

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141554.D
 Acq On : 11 Feb 2025 11:47
 Operator : RC/JU
 Sample : PB166641BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BL

Quant Time: Feb 11 12:13:33 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)

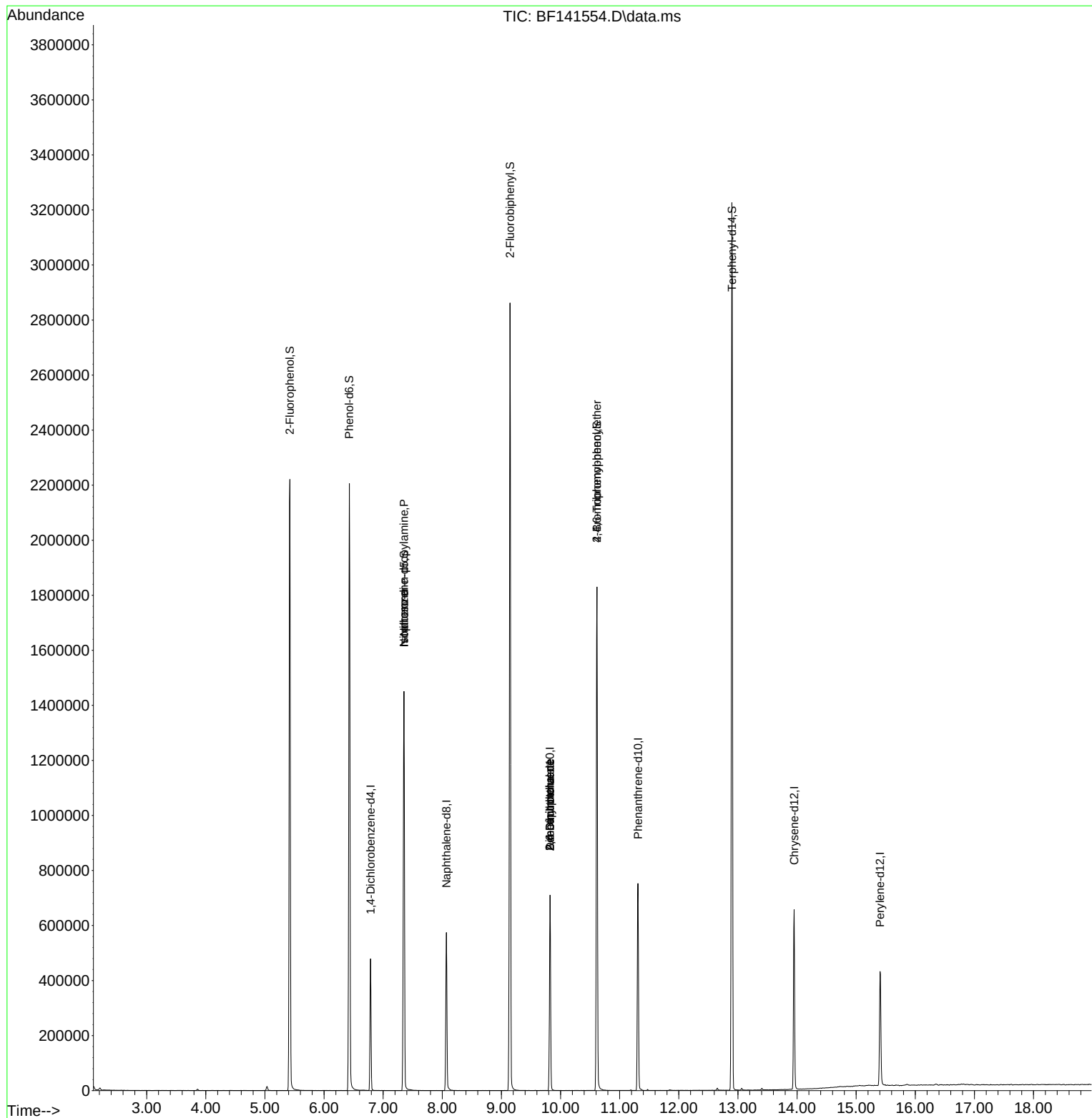
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	97044	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	390720	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	219692	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	401003	20.000	ng	0.00
76) Chrysene-d12	13.951	240	328820	20.000	ng	-0.01
86) Perylene-d12	15.404	264	255232	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	825237	133.317	ng	0.01
7) Phenol-d6	6.428	99	1033560	132.106	ng	-0.01
23) Nitrobenzene-d5	7.351	82	694900	92.764	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	305667	138.505	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1328906	93.193	ng	0.00
79) Terphenyl-d14	12.898	244	1664298	85.446	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	95066	20.314	ng	# 74
25) Isophorone	7.351	82	671934	56.256	ng	# 66
50) Dimethylphthalate	9.822	163	30810	2.066	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	28093	8.617	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	28093	6.473	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	21675	4.836	ng	# 1

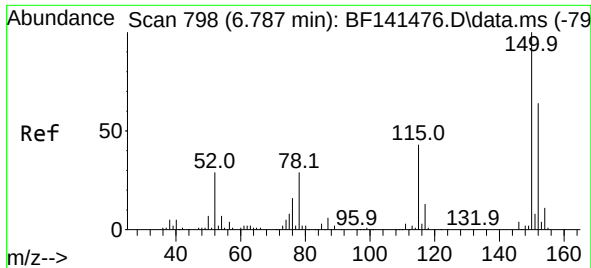
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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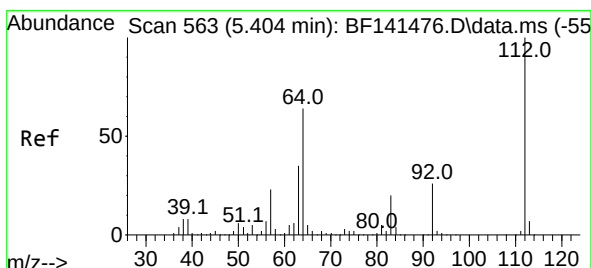
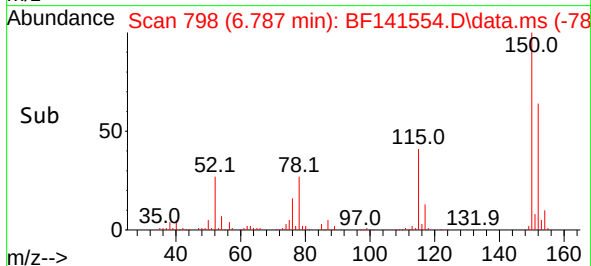
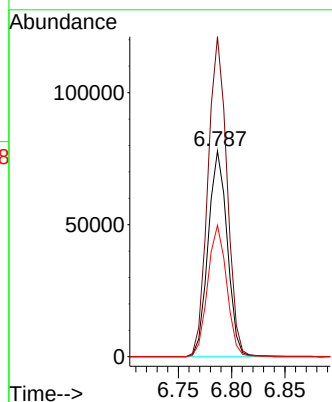
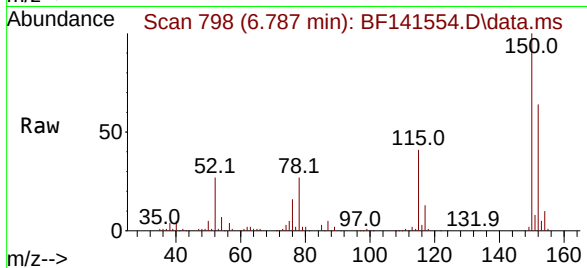




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141554.D
 Acq: 11 Feb 2025 11:47

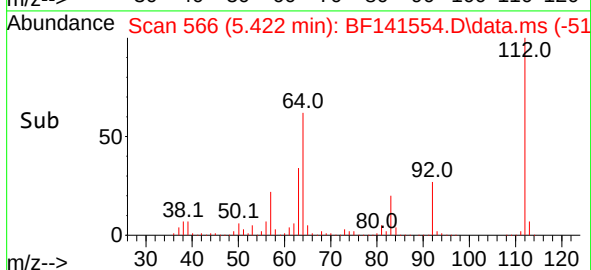
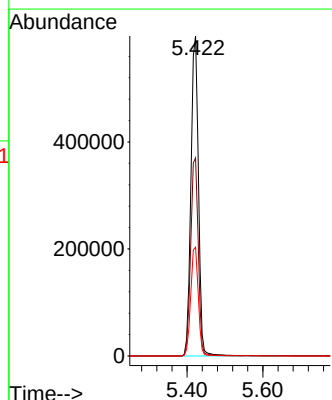
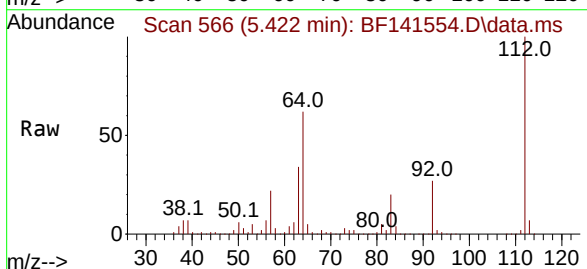
Instrument :
 BNA_F
 ClientSampleId :
 PB166641BL

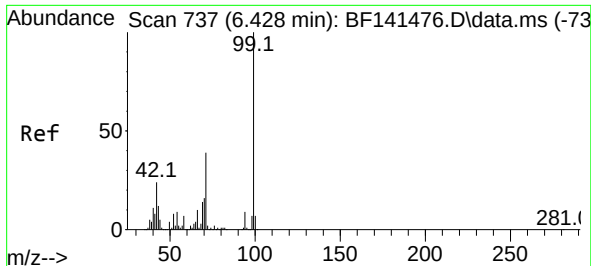
Tgt Ion:152 Resp: 97044
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.0 187.4
 115 63.9 53.6 80.4



#5
 2-Fluorophenol
 Concen: 133.317 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141554.D
 Acq: 11 Feb 2025 11:47

Tgt Ion:112 Resp: 825237
 Ion Ratio Lower Upper
 112 100
 64 61.9 51.1 76.7
 63 34.0 28.4 42.6

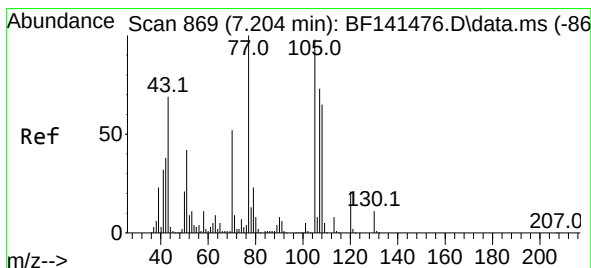
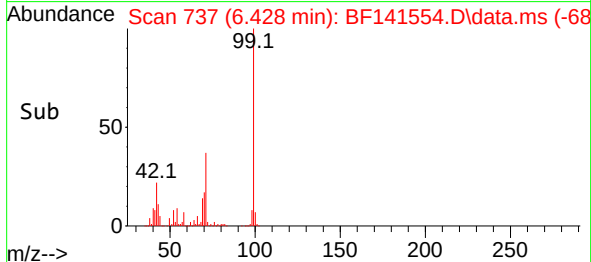
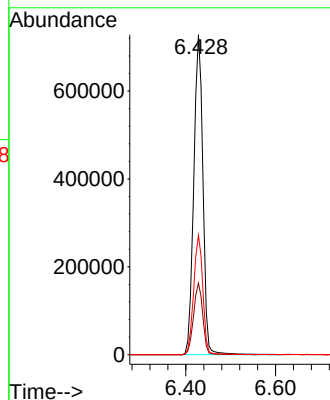
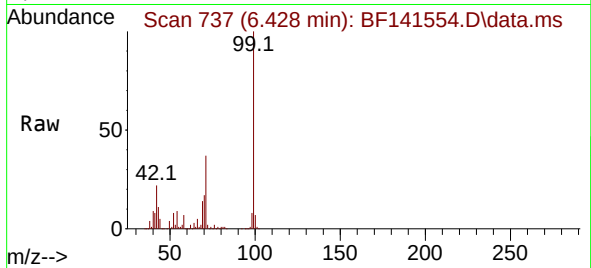




#7
Phenol-d6
Concen: 132.106 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

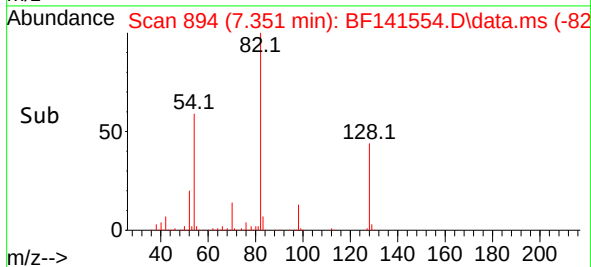
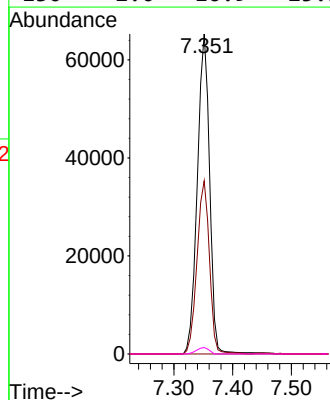
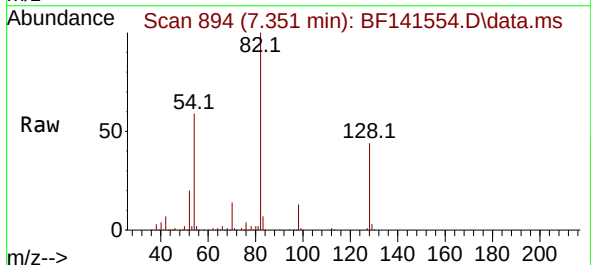
Instrument :
BNA_F
ClientSampleId :
PB166641BL

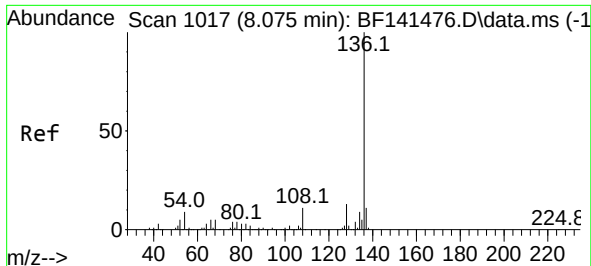
Tgt Ion: 99 Resp: 1033560
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.314 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion: 70 Resp: 95066
Ion Ratio Lower Upper
70 100
42 54.1 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

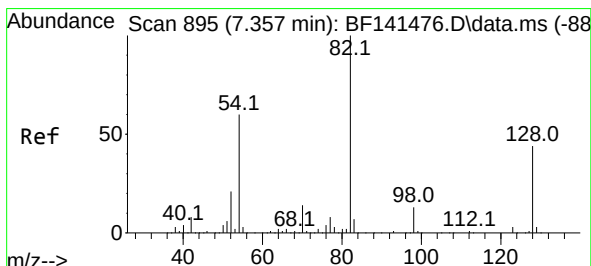
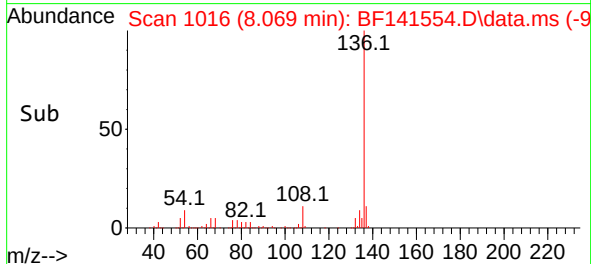
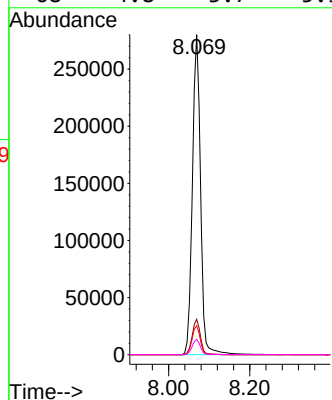
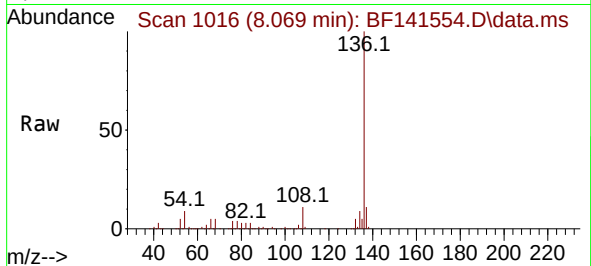




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

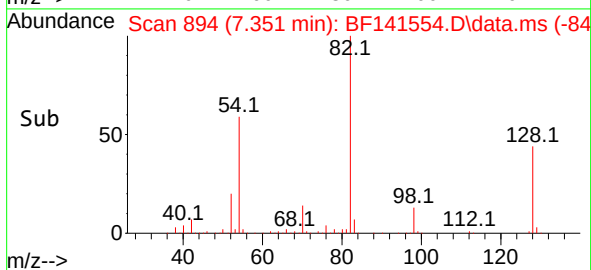
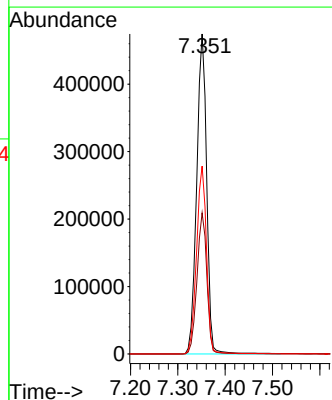
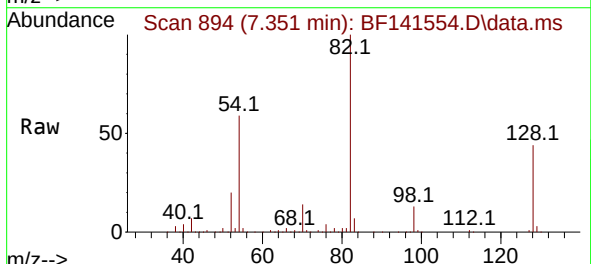
Instrument :
BNA_F
ClientSampleId :
PB166641BL

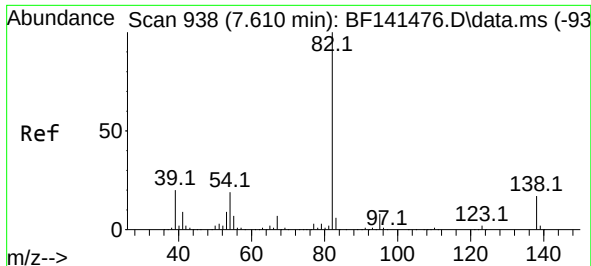
Tgt Ion:136 Resp: 390720
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.0 7.2 10.8
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 92.764 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion: 82 Resp: 694900
Ion Ratio Lower Upper
82 100
128 44.1 34.8 52.2
54 58.7 48.2 72.4

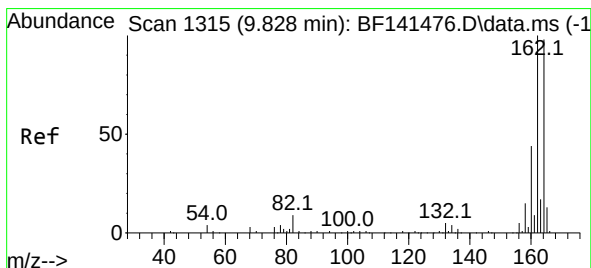
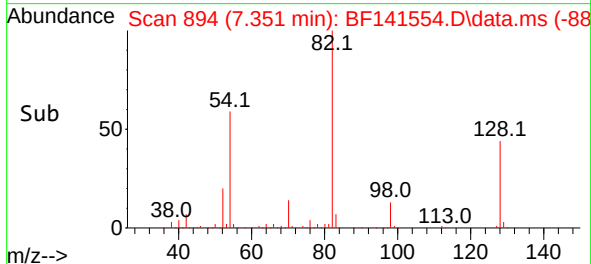
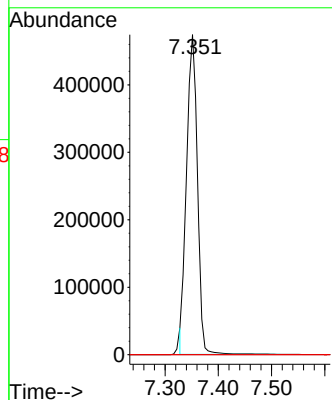
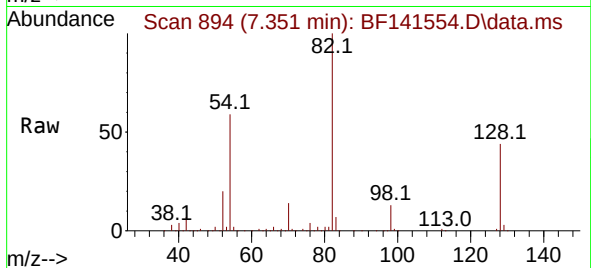




#25
Isophorone
Concen: 56.256 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

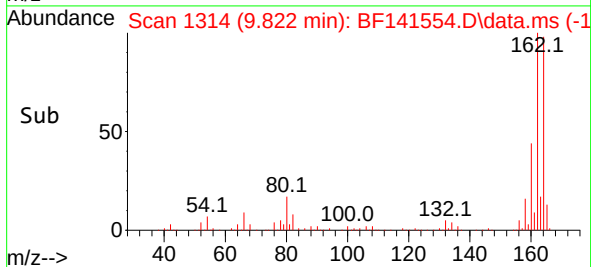
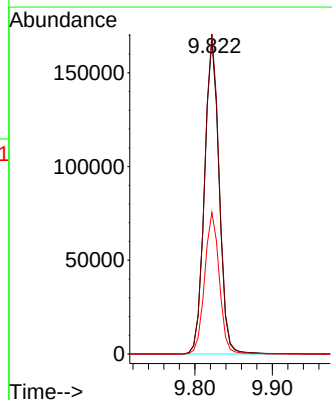
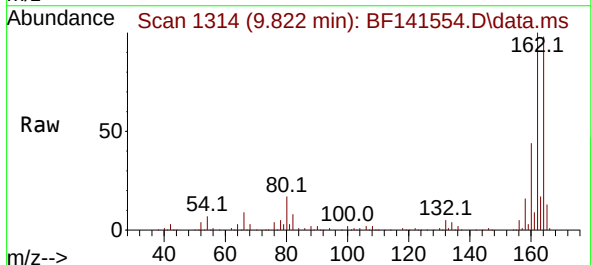
Instrument :
BNA_F
ClientSampleId :
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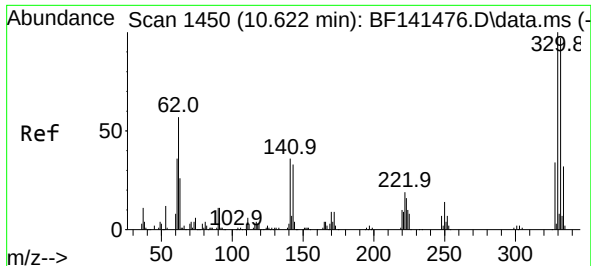
Tgt Ion: 82 Resp: 671934
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion: 164 Resp: 219692
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 45.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 138.505 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141554.D

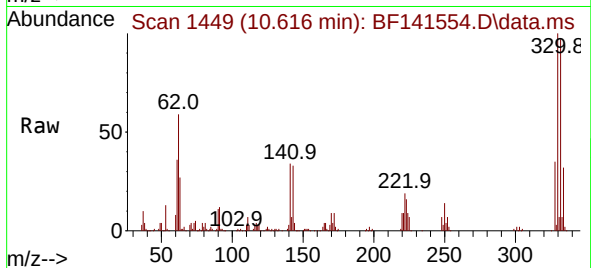
Acq: 11 Feb 2025 11:47

Instrument :

BNA_F

ClientSampleId :

PB166641BL



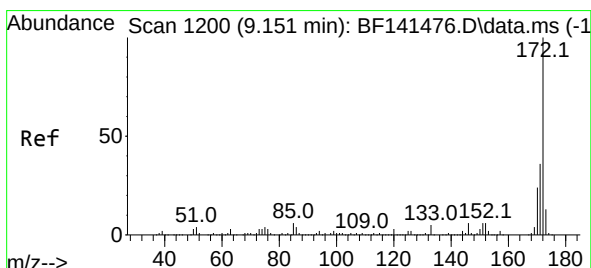
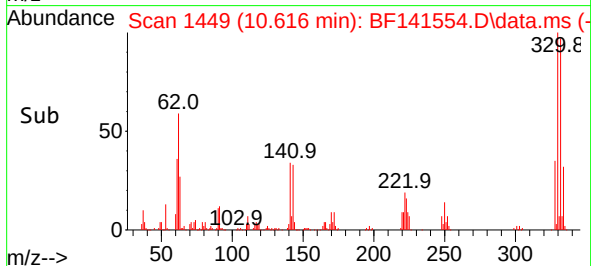
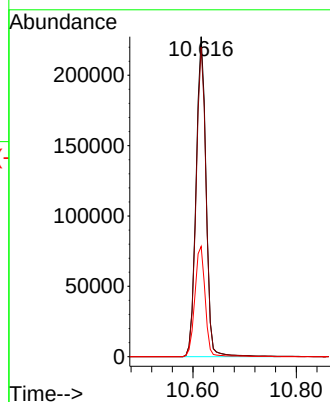
Tgt Ion:330 Resp: 305667

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 93.193 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141554.D

Acq: 11 Feb 2025 11:47

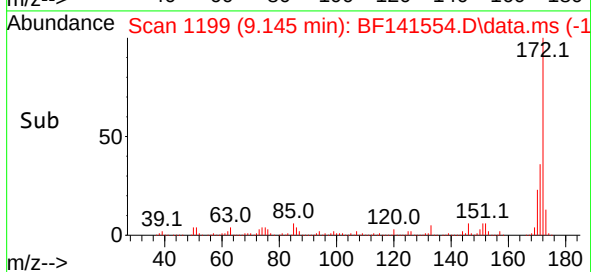
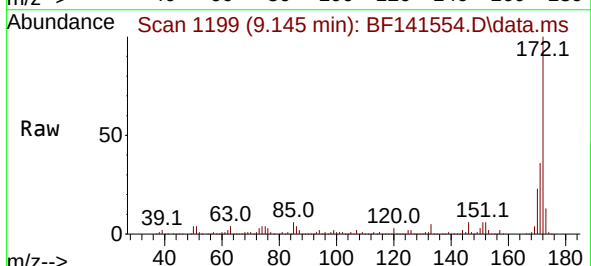
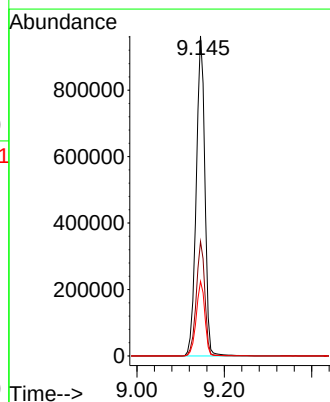
Tgt Ion:172 Resp: 1328906

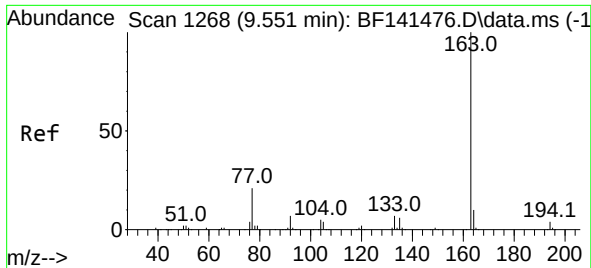
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.3 18.9 28.3

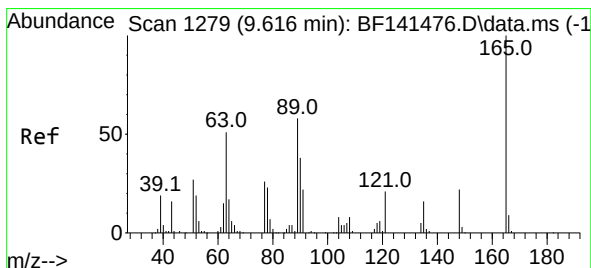
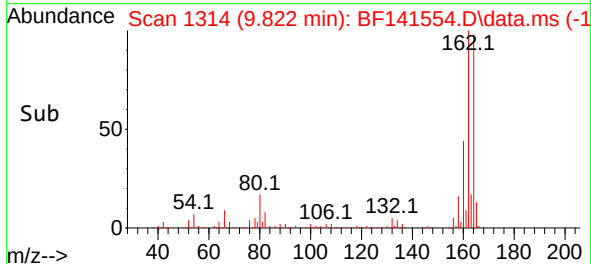
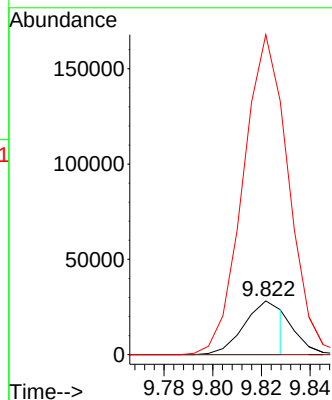
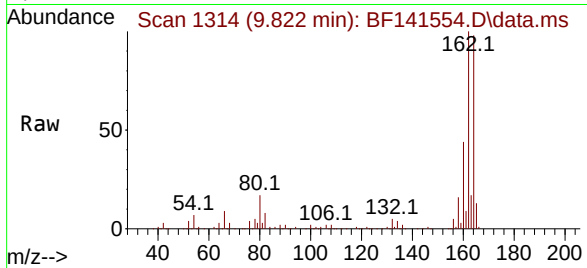




#50
Dimethylphthalate
Concen: 2.066 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

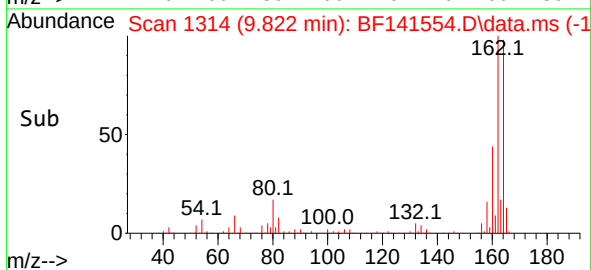
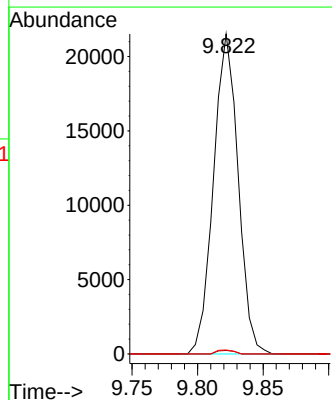
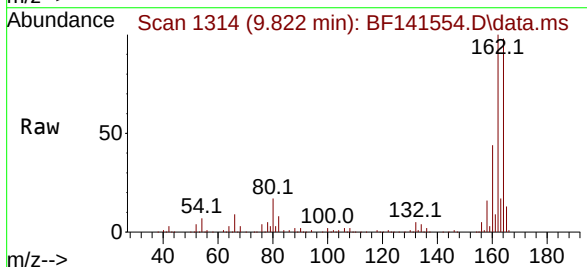
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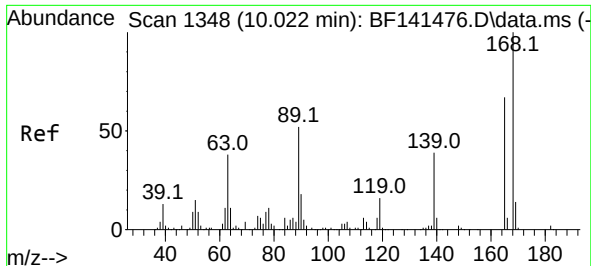
Tgt Ion:163 Resp: 30810
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 595.8 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.617 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

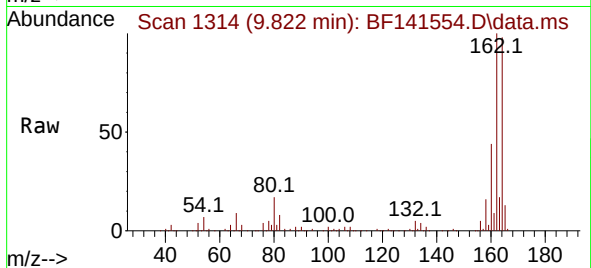
Tgt Ion:165 Resp: 28093
Ion Ratio Lower Upper
165 100
63 1.1 49.4 74.0#
89 1.3 46.5 69.7#



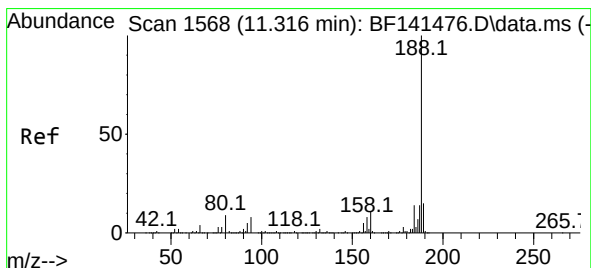
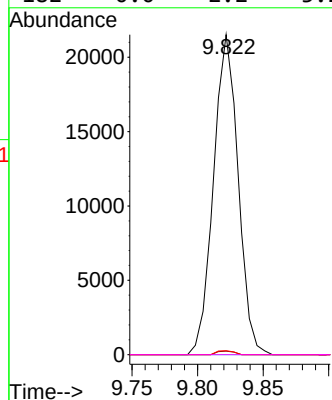
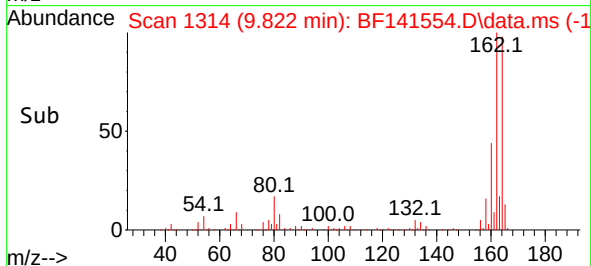


#57
2,4-Dinitrotoluene
Concen: 6.473 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

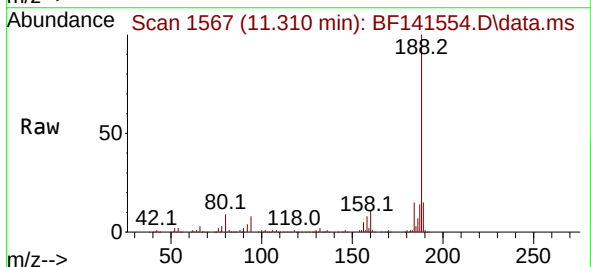
Instrument :
BNA_F
ClientSampleId :
PB166641BL



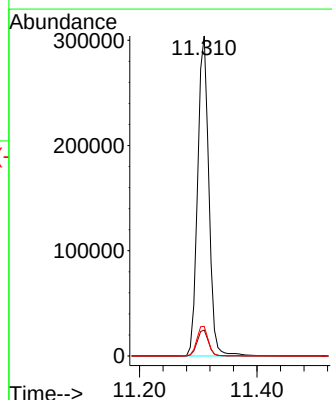
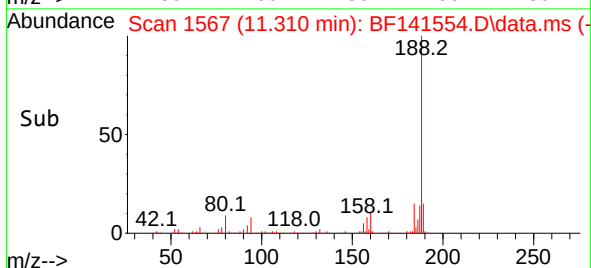
Tgt Ion:165 Resp: 28093
Ion Ratio Lower Upper
165 100
63 1.1 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#

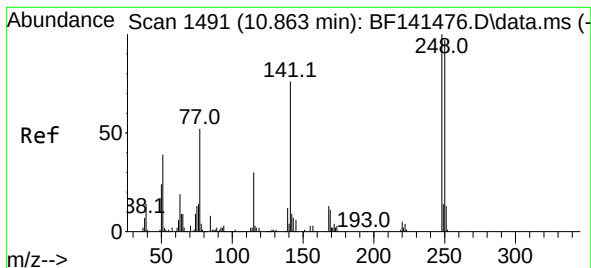


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47



Tgt Ion:188 Resp: 401003
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 9.3 7.3 10.9

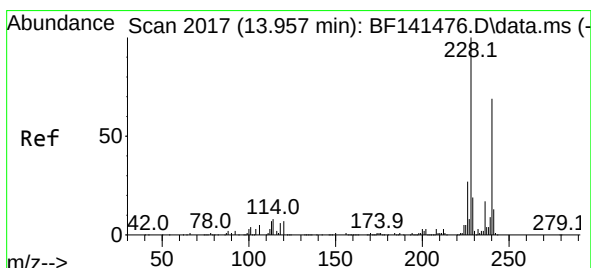
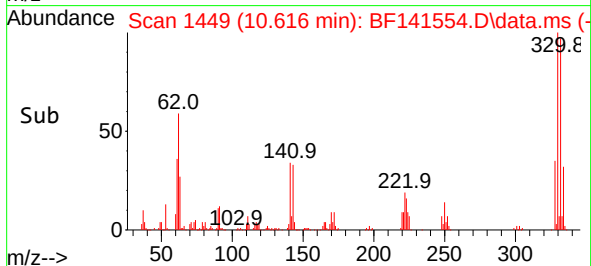
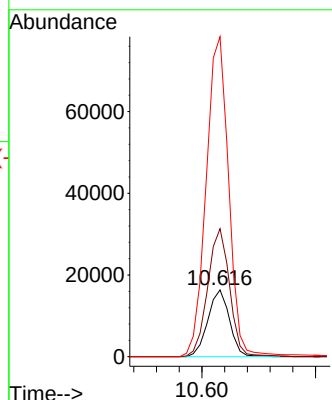
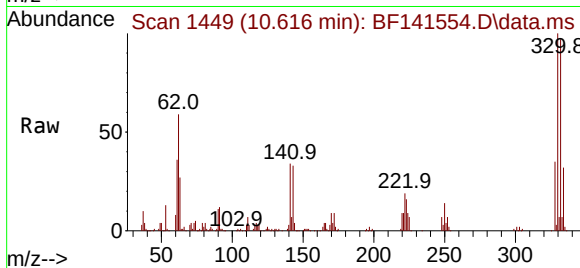




#67
4-Bromophenyl-phenylether
Concen: 4.836 ng
RT: 10.616 min Scan# 1491
Delta R.T. -0.247 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

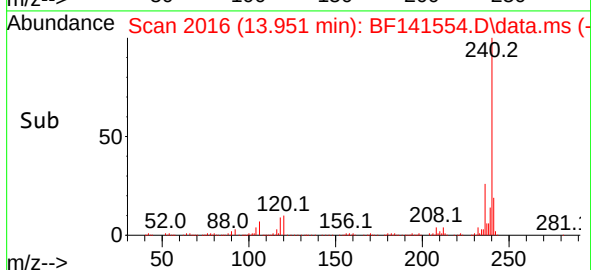
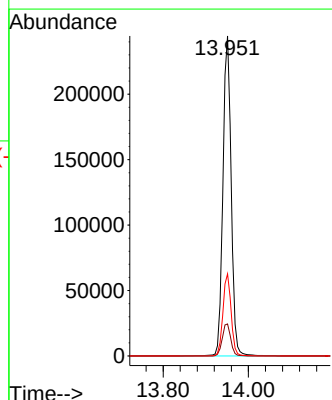
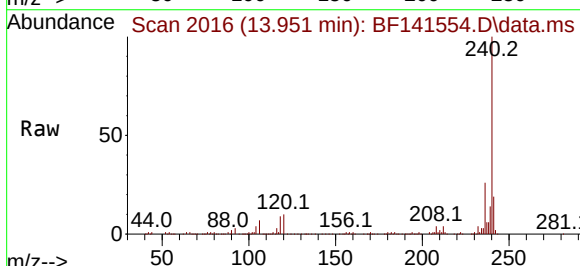
Instrument :
BNA_F
ClientSampleId :
PB166641BL

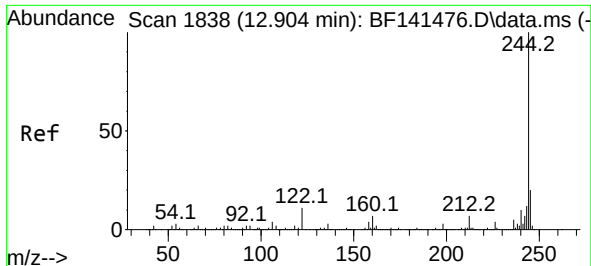
Tgt Ion:248 Resp: 21675
Ion Ratio Lower Upper
248 100
250 191.7 77.8 116.6#
141 479.3 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

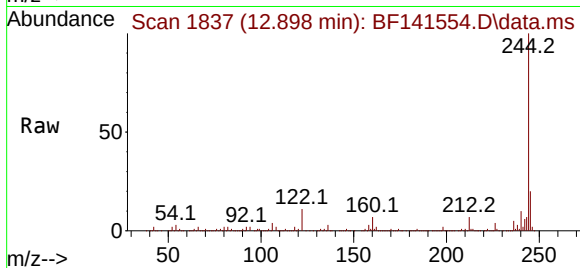
Tgt Ion:240 Resp: 328820
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.6 19.8 29.8



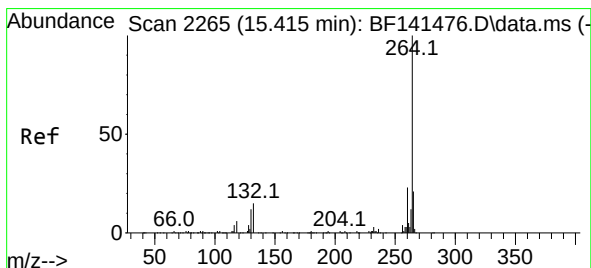
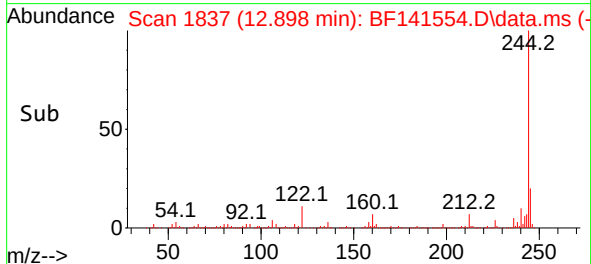
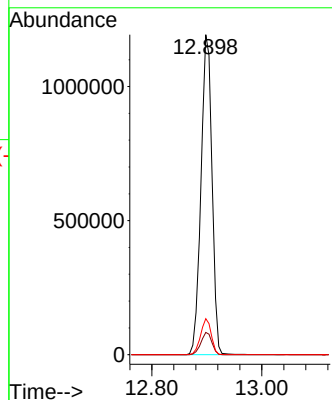


#79
Terphenyl-d14
Concen: 85.446 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Instrument :
BNA_F
ClientSampleId :
PB166641BL



Tgt Ion:244 Resp: 1664298
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.3 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:264 Resp: 255232
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.2 17.0 25.4

