

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141632.D
 Acq On : 14 Feb 2025 11:48
 Operator : RC/JU
 Sample : PB166702TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166702TB

Quant Time: Feb 14 12:10:33 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)

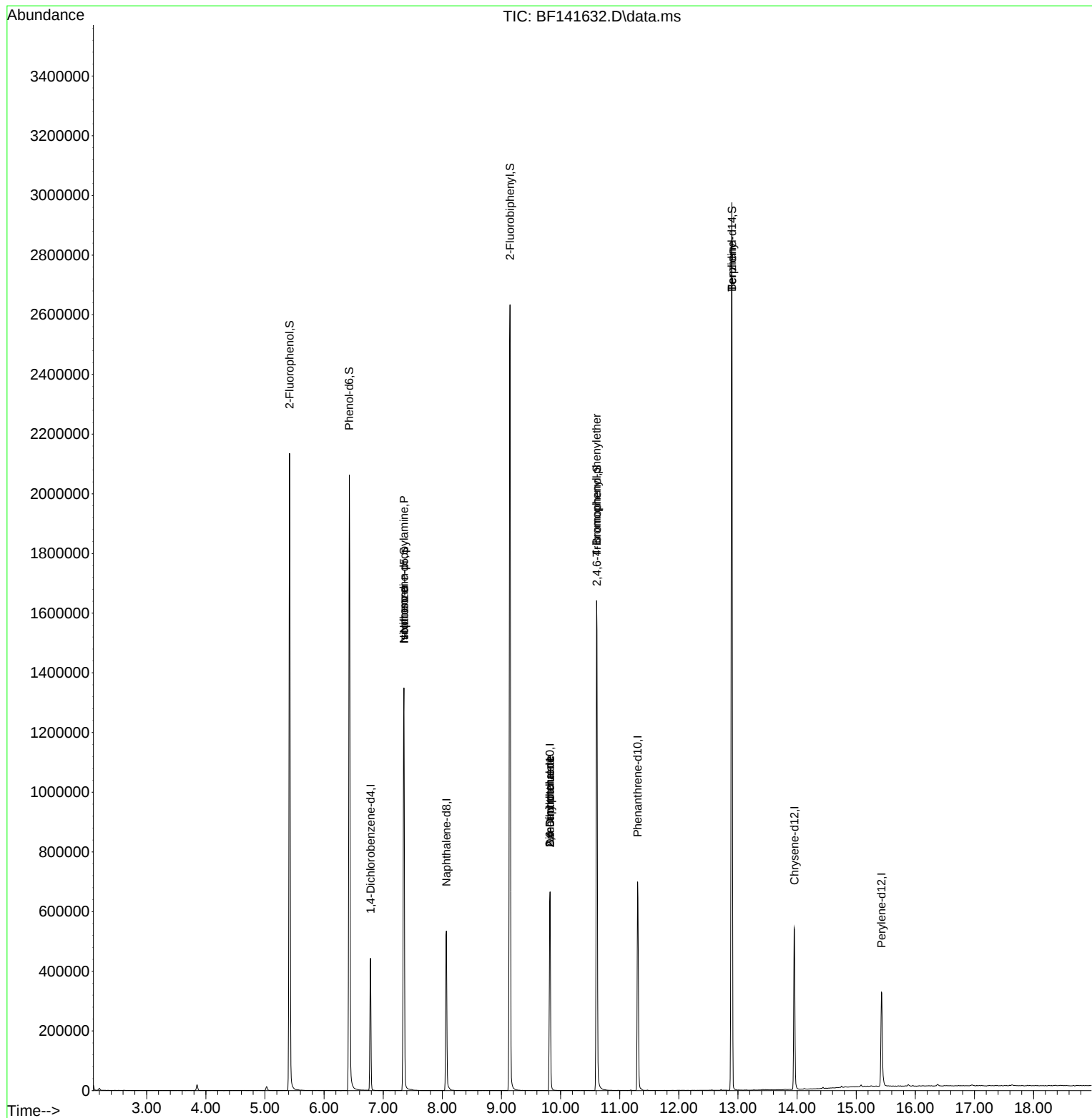
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	92383	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	385537	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	218368	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	391309	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	292293	20.000	ng	0.00
86) Perylene-d12	15.427	264	211782	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	798195	135.454	ng	0.00
7) Phenol-d6	6.428	99	983492	132.049	ng	-0.01
23) Nitrobenzene-d5	7.351	82	653275	88.380	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	285090	129.964	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1243275	87.716	ng	0.00
79) Terphenyl-d14	12.898	244	1566270	90.462	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	89274	20.039	ng	# 72
25) Isophorone	7.351	82	630436	53.491	ng	# 66
50) Dimethylphthalate	9.822	163	32422	2.187	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	28216	8.707	ng	# 21
57) 2,4-Dinitrotoluene	9.822	165	28216	6.540	ng	# 18
67) 4-Bromophenyl-phenylether	10.610	248	19683	4.501	ng	# 1
77) Benzidine	12.898	184	20858	3.236	ng	# 91

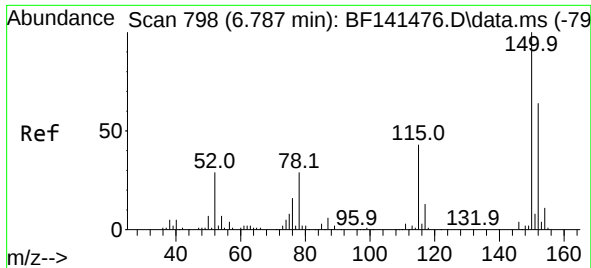
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
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Instrument :
BNA_F
ClientSampleId :
PB166702TB

Quant Time: Feb 14 12:10:33 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

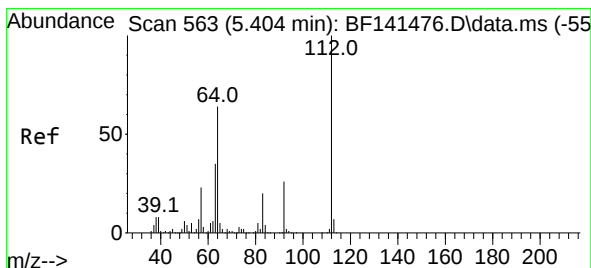
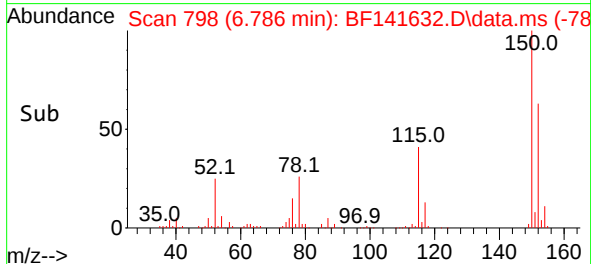
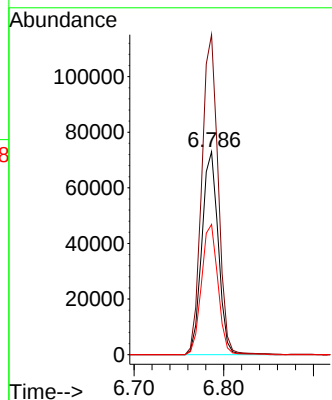
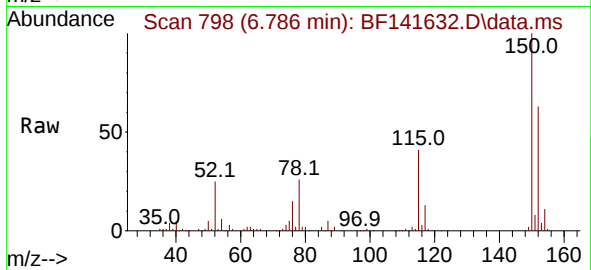




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BF141632.D
 Acq: 14 Feb 2025 11:48

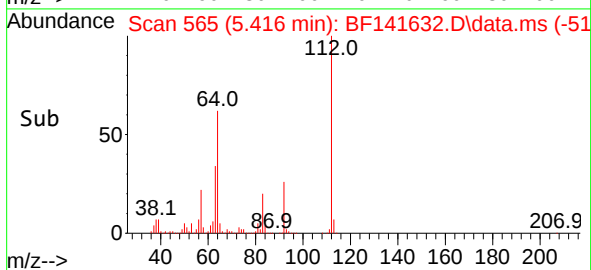
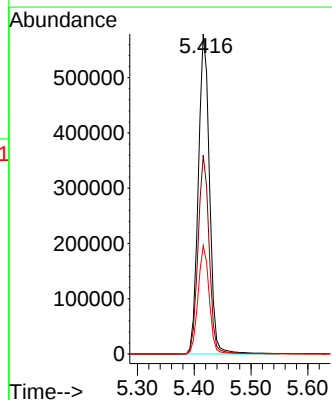
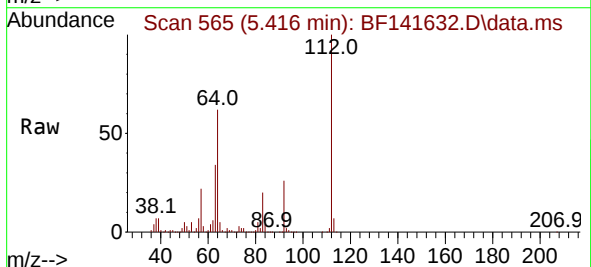
Instrument :
 BNA_F
 ClientSampleId :
 PB166702TB

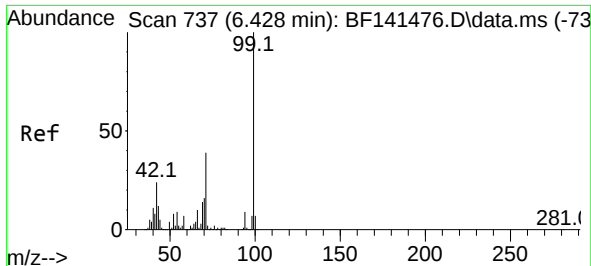
Tgt Ion:152 Resp: 92383
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.0 187.4
 115 64.2 53.6 80.4



#5
 2-Fluorophenol
 Concen: 135.454 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141632.D
 Acq: 14 Feb 2025 11:48

Tgt Ion:112 Resp: 798195
 Ion Ratio Lower Upper
 112 100
 64 62.2 51.1 76.7
 63 33.8 28.4 42.6





#7
Phenol-d6
Concen: 132.049 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

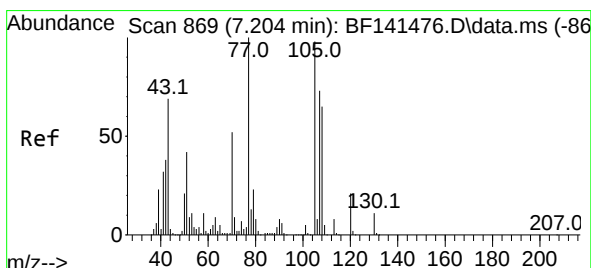
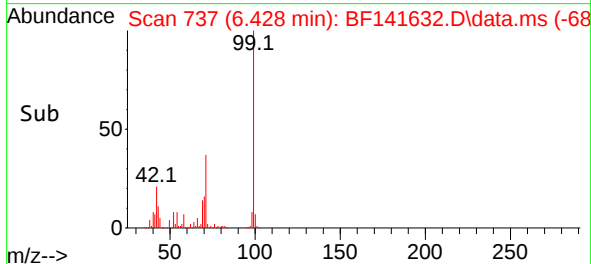
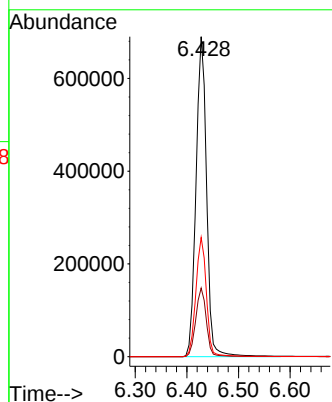
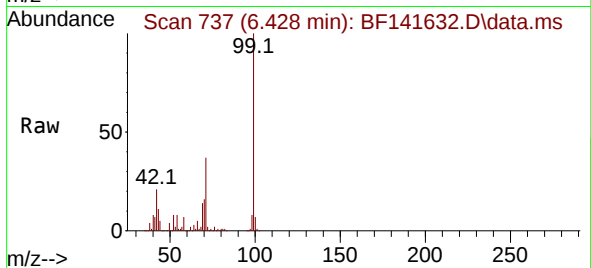
Instrument :

BNA_F

ClientSampleId :

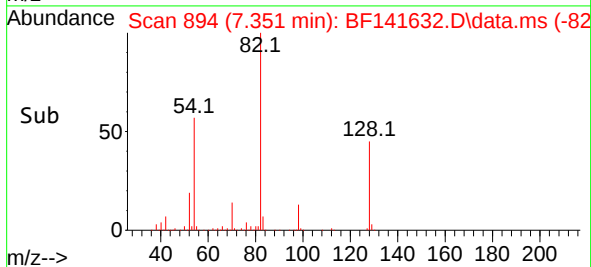
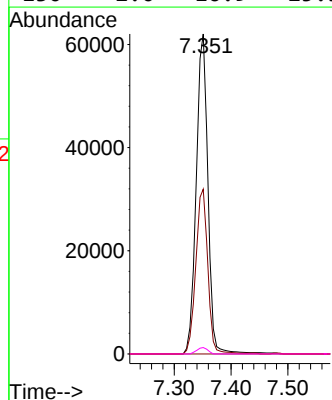
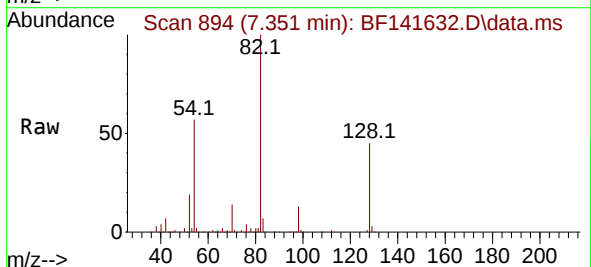
PB166702TB

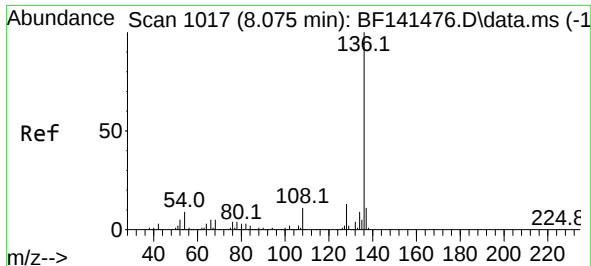
Tgt Ion: 99 Resp: 983492
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 37.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.039 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

Tgt Ion: 70 Resp: 89274
Ion Ratio Lower Upper
70 100
42 51.5 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

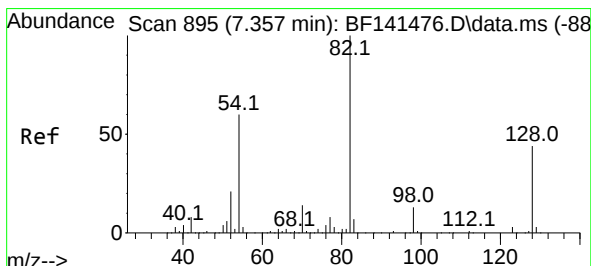
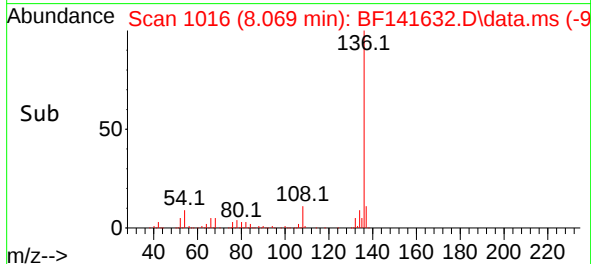
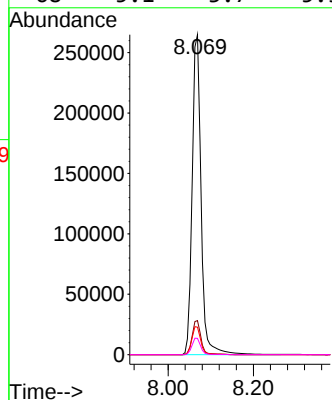
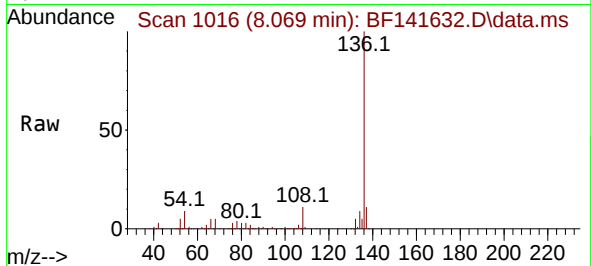




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

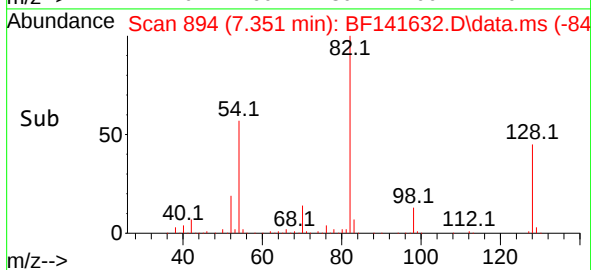
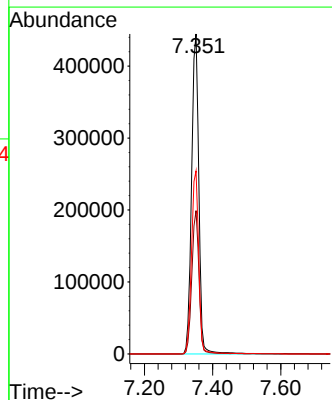
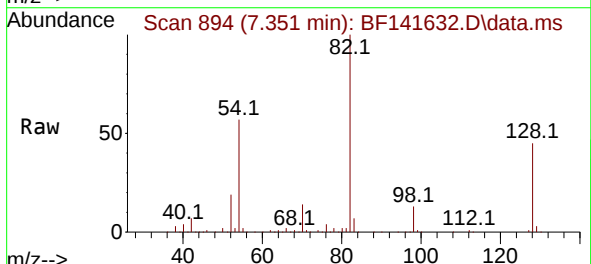
Instrument :
BNA_F
ClientSampleId :
PB166702TB

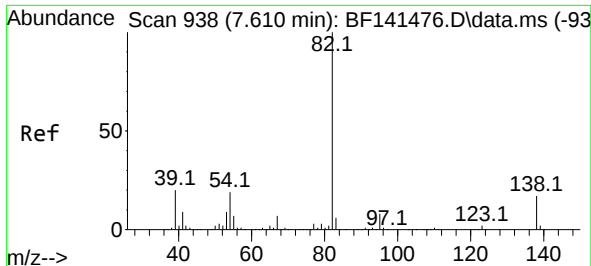
Tgt	Ion:136	Resp:	385537
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.6	7.2	10.8
68	5.1	3.7	5.5



#23
Nitrobenzene-d5
Concen: 88.380 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

Tgt Ion: 82	Resp: 653275
Ion Ratio	Lower Upper
82 100	
128 44.8	34.8 52.2
54 57.2	48.2 72.4

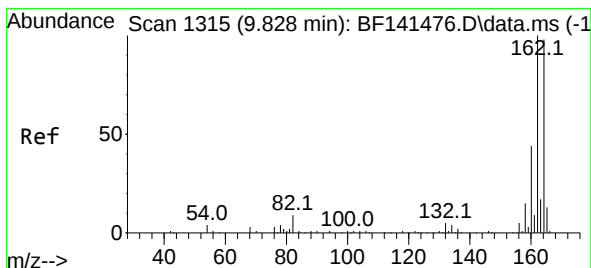
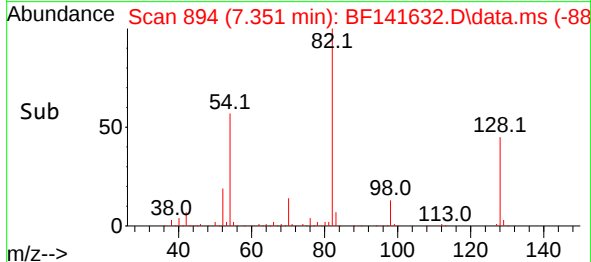
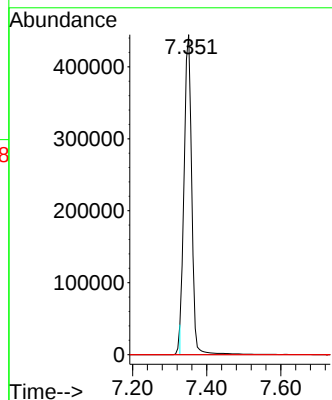
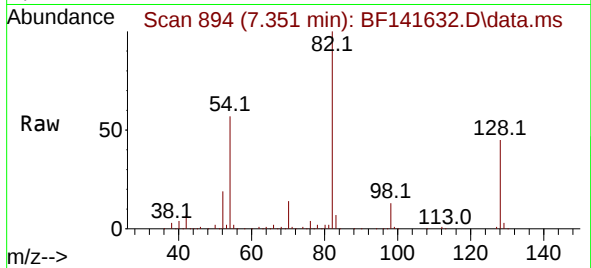




#25
Isophorone
Concen: 53.491 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

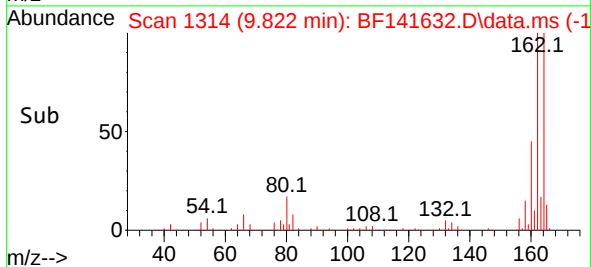
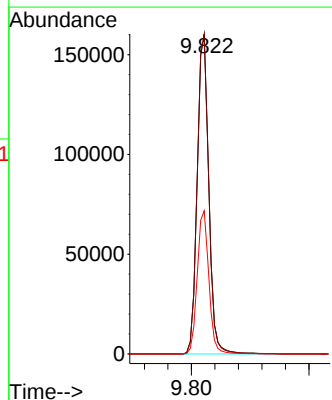
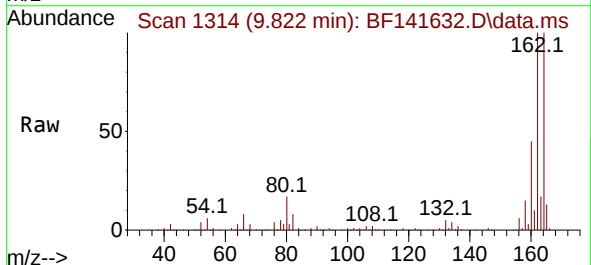
Instrument :
BNA_F
ClientSampleId :
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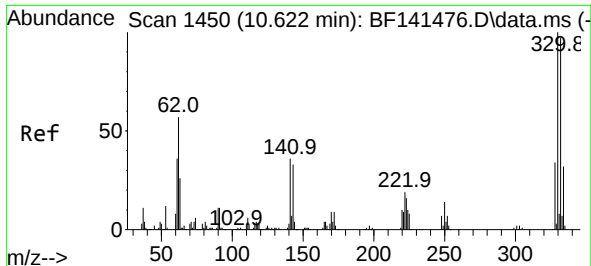
Tgt Ion: 82 Resp: 630436
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

Tgt Ion:164 Resp: 218368
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 129.964 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141632.D

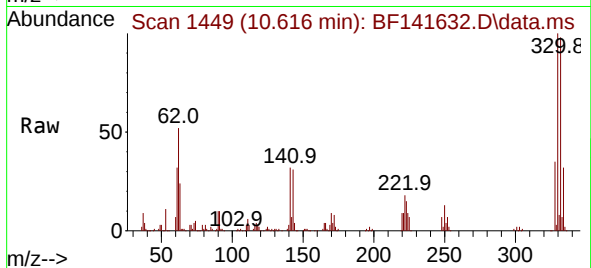
Acq: 14 Feb 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB166702TB



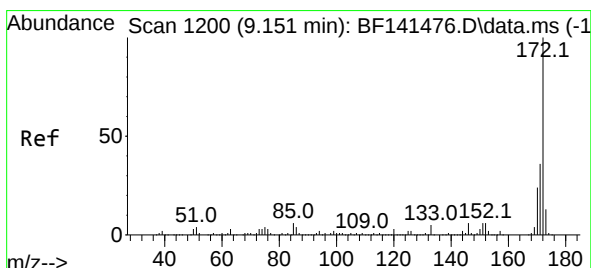
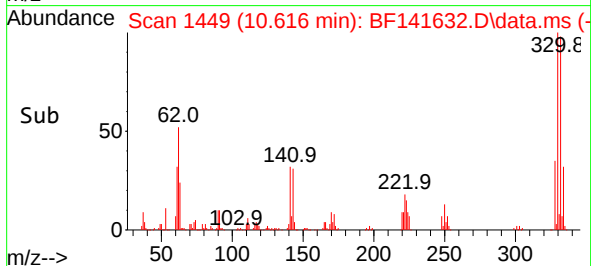
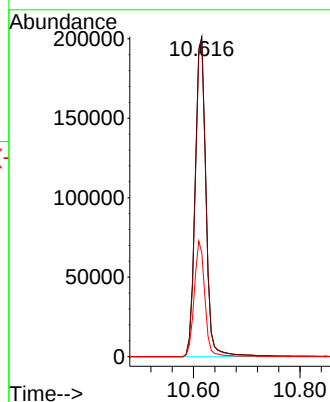
Tgt Ion:330 Resp: 285090

Ion Ratio Lower Upper

330 100

332 97.8 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 87.716 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141632.D

Acq: 14 Feb 2025 11:48

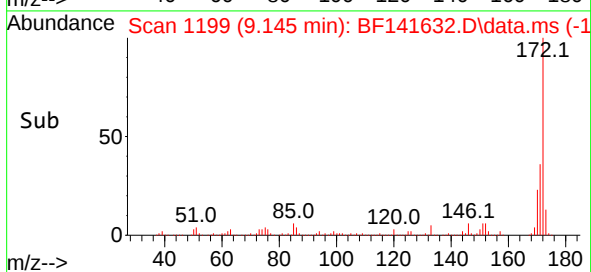
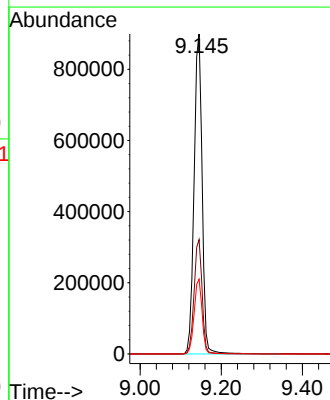
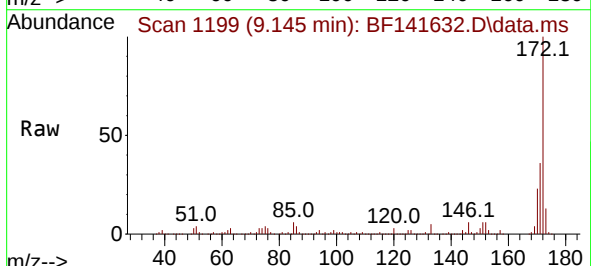
Tgt Ion:172 Resp: 1243275

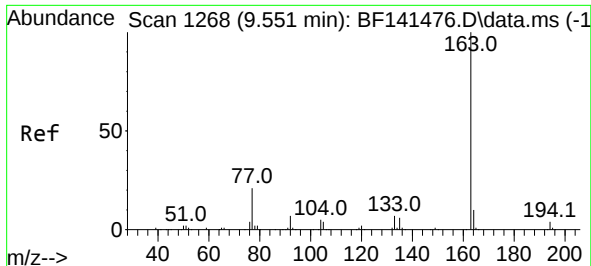
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.3 18.9 28.3

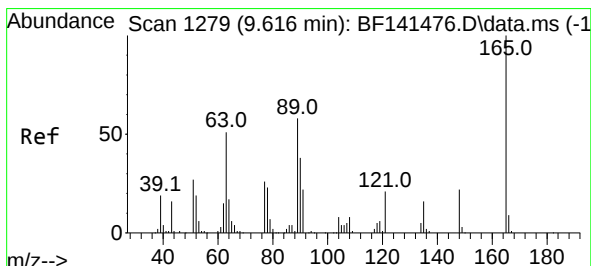
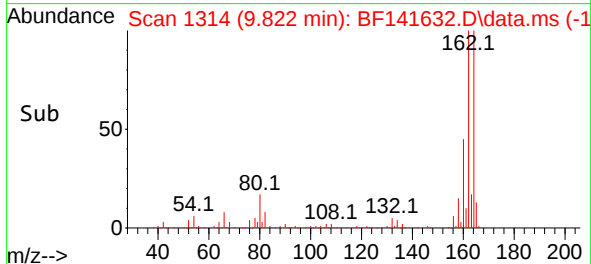
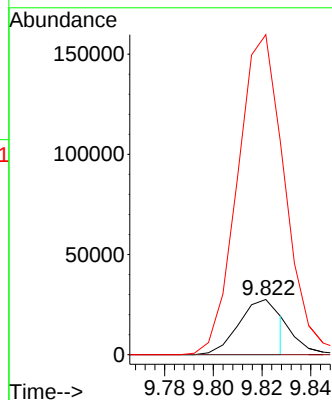
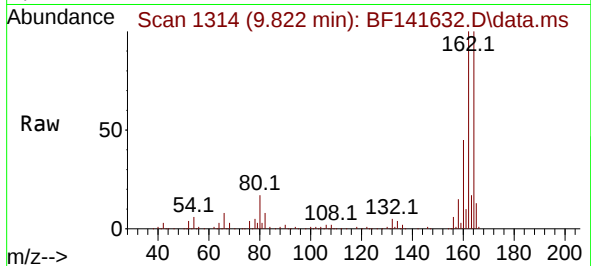




#50
Dimethylphthalate
Concen: 2.187 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

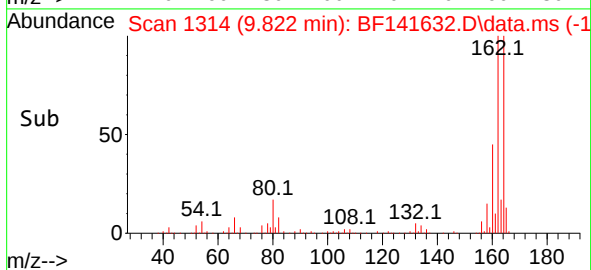
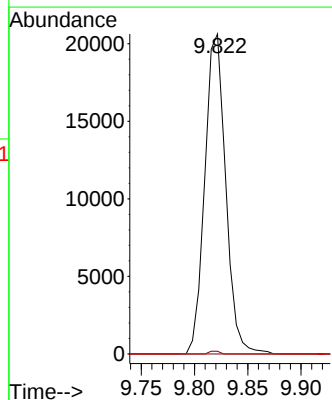
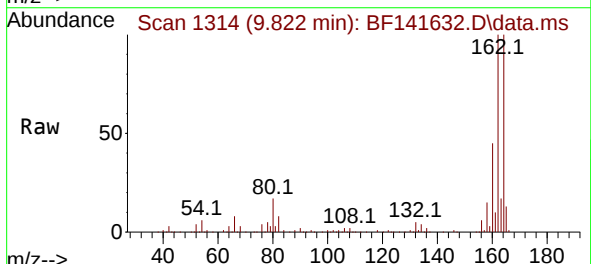
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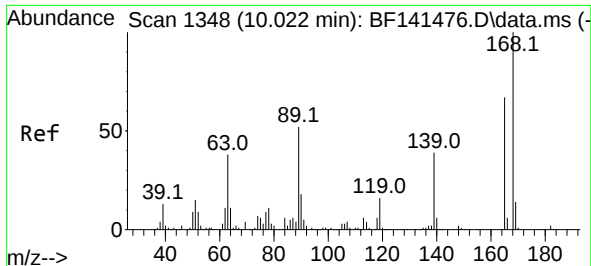
Tgt Ion:163 Resp: 32422
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 579.0 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.707 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

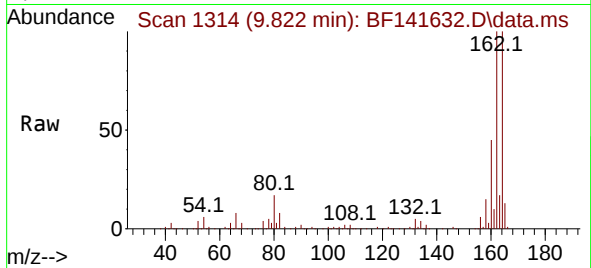
Tgt Ion:165 Resp: 28216
Ion Ratio Lower Upper
165 100
63 0.9 49.4 74.0#
89 0.0 46.5 69.7#



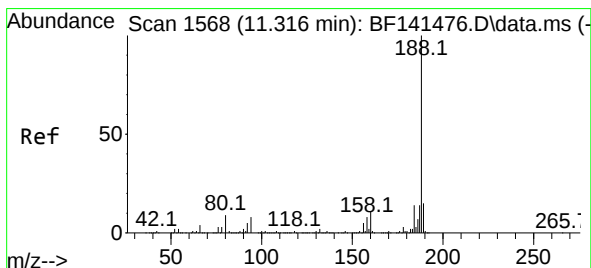
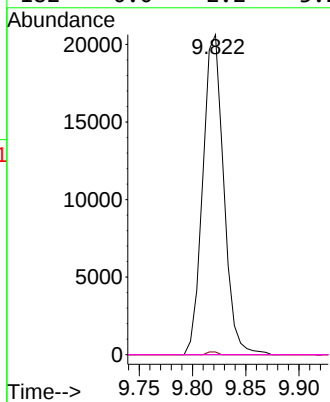
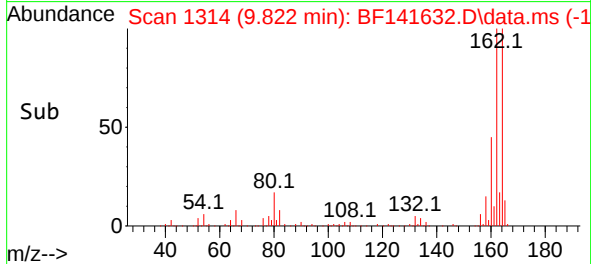


#57
2,4-Dinitrotoluene
Concen: 6.540 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

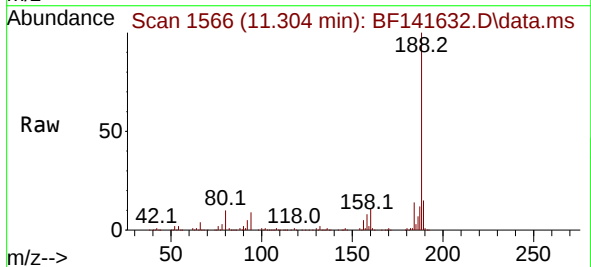
Instrument :
BNA_F
ClientSampleId :
PB166702TB



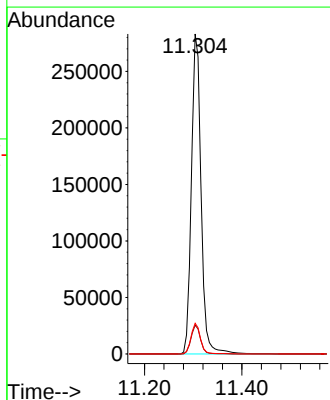
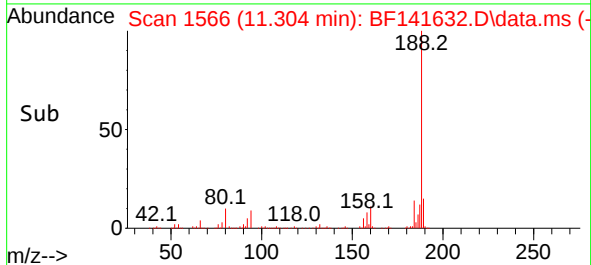
Tgt Ion:165 Resp: 28216
Ion Ratio Lower Upper
165 100
63 0.9 46.4 69.6#
89 0.0 61.8 92.6#
182 0.0 2.2 3.2#

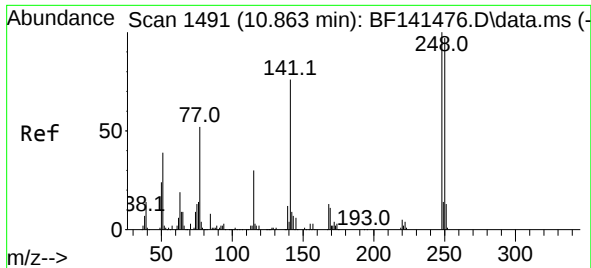


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48



Tgt Ion:188 Resp: 391309
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.6 7.3 10.9

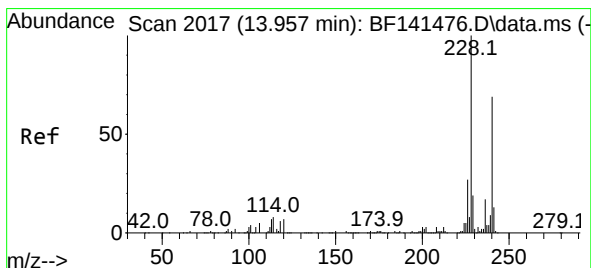
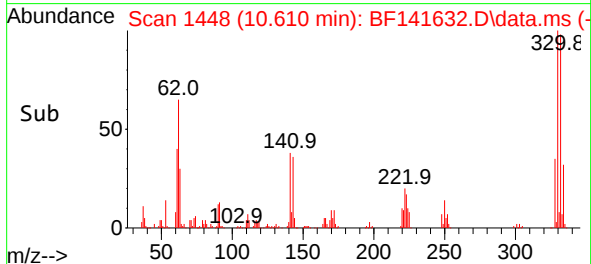
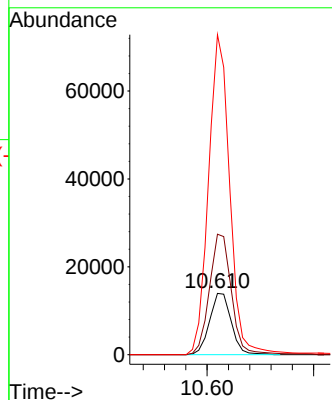
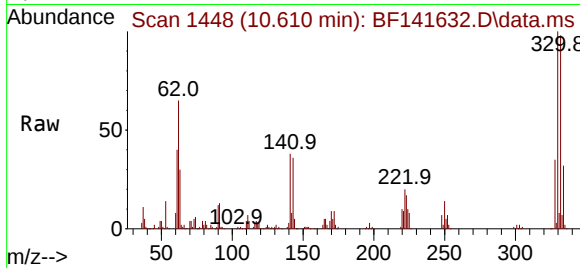




#67
4-Bromophenyl-phenylether
Concen: 4.501 ng
RT: 10.610 min Scan# 1491
Delta R.T. -0.253 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

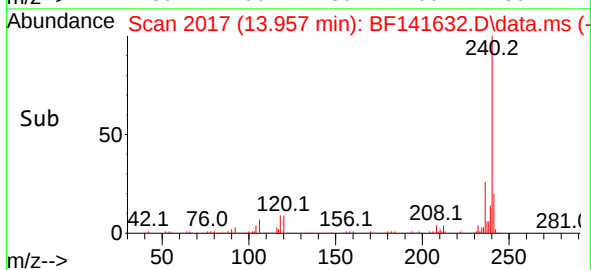
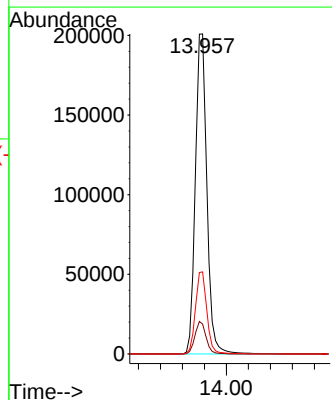
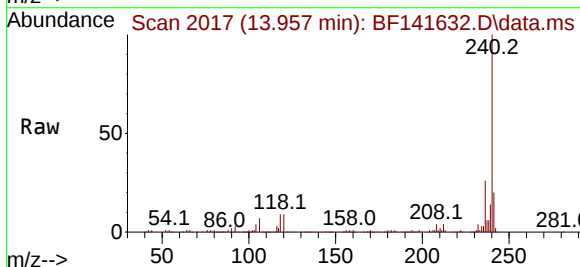
Instrument :
BNA_F
ClientSampleId :
PB166702TB

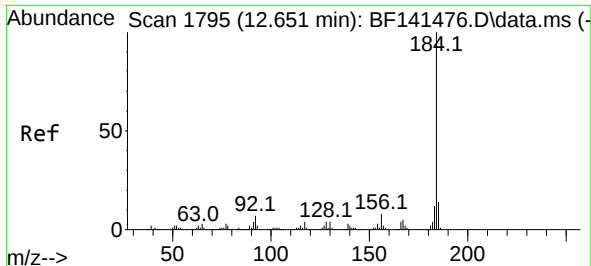
Tgt Ion:248 Resp: 19683
Ion Ratio Lower Upper
248 100
250 196.4 77.8 116.6#
141 521.6 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

Tgt Ion:240 Resp: 292293
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 25.6 19.8 29.8

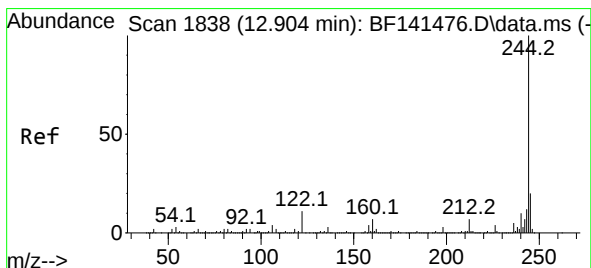
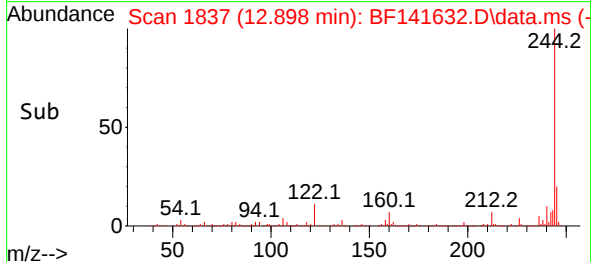
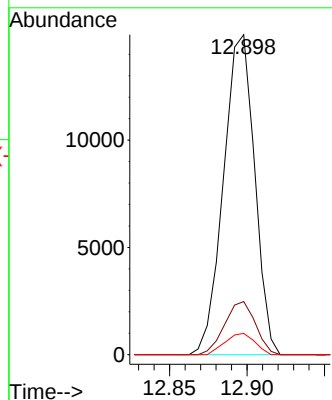
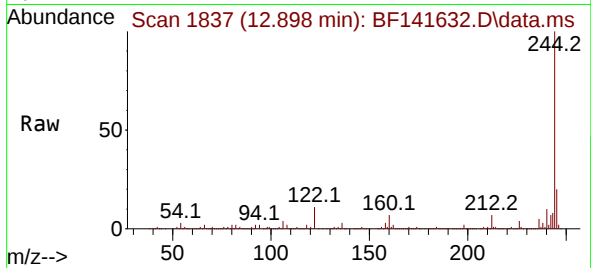




#77
Benzidine
Concen: 3.236 ng
RT: 12.898 min Scan# 1837
Delta R.T. 0.241 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

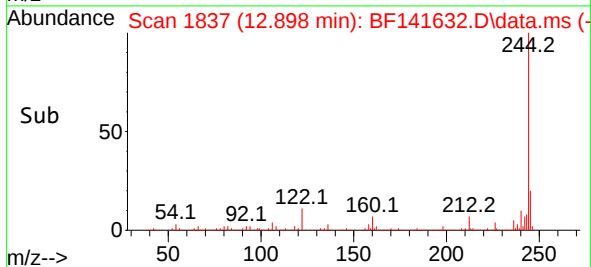
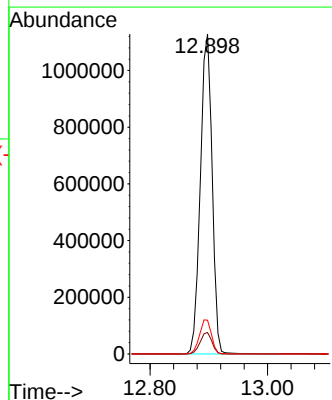
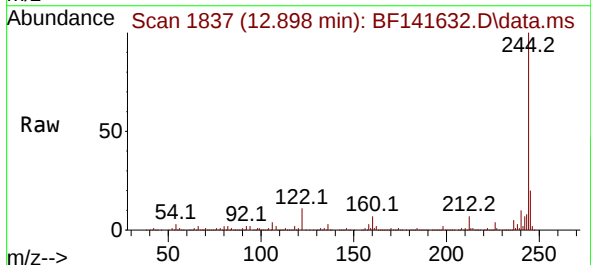
Instrument :
BNA_F
ClientSampleId :
PB166702TB

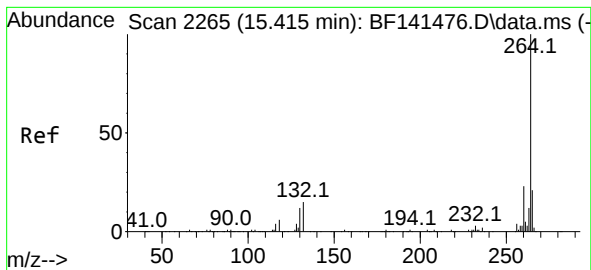
Tgt Ion:184 Resp: 20858
Ion Ratio Lower Upper
184 100
185 16.6 11.3 16.9
183 6.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 90.462 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

Tgt Ion:244 Resp: 1566270
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.6 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF141632.D
 Acq: 14 Feb 2025 11:48

Instrument :
 BNA_F
 ClientSampleId :
 PB166702TB

Tgt Ion:264 Resp: 211782
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.4 17.0 25.4

