

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141640.D
 Acq On : 14 Feb 2025 15:30
 Operator : RC/JU
 Sample : PB166719BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166719BL

Quant Time: Feb 14 15:52:53 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)

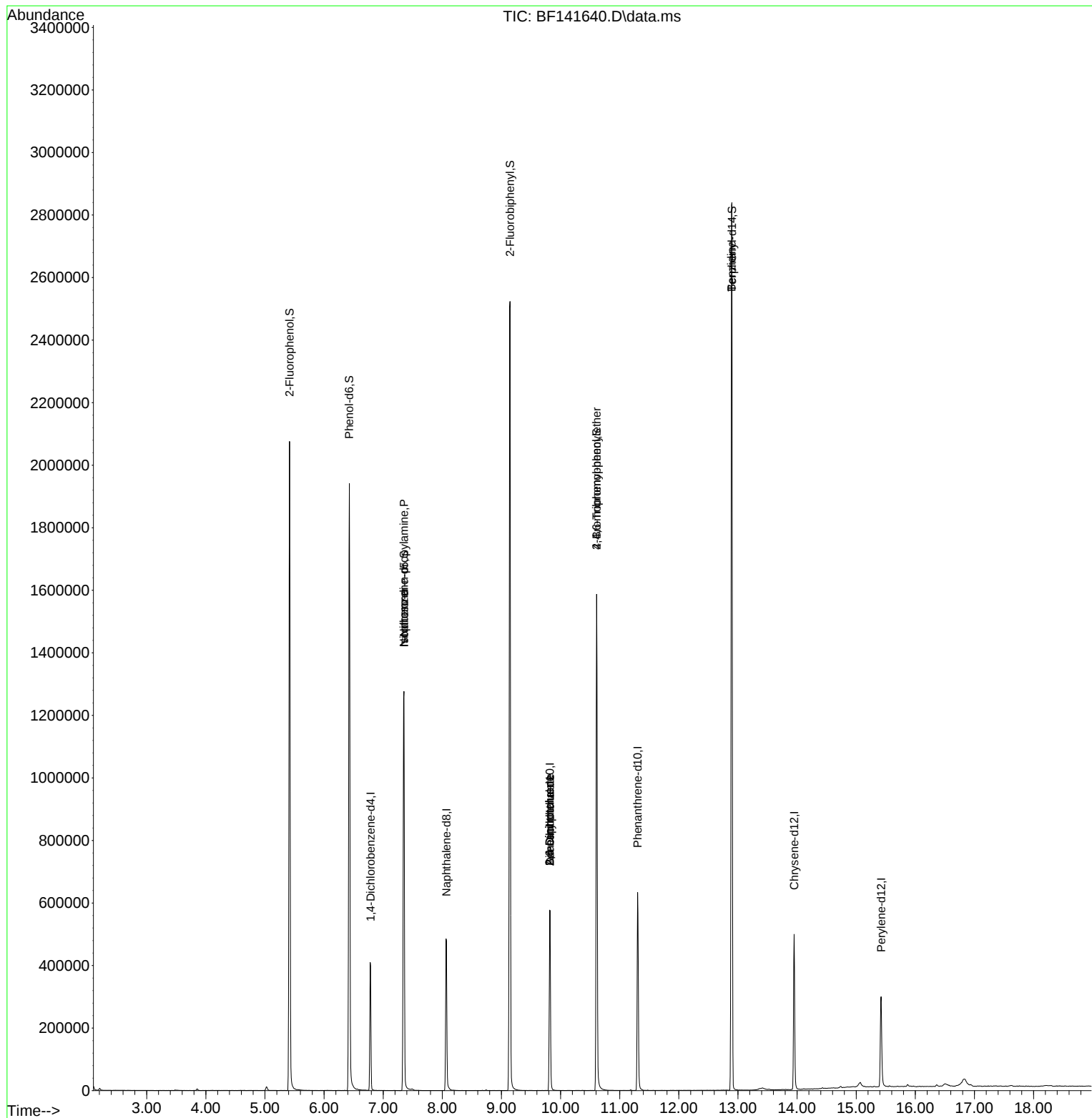
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	87966	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	348866	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	195731	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	353644	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	263315	20.000	ng	-0.01
86) Perylene-d12	15.421	264	191778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	762993	135.982	ng	0.00
7) Phenol-d6	6.428	99	946107	133.408	ng	-0.01
23) Nitrobenzene-d5	7.351	82	625105	93.458	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	268720	136.669	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1209125	95.173	ng	0.00
79) Terphenyl-d14	12.898	244	1516258	97.211	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.351	70	86923	20.491	ng	# 72
25) Isophorone	7.351	82	594731	55.766	ng	# 66
50) Dimethylphthalate	9.822	163	29896	2.250	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	24829	8.548	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	24829	6.421	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	18758	4.746	ng	# 1
77) Benzidine	12.892	184	20150	3.470	ng	# 92

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

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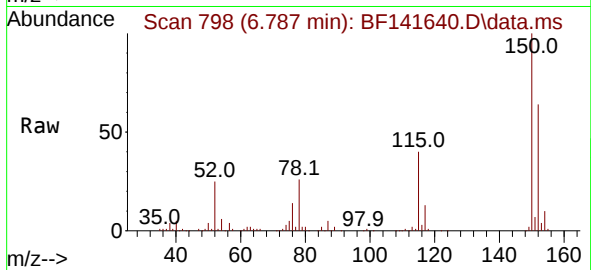
Quant Time: Feb 14 15:52:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
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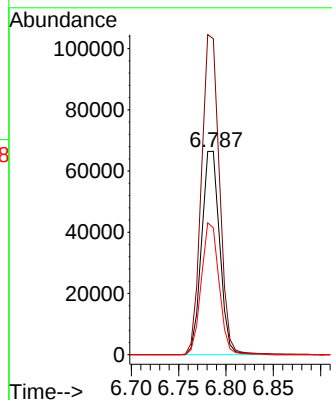
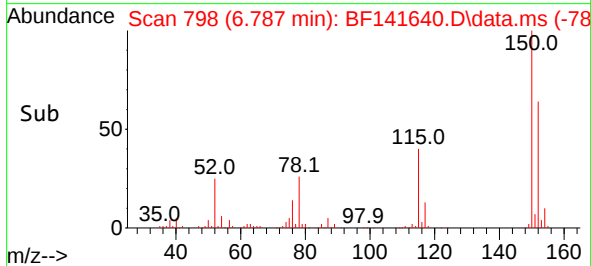


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

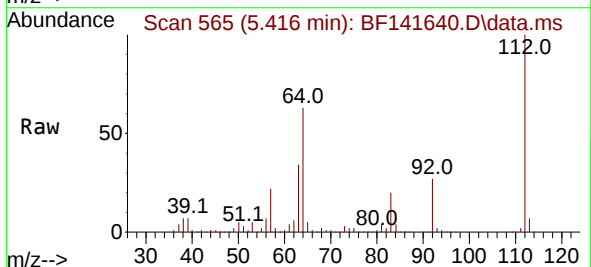
Instrument :
BNA_F
ClientSampleId :
PB166719BL



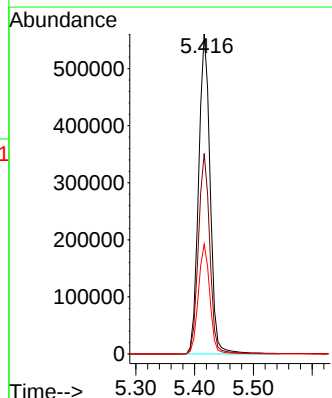
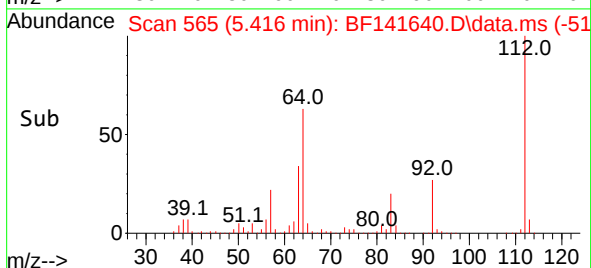
Tgt Ion:152 Resp: 87966
Ion Ratio Lower Upper
152 100
150 155.5 125.0 187.4
115 62.4 53.6 80.4



#5
2-Fluorophenol
Concen: 135.982 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30



Tgt Ion:112 Resp: 762993
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 34.3 28.4 42.6

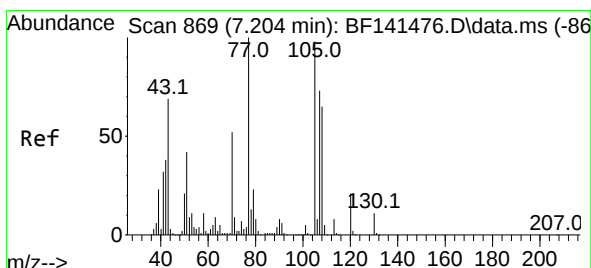
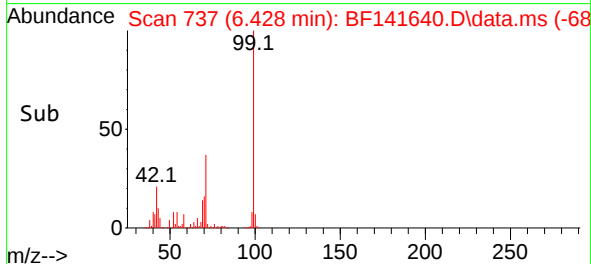
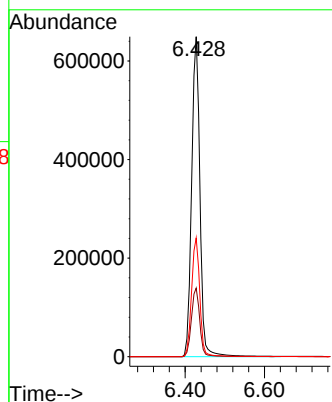
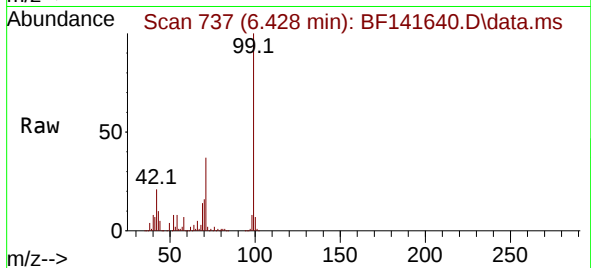




#7
Phenol-d6
Concen: 133.408 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

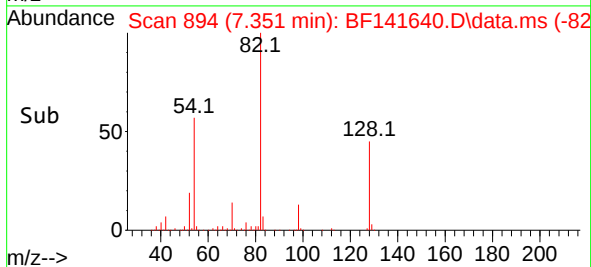
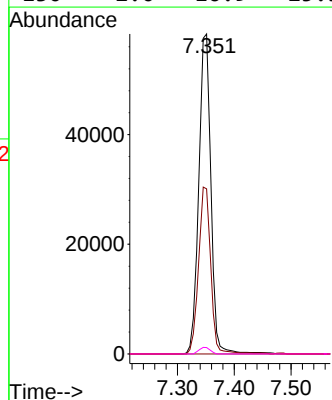
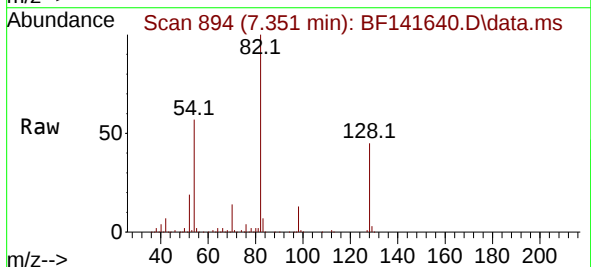
Instrument :
BNA_F
ClientSampleId :
PB166719BL

Tgt Ion: 99 Resp: 946107
Ion Ratio Lower Upper
99 100
42 21.4 19.1 28.7
71 37.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.491 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

Tgt Ion: 70 Resp: 86923
Ion Ratio Lower Upper
70 100
42 51.6 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

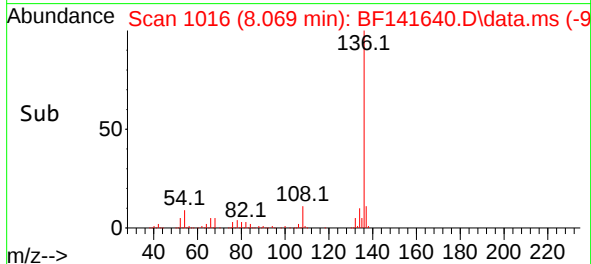
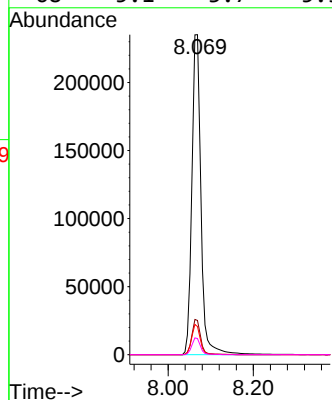
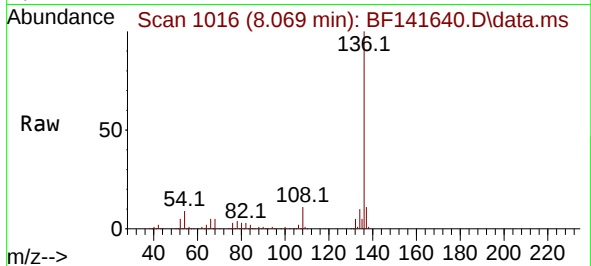




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

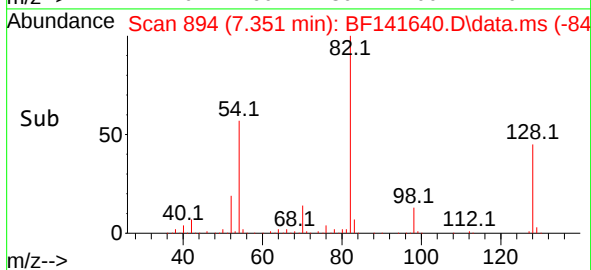
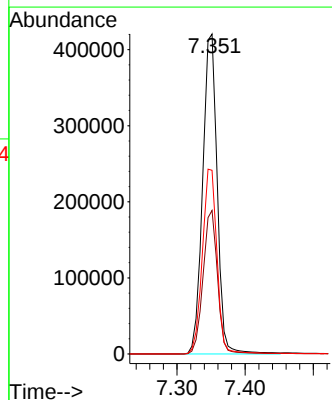
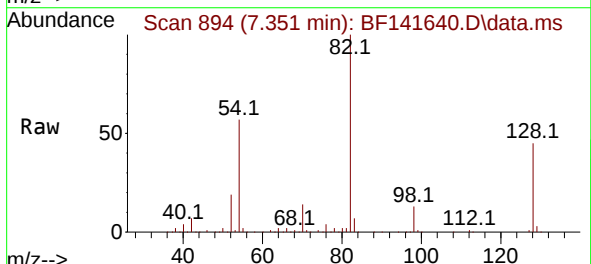
Instrument :
BNA_F
ClientSampleId :
PB166719BL

Tgt Ion:136 Resp: 348866
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 7.2 10.8
68 5.1 3.7 5.5



#23
Nitrobenzene-d5
Concen: 93.458 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

Tgt Ion: 82 Resp: 625105
Ion Ratio Lower Upper
82 100
128 44.9 34.8 52.2
54 57.4 48.2 72.4

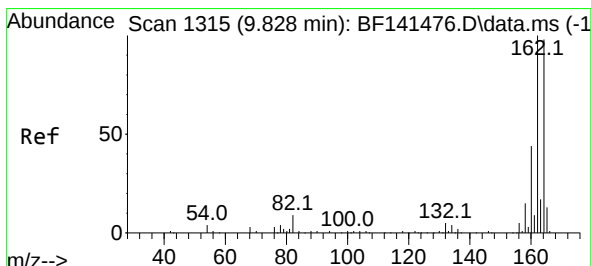
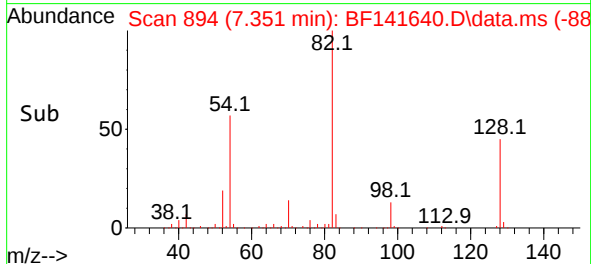
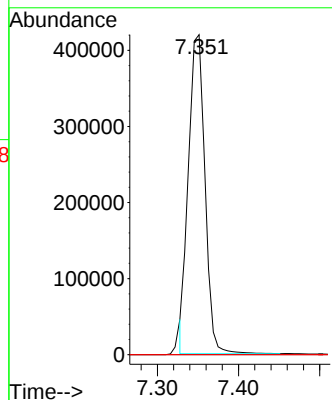
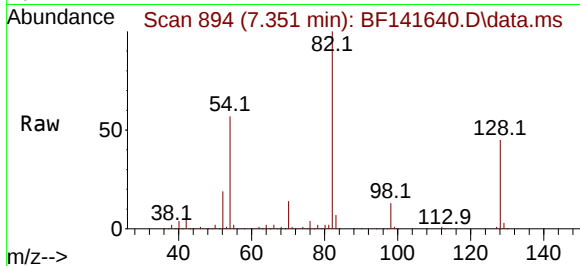




#25
Isophorone
Concen: 55.766 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

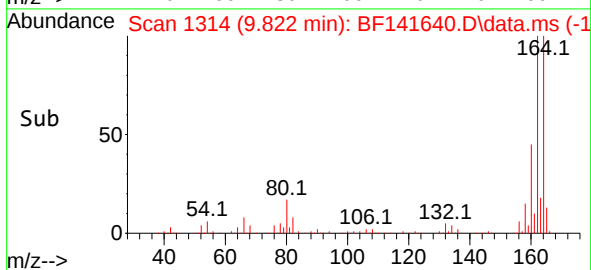
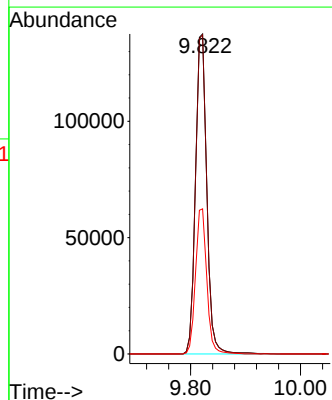
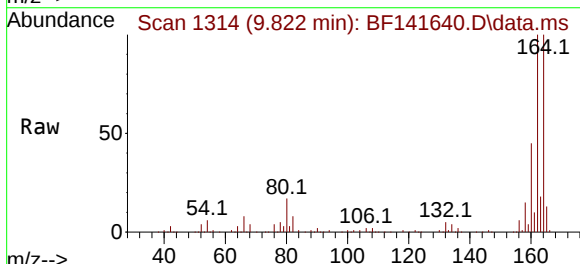
Instrument :
BNA_F
ClientSampleId :
PB166719BL

Tgt Ion: 82 Resp: 594731
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: BF141640.D
Acq: 14 Feb 2025 15:30

Tgt Ion: 164 Resp: 195731
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 136.669 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141640.D

Acq: 14 Feb 2025 15:30

Instrument :

BNA_F

ClientSampleId :

PB166719BL

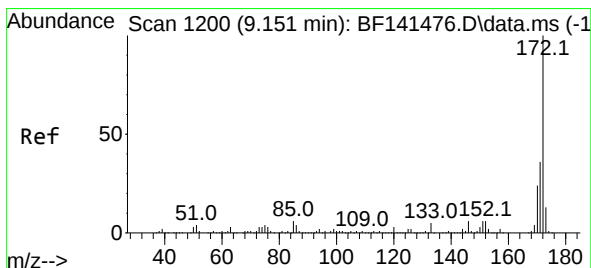
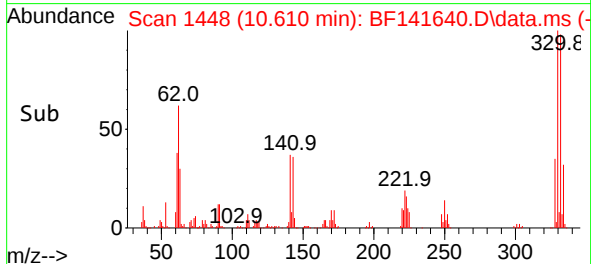
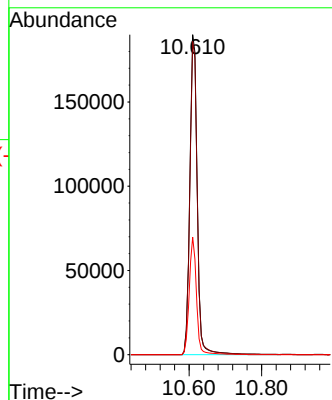
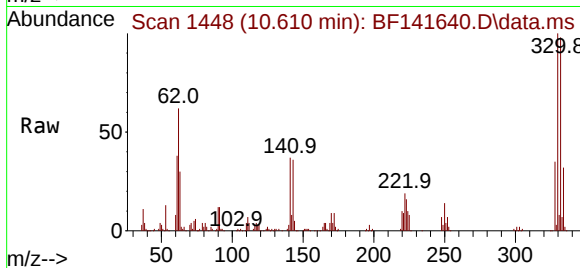
Tgt Ion:330 Resp: 268720

Ion Ratio Lower Upper

330 100

332 97.5 78.5 117.7

141 35.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 95.173 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141640.D

Acq: 14 Feb 2025 15:30

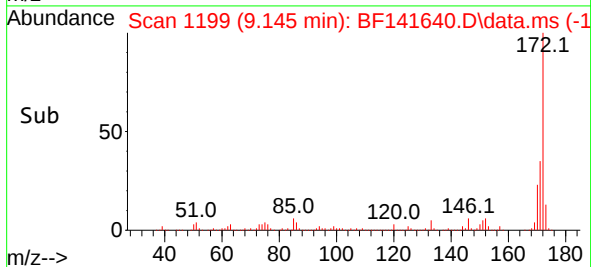
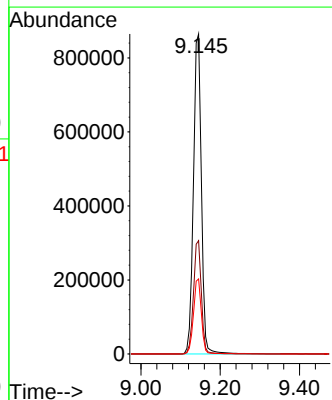
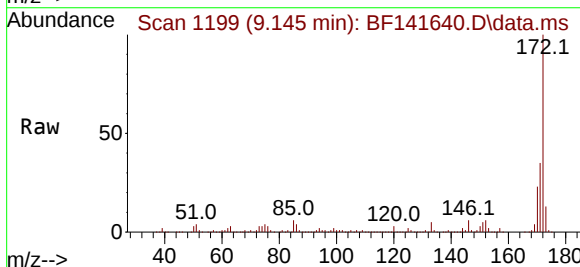
Tgt Ion:172 Resp: 1209125

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.5 18.9 28.3

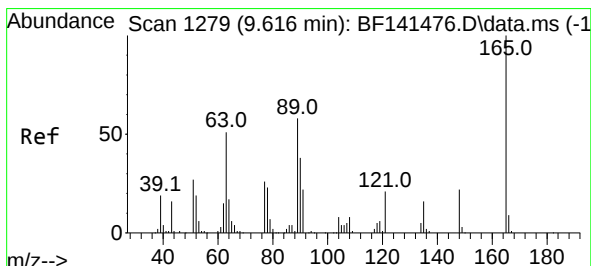
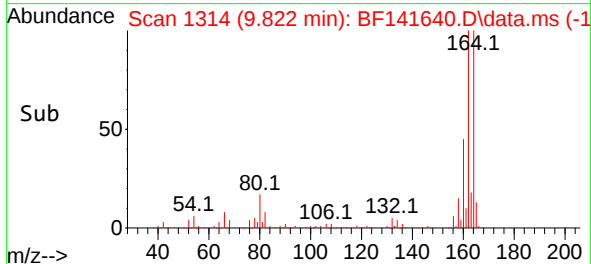
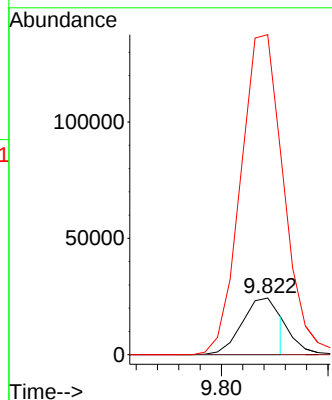
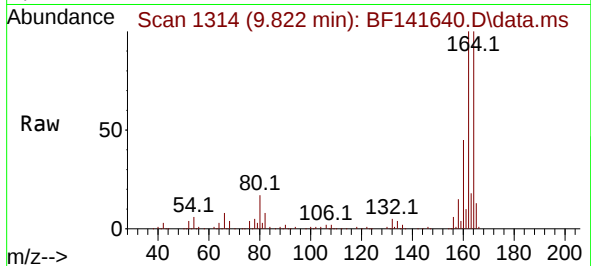




#50
Dimethylphthalate
Concen: 2.250 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

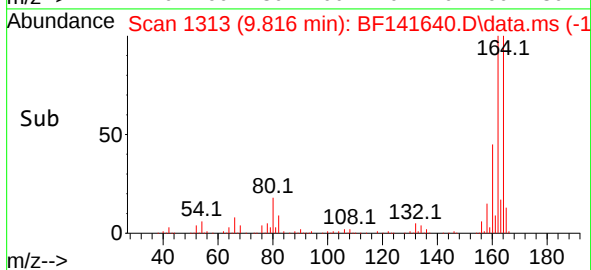
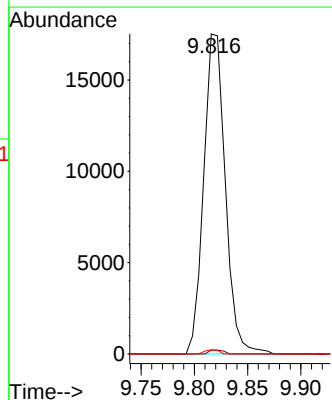
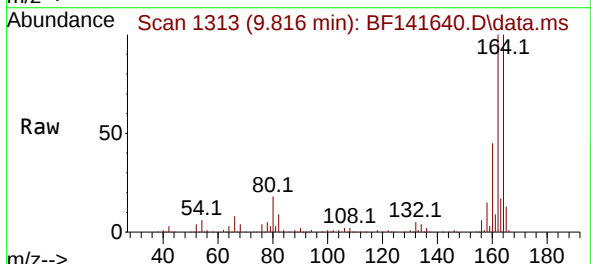
Instrument :
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ClientSampleId :
PB166719BL

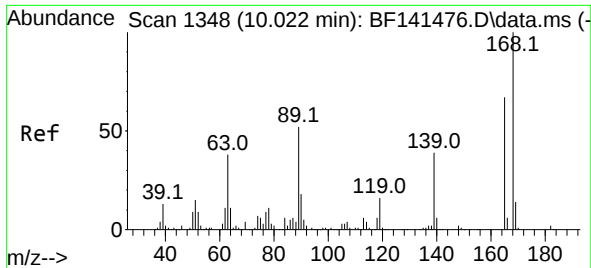
Tgt Ion:163 Resp: 29896
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 565.0 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.548 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

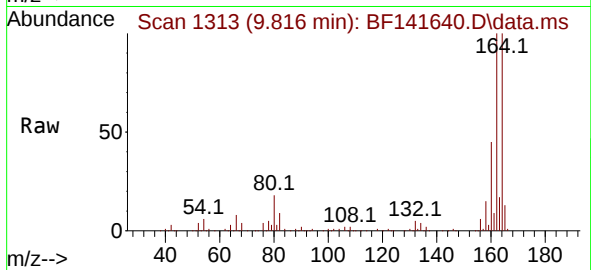
Tgt Ion:165 Resp: 24829
Ion Ratio Lower Upper
165 100
63 1.2 49.4 74.0#
89 1.3 46.5 69.7#



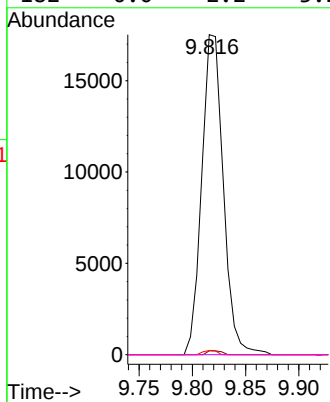
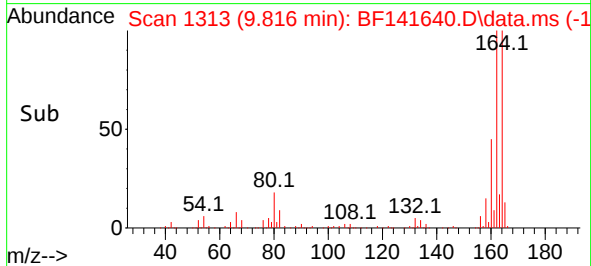


#57
2,4-Dinitrotoluene
Concen: 6.421 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

Instrument :
BNA_F
ClientSampleId :
PB166719BL

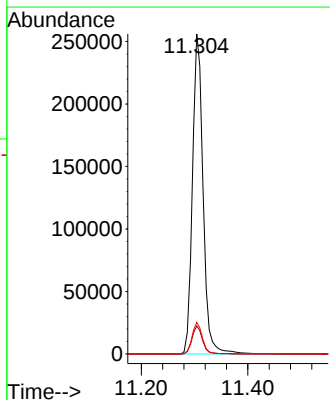
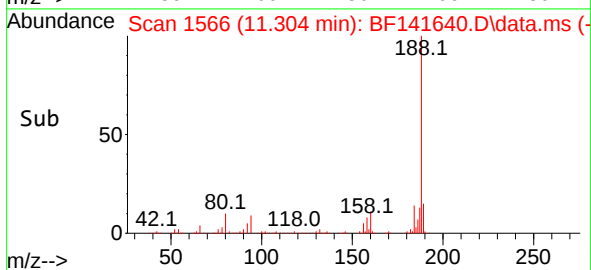
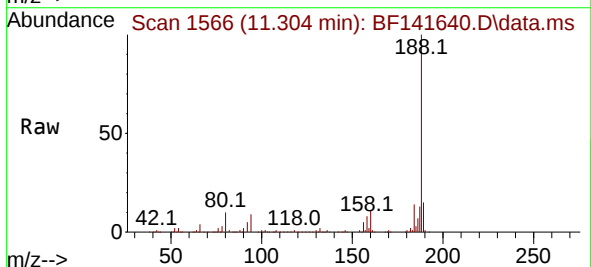


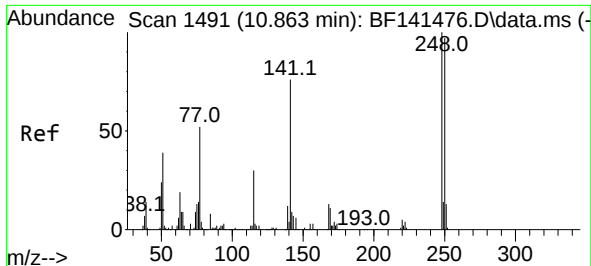
Tgt Ion:165 Resp: 24829
Ion Ratio Lower Upper
165 100
63 1.2 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

Tgt Ion:188 Resp: 353644
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.9 7.3 10.9

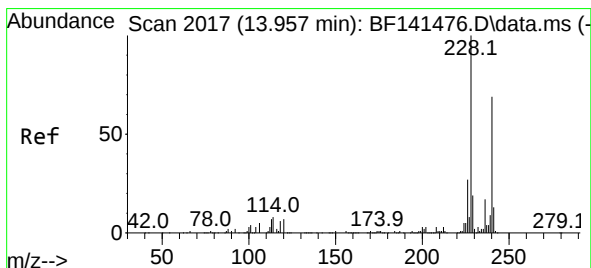
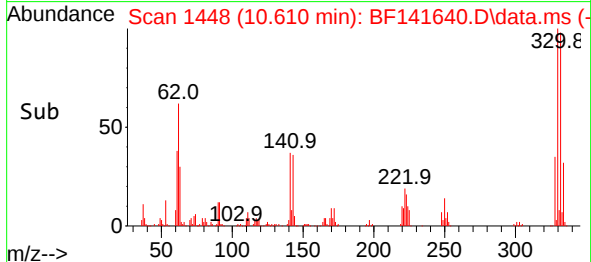
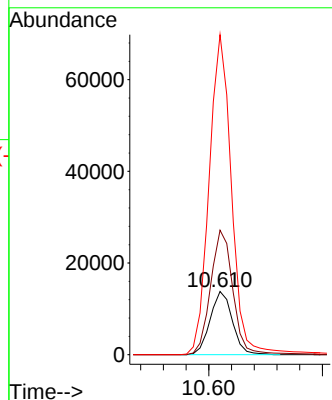
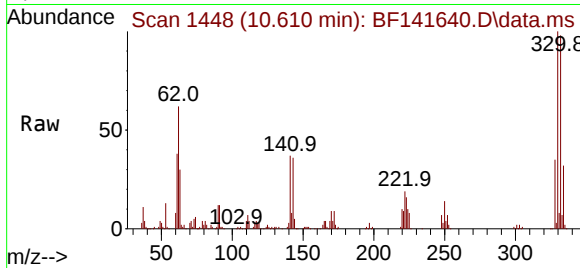




#67
4-Bromophenyl-phenylether
Concen: 4.746 ng
RT: 10.610 min Scan# 1491
Delta R.T. -0.253 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

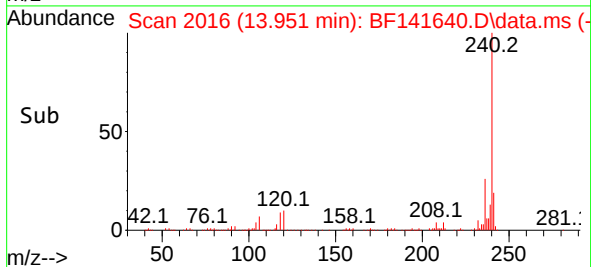
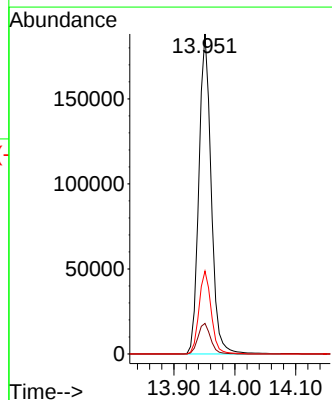
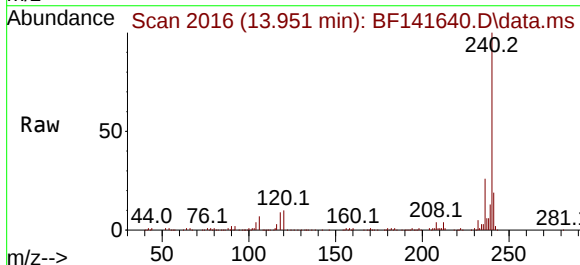
Instrument :
BNA_F
ClientSampleId :
PB166719BL

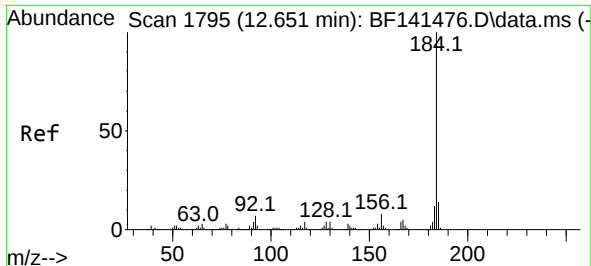
Tgt Ion:248 Resp: 18758
Ion Ratio Lower Upper
248 100
250 197.1 77.8 116.6#
141 506.6 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

Tgt Ion:240 Resp: 263315
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.9 19.8 29.8

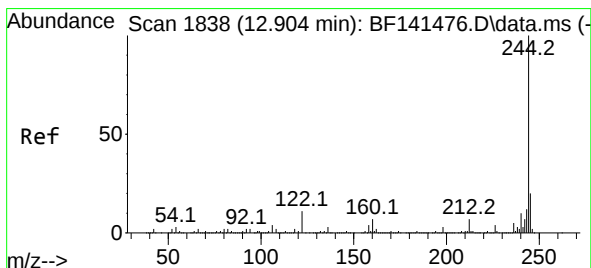
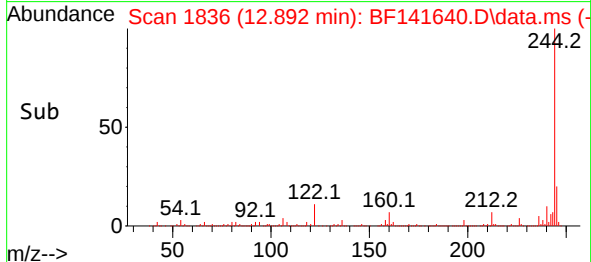
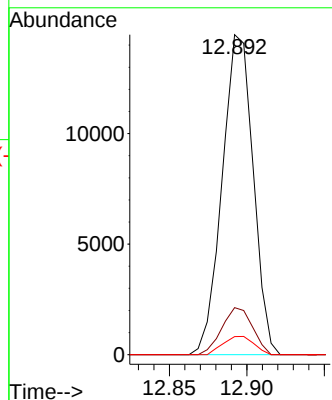
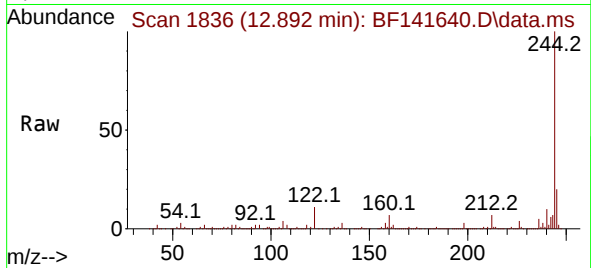




#77
Benzidine
Concen: 3.470 ng
RT: 12.892 min Scan# 1836
Delta R.T. 0.235 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

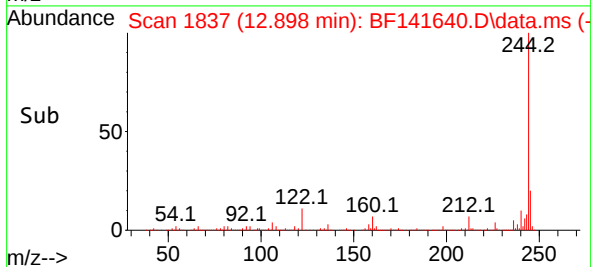
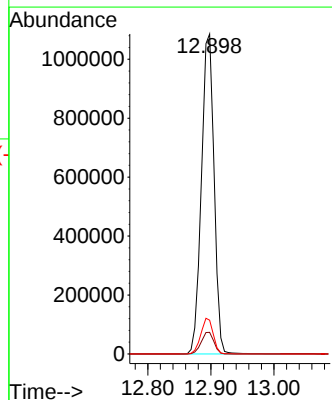
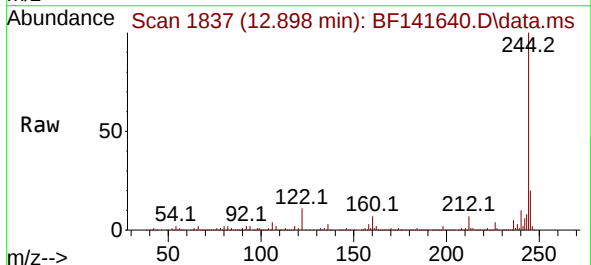
Instrument :
BNA_F
ClientSampleId :
PB166719BL

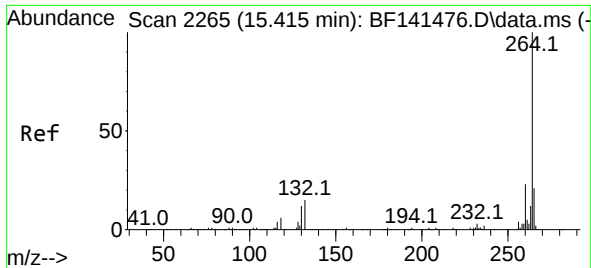
Tgt Ion:184 Resp: 20150
Ion Ratio Lower Upper
184 100
185 14.7 11.3 16.9
183 5.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 97.211 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141640.D
Acq: 14 Feb 2025 15:30

Tgt Ion:244 Resp: 1516258
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: 15.421 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF141640.D
 Acq: 14 Feb 2025 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB166719BL

Tgt Ion:264 Resp: 191778
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.6 17.0 25.4

