

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135704.D
 Acq On : 11 Oct 2023 10:31
 Operator : CG\JU
 Sample : PB156020BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156020BL

Quant Time: Oct 12 00:45:42 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 11 02:43:17 2023
 Response via : Initial Calibration

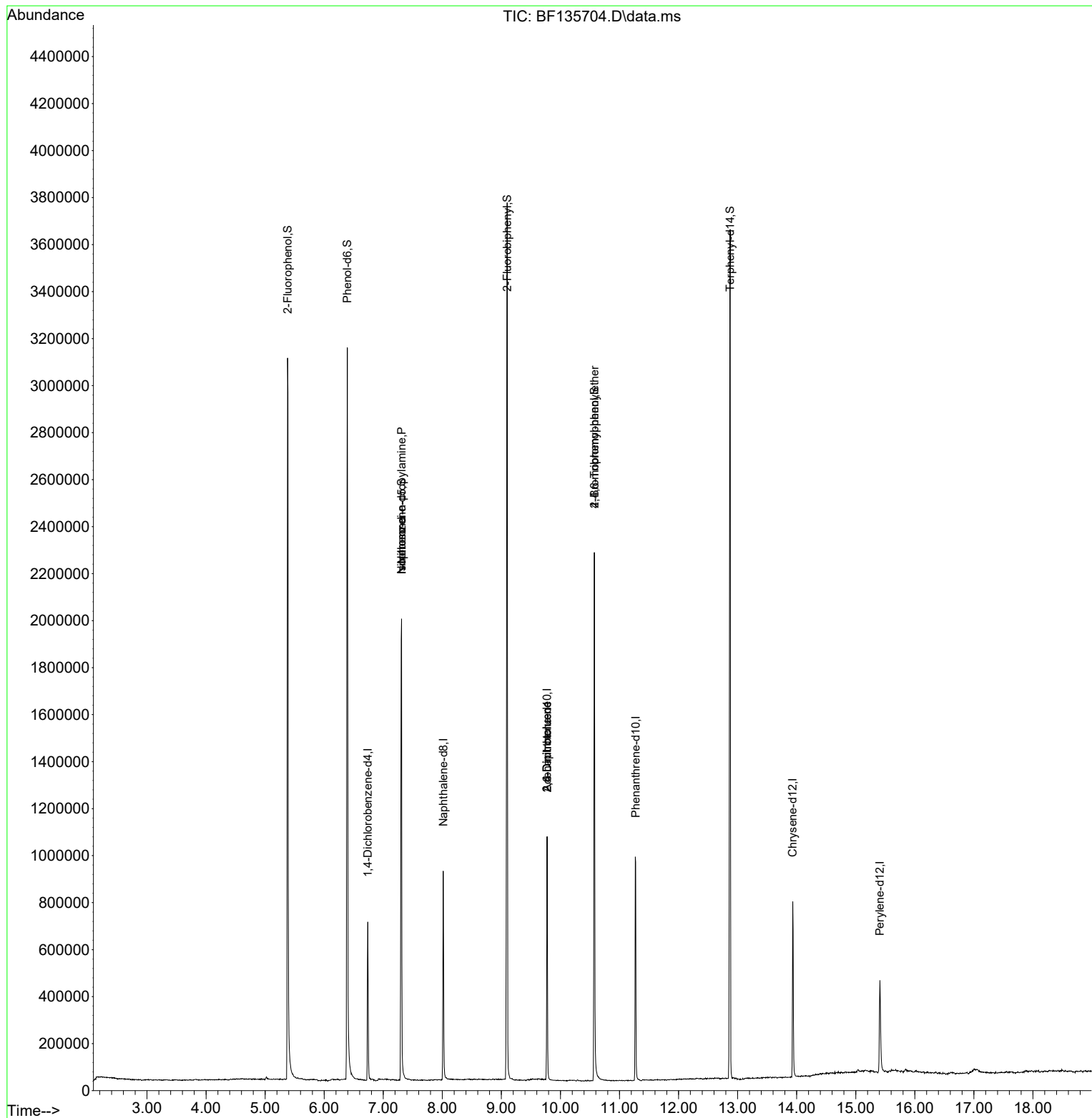
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	101106	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	402871	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	207863	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	400050	20.000	ng	0.00
76) Chrysene-d12	13.933	240	277679	20.000	ng	0.00
86) Perylene-d12	15.409	264	223966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	941940	151.526	ng	0.01
7) Phenol-d6	6.392	99	1168072	147.773	ng	0.00
23) Nitrobenzene-d5	7.310	82	727987	98.173	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	294258	142.453	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1332404	96.709	ng	0.00
79) Terphenyl-d14	12.874	244	1515859	84.625	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	98593	20.137	ng	# 79
25) Isophorone	7.310	82	727987	53.464	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	26466	8.597	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	26466	6.867	ng	# 18
67) 4-Bromophenyl-phenylether	10.574	248	18054	4.538	ng	# 1

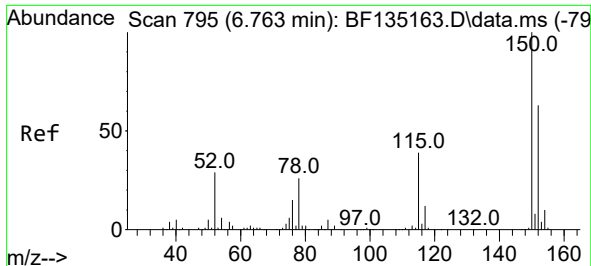
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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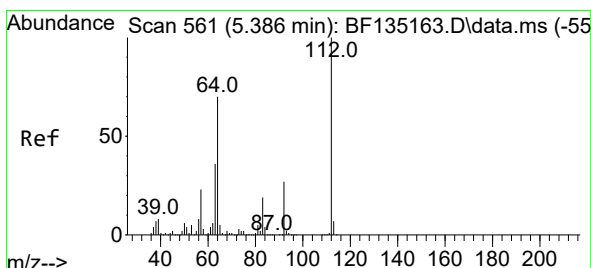
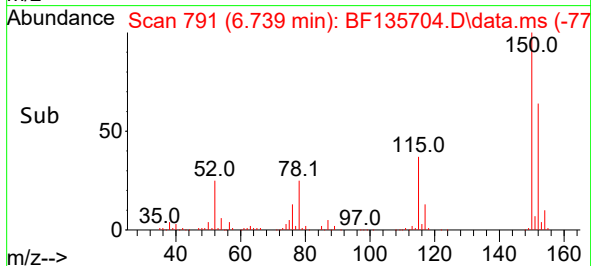
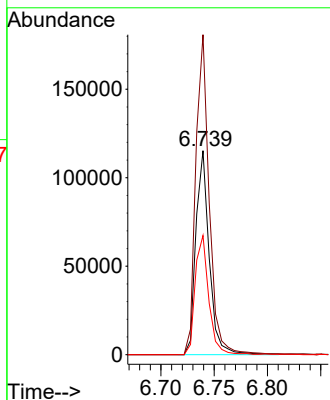
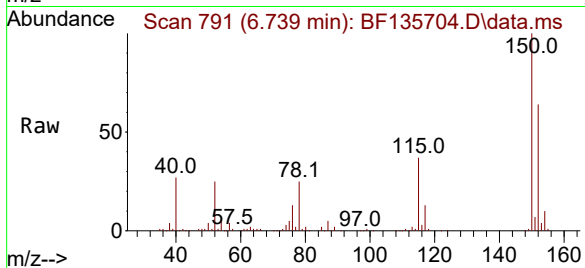




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

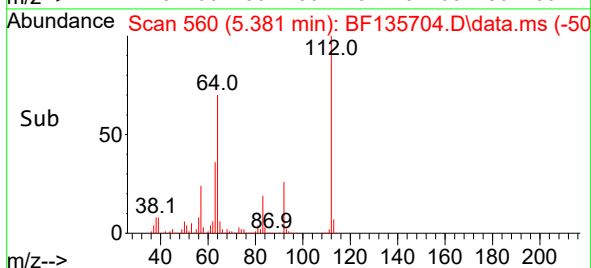
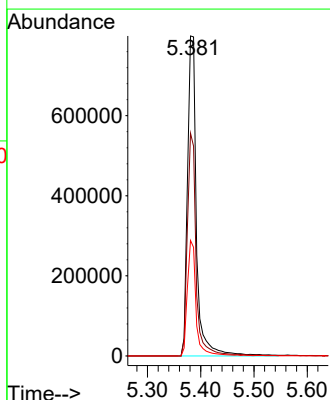
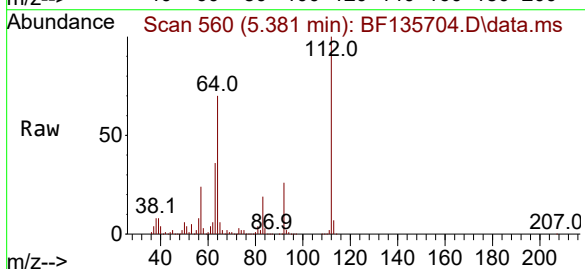
Instrument :
BNA_F
ClientSampleId :
PB156020BL

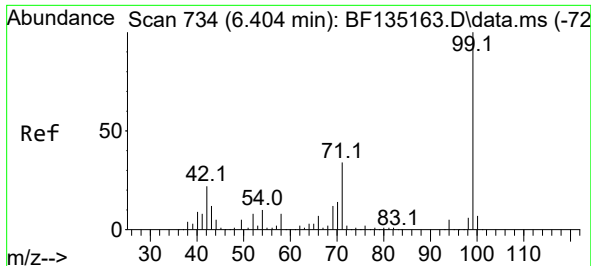
Tgt Ion:152 Resp: 101106
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 58.5 49.8 74.8



#5
2-Fluorophenol
Concen: 151.526 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

Tgt Ion:112 Resp: 941940
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 36.1 29.0 43.6

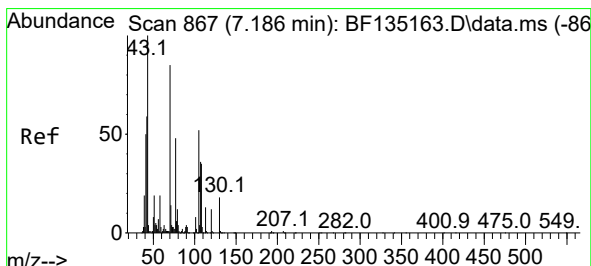
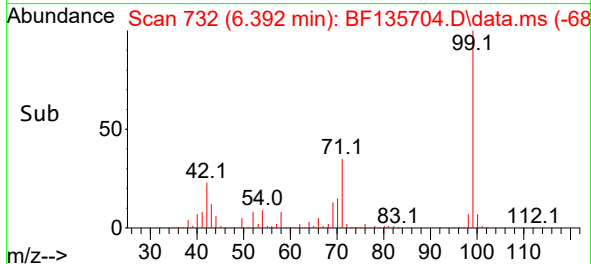
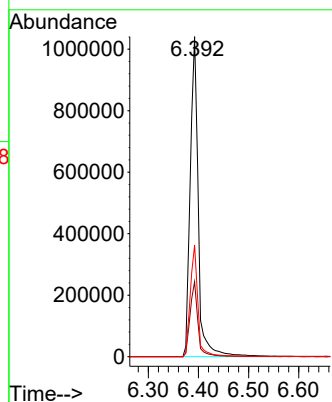
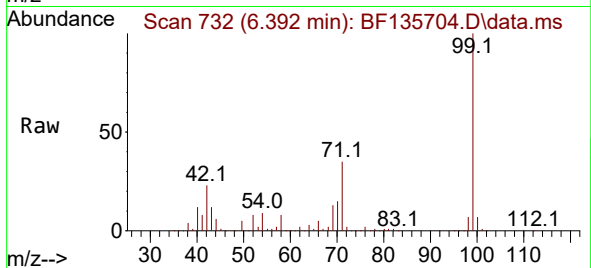




#7
Phenol-d6
Concen: 147.773 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

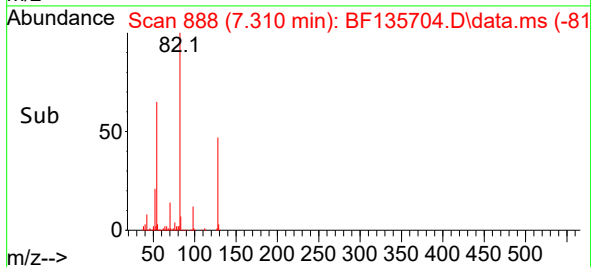
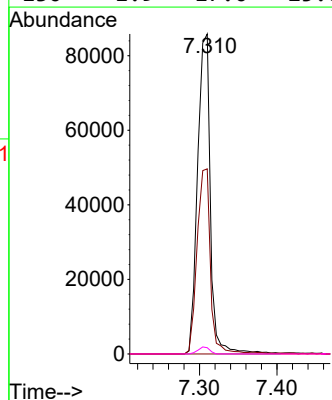
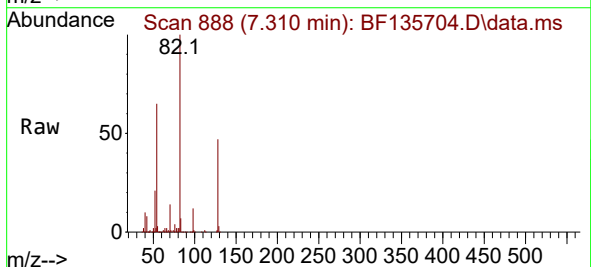
Instrument :
BNA_F
ClientSampleId :
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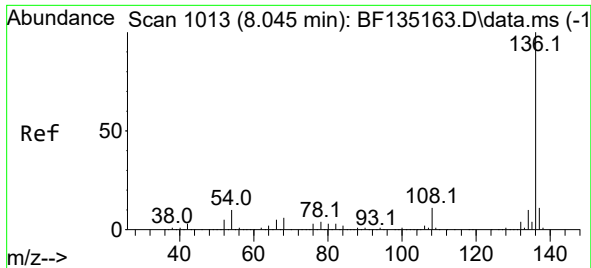
Tgt Ion: 99 Resp: 1168072
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 34.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.137 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

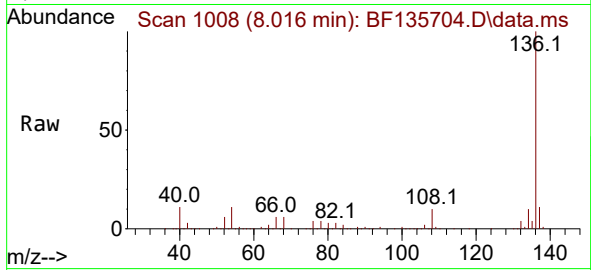
Tgt Ion: 70 Resp: 98593
Ion Ratio Lower Upper
70 100
42 57.8 55.4 83.0
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#



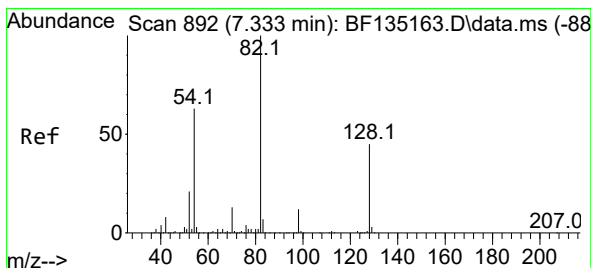
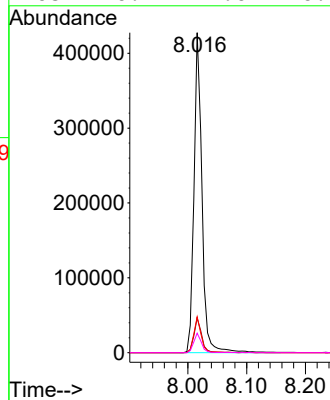
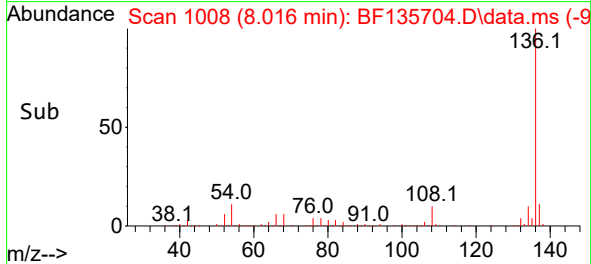


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

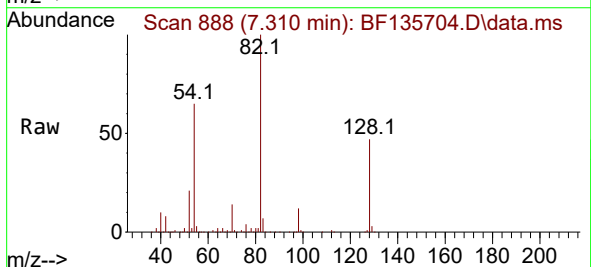
Instrument :
BNA_F
ClientSampleId :
PB156020BL



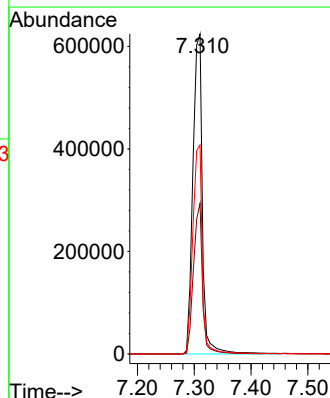
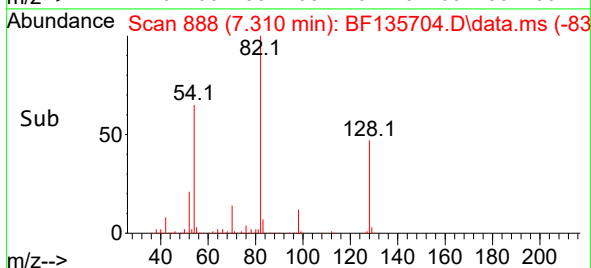
Tgt Ion:136 Resp: 402871
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.2 7.7 11.5
68 6.1 4.6 6.8

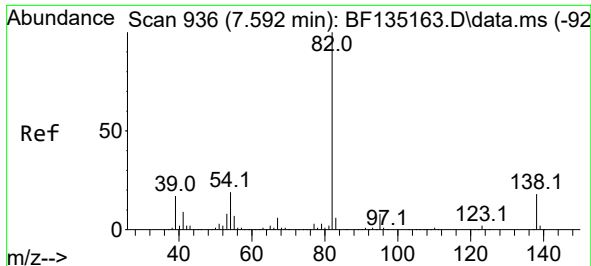


#23
Nitrobenzene-d5
Concen: 98.173 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31



Tgt Ion: 82 Resp: 727987
Ion Ratio Lower Upper
82 100
128 47.1 35.8 53.6
54 65.3 50.6 76.0

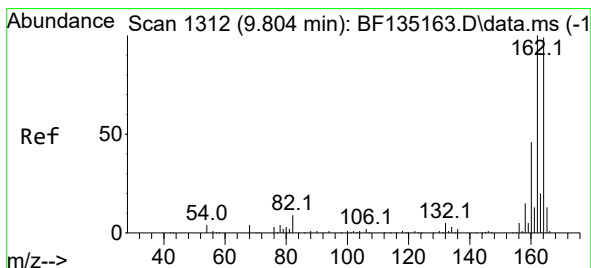
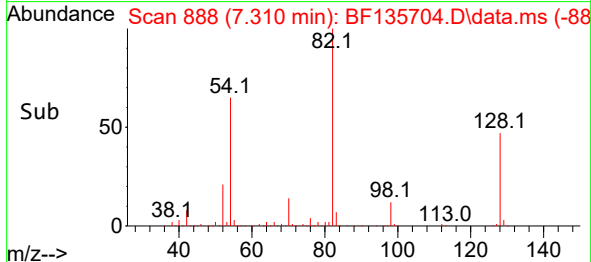
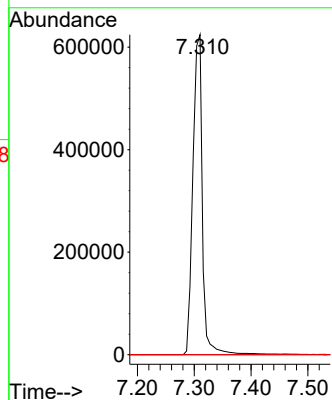
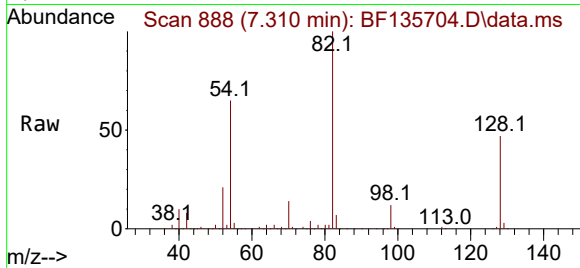




#25
Isophorone
Concen: 53.464 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

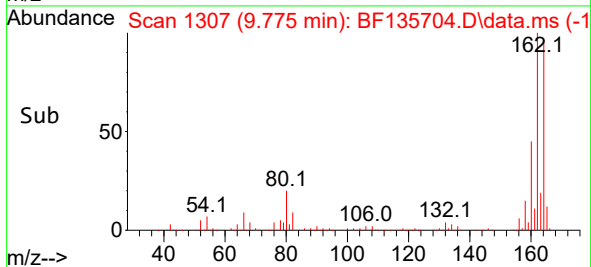
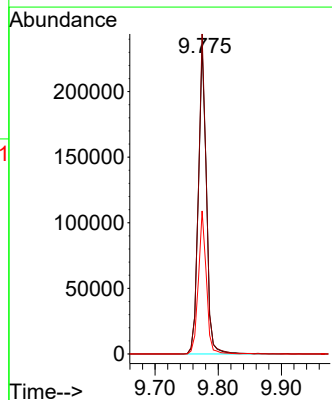
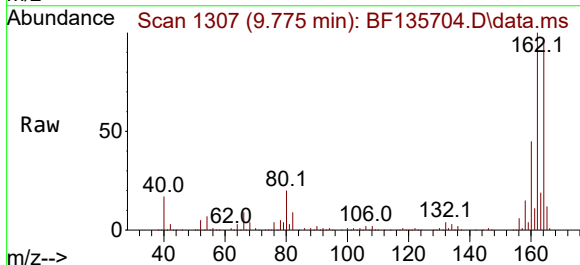
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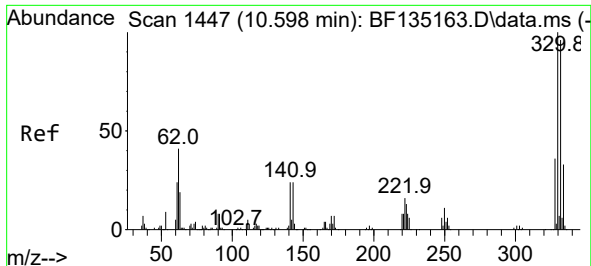
Tgt Ion: 82 Resp: 727987
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

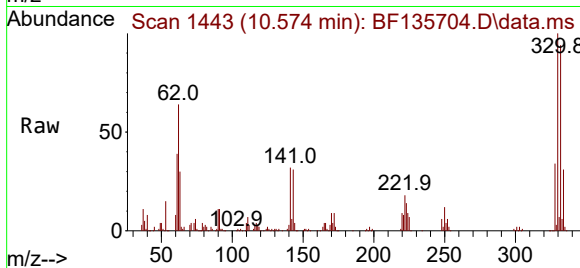
Tgt Ion: 164 Resp: 207863
Ion Ratio Lower Upper
164 100
162 103.9 81.0 121.4
160 46.5 37.0 55.4



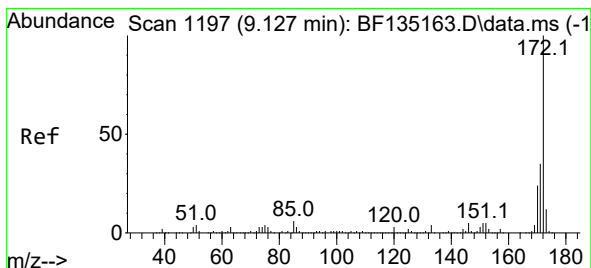
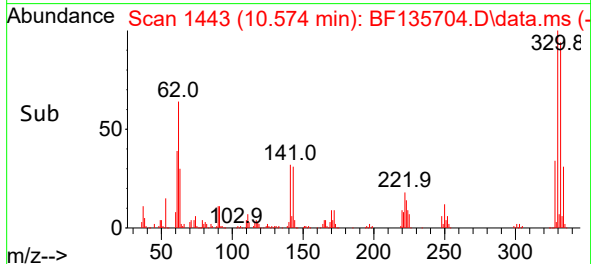
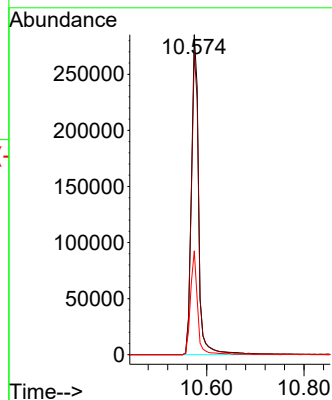


#42
2,4,6-Tribromophenol
Concen: 142.453 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

Instrument :
BNA_F
ClientSampleId :
PB156020BL

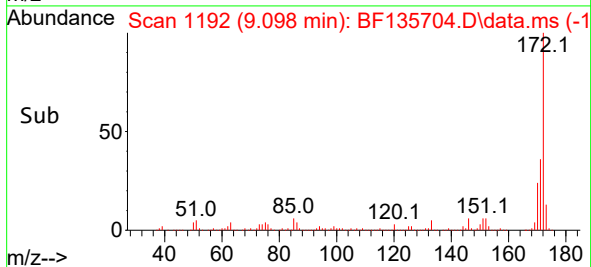
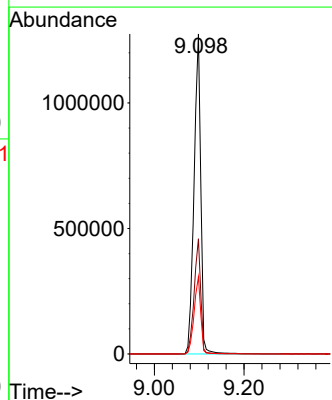
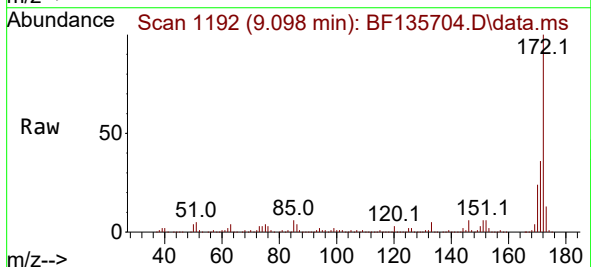


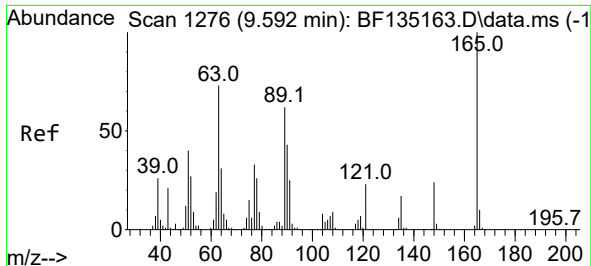
Tgt Ion:330 Resp: 294258
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 31.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 96.709 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

Tgt Ion:172 Resp: 1332404
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.1 19.0 28.4

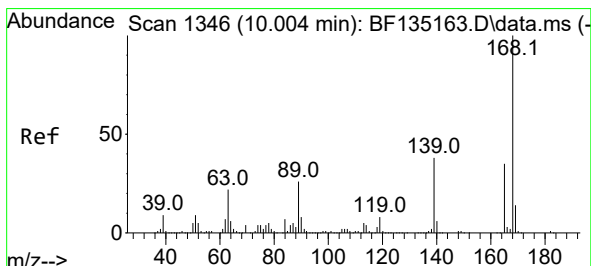
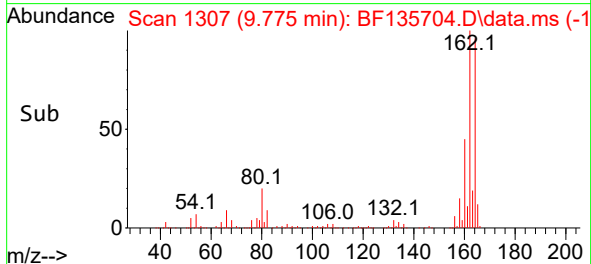
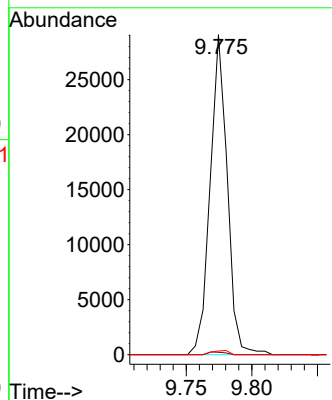
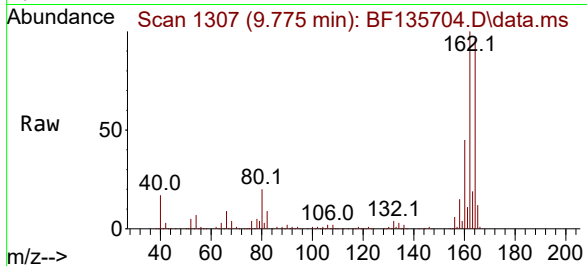




#51
2,6-Dinitrotoluene
Concen: 8.597 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

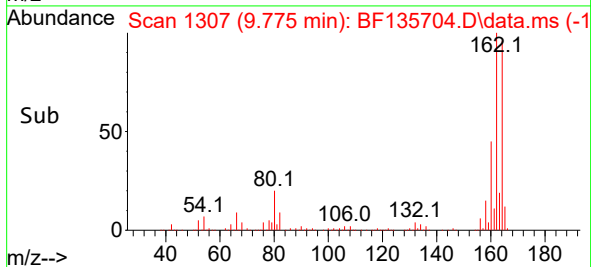
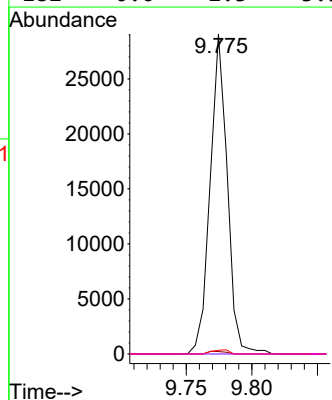
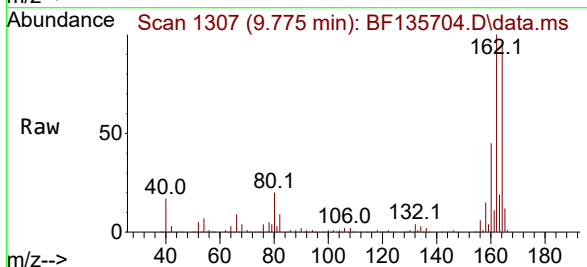
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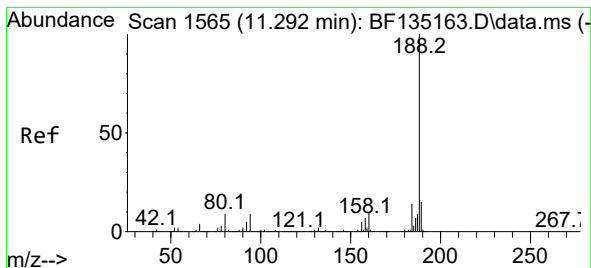
Tgt Ion:165 Resp: 26466
Ion Ratio Lower Upper
165 100
63 0.7 59.4 89.2#
89 1.1 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.867 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.218 min
Lab File: BF135704.D
Acq: 11 Oct 2023 10:31

Tgt Ion:165 Resp: 26466
Ion Ratio Lower Upper
165 100
63 0.7 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135704.D

Acq: 11 Oct 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB156020BL

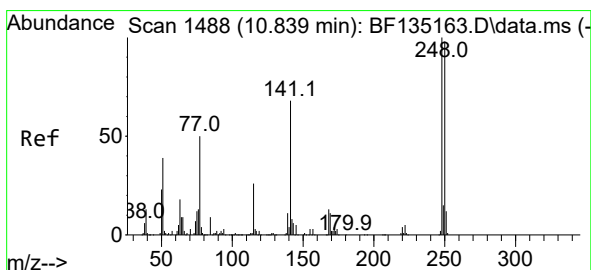
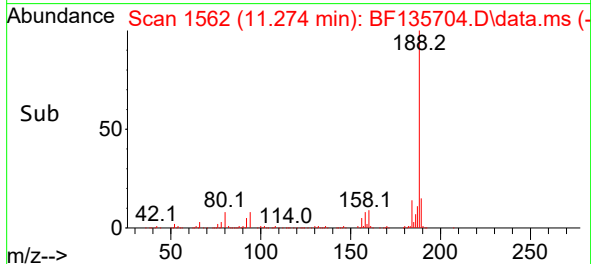
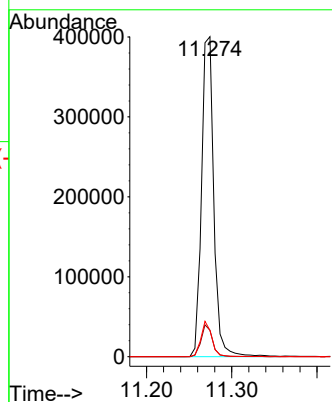
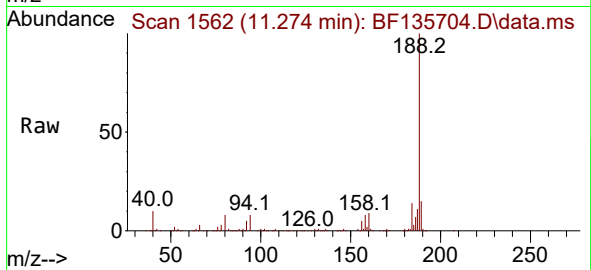
Tgt Ion:188 Resp: 400050

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 8.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.538 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF135704.D

Acq: 11 Oct 2023 10:31

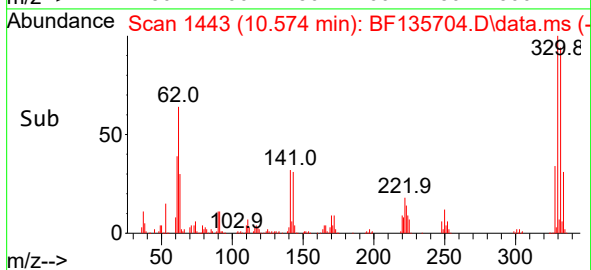
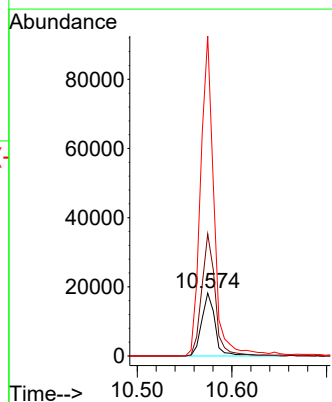
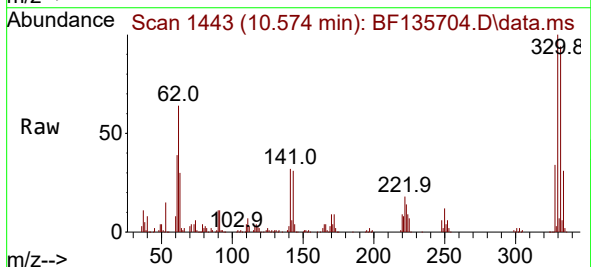
Tgt Ion:248 Resp: 18054

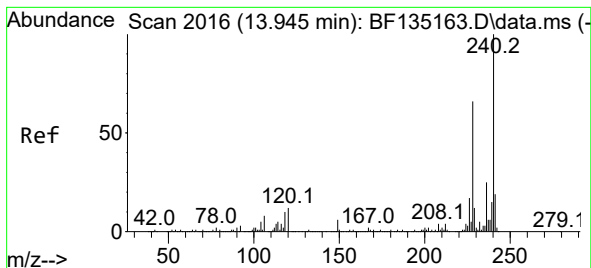
Ion Ratio Lower Upper

248 100

250 194.3 78.6 117.8#

141 509.0 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: BF135704.D

Acq: 11 Oct 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB156020BL

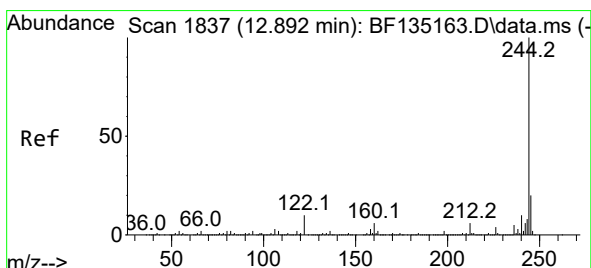
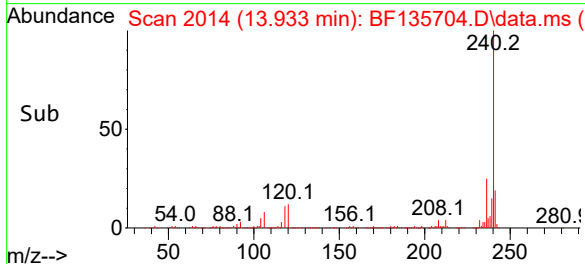
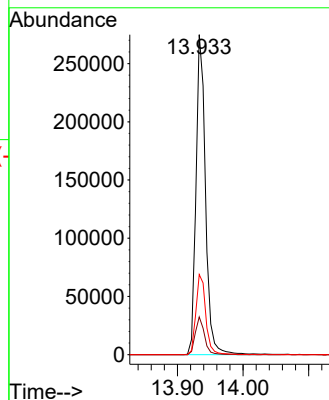
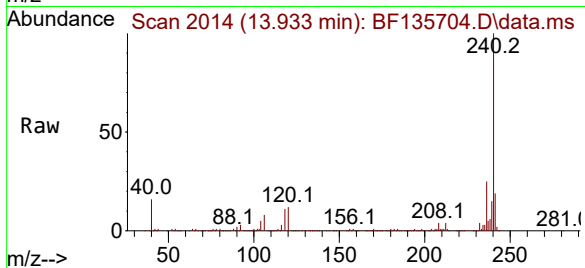
Tgt Ion:240 Resp: 277679

Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 25.1 19.8 29.8



#79

Terphenyl-d14

Concen: 84.625 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.006 min

Lab File: BF135704.D

Acq: 11 Oct 2023 10:31

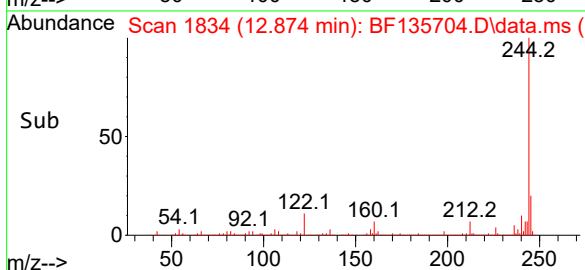
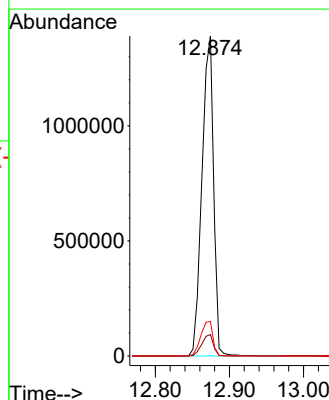
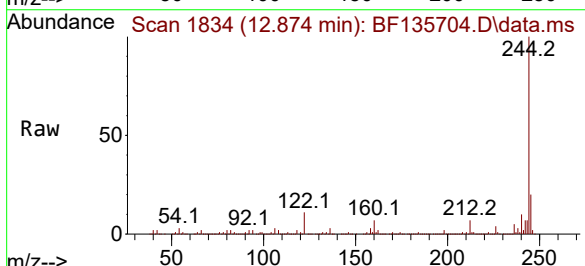
Tgt Ion:244 Resp: 1515859

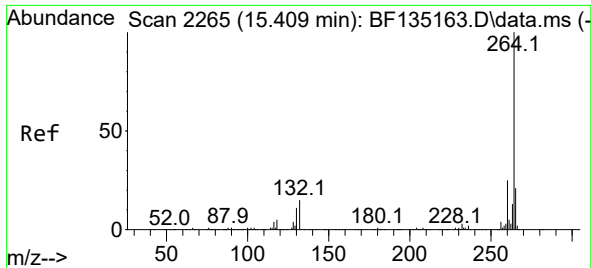
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

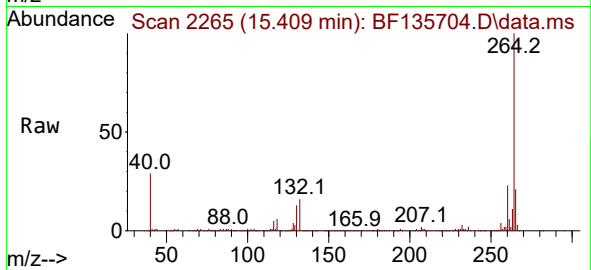
122 10.8 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135704.D
 Acq: 11 Oct 2023 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB156020BL



Tgt Ion:264 Resp: 223966
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.8 29.6
 265 20.9 17.0 25.4

