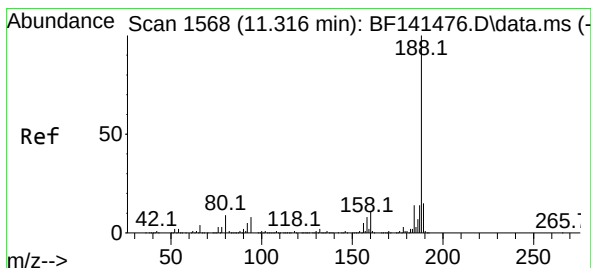
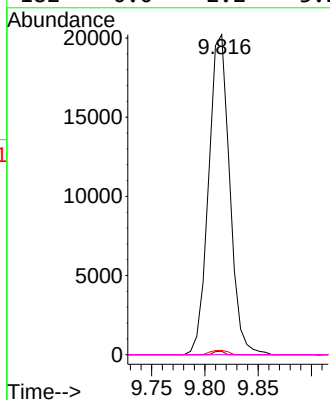
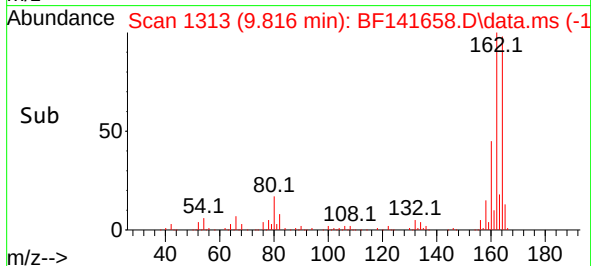


#57
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

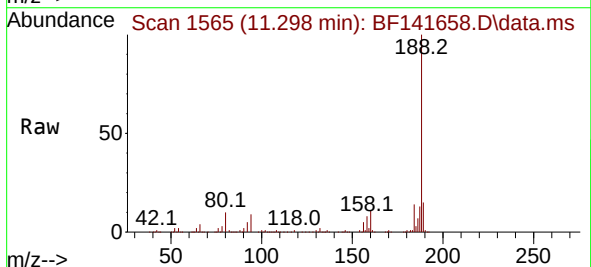
Instrument :
BNA_F
ClientSampleId :
PB166751BL



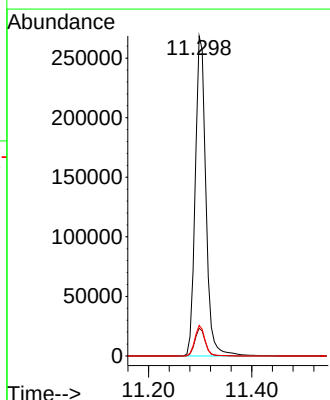
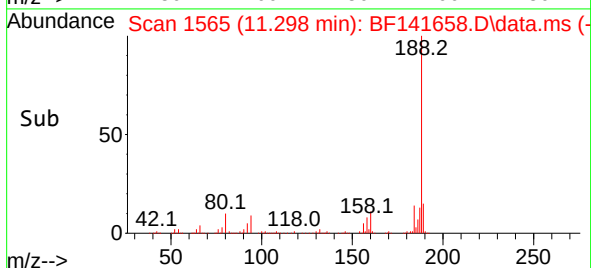
Tgt Ion:165 Resp: 27797
Ion Ratio Lower Upper
165 100
63 1.0 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#

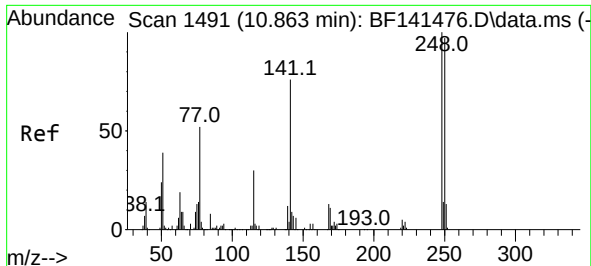


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24



Tgt Ion:188 Resp: 383246
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.6 7.3 10.9

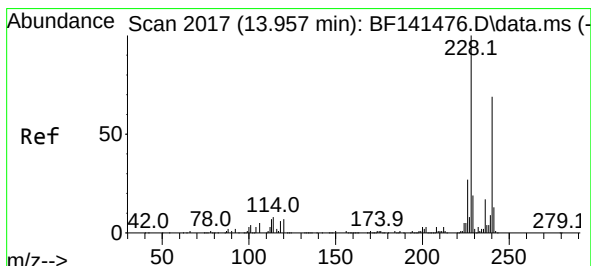
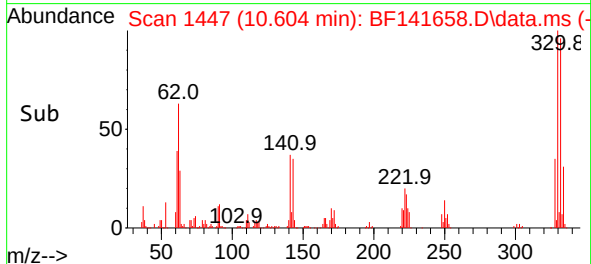
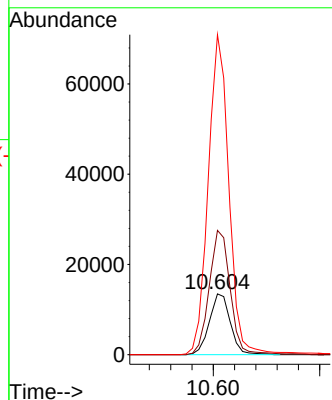
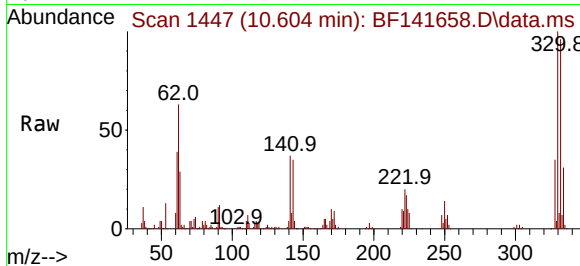




#67
4-Bromophenyl-phenylether
Concen: 4.304 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

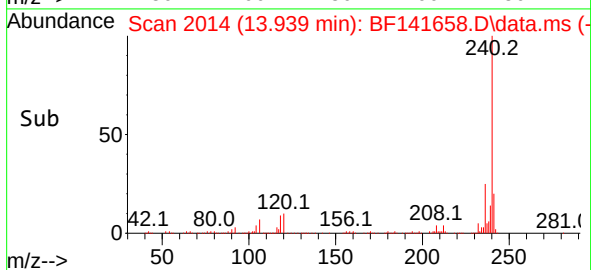
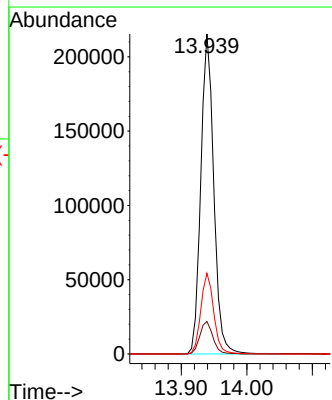
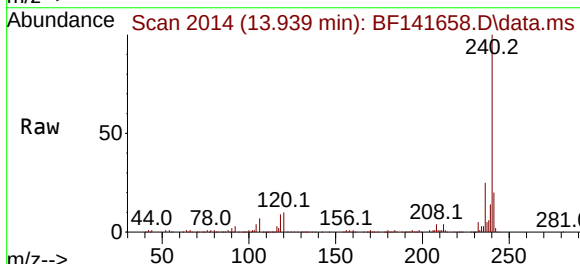
Instrument :
BNA_F
ClientSampleId :
PB166751BL

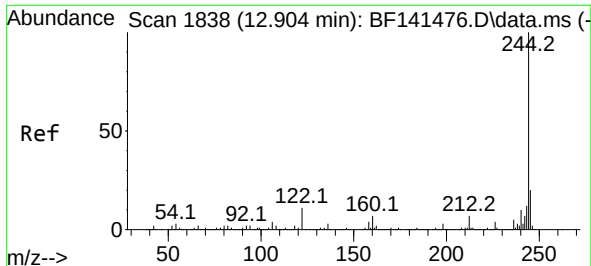
Tgt Ion:248 Resp: 18435
Ion Ratio Lower Upper
248 100
250 204.2 77.8 116.6#
141 525.8 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

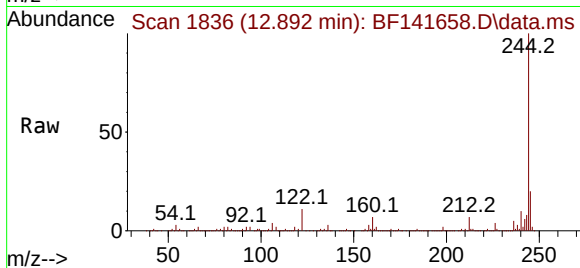
Tgt Ion:240 Resp: 296931
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.2 19.8 29.8



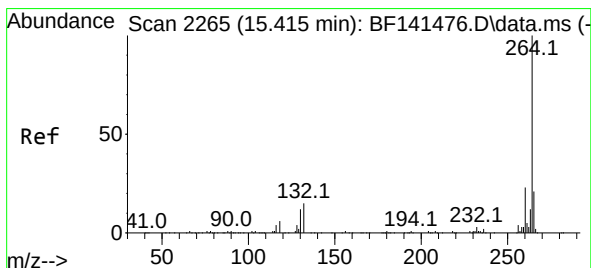
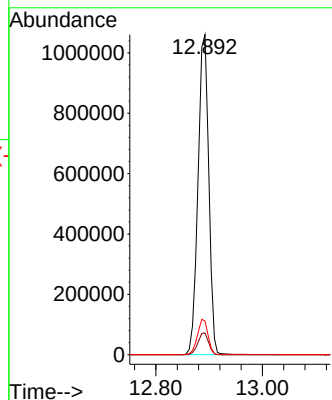
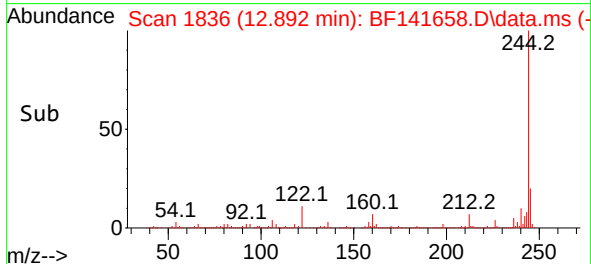


#79
Terphenyl-d14
Concen: 84.734 ng
RT: 12.892 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

Instrument :
BNA_F
ClientSampleId :
PB166751BL



Tgt Ion:244 Resp: 1490382
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.5 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141658.D
Acq: 18 Feb 2025 13:24

Tgt Ion:264 Resp: 226216
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.0 17.0 25.4

