

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135644.D
 Acq On : 09 Oct 2023 10:46
 Operator : CG\JU
 Sample : PB156178BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156178BL

Quant Time: Oct 09 12:02:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

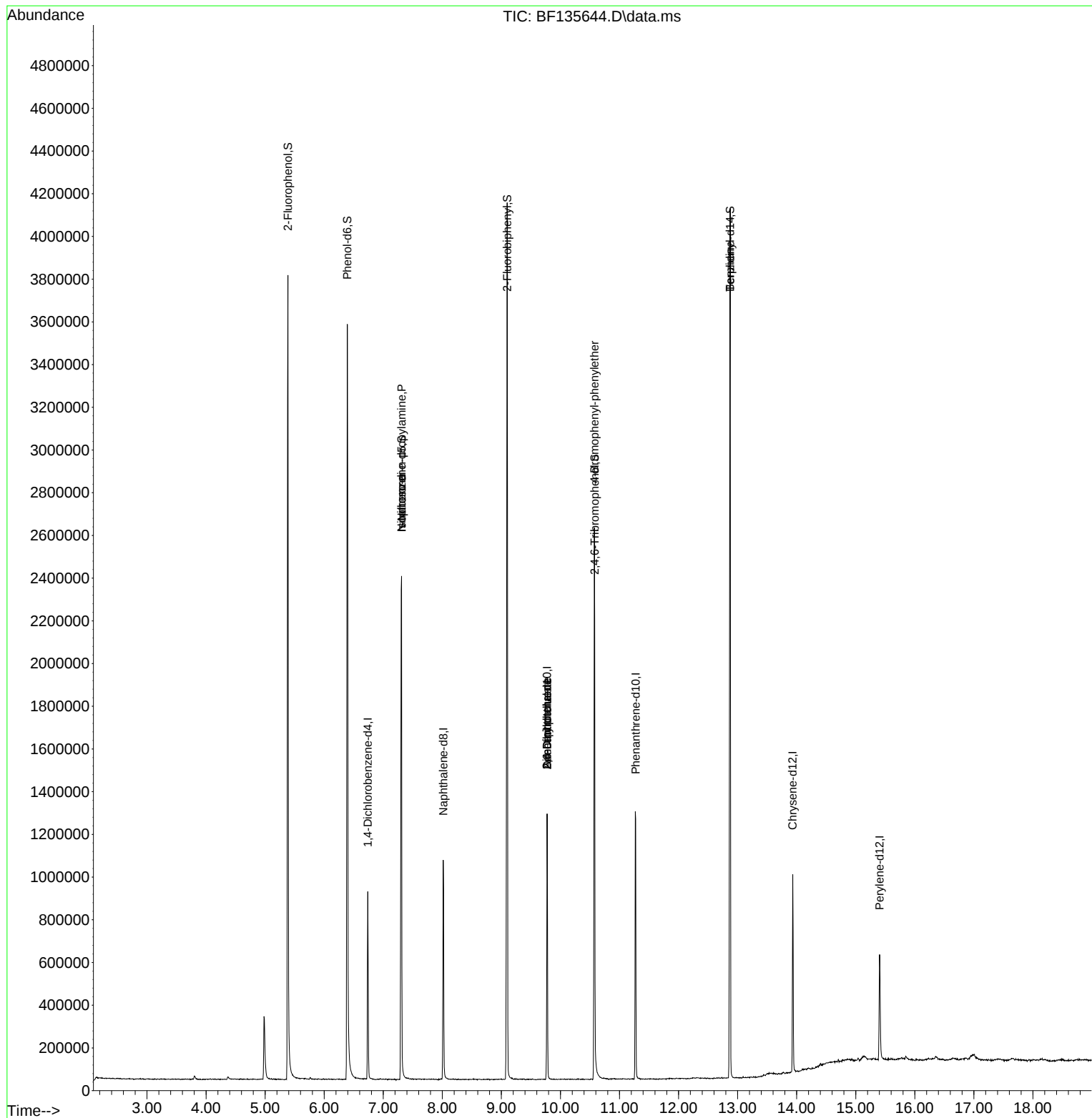
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	126511	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	504816	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	252196	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	513609	20.000	ng	0.00
76) Chrysene-d12	13.933	240	306083	20.000	ng	0.00
86) Perylene-d12	15.404	264	249751	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1089469	140.064	ng	0.02
7) Phenol-d6	6.392	99	1389438	140.480	ng	0.00
23) Nitrobenzene-d5	7.310	82	877652	94.455	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	346631	138.308	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1522017	91.052	ng	0.00
79) Terphenyl-d14	12.874	244	1575968	79.817	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	117408	19.165	ng	# 78
25) Isophorone	7.310	82	877642	51.438	ng	# 65
50) Dimethylphthalate	9.774	163	46787	2.744	ng	# 1
51) 2,6-Dinitrotoluene	9.774	165	31533	8.442	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	31533	6.743	ng	# 19
67) 4-Bromophenyl-phenylether	10.574	248	22036	4.314	ng	# 1
77) Benzidine	12.874	184	20043	3.196	ng	# 89

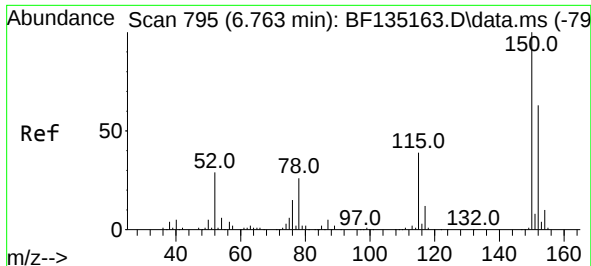
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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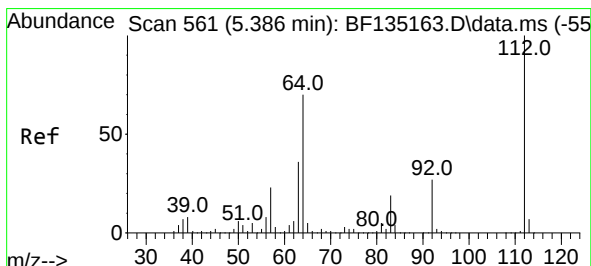
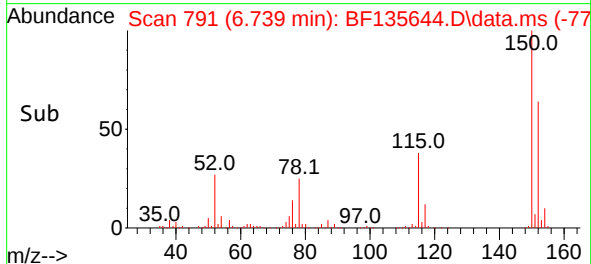
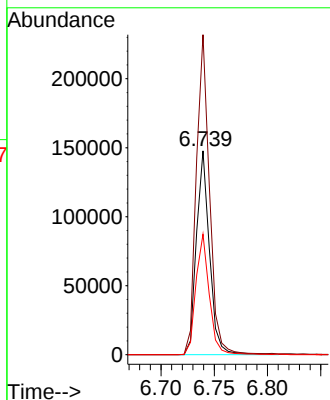
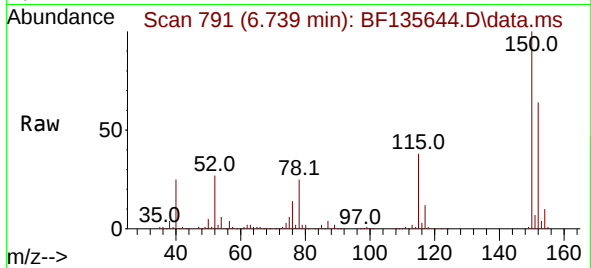




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

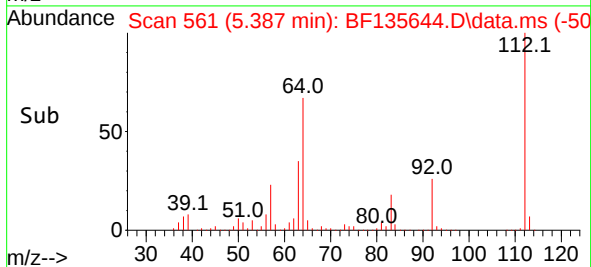
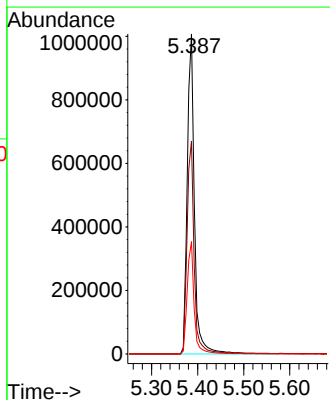
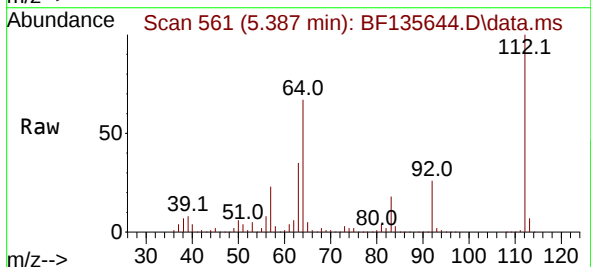
Instrument :
BNA_F
ClientSampleId :
PB156178BL

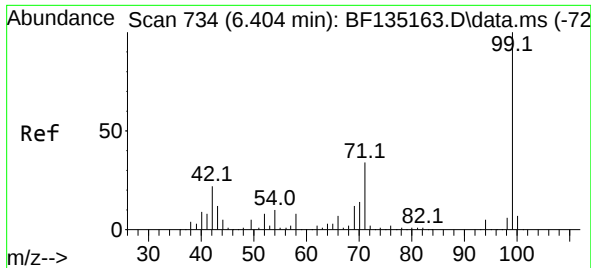
Tgt Ion:152 Resp: 126511
Ion Ratio Lower Upper
152 100
150 157.0 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 140.064 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

Tgt Ion:112 Resp: 1089469
Ion Ratio Lower Upper
112 100
64 66.6 55.9 83.9
63 35.1 29.0 43.6

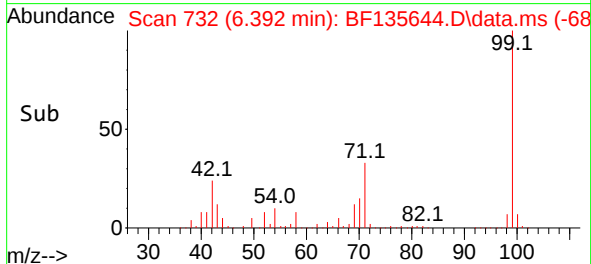
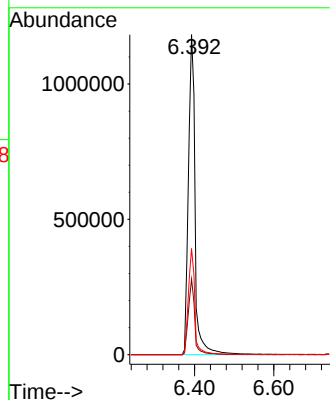
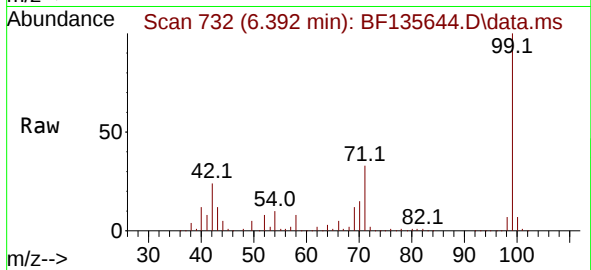




#7
Phenol-d6
Concen: 140.480 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

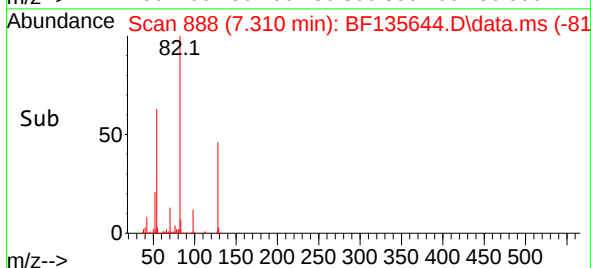
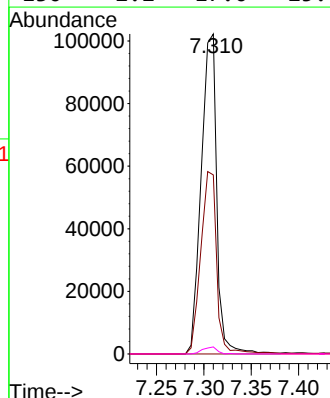
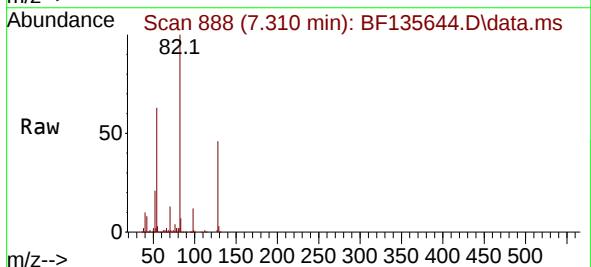
Instrument :
BNA_F
ClientSampleId :
PB156178BL

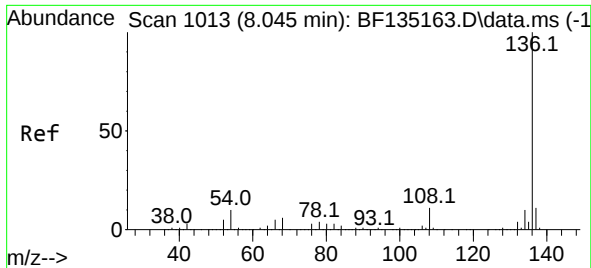
Tgt Ion: 99 Resp: 1389438
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 33.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.165 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

Tgt Ion: 70 Resp: 117408
Ion Ratio Lower Upper
70 100
42 56.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

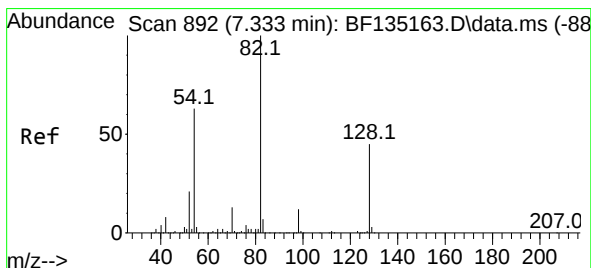
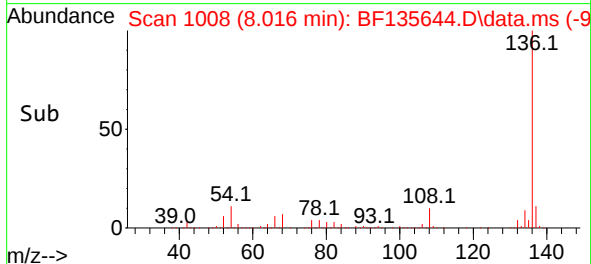
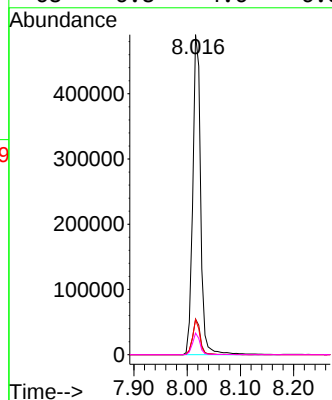
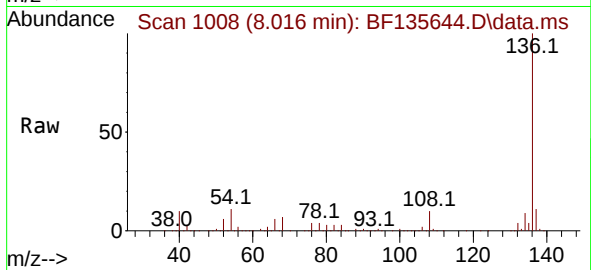




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

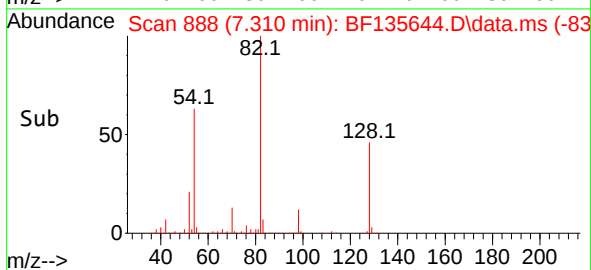
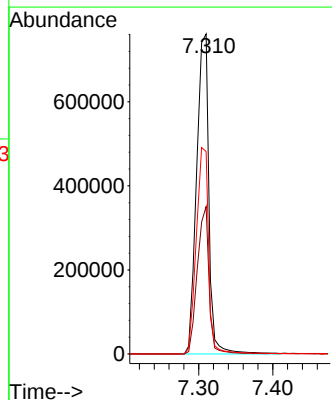
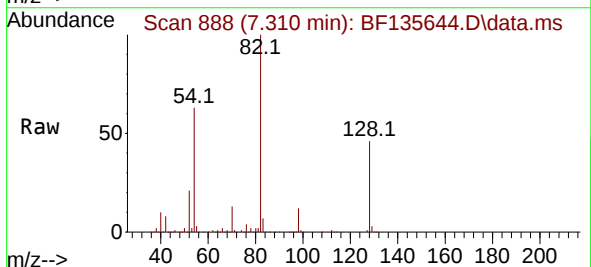
Instrument :
BNA_F
ClientSampleId :
PB156178BL

Tgt Ion:136 Resp: 504816
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.0 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 94.455 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

Tgt Ion: 82 Resp: 877652
Ion Ratio Lower Upper
82 100
128 46.0 35.8 53.6
54 63.2 50.6 76.0

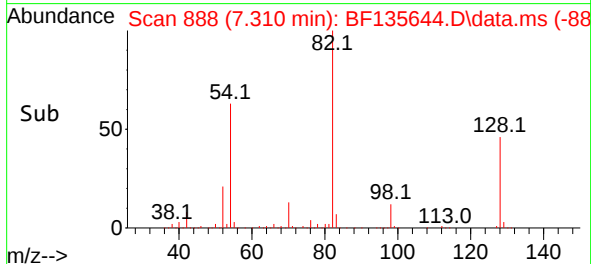
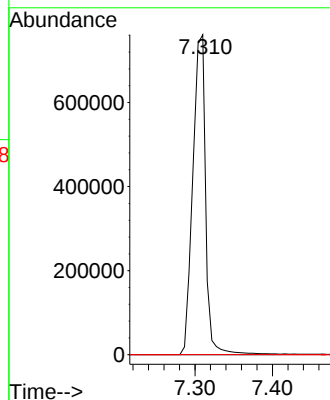
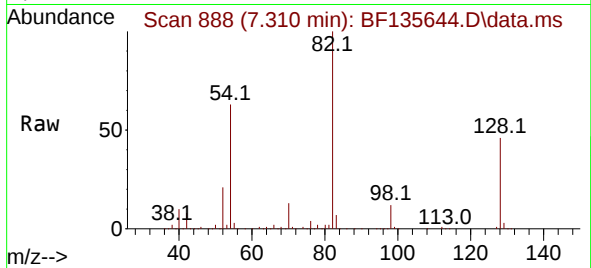




#25
Isophorone
Concen: 51.438 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

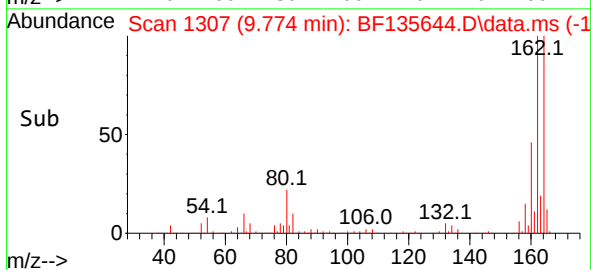
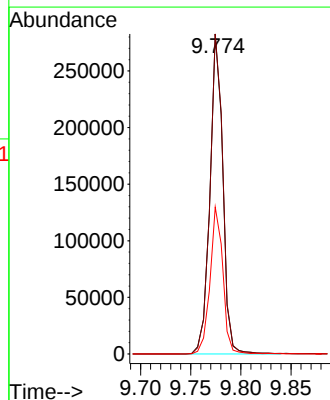
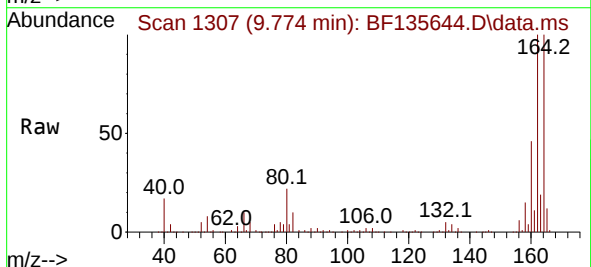
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ClientSampleId :
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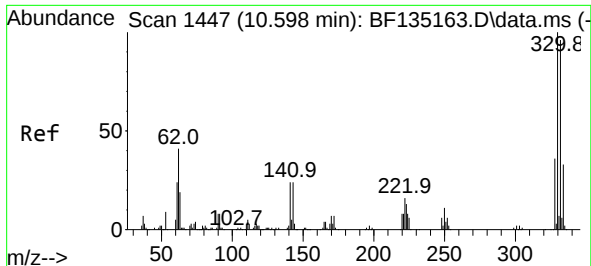
Tgt Ion: 82 Resp: 877642
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

Tgt Ion:164 Resp: 252196
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 45.9 37.0 55.4

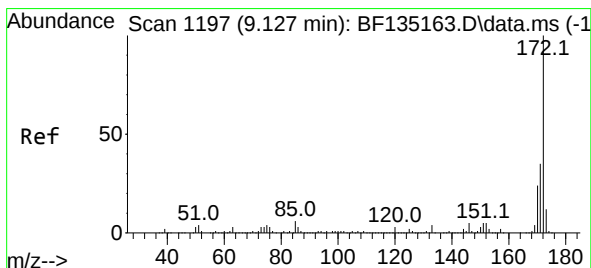
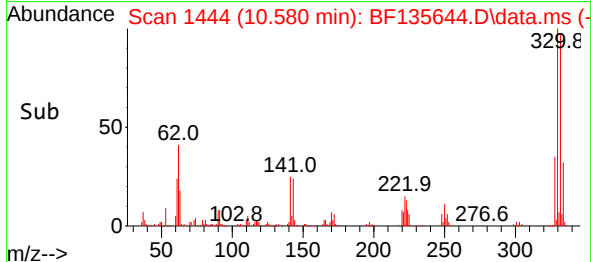
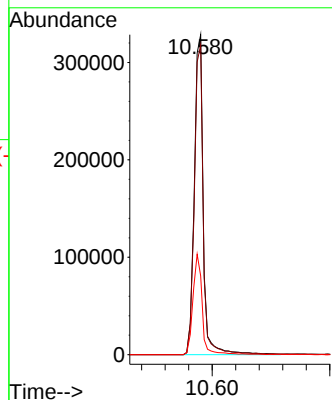
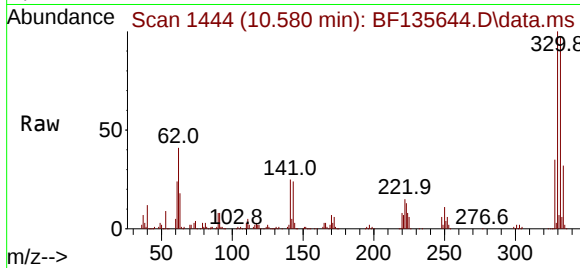




#42
2,4,6-Tribromophenol
Concen: 138.308 ng
RT: 10.580 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

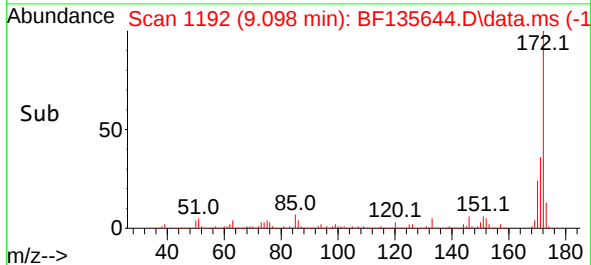
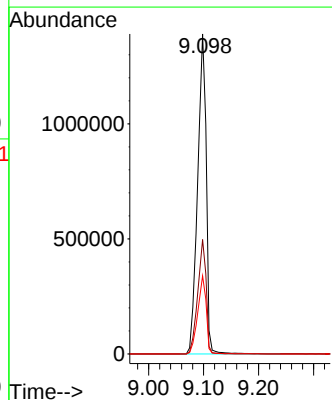
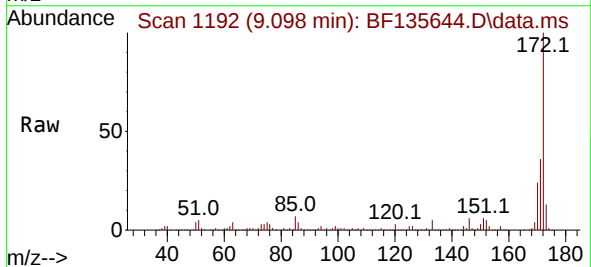
Instrument :
BNA_F
ClientSampleId :
PB156178BL

Tgt Ion:330 Resp: 346631
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 32.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 91.052 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

Tgt Ion:172 Resp: 1522017
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.4 19.0 28.4

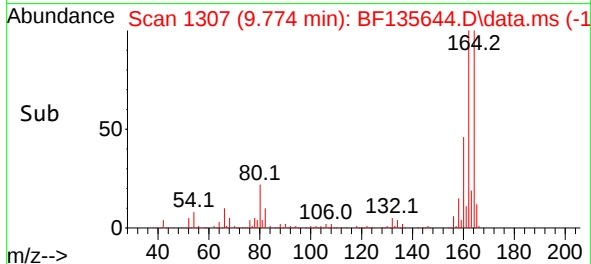
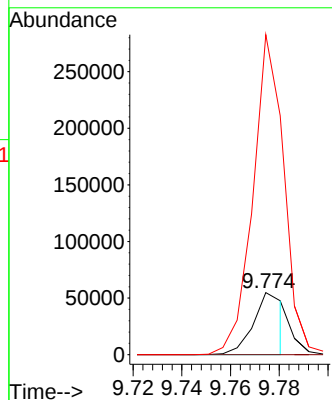
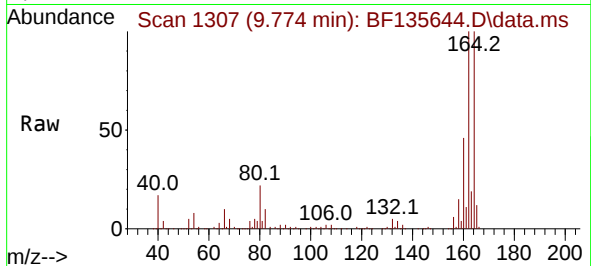




#50
Dimethylphthalate
Concen: 2.744 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

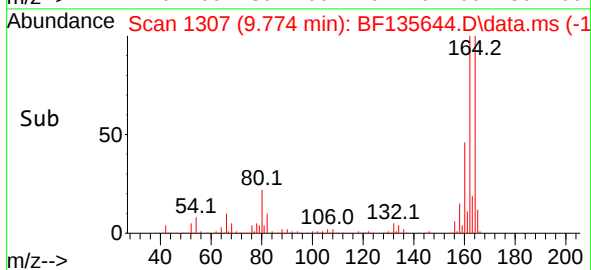
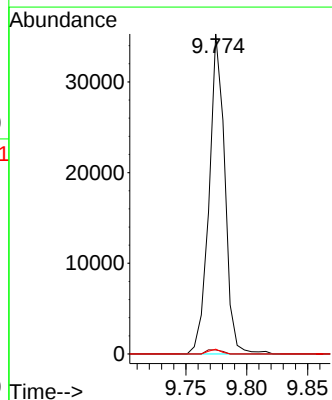
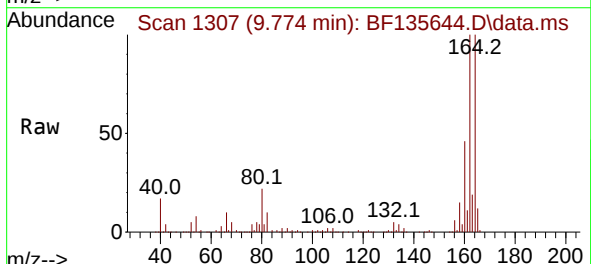
Instrument :
BNA_F
ClientSampleId :
PB156178BL

Tgt Ion:163 Resp: 46787
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 515.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.442 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

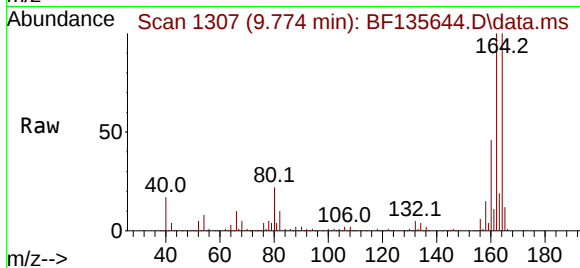
Tgt Ion:165 Resp: 31533
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.5 49.8 74.8#



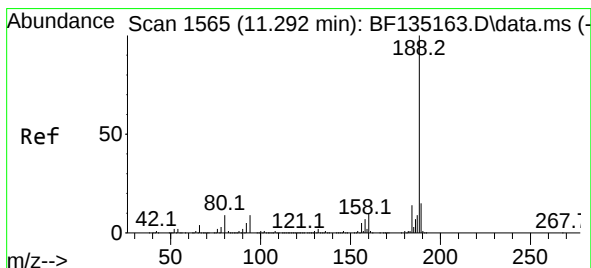
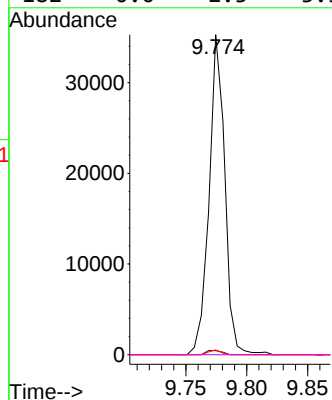
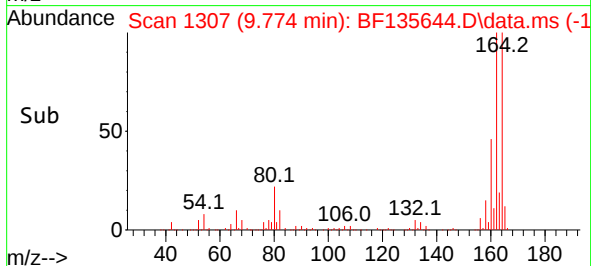


#57
2,4-Dinitrotoluene
Concen: 6.743 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

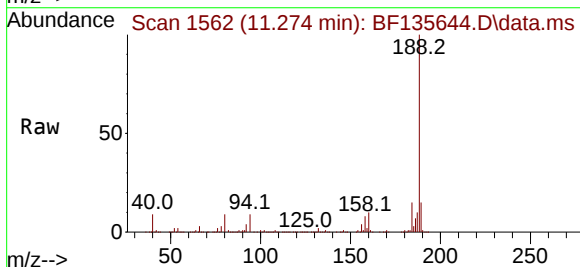
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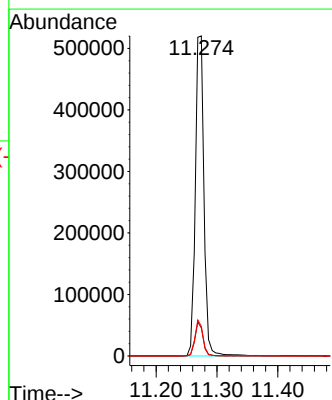
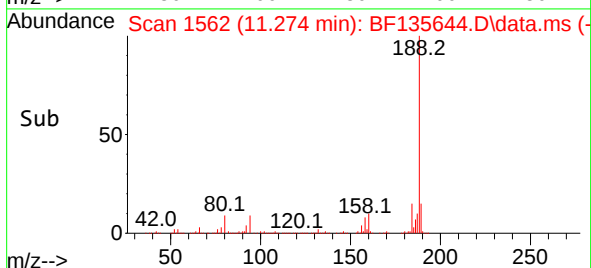
Tgt Ion:165 Resp: 31533
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#

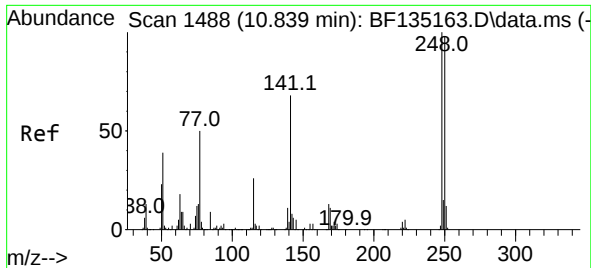


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46



Tgt Ion:188 Resp: 513609
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.3 7.5 11.3

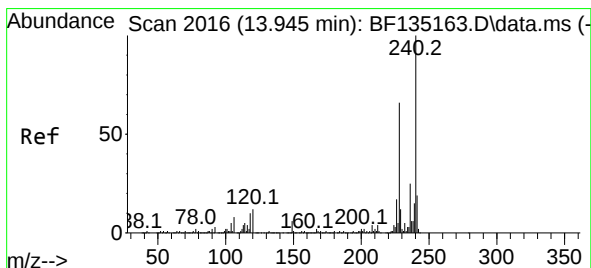
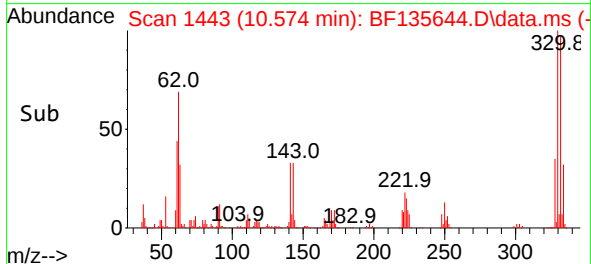
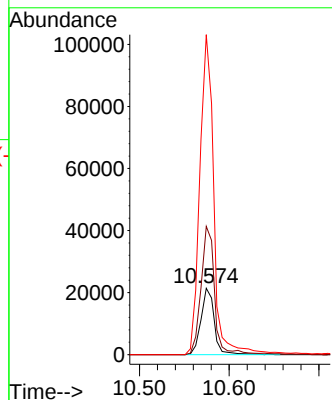
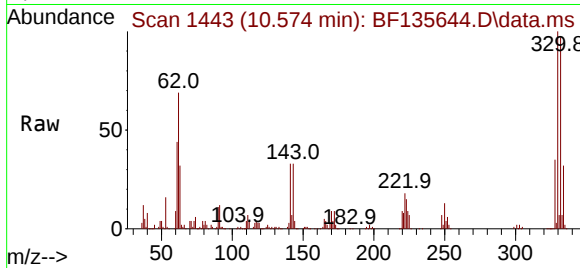




#67
4-Bromophenyl-phenylether
Concen: 4.314 ng
RT: 10.574 min Scan# 1488
Delta R.T. -0.235 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

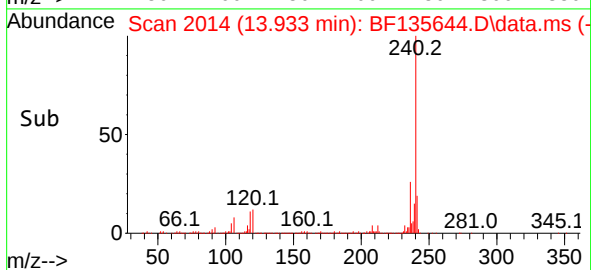
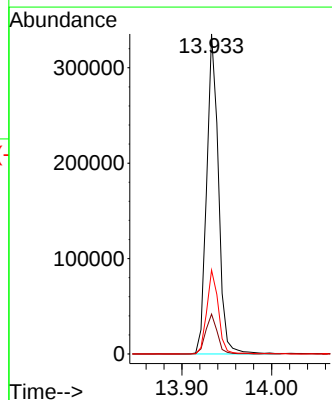
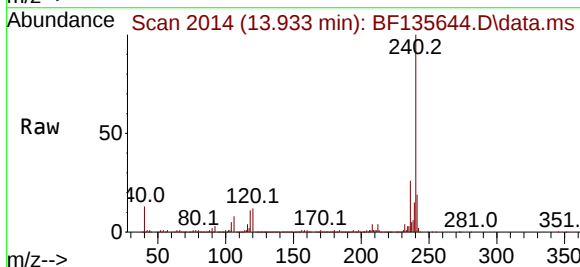
Instrument :
BNA_F
ClientSampleId :
PB156178BL

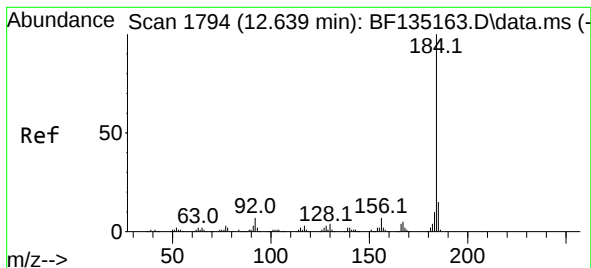
Tgt Ion:248 Resp: 22036
Ion Ratio Lower Upper
248 100
250 193.1 78.6 117.8#
141 481.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

Tgt Ion:240 Resp: 306083
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 26.2 19.8 29.8





#77

Benzidine

Concen: 3.196 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.259 min

Lab File: BF135644.D

Acq: 09 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

PB156178BL

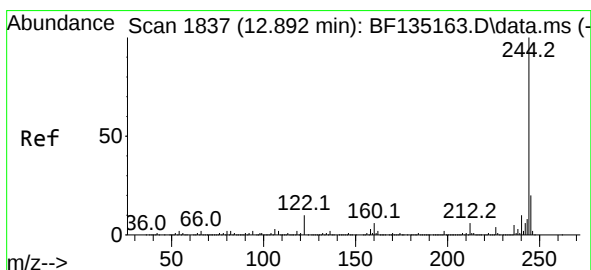
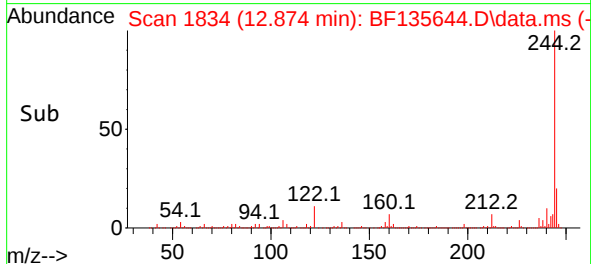
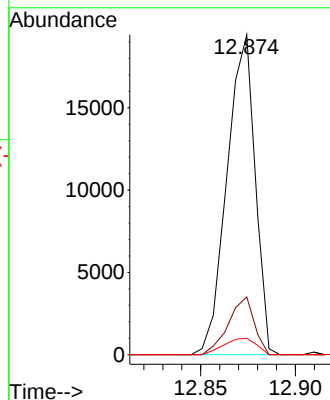
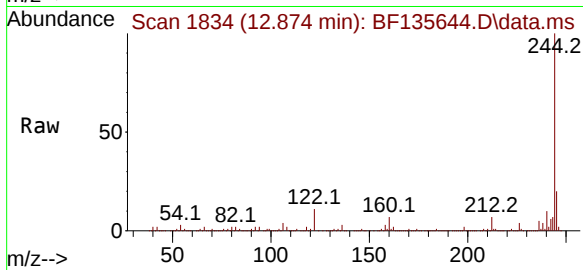
Tgt Ion:184 Resp: 20043

Ion Ratio Lower Upper

184 100

185 18.0 11.7 17.5#

183 5.1 8.2 12.4#



#79

Terphenyl-d14

Concen: 79.817 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.012 min

Lab File: BF135644.D

Acq: 09 Oct 2023 10:46

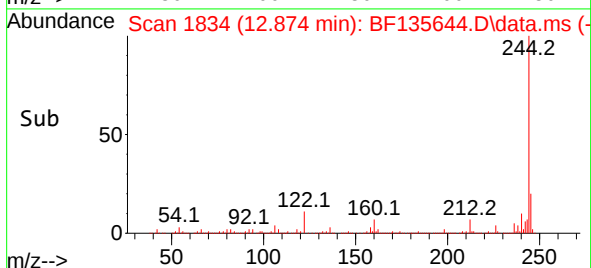
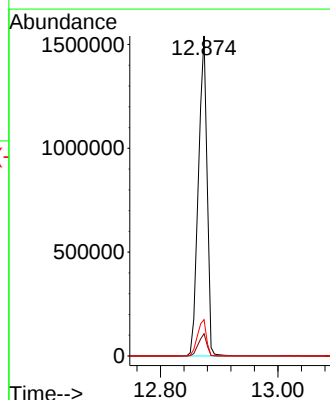
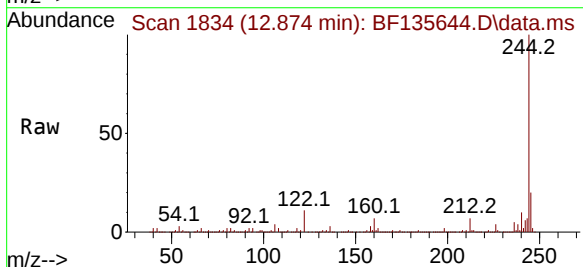
Tgt Ion:244 Resp: 1575968

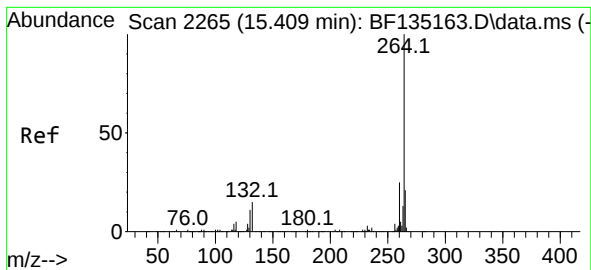
Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

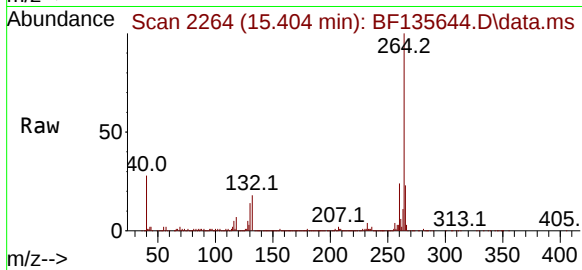
122 11.3 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF135644.D
Acq: 09 Oct 2023 10:46

Instrument :
BNA_F
ClientSampleId :
PB156178BL



Tgt Ion:264 Resp: 249751

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	22.9	17.0	25.4

