

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135709.D
 Acq On : 11 Oct 2023 13:08
 Operator : CG\JU
 Sample : 04817-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930

Quant Time: Oct 12 00:47:10 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 11 02:43:17 2023
 Response via : Initial Calibration

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

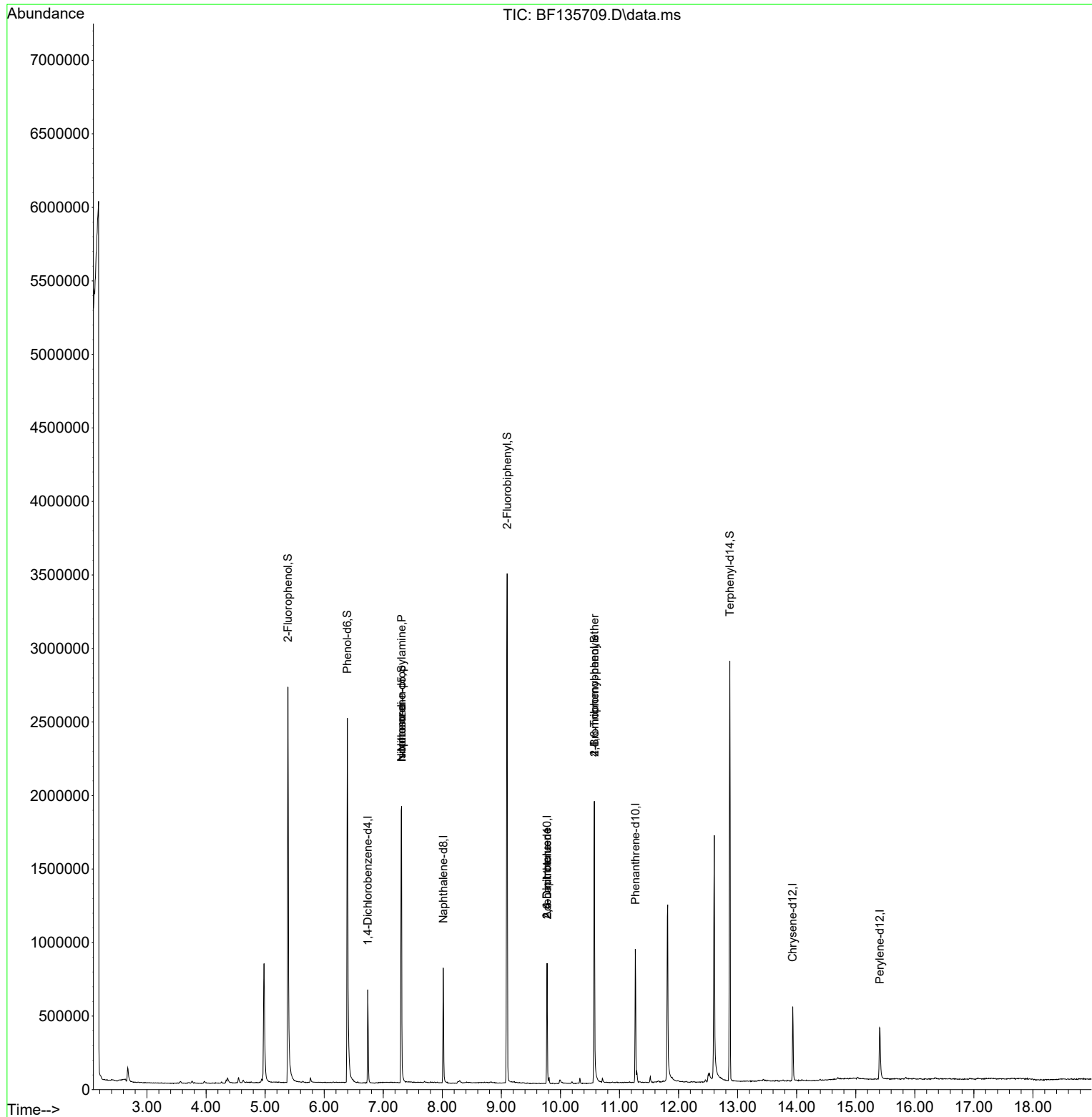
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	90189	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	342312	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	162497	20.000	ng	0.00
64) Phenanthrene-d10	11.268	188	330004	20.000	ng	0.00
76) Chrysene-d12	13.933	240	175473	20.000	ng	0.00
86) Perylene-d12	15.409	264	201337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	801336	144.511	ng	0.02
7) Phenol-d6	6.392	99	959779	136.120	ng	0.00
23) Nitrobenzene-d5	7.310	82	648627	102.946	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	255788	158.400	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1176204	109.206	ng	0.00
79) Terphenyl-d14	12.868	244	1048156	92.598	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	86881	19.893	ng	# 78
25) Isophorone	7.310	82	648627	56.063	ng	# 65
51) 2,6-Dinitrotoluene	9.774	165	20370	8.464	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	20370	6.761	ng	# 19
67) 4-Bromophenyl-phenylether	10.574	248	16252	4.952	ng	# 1

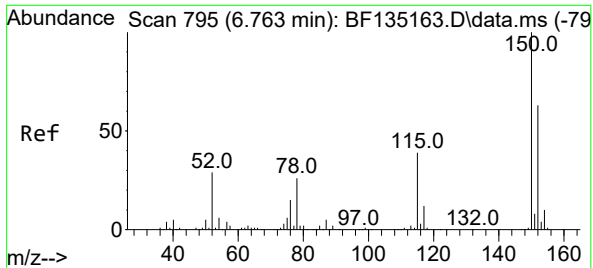
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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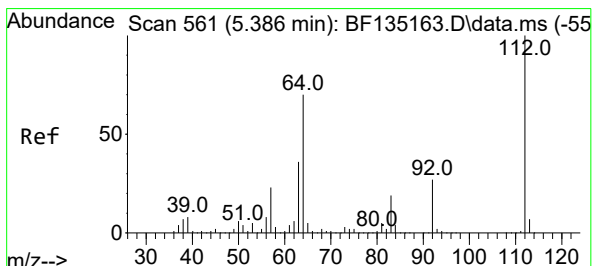
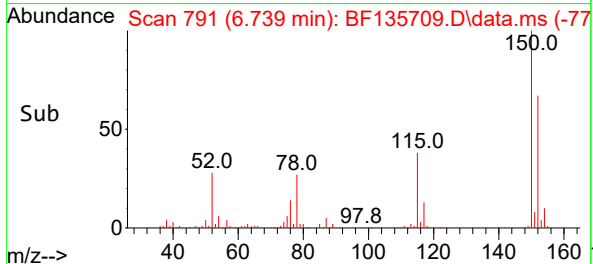
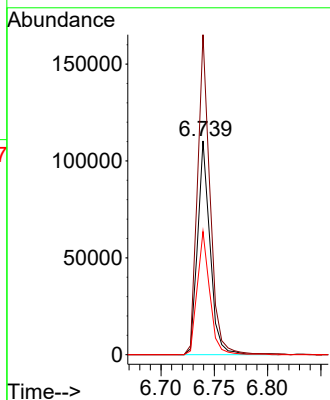
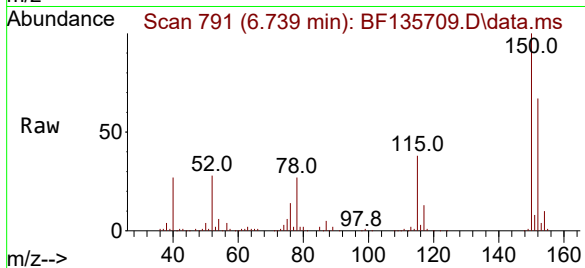




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

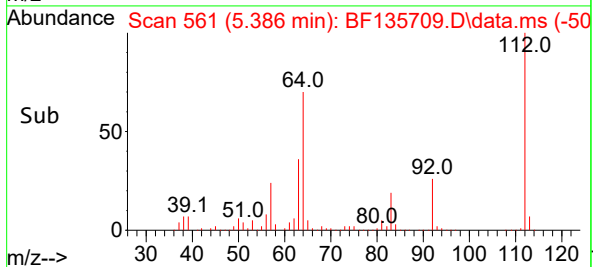
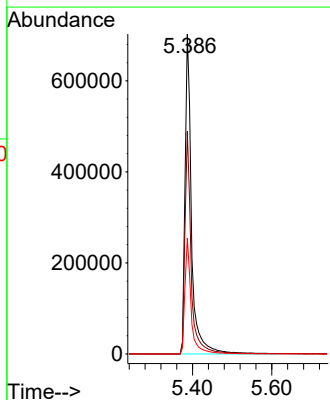
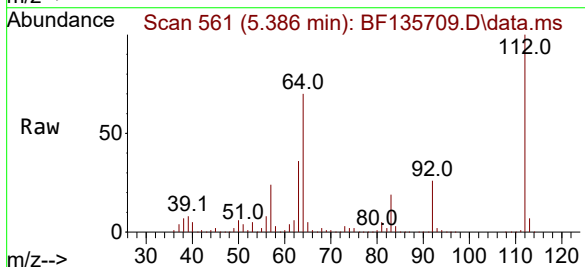
Instrument :
BNA_F
ClientSampleId :
72-11930

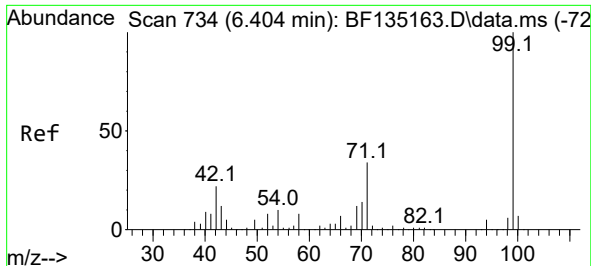
Tgt Ion:152 Resp: 90189
Ion Ratio Lower Upper
152 100
150 149.7 127.8 191.6
115 57.6 49.8 74.8



#5
2-Fluorophenol
Concen: 144.511 ng
RT: 5.386 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

Tgt Ion:112 Resp: 801336
Ion Ratio Lower Upper
112 100
64 69.5 55.9 83.9
63 36.1 29.0 43.6

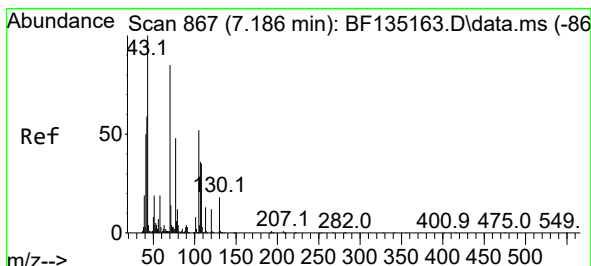
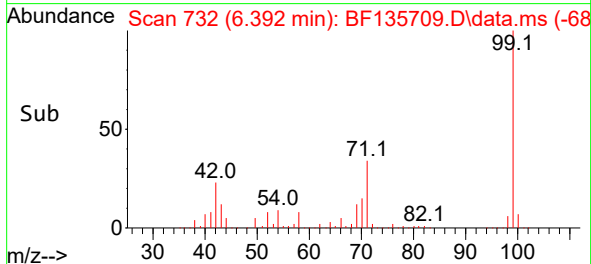
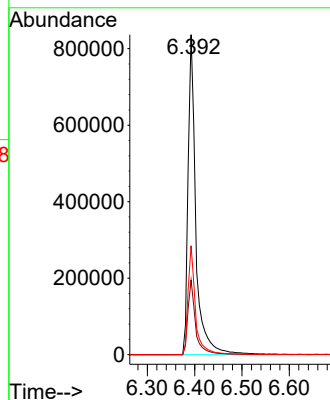
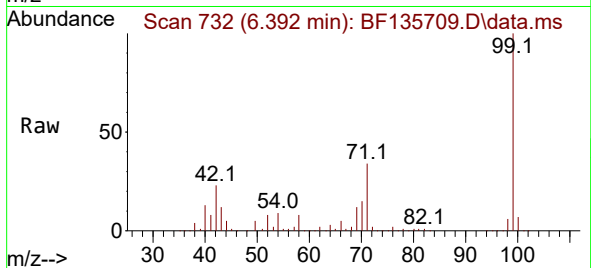




#7
Phenol-d6
Concen: 136.120 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

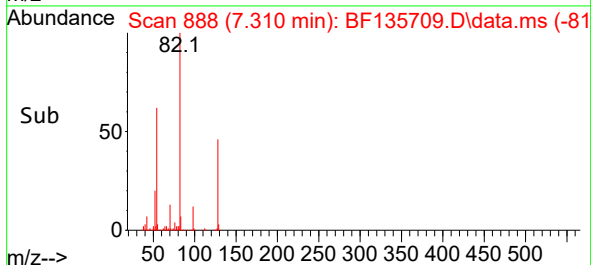
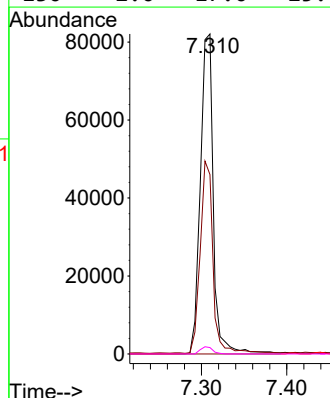
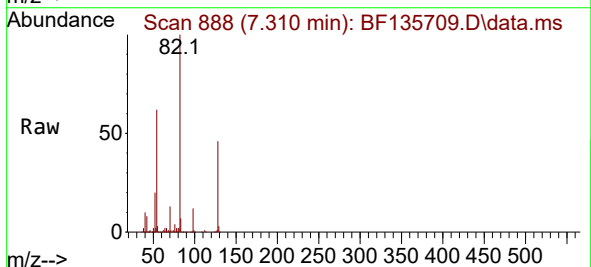
Instrument :
BNA_F
ClientSampleId :
72-11930

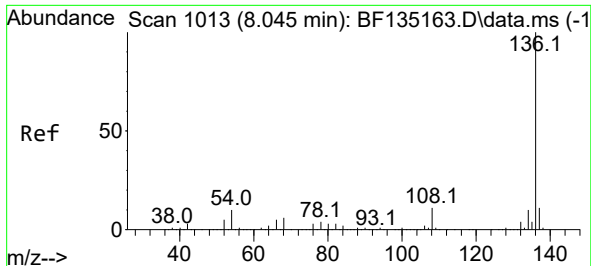
Tgt Ion: 99 Resp: 959779
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 34.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.893 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

Tgt Ion: 70 Resp: 86881
Ion Ratio Lower Upper
70 100
42 56.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

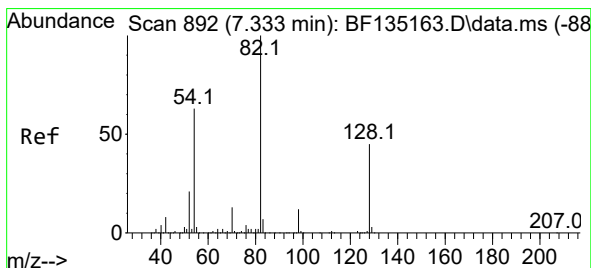
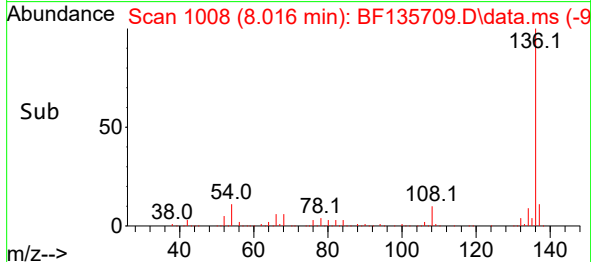
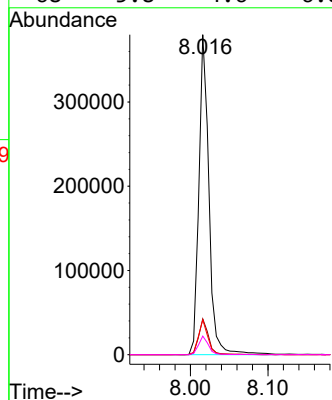
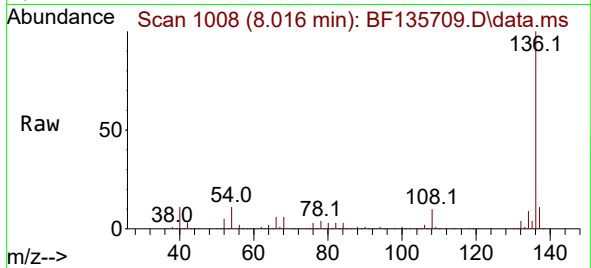




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

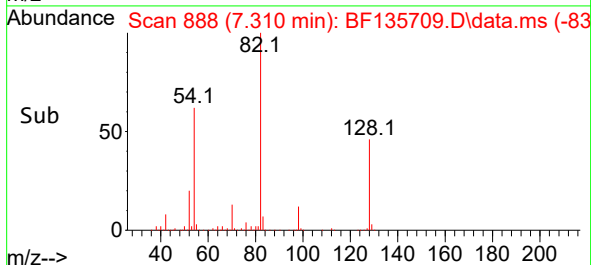
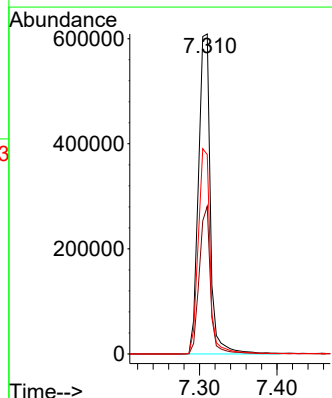
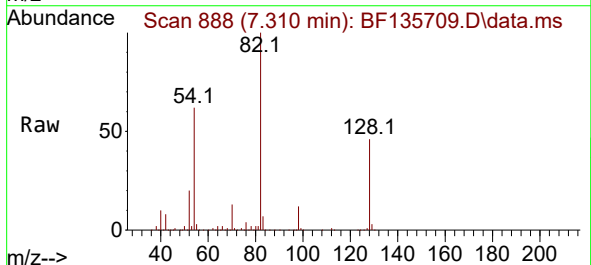
Instrument :
BNA_F
ClientSampleId :
72-11930

Tgt Ion:136 Resp: 342312
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.9 7.7 11.5
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 102.946 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

Tgt Ion: 82 Resp: 648627
Ion Ratio Lower Upper
82 100
128 46.2 35.8 53.6
54 62.3 50.6 76.0

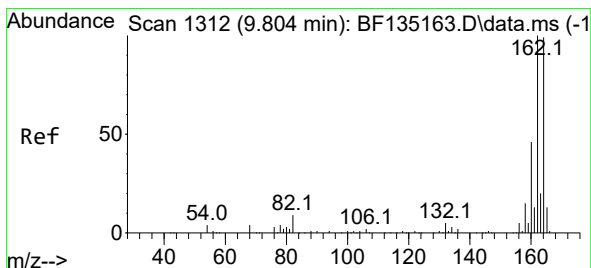
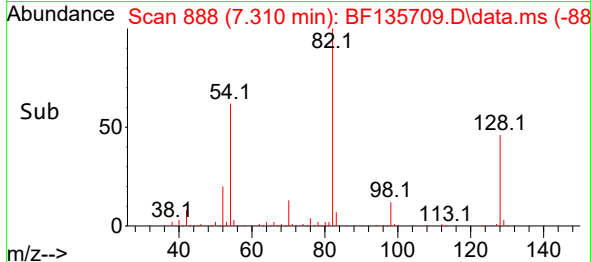
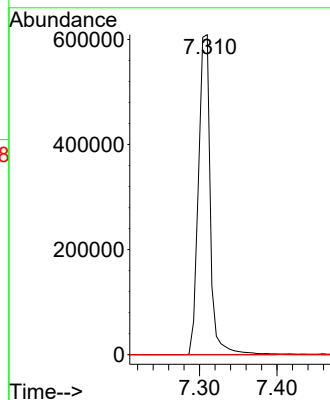
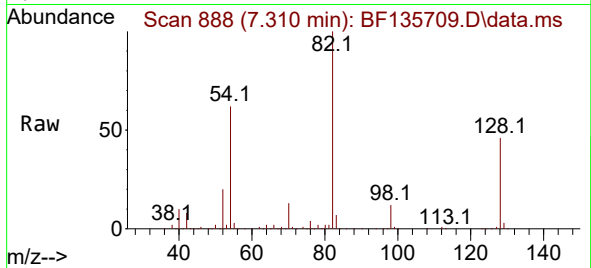




#25
Isophorone
Concen: 56.063 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

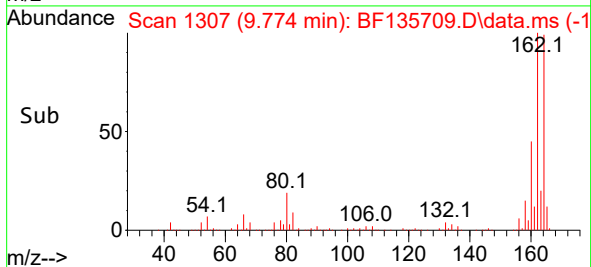
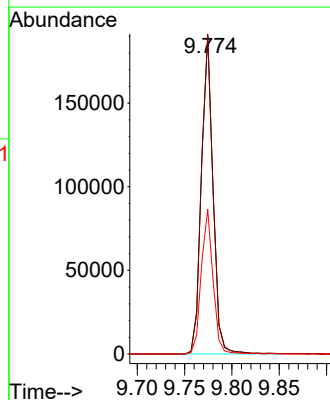
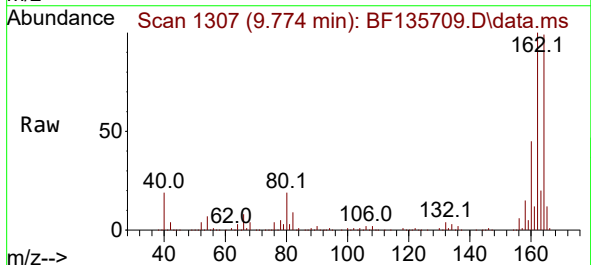
Instrument :
BNA_F
ClientSampleId :
72-11930

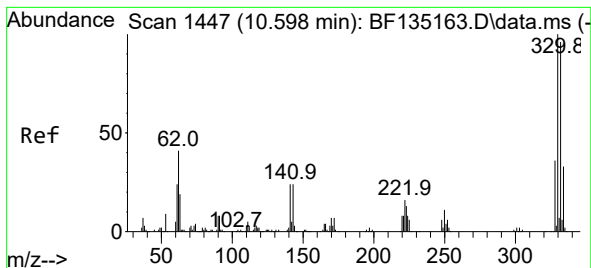
Tgt Ion: 82 Resp: 648627
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

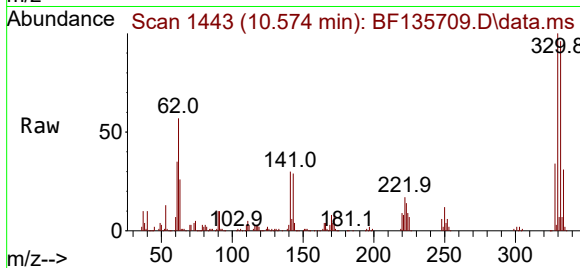
Tgt Ion:164 Resp: 162497
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 45.6 37.0 55.4



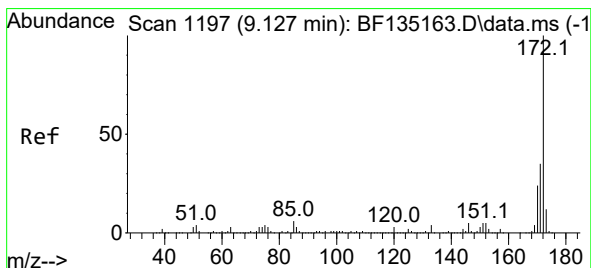
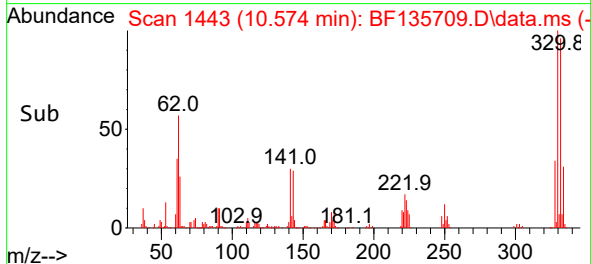
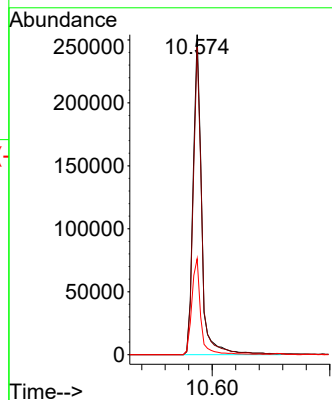


#42
2,4,6-Tribromophenol
Concen: 158.400 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

Instrument :
BNA_F
ClientSampleId :
72-11930

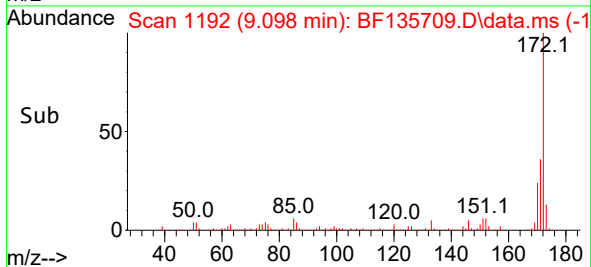
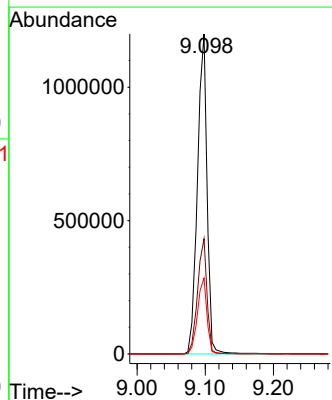
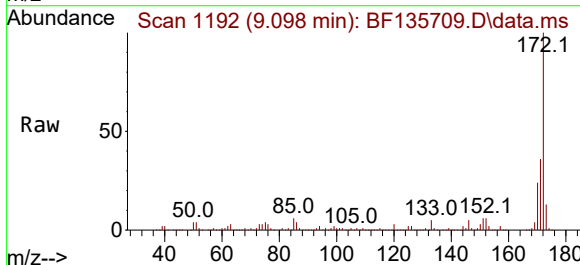


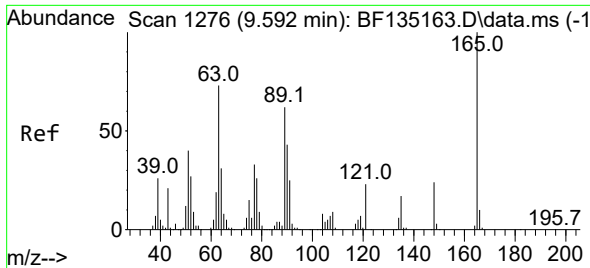
Tgt Ion:330 Resp: 255788
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 31.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 109.206 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

Tgt Ion:172 Resp: 1176204
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.7 19.0 28.4

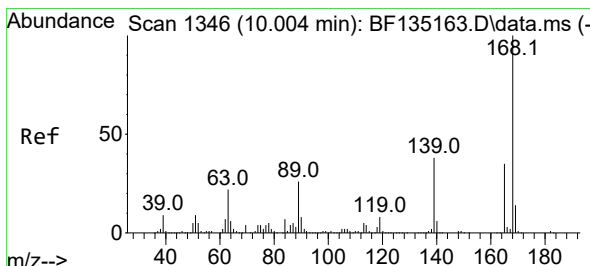
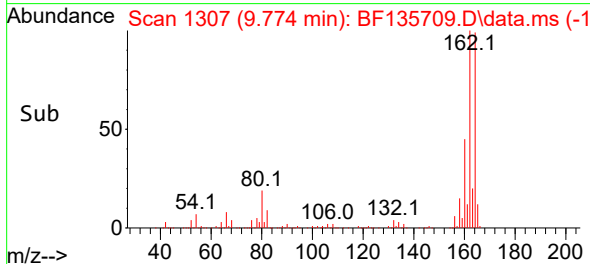
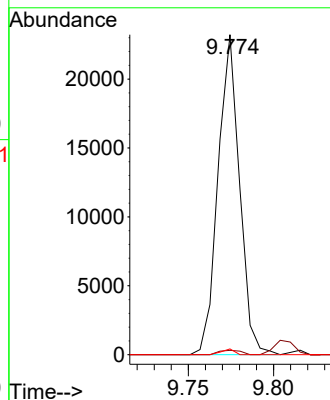
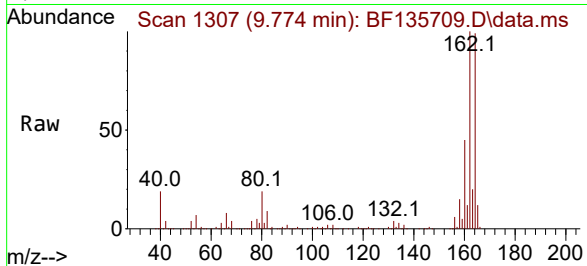




#51
2,6-Dinitrotoluene
Concen: 8.464 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

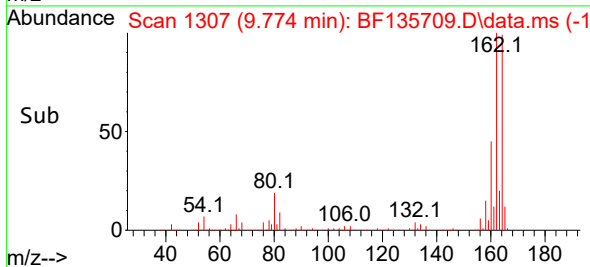
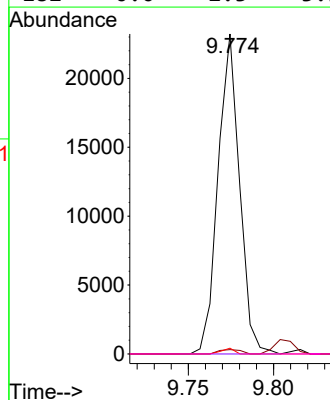
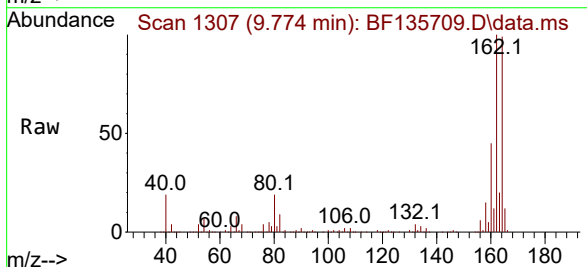
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ClientSampleId :
72-11930

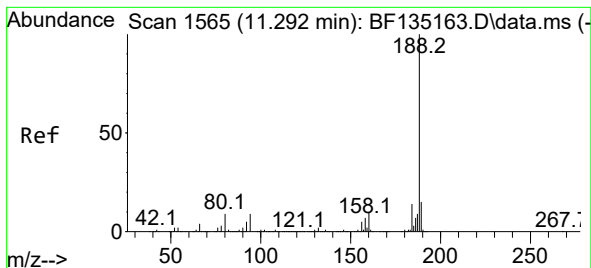
Tgt Ion:165 Resp: 20370
Ion Ratio Lower Upper
165 100
63 1.4 59.4 89.2#
89 1.8 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.761 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.218 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

Tgt Ion:165 Resp: 20370
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.8 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.268 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135709.D

Acq: 11 Oct 2023 13:08

Instrument :

BNA_F

ClientSampleId :

72-11930

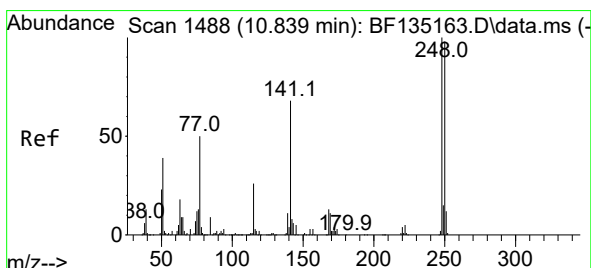
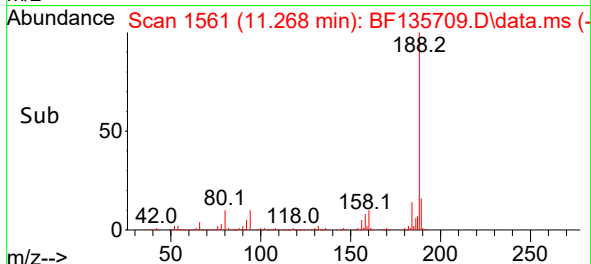
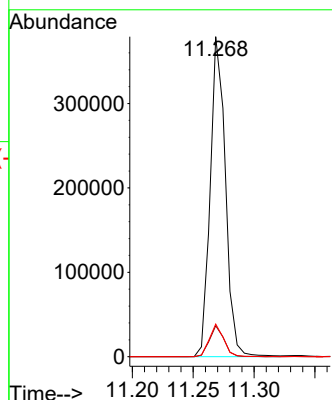
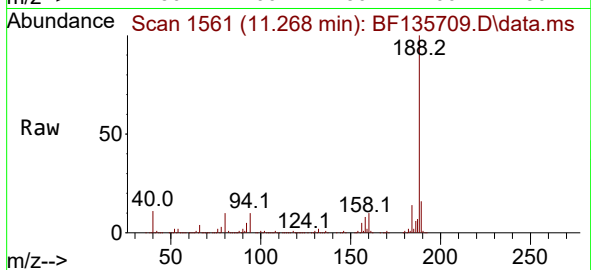
Tgt Ion:188 Resp: 330004

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 10.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.952 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF135709.D

Acq: 11 Oct 2023 13:08

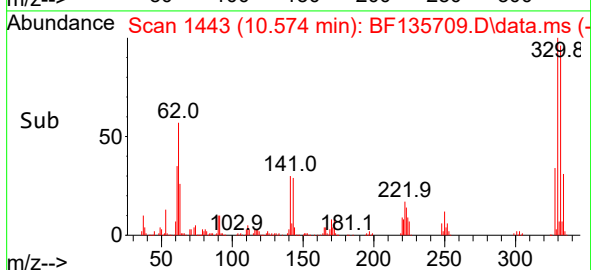
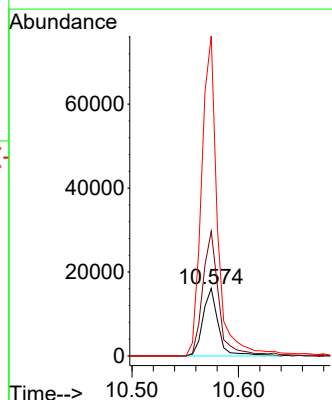
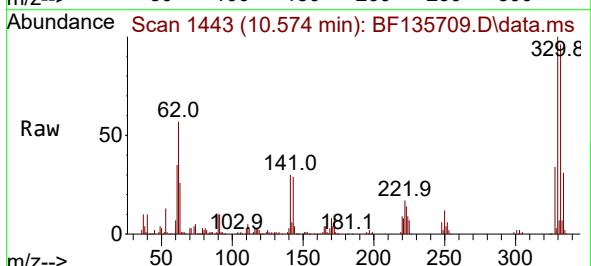
Tgt Ion:248 Resp: 16252

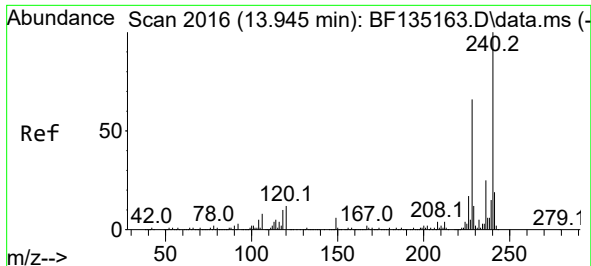
Ion Ratio Lower Upper

248 100

250 184.8 78.6 117.8#

141 473.9 54.2 81.2#

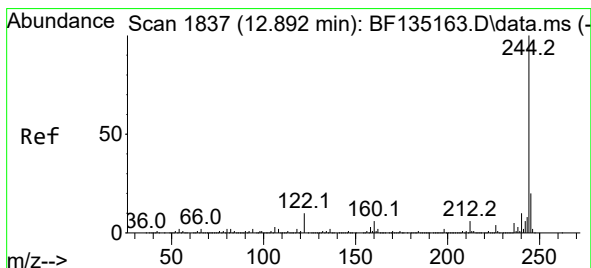
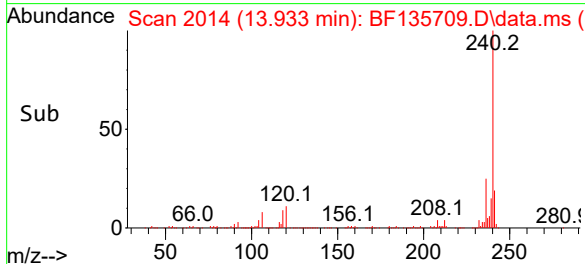
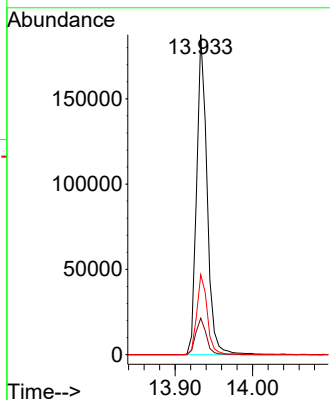
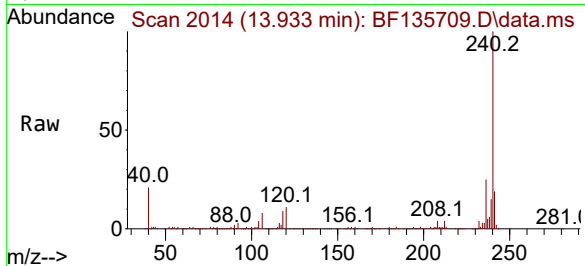




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

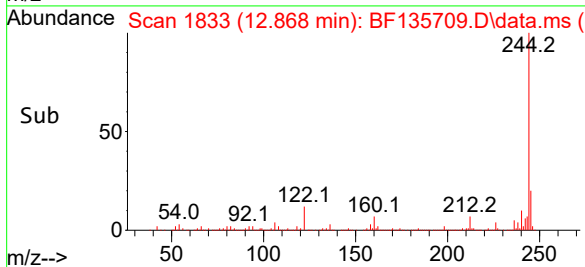
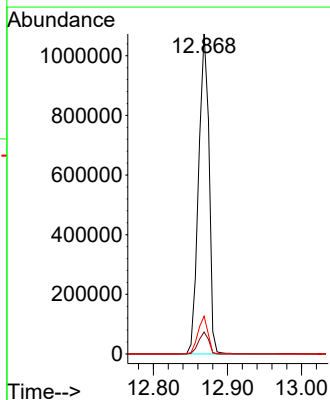
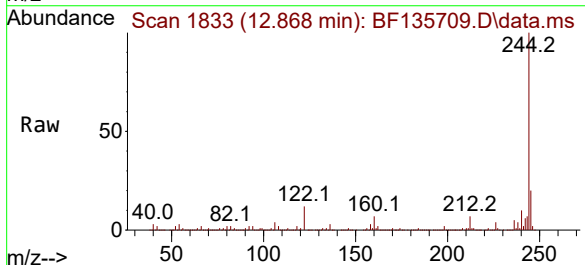
Instrument :
BNA_F
ClientSampleId :
72-11930

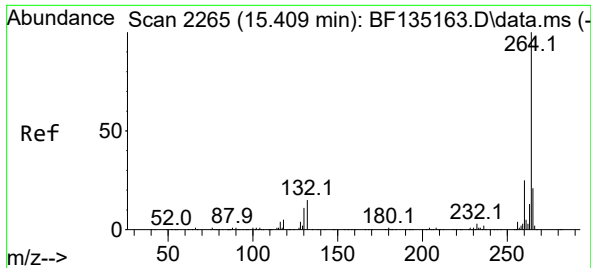
Tgt Ion:240 Resp: 175473
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 25.0 19.8 29.8



#79
Terphenyl-d14
Concen: 92.598 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF135709.D
Acq: 11 Oct 2023 13:08

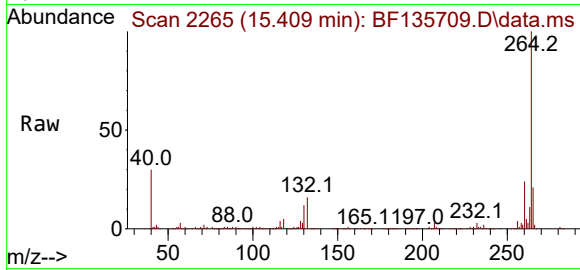
Tgt Ion:244 Resp: 1048156
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 11.8 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135709.D
 Acq: 11 Oct 2023 13:08

Instrument :
 BNA_F
 ClientSampleId :
 72-11930



Tgt Ion:264 Resp: 201337
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 21.2 17.0 25.4

