

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135819.D
 Acq On : 17 Oct 2023 18:57
 Operator : CG\JU
 Sample : 04895-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2

Quant Time: Oct 18 02:00:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

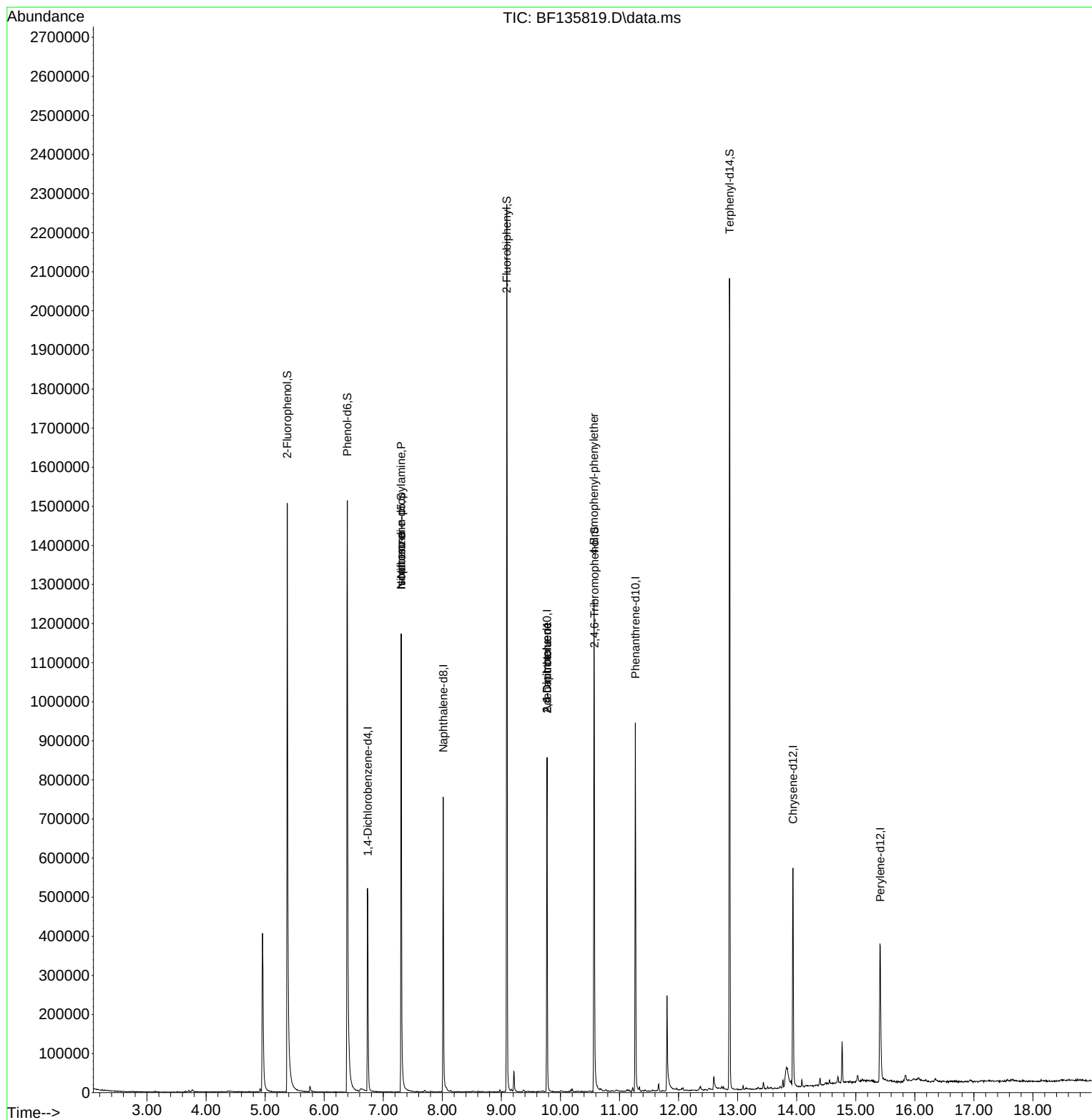
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	85266	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	321422	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	164961	20.000	ng	-0.01
64) Phenanthrene-d10	11.268	188	344050	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	217387	20.000	ng	-0.01
86) Perylene-d12	15.415	264	192856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	482871	91.049	ng	0.00
7) Phenol-d6	6.392	99	585140	88.427	ng	0.00
23) Nitrobenzene-d5	7.304	82	350320	59.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	155393	98.168	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	664816	63.012	ng	-0.01
79) Terphenyl-d14	12.863	244	773307	65.878	ng	-0.02
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.304	70	46407	11.342	ng	# 72
25) Isophorone	7.304	82	350320	31.774	ng	# 66
51) 2,6-Dinitrotoluene	9.774	165	21220	8.861	ng	# 16
57) 2,4-Dinitrotoluene	9.774	165	21220	6.965	ng	# 24
67) 4-Bromophenyl-phenylether	10.569	248	9455	2.738	ng	# 1

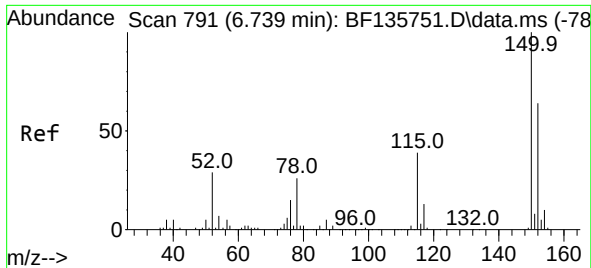
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
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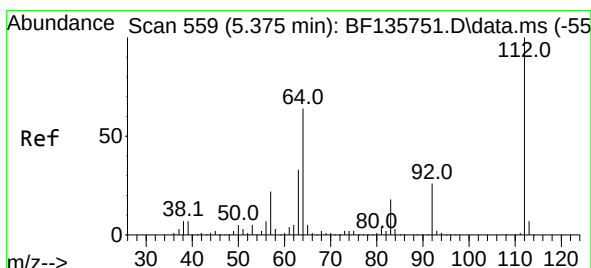
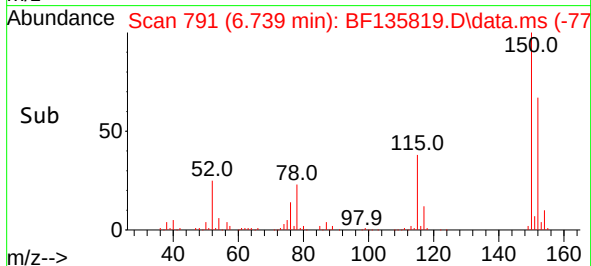
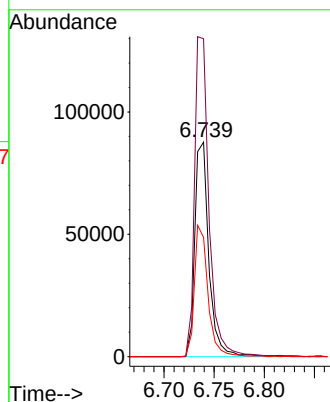
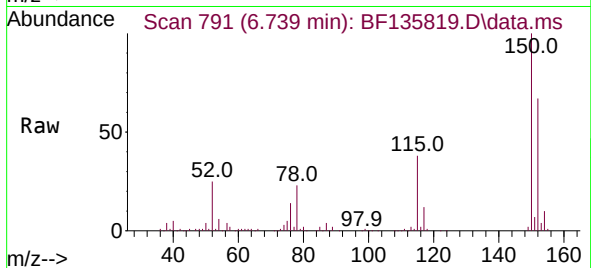




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135819.D
 Acq: 17 Oct 2023 18:57

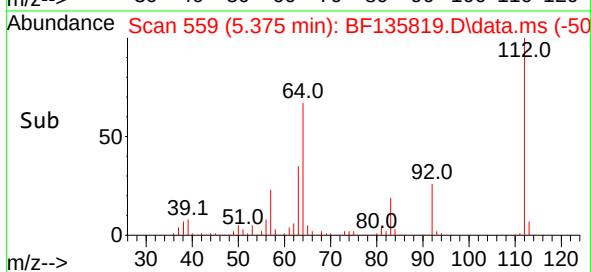
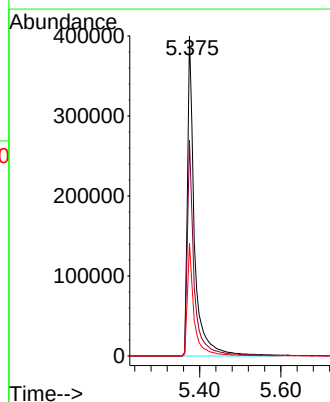
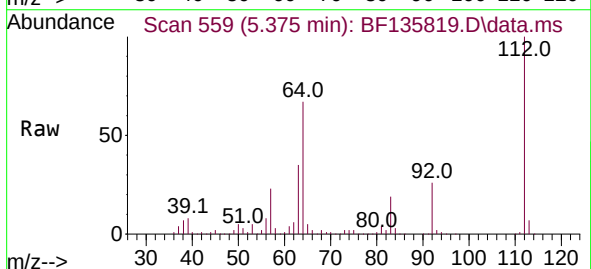
Instrument :
 BNA_F
 ClientSampleId :
 A-2

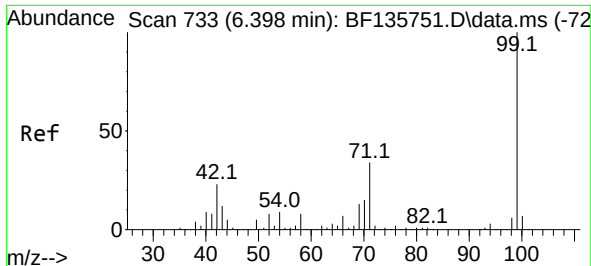
Tgt Ion:152 Resp: 85266
 Ion Ratio Lower Upper
 152 100
 150 148.2 124.5 186.7
 115 55.7 49.0 73.4



#5
 2-Fluorophenol
 Concen: 91.049 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135819.D
 Acq: 17 Oct 2023 18:57

Tgt Ion:112 Resp: 482871
 Ion Ratio Lower Upper
 112 100
 64 67.3 51.2 76.8
 63 35.2 26.1 39.1

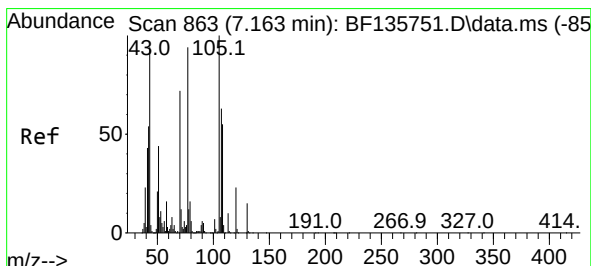
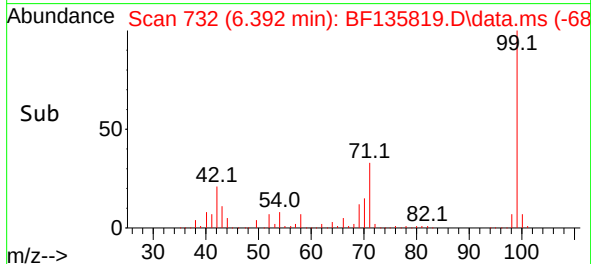
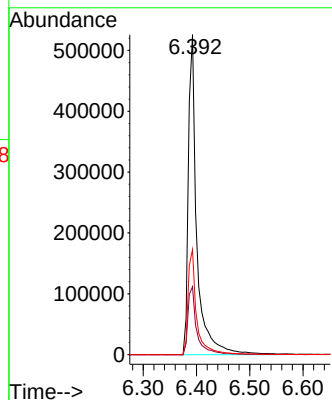
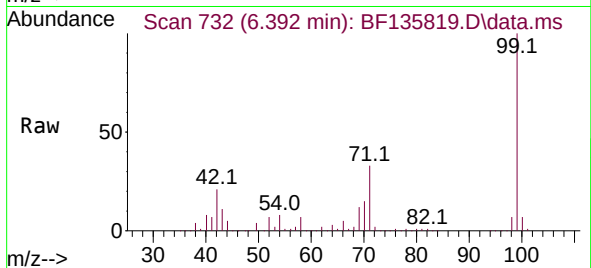




#7
Phenol-d6
Concen: 88.427 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

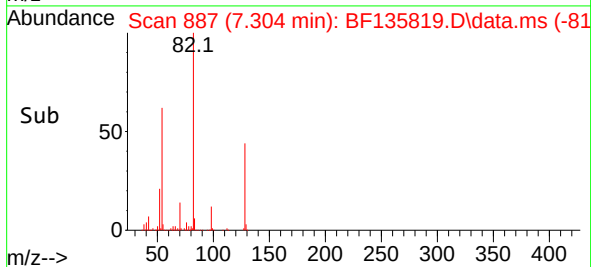
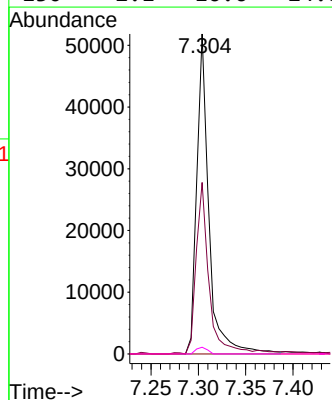
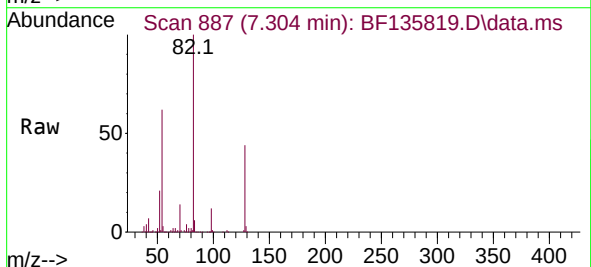
Instrument :
BNA_F
ClientSampleId :
A-2

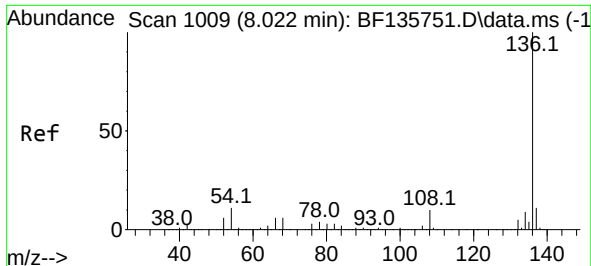
Tgt Ion: 99 Resp: 585140
Ion Ratio Lower Upper
99 100
42 21.3 18.4 27.6
71 32.9 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.342 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

Tgt Ion: 70 Resp: 46407
Ion Ratio Lower Upper
70 100
42 53.6 59.8 89.6#
101 0.0 7.4 11.2#
130 2.1 16.6 24.8#

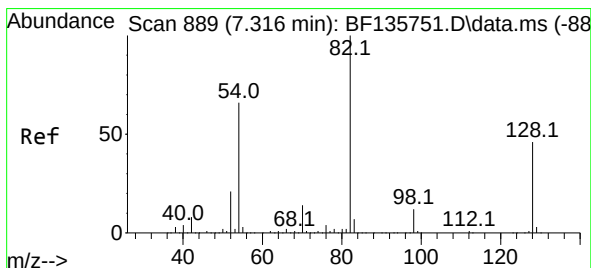
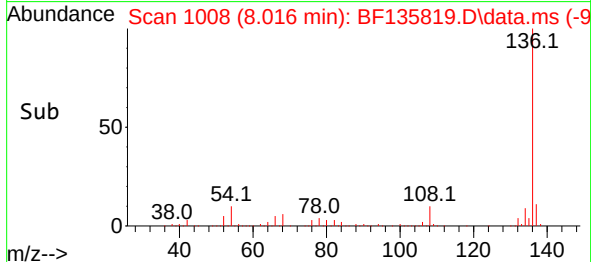
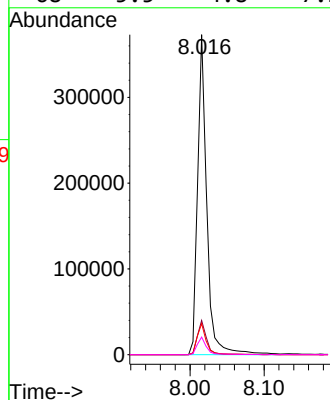
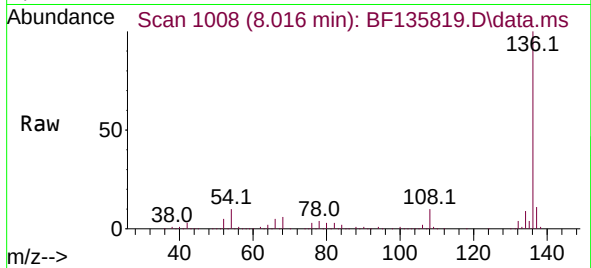




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

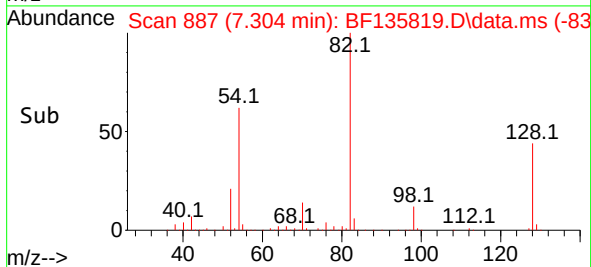
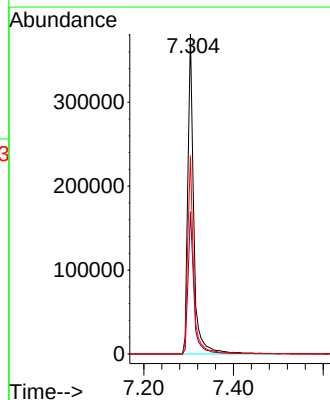
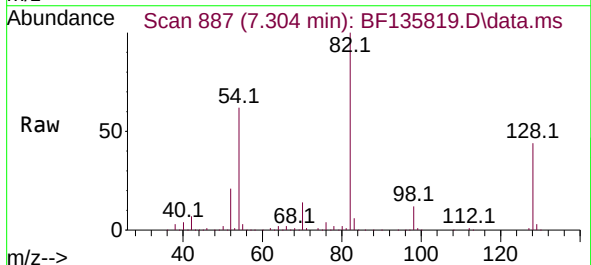
Instrument :
BNA_F
ClientSampleId :
A-2

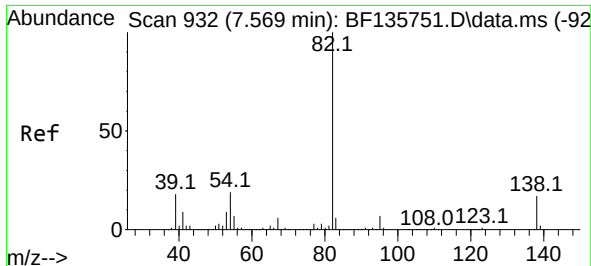
Tgt Ion:	136	Resp:	321422
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	9.7	8.5	12.7
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 59.944 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

Tgt Ion:	82	Resp:	350320
Ion Ratio	Lower	Upper	
82	100		
128	44.5	37.0	55.6
54	61.9	52.8	79.2

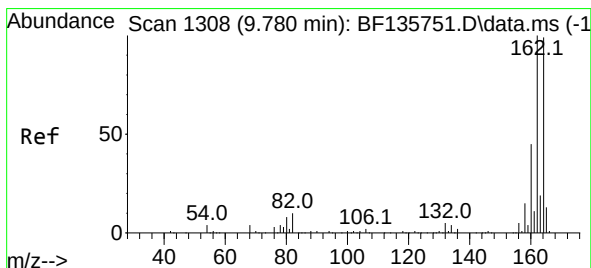
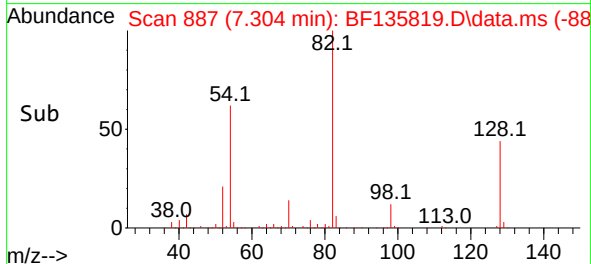
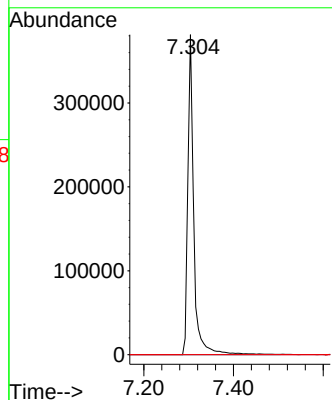
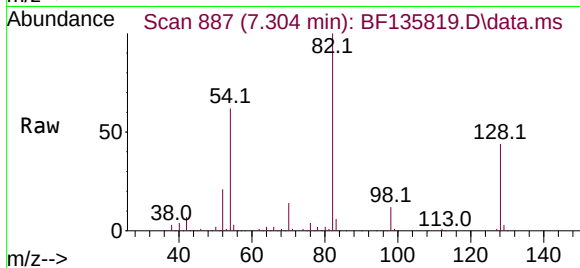




#25
Isophorone
Concen: 31.774 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

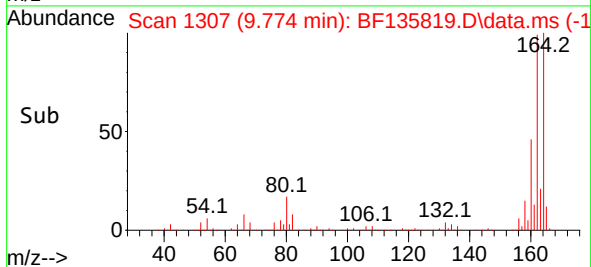
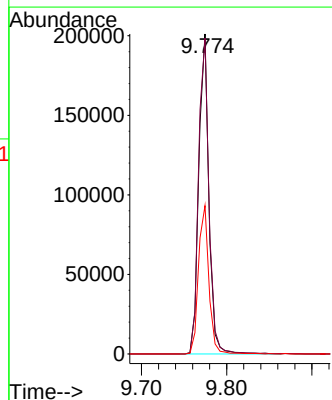
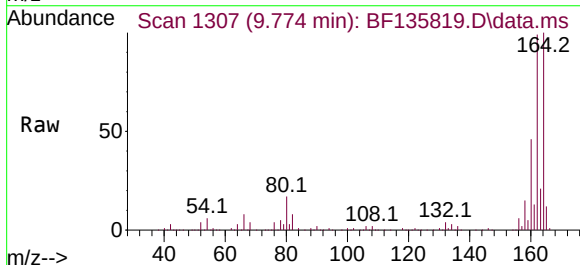
Instrument :
BNA_F
ClientSampleId :
A-2

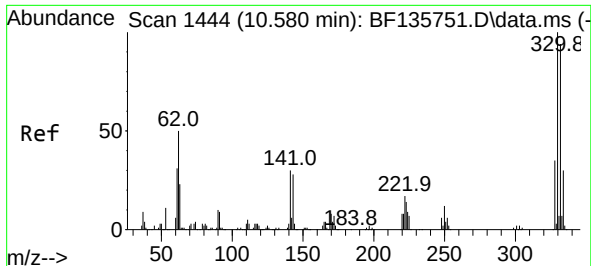
Tgt Ion: 82 Resp: 350320
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

Tgt Ion:164 Resp: 164961
Ion Ratio Lower Upper
164 100
162 98.7 80.8 121.2
160 46.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 98.168 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

Instrument :

BNA_F

ClientSampleId :

A-2

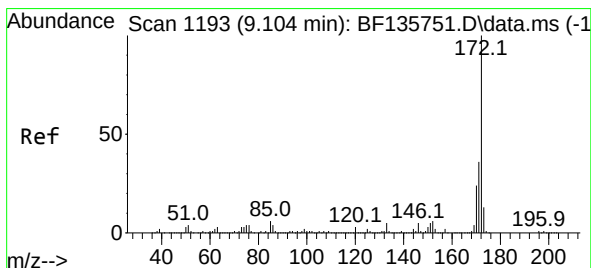
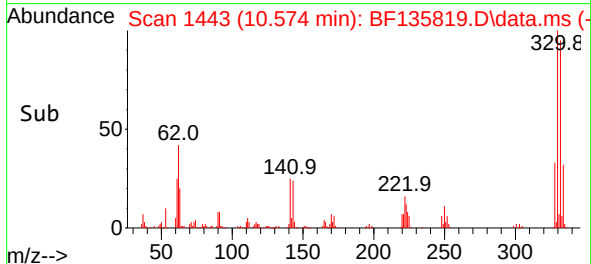
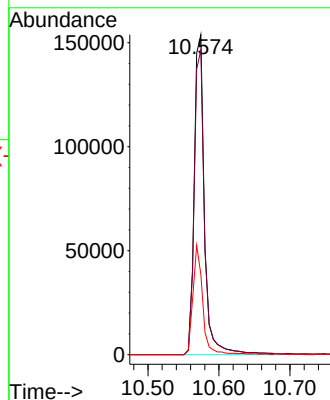
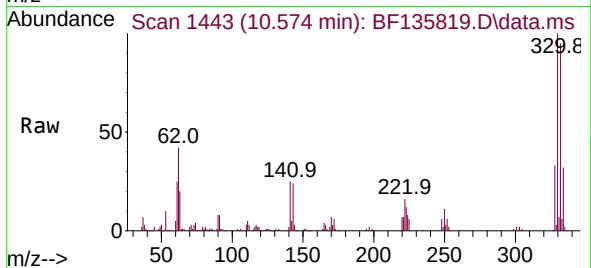
Tgt Ion:330 Resp: 155393

Ion Ratio Lower Upper

330 100

332 95.9 75.0 112.4

141 32.7 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 63.012 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

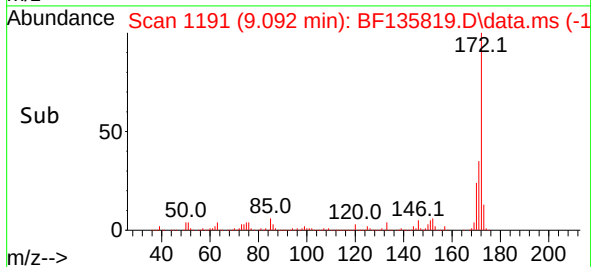
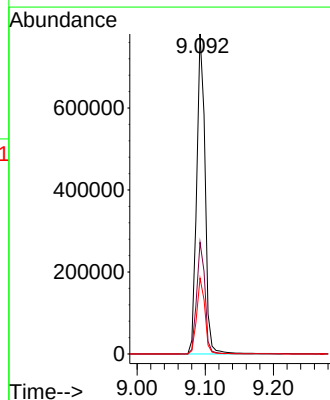
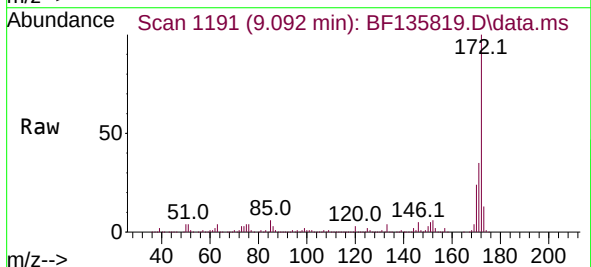
Tgt Ion:172 Resp: 664816

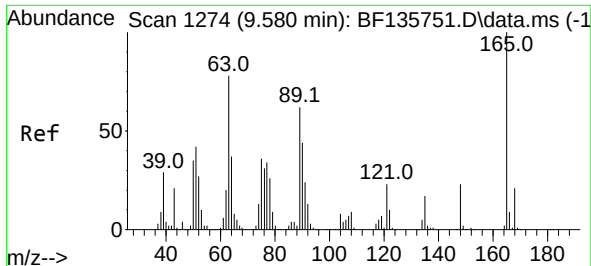
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.7 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.861 ng

RT: 9.774 min Scan# 11

Delta R.T. 0.188 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

Instrument :

BNA_F

ClientSampleId :

A-2

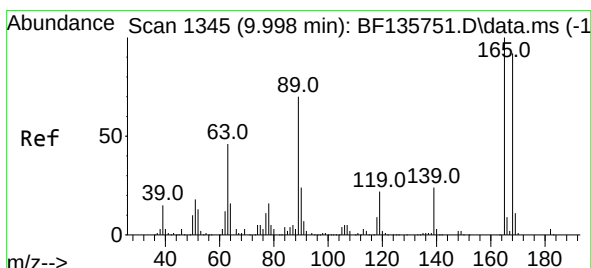
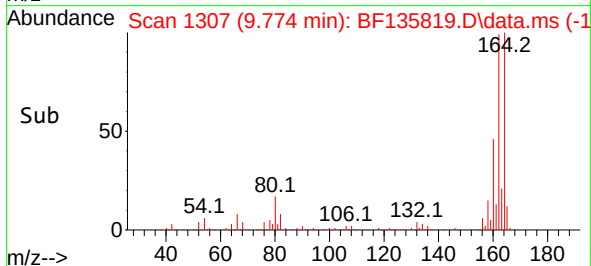
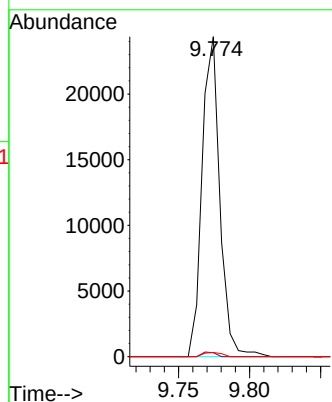
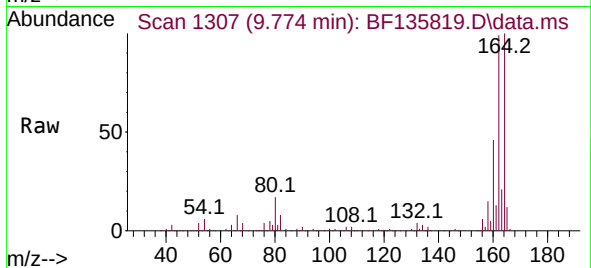
Tgt Ion:165 Resp: 21220

Ion Ratio Lower Upper

165 100

63 1.3 62.2 93.4#

89 1.3 49.6 74.4#



#57

2,4-Dinitrotoluene

Concen: 6.965 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.230 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

Tgt Ion:165 Resp: 21220

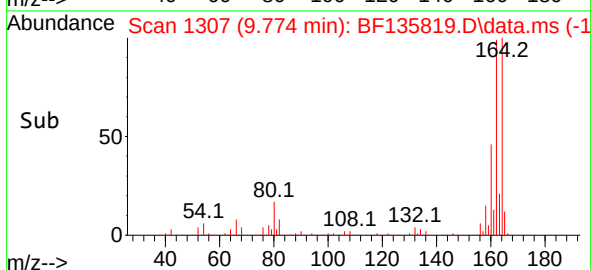
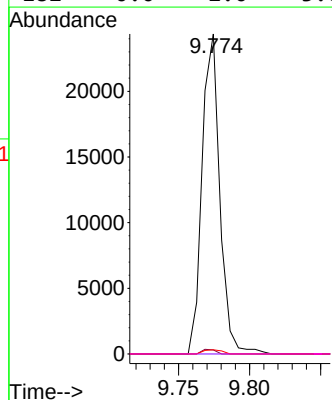
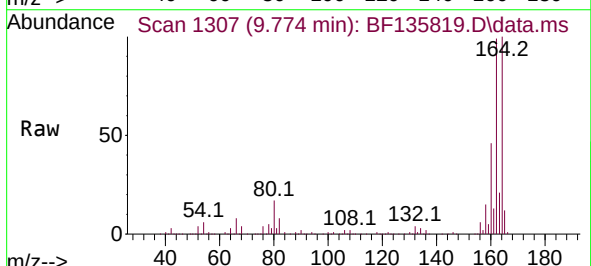
Ion Ratio Lower Upper

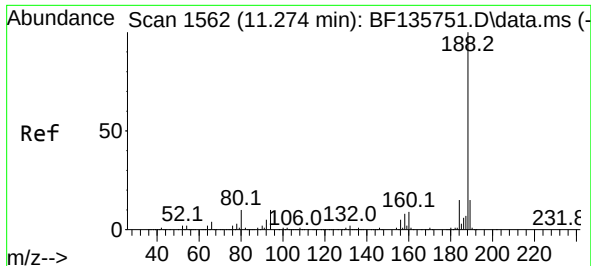
165 100

63 1.3 39.0 58.4#

89 1.3 55.9 83.9#

182 0.0 2.0 3.0#

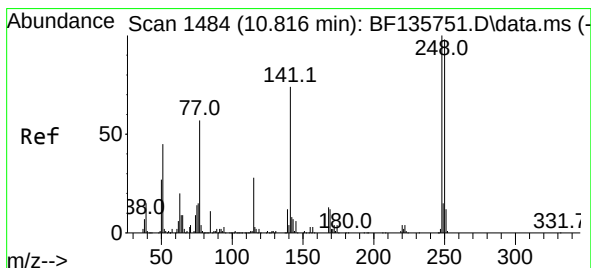
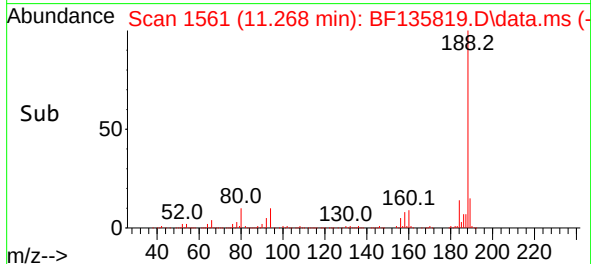
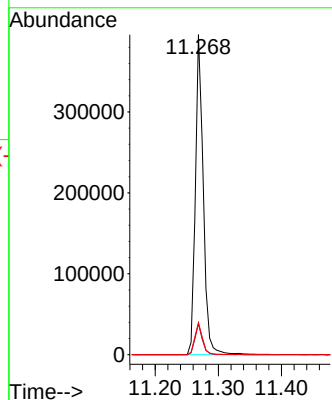
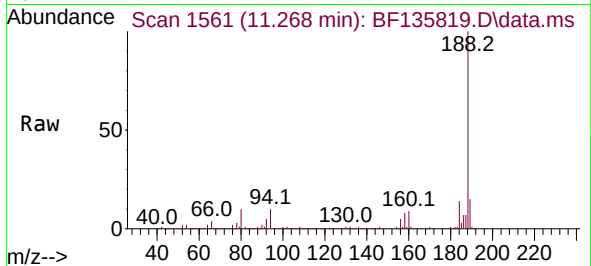




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.268 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

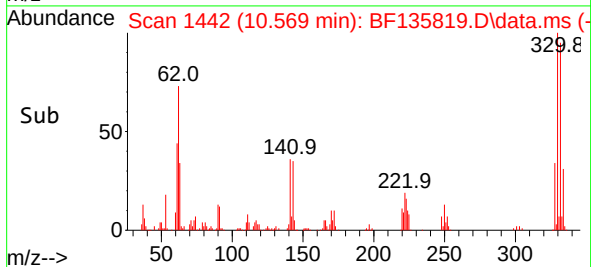
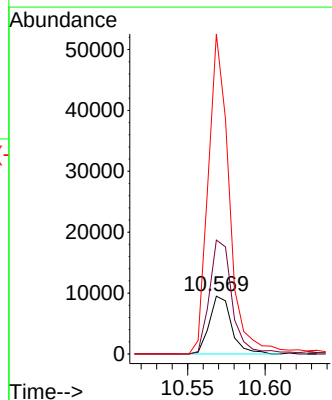
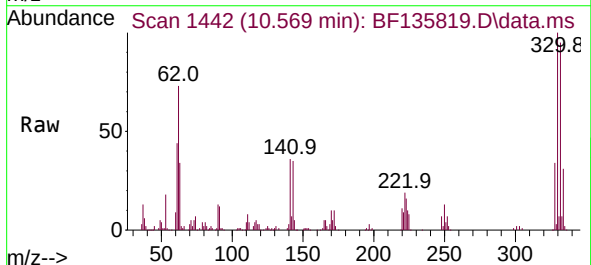
Instrument :
BNA_F
ClientSampleId :
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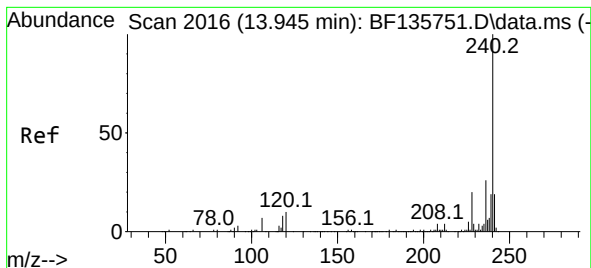
Tgt Ion:188 Resp: 344050
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 10.1 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 2.738 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.253 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

Tgt Ion:248 Resp: 9455
Ion Ratio Lower Upper
248 100
250 197.2 78.0 117.0#
141 554.0 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

Instrument :

BNA_F

ClientSampleId :

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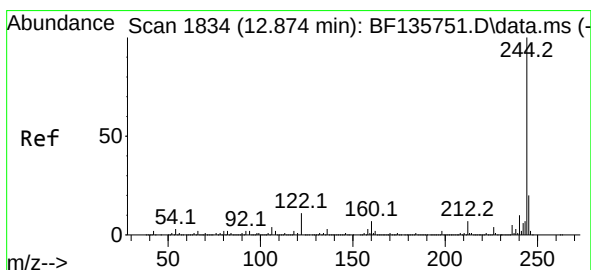
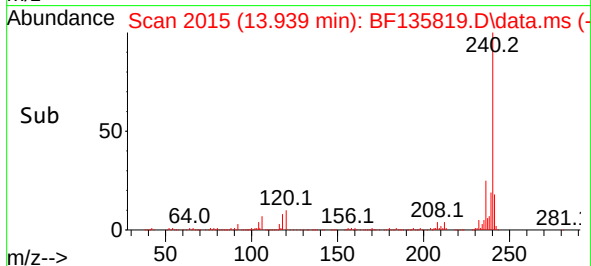
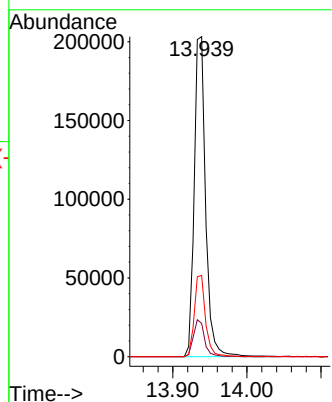
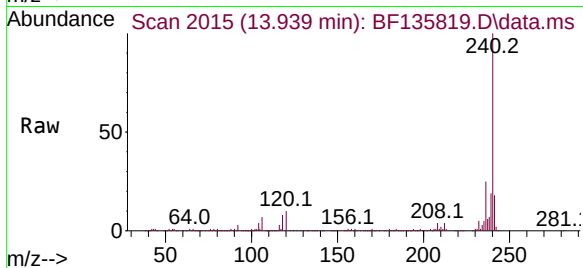
Tgt Ion:240 Resp: 217387

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

236 25.4 21.2 31.8



#79

Terphenyl-d14

Concen: 65.878 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.018 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

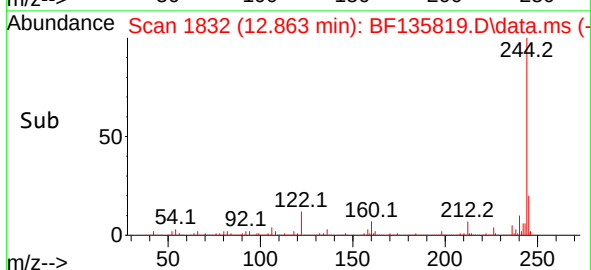
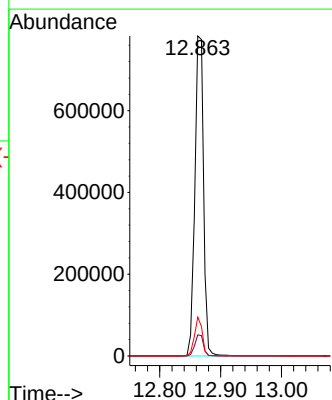
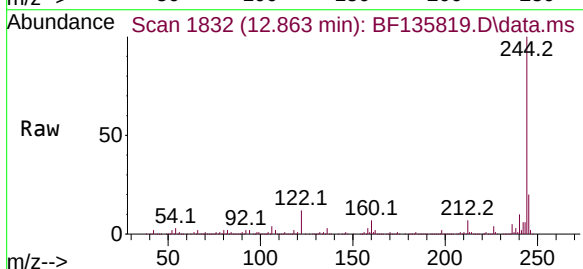
Tgt Ion:244 Resp: 773307

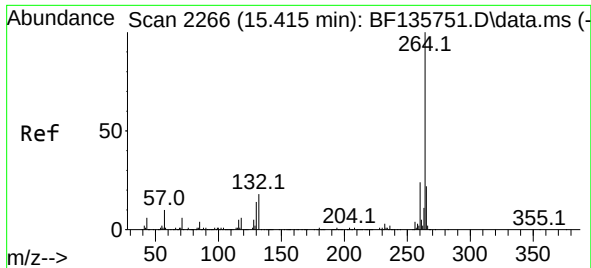
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 12.2 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

Instrument :
BNA_F
ClientSampleId :
A-2

Tgt Ion:264 Resp: 192856
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.0 17.4 26.2

