

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135629.D
 Acq On : 06 Oct 2023 15:11
 Operator : CG\JU
 Sample : 04714-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 19:55:43 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)

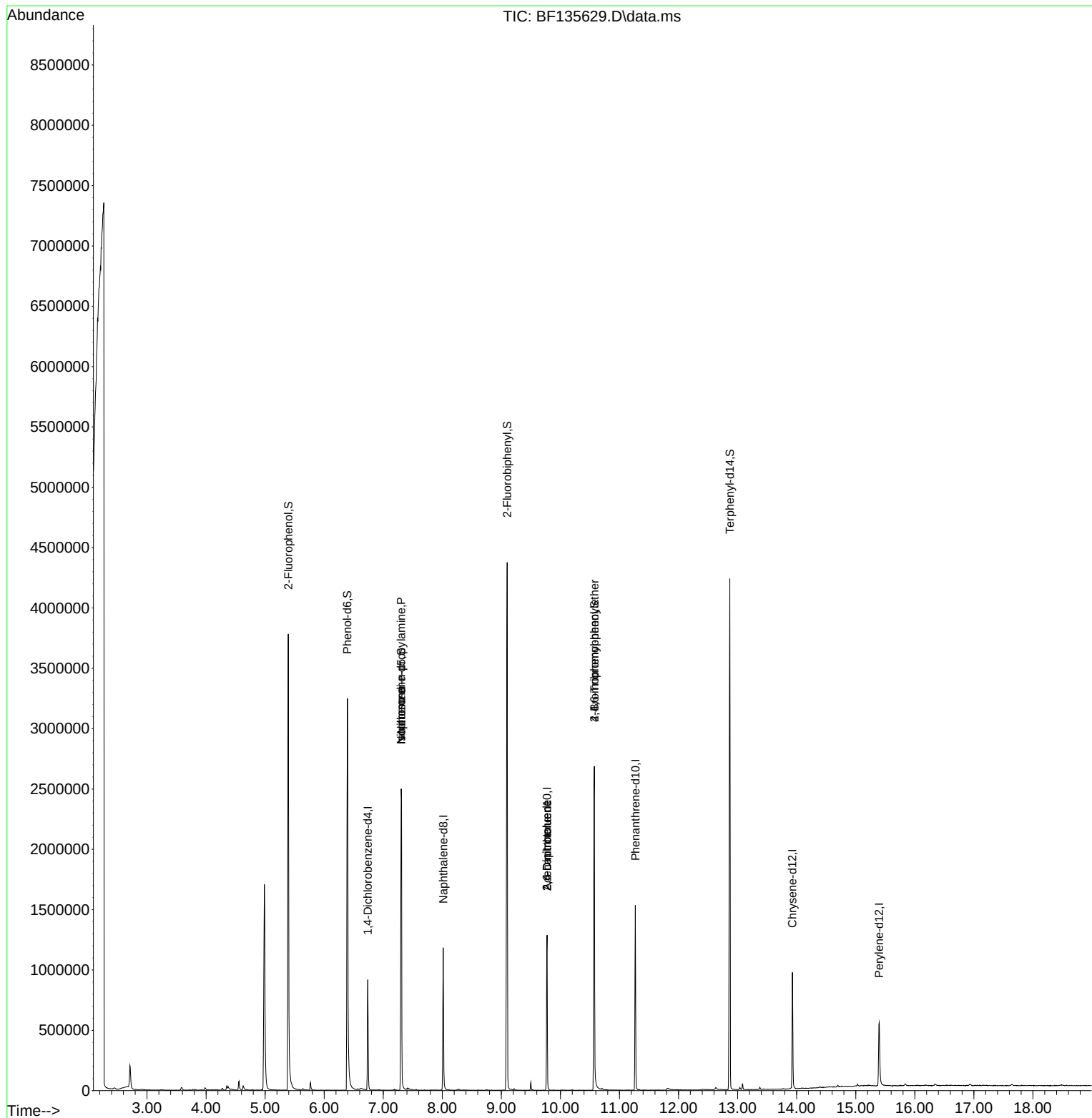
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	134345	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	528890	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	268084	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	537097	20.000	ng	0.00
76) Chrysene-d12	13.927	240	322904	20.000	ng	0.00
86) Perylene-d12	15.398	264	285252	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1091687	132.165	ng	0.02
7) Phenol-d6	6.392	99	1303711	124.126	ng	0.00
23) Nitrobenzene-d5	7.304	82	926623	95.186	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	359768	135.043	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1557869	87.674	ng	0.00
79) Terphenyl-d14	12.868	244	1650608	79.242	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	123108	18.923	ng	# 82
25) Isophorone	7.304	82	926614	51.836	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	34491	8.687	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	34491	6.939	ng	# 19
67) 4-Bromophenyl-phenylether	10.574	248	22695	4.249	ng	# 1

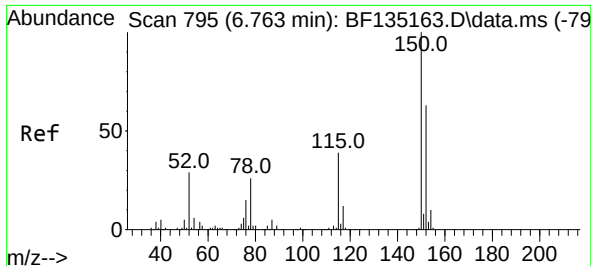
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

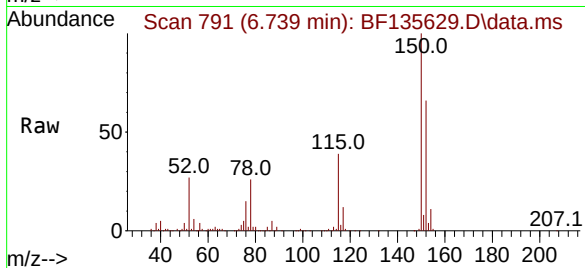
Quant Time: Oct 06 19:55:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration



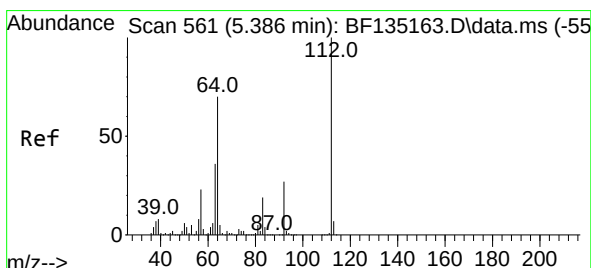
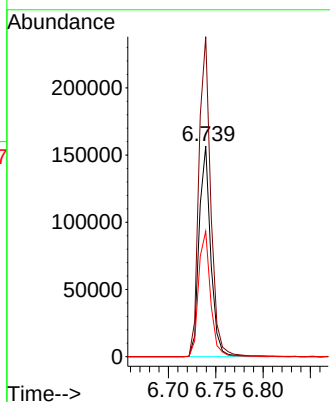
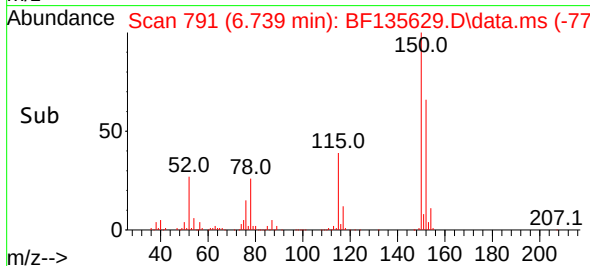


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

Instrument :
BNA_F
ClientSampleId :

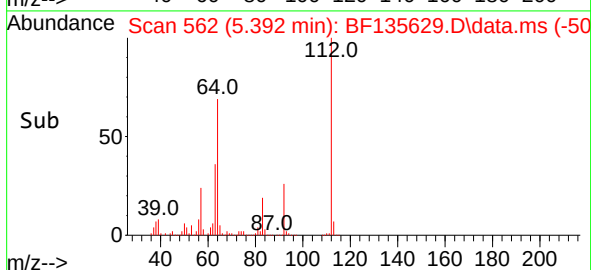
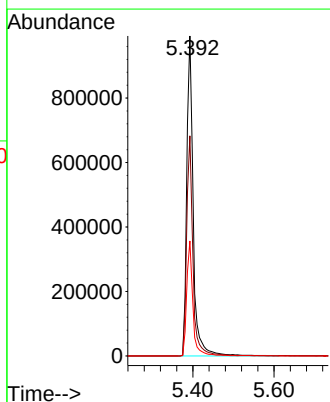
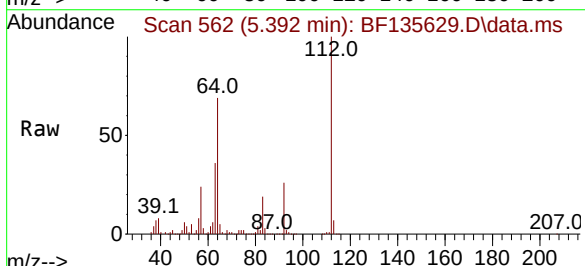


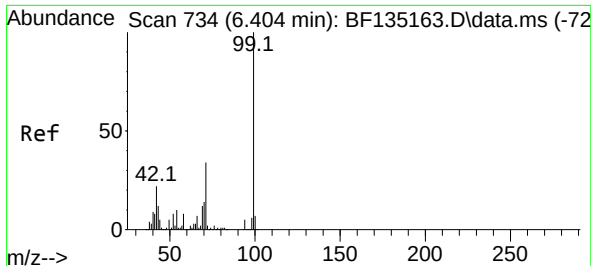
Tgt Ion:152 Resp: 134345
Ion Ratio Lower Upper
152 100
150 152.0 127.8 191.6
115 59.6 49.8 74.8



#5
2-Fluorophenol
Concen: 132.165 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.024 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

Tgt Ion:112 Resp: 1091687
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 36.0 29.0 43.6

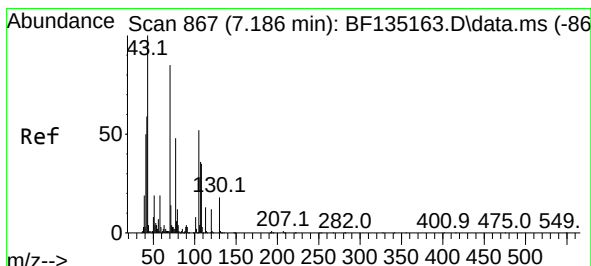
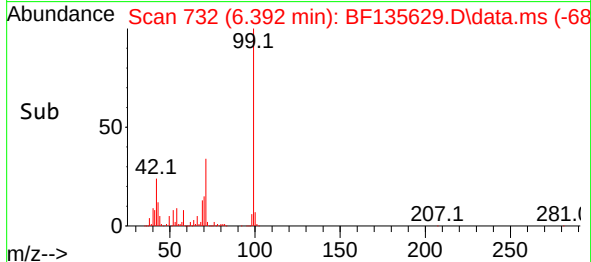
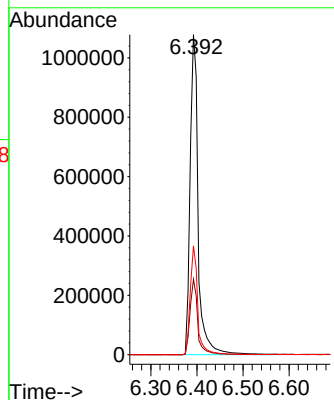
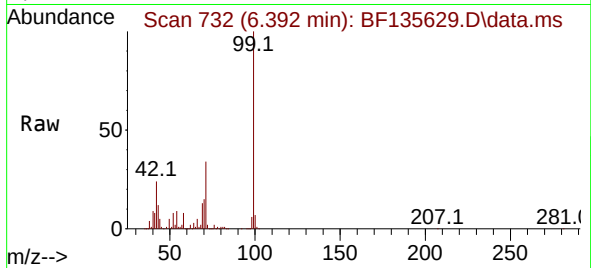




#7
Phenol-d6
Concen: 124.126 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

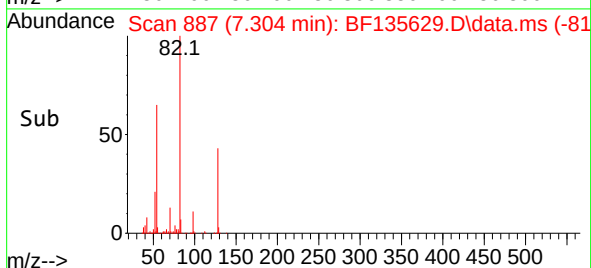
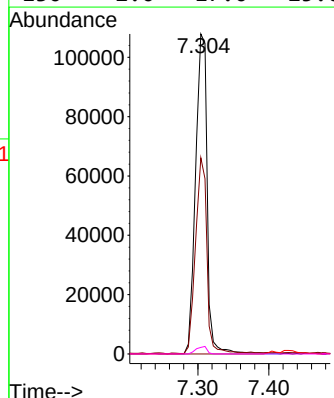
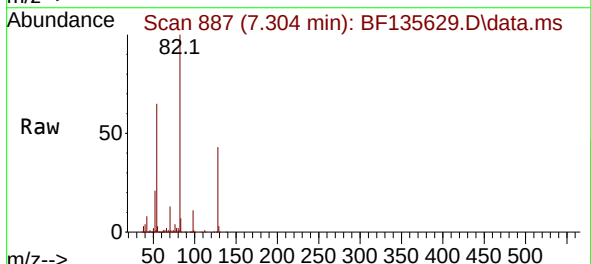
Instrument :
BNA_F
ClientSampleId :

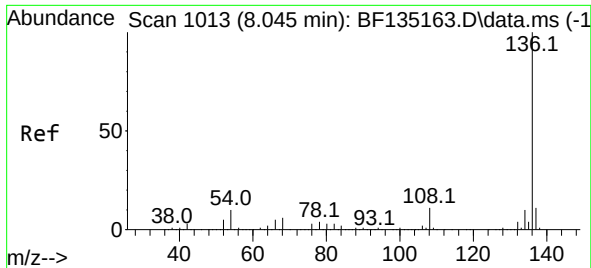
Tgt Ion: 99 Resp: 1303711
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 34.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.923 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

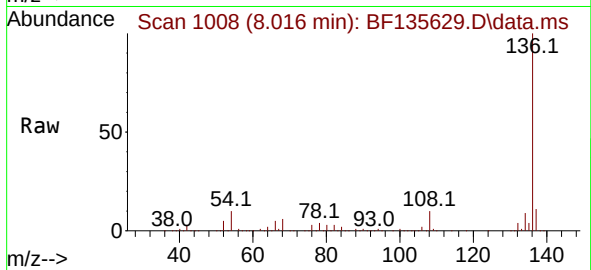
Tgt Ion: 70 Resp: 123108
Ion Ratio Lower Upper
70 100
42 61.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#



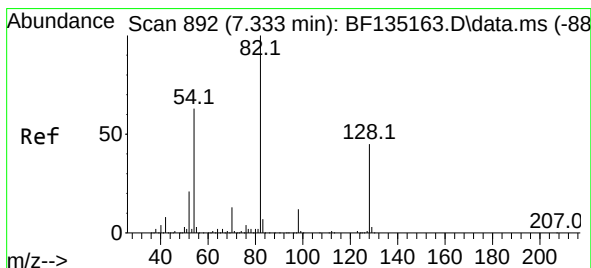
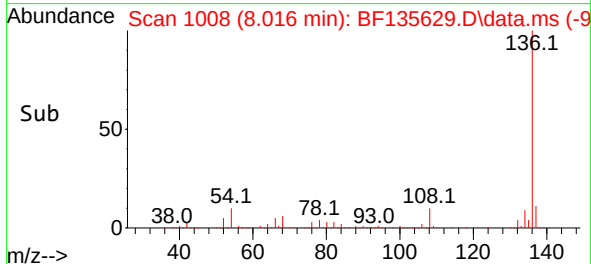
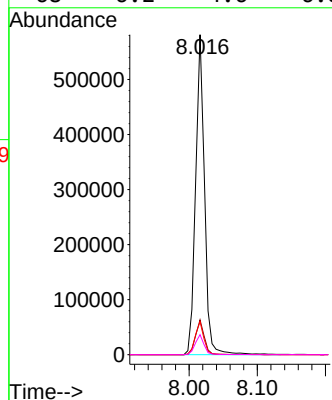


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

Instrument :
BNA_F
ClientSampleId :

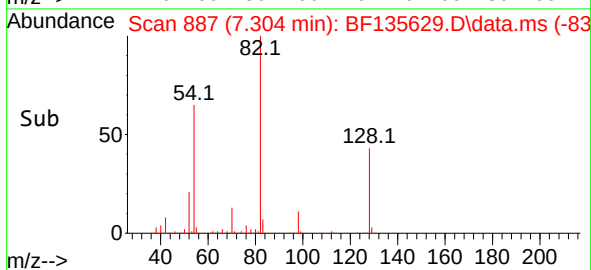
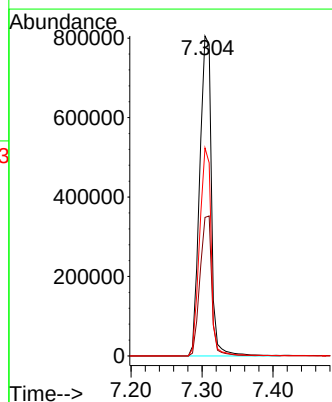
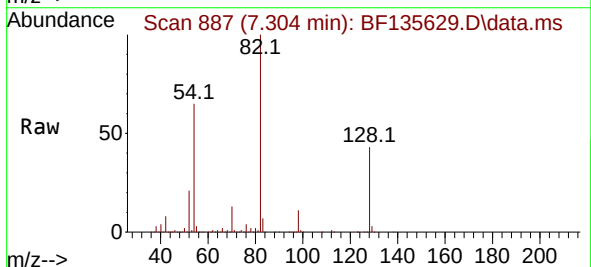


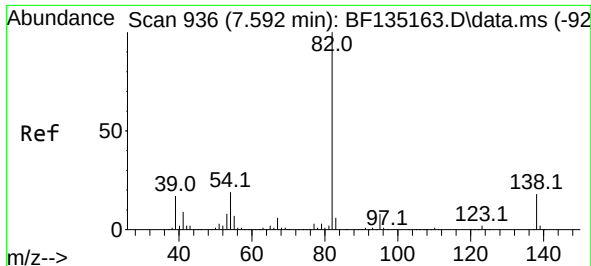
Tgt Ion:136 Resp: 528890
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.3 7.7 11.5
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 95.186 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

Tgt Ion: 82 Resp: 926623
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.6
54 65.0 50.6 76.0

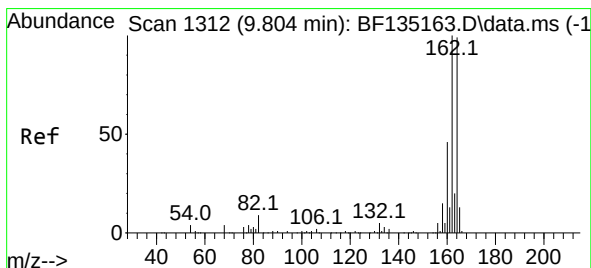
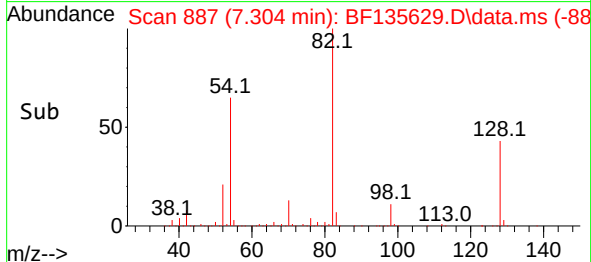
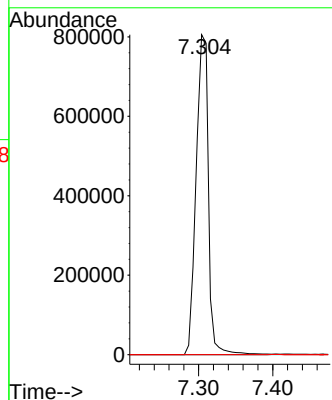
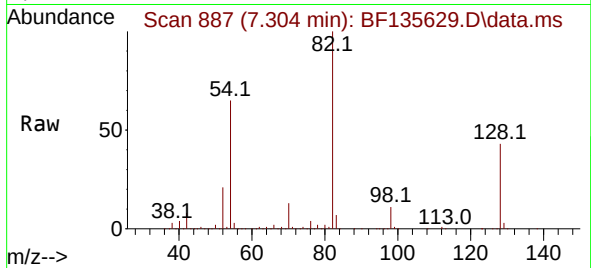




#25
Isophorone
Concen: 51.836 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

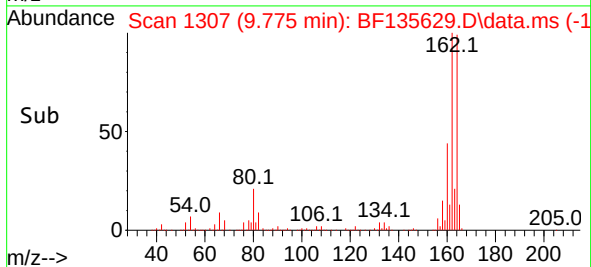
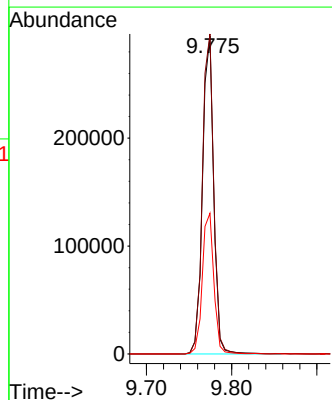
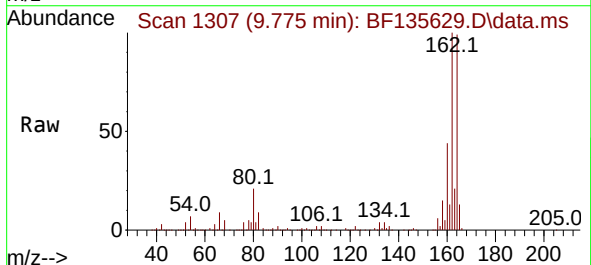
Instrument :
BNA_F
ClientSampleId :

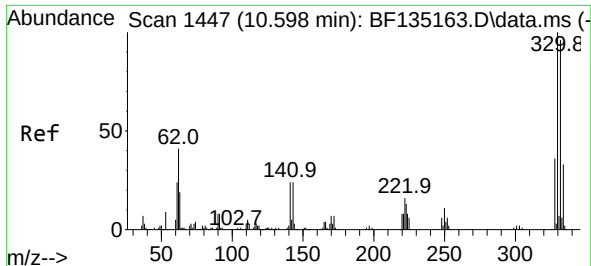
Tgt Ion: 82 Resp: 926614
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

Tgt Ion:164 Resp: 268084
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 135.043 ng

RT: 10.574 min Scan# 1443

Delta R.T. 0.006 min

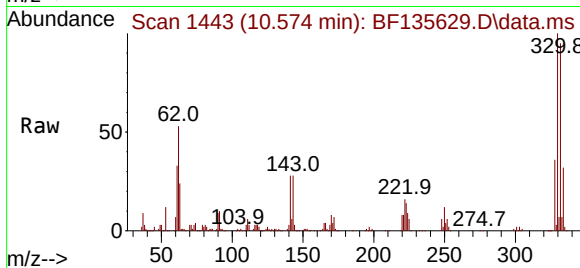
Lab File: BF135629.D

Acq: 06 Oct 2023 15:11

Instrument :

BNA_F

ClientSampleId :



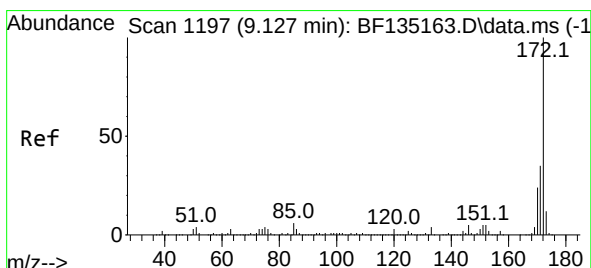
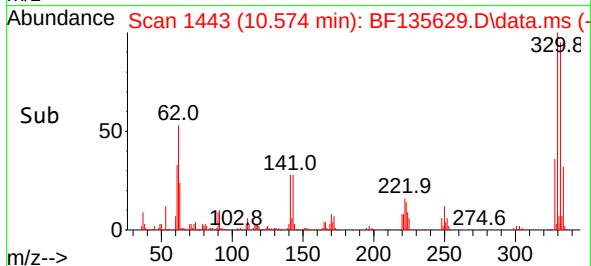
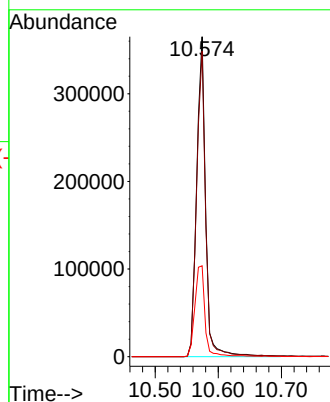
Tgt Ion:330 Resp: 359768

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 32.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.674 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135629.D

Acq: 06 Oct 2023 15:11

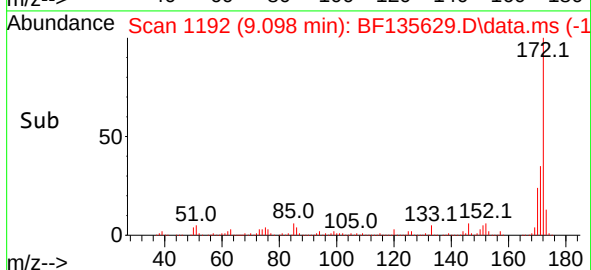
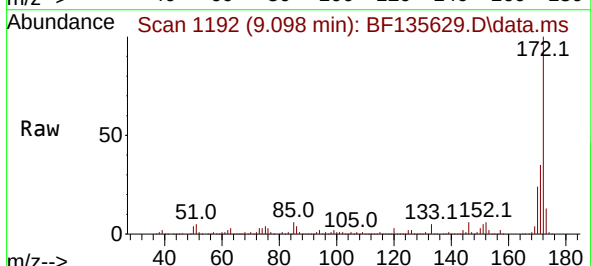
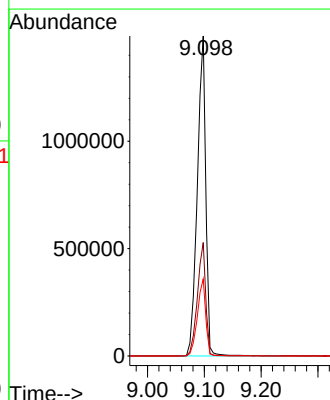
Tgt Ion:172 Resp: 1557869

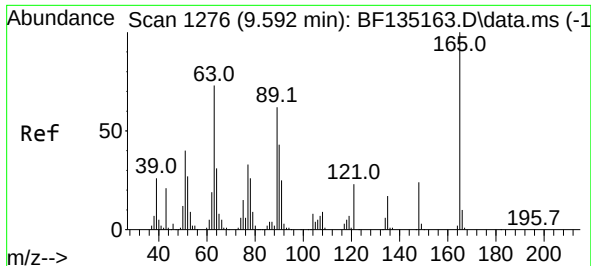
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.1 19.0 28.4

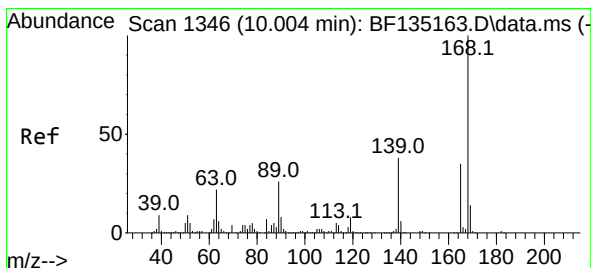
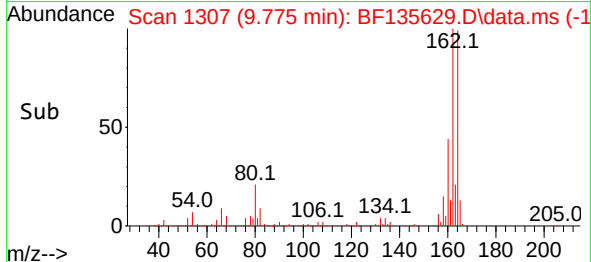
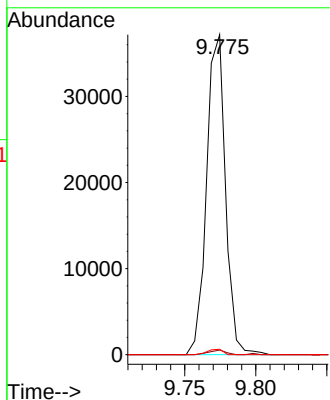
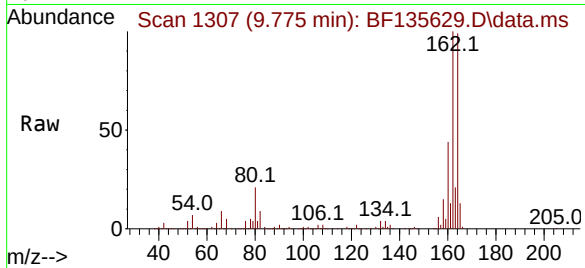




#51
2,6-Dinitrotoluene
Concen: 8.687 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

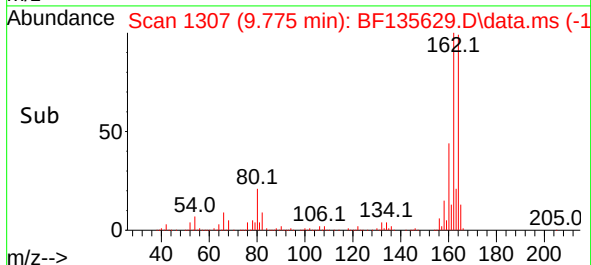
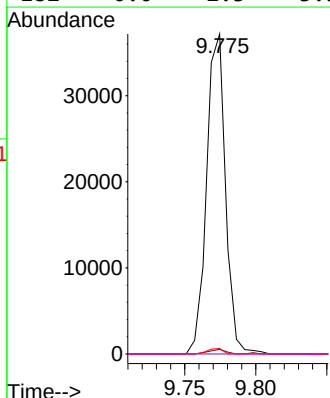
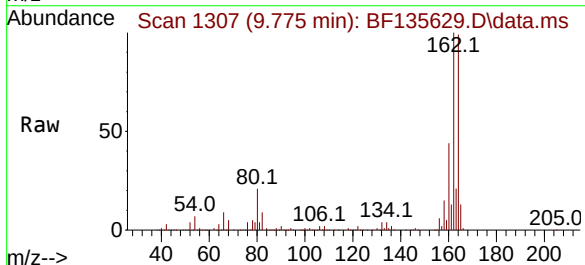
Instrument :
BNA_F
ClientSampleId :

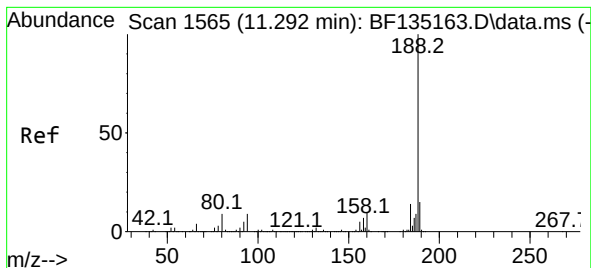
Tgt Ion:165 Resp: 34491
Ion Ratio Lower Upper
165 100
63 1.5 59.4 89.2#
89 1.7 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.939 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

Tgt Ion:165 Resp: 34491
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 1.7 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135629.D

Acq: 06 Oct 2023 15:11

Instrument :

BNA_F

ClientSampleId :

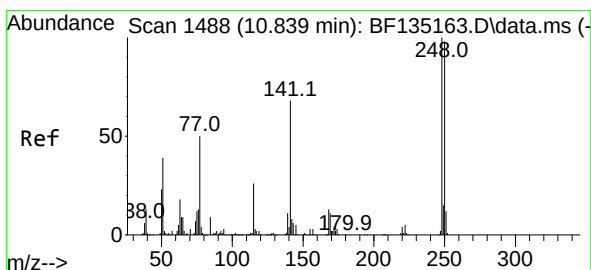
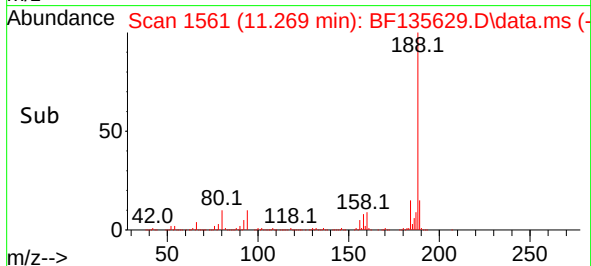
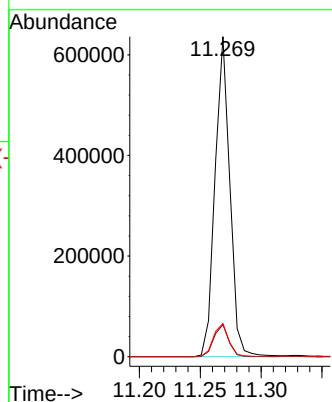
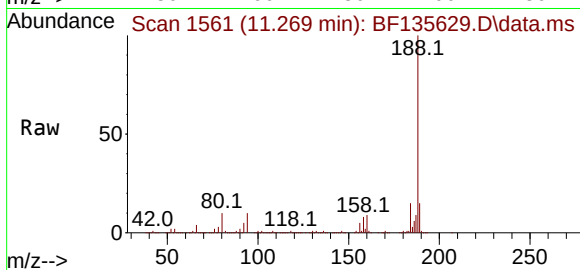
Tgt Ion:188 Resp: 537097

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.4 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.249 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.235 min

Lab File: BF135629.D

Acq: 06 Oct 2023 15:11

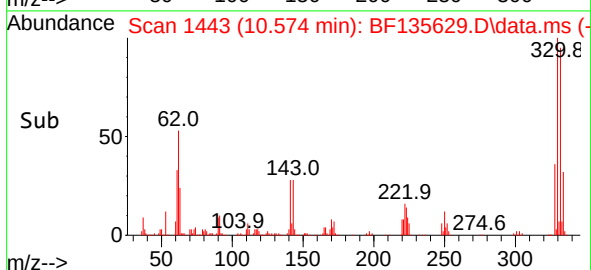
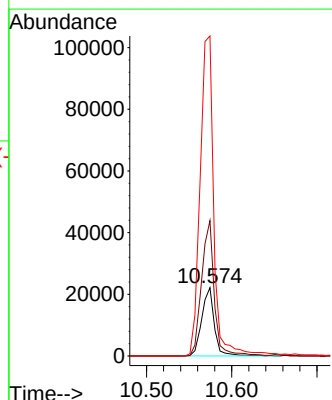
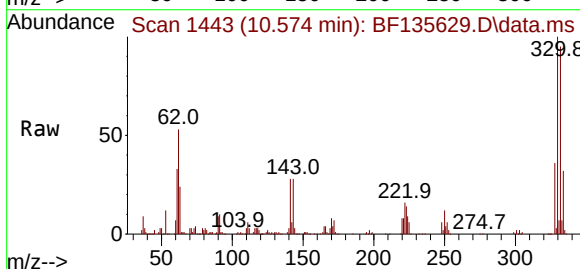
Tgt Ion:248 Resp: 22695

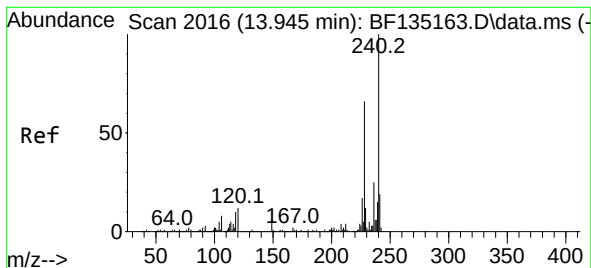
Ion Ratio Lower Upper

248 100

250 198.2 78.6 117.8#

141 468.5 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135629.D

Acq: 06 Oct 2023 15:11

Instrument :

BNA_F

ClientSampleId :

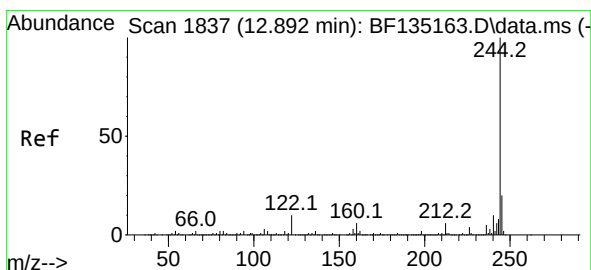
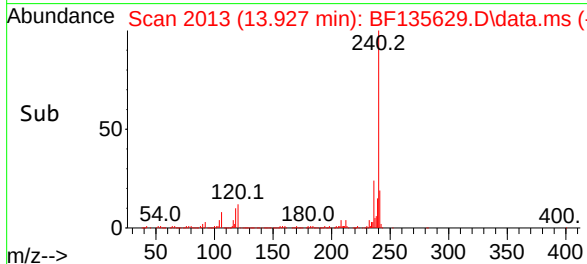
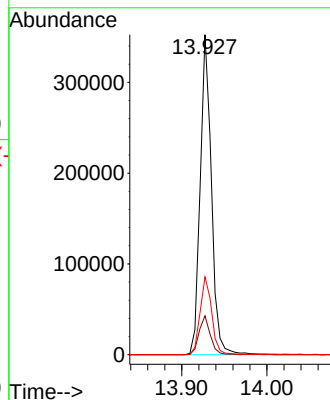
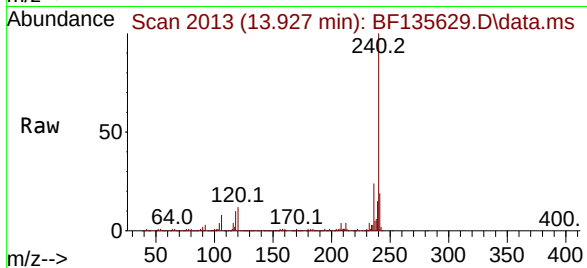
Tgt Ion:240 Resp: 322904

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

236 24.3 19.8 29.8



#79

Terphenyl-d14

Concen: 79.242 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF135629.D

Acq: 06 Oct 2023 15:11

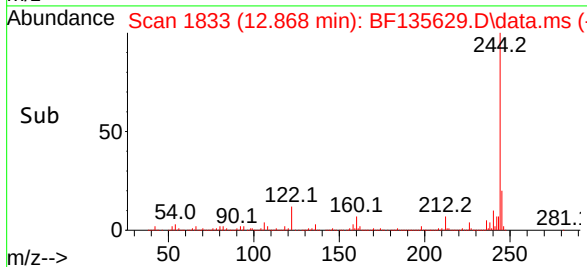
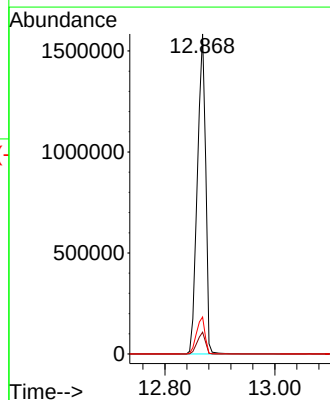
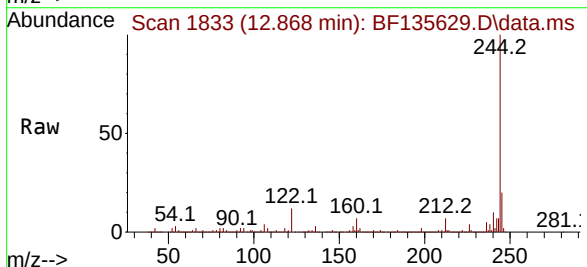
Tgt Ion:244 Resp: 1650608

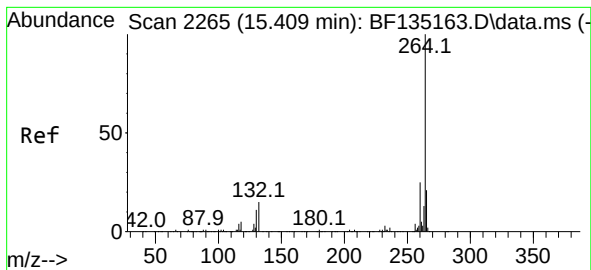
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

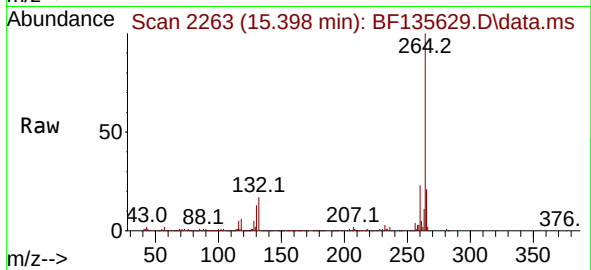
122 11.5 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF135629.D
 Acq: 06 Oct 2023 15:11

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	264	Resp:	285252
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.8	29.6
265	20.7	17.0	25.4

