

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133300.D
 Acq On : 08 May 2023 18:02
 Operator : CG\JU
 Sample : 02659-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STEPS

Quant Time: May 09 05:07:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

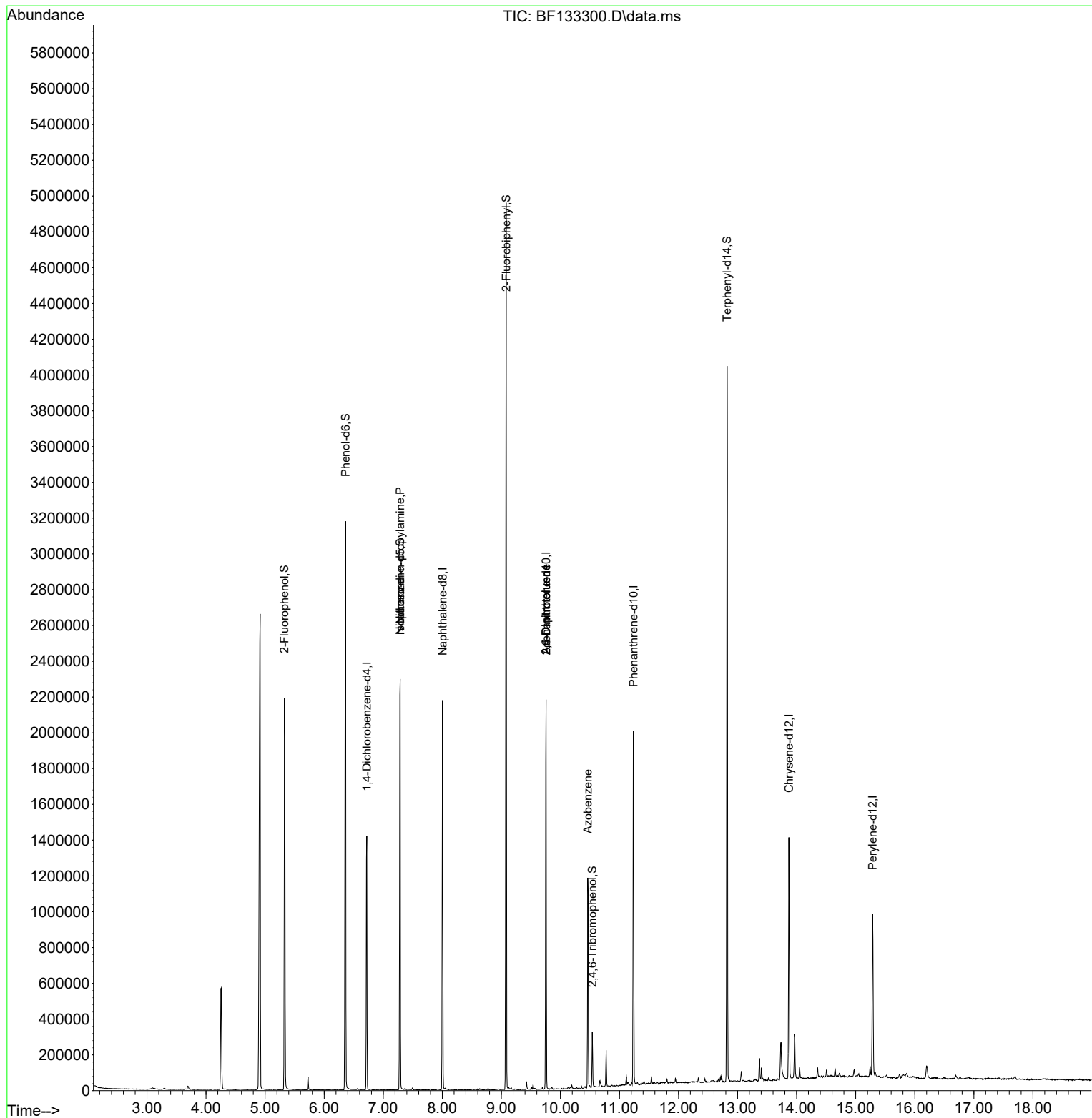
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	206622	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	824777	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	423476	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	742543	20.000	ng	# 0.00
76) Chrysene-d12	13.869	240	406619	20.000	ng	-0.01
86) Perylene-d12	15.286	264	378509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	625349	45.719	ng	0.00
7) Phenol-d6	6.363	99	1108165	65.273	ng	0.00
23) Nitrobenzene-d5	7.287	82	713666	46.705	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	31679	7.438	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1337202	52.828	ng	0.00
79) Terphenyl-d14	12.822	244	1399054	59.341	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.263	77	231	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.287	70	93989	8.893	ng	# 78
25) Isophorone	7.287	82	713659	24.599	ng	# 63
51) 2,6-Dinitrotoluene	9.757	165	54395	8.185	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	54395	6.418	ng	# 23
63) Azobenzene	10.463	77	198498	6.718	ng	# 1

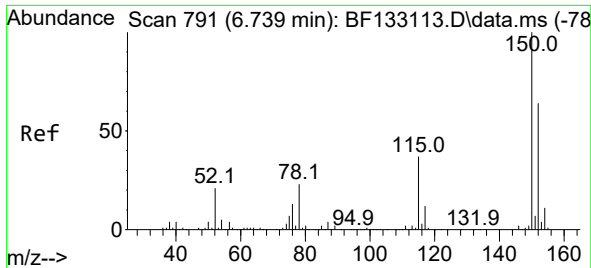
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
Data File : BF133300.D
Acq On : 08 May 2023 18:02
Operator : CG\JU
Sample : 02659-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STEPS

Quant Time: May 09 05:07:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

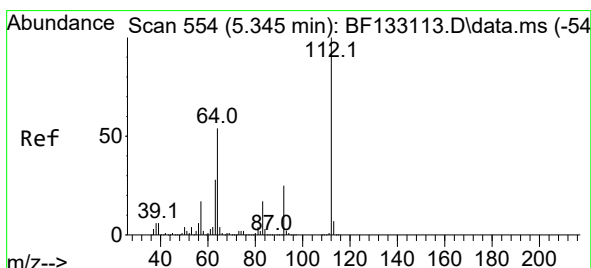
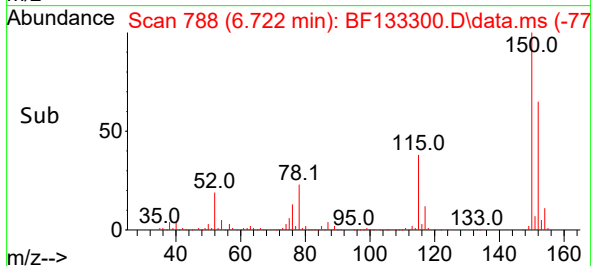
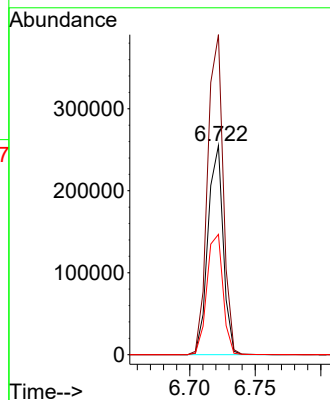
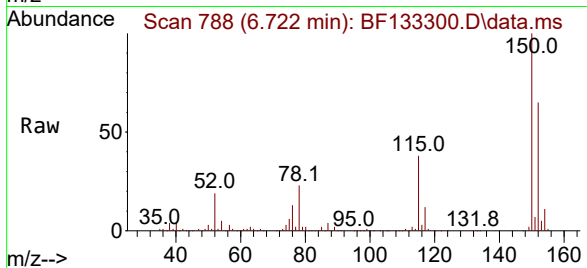




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

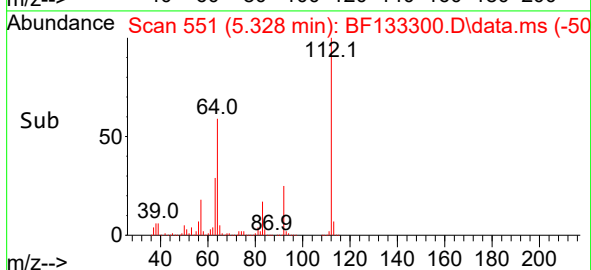
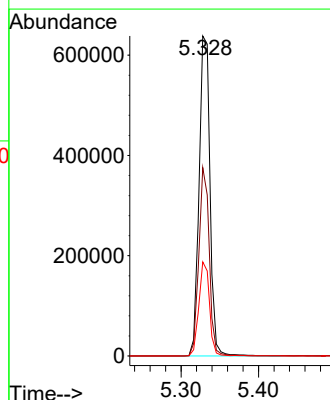
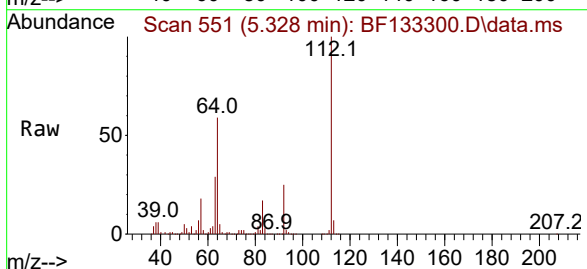
Instrument :
BNA_F
ClientSampleId :
STEPS

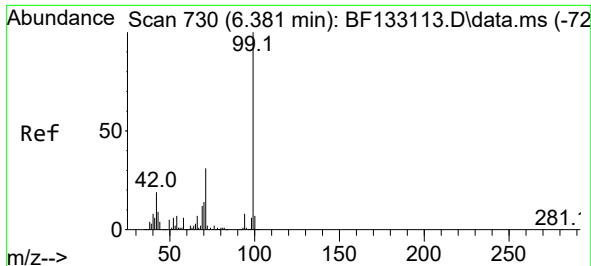
Tgt Ion:152 Resp: 206622
Ion Ratio Lower Upper
152 100
150 153.0 124.8 187.2
115 57.5 49.9 74.9



#5
2-Fluorophenol
Concen: 45.719 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

Tgt Ion:112 Resp: 625349
Ion Ratio Lower Upper
112 100
64 58.9 46.8 70.2
63 29.4 23.8 35.8

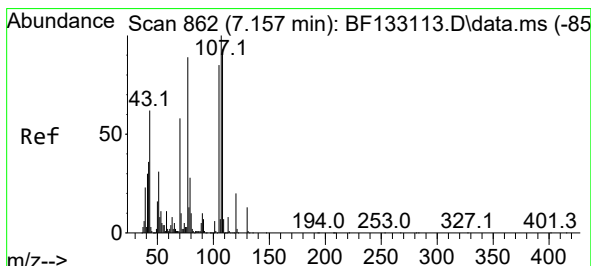
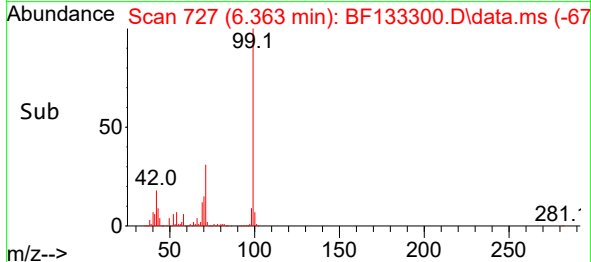
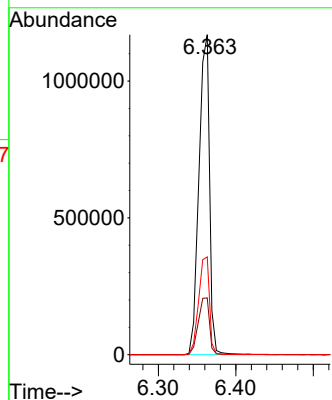
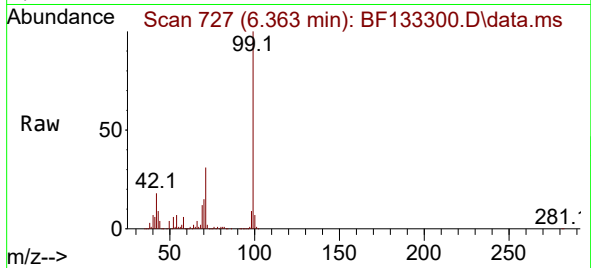




#7
Phenol-d6
Concen: 65.273 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

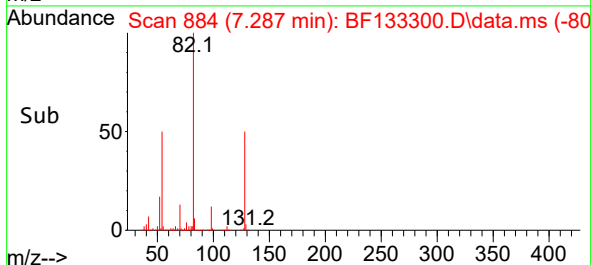
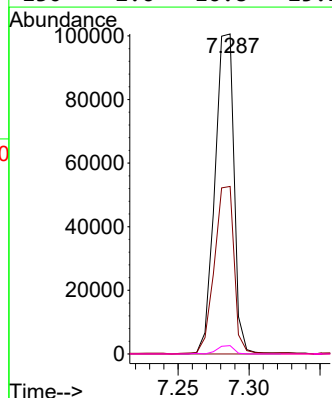
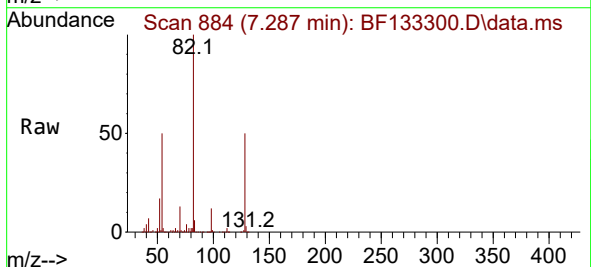
Instrument :
BNA_F
ClientSampleId :
STEPS

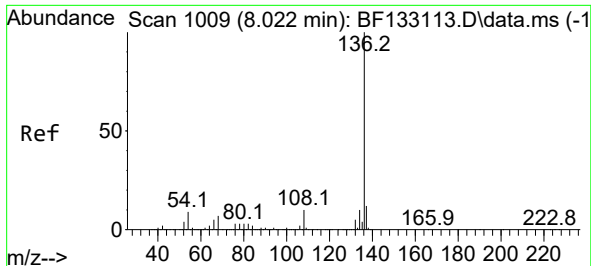
Tgt Ion: 99 Resp: 1108165
Ion Ratio Lower Upper
99 100
42 17.7 16.3 24.5
71 30.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.893 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

Tgt Ion: 70 Resp: 93989
Ion Ratio Lower Upper
70 100
42 52.3 51.8 77.6
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#

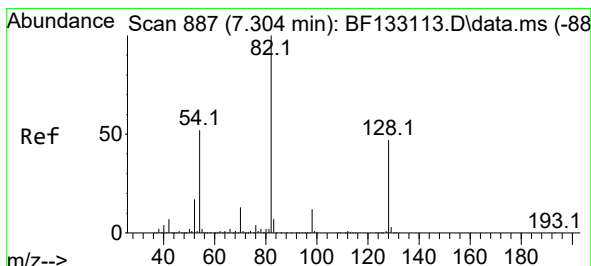
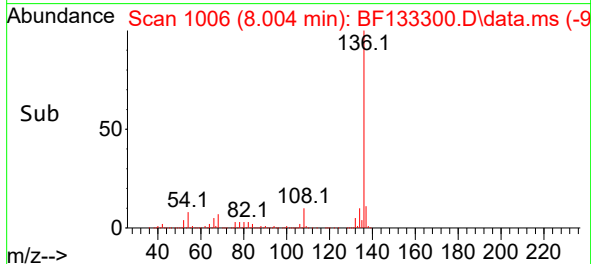
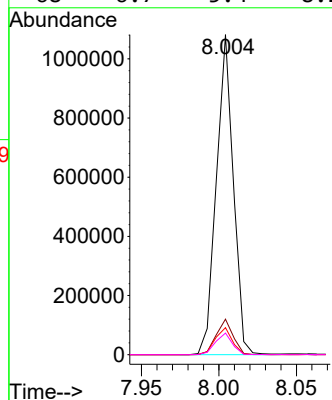
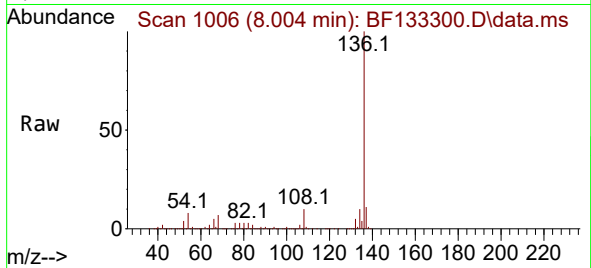




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

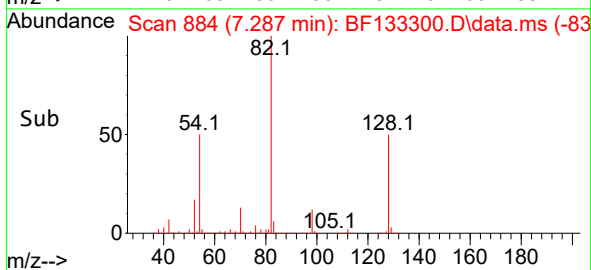
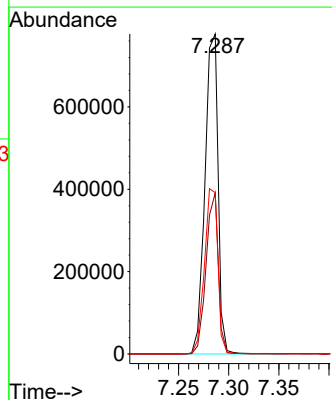
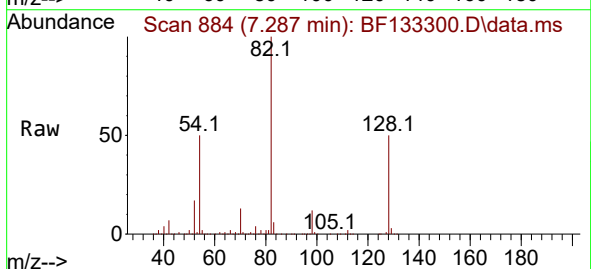
Instrument :
BNA_F
ClientSampleId :
STEPS

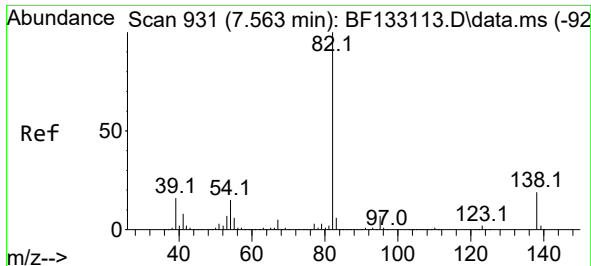
Tgt Ion:136 Resp: 824777
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.4 7.0 10.4
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 46.705 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

Tgt Ion: 82 Resp: 713666
Ion Ratio Lower Upper
82 100
128 50.3 37.7 56.5
54 50.4 43.0 64.4

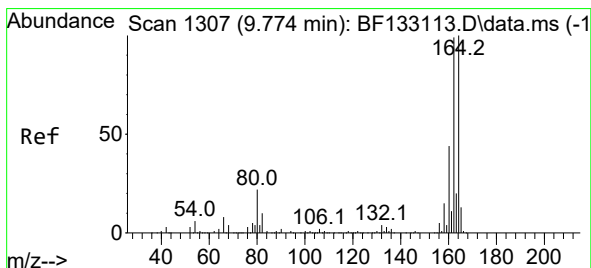
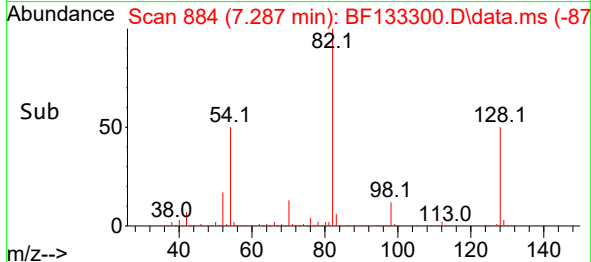
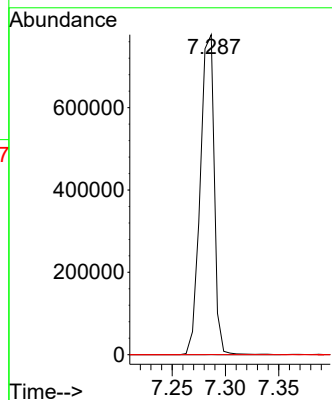
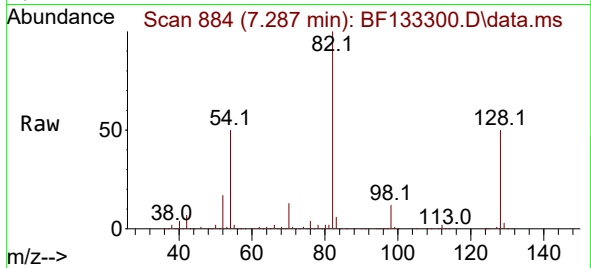




#25
Isophorone
Concen: 24.599 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

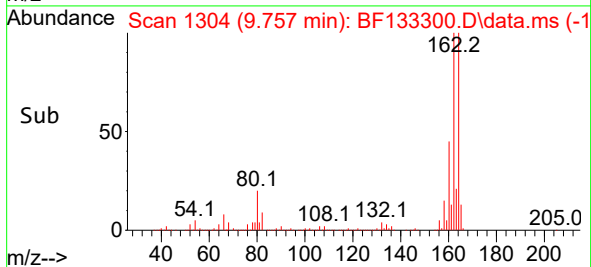
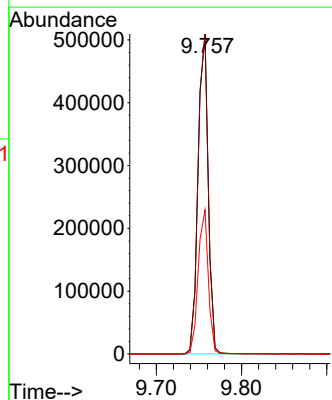
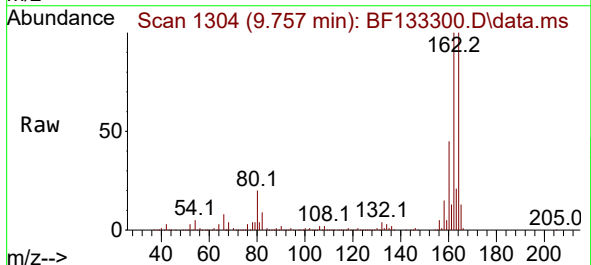
Instrument :
BNA_F
ClientSampleId :
STEPS

Tgt Ion: 82 Resp: 713659
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

Tgt Ion:164 Resp: 423476
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 45.0 35.8 53.6

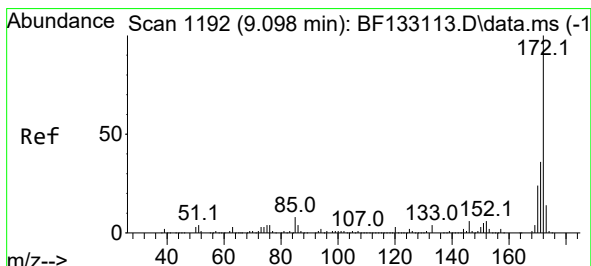
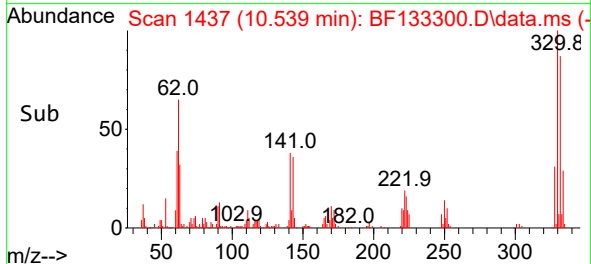
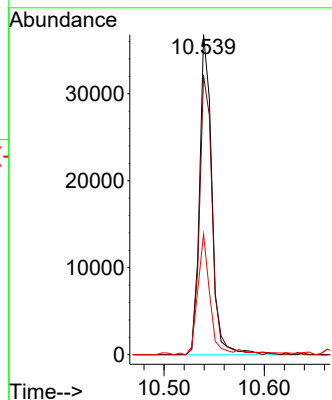
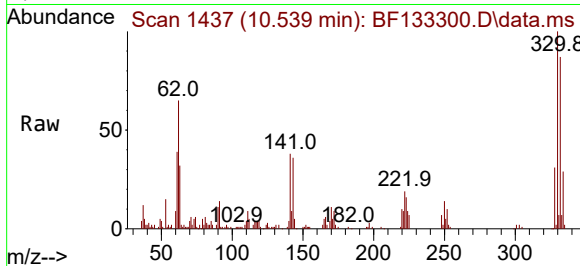




#42
2,4,6-Tribromophenol
Concen: 7.438 ng
RT: 10.539 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

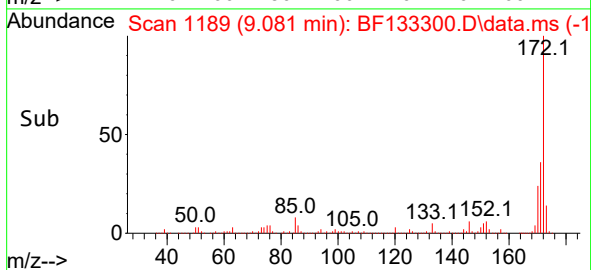
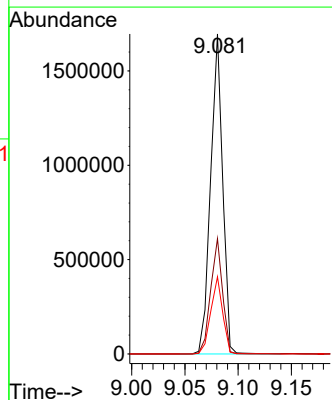
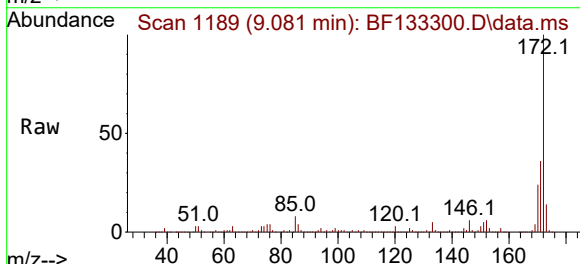
Instrument :
BNA_F
ClientSampleId :
STEPS

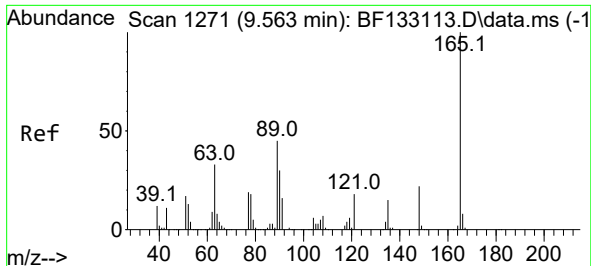
Tgt Ion: 330 Resp: 31679
Ion Ratio Lower Upper
330 100
332 90.7 77.1 115.7
141 36.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 52.828 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

Tgt Ion: 172 Resp: 1337202
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.4 29.2

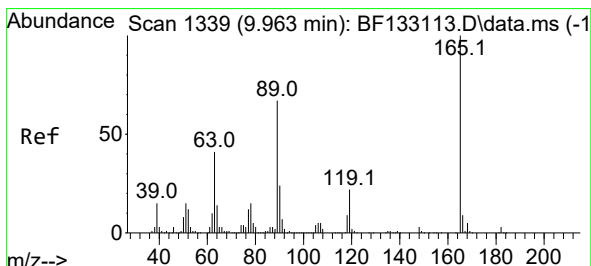
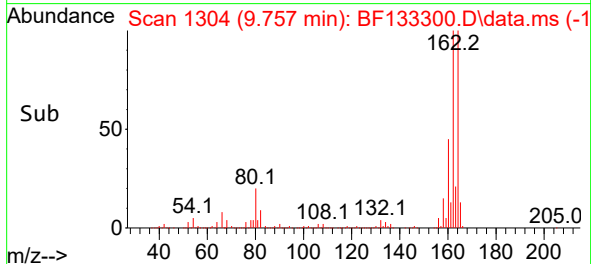
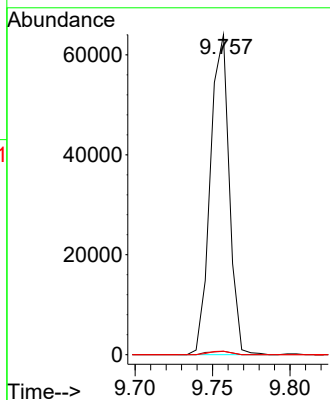
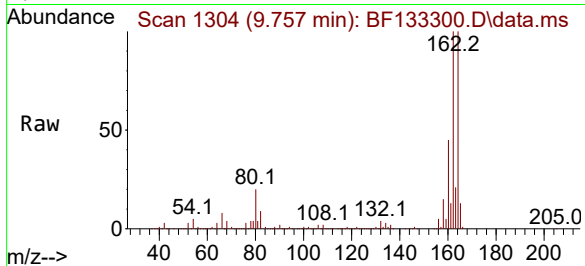




#51
2,6-Dinitrotoluene
Concen: 8.185 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

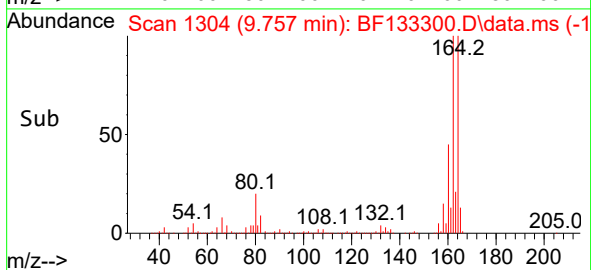
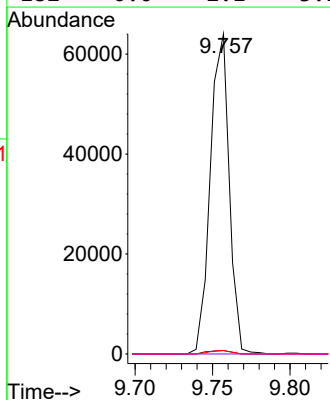
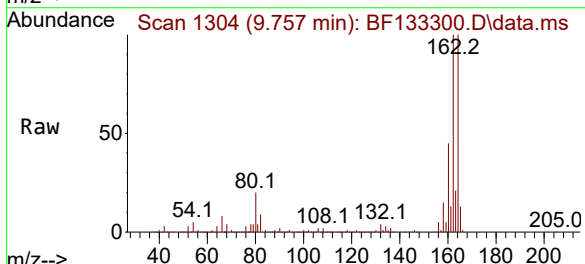
Instrument :
BNA_F
ClientSampleId :
STEPS

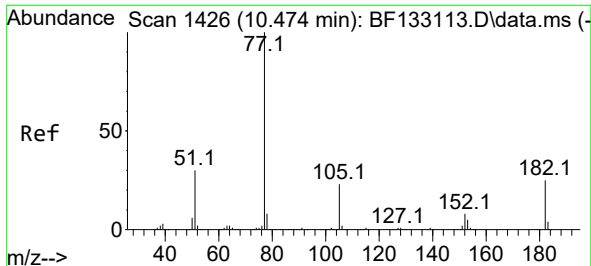
Tgt Ion:165 Resp: 54395
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.1 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.418 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

Tgt Ion:165 Resp: 54395
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#

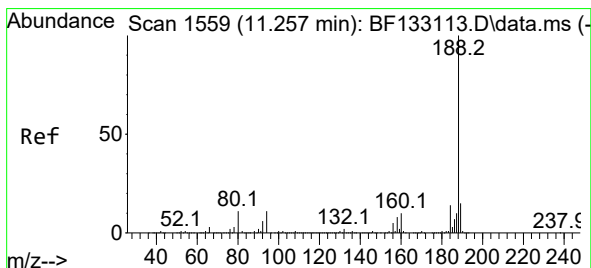
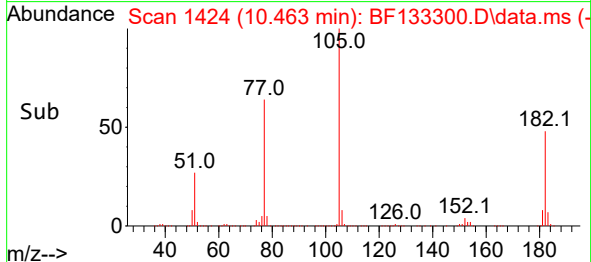
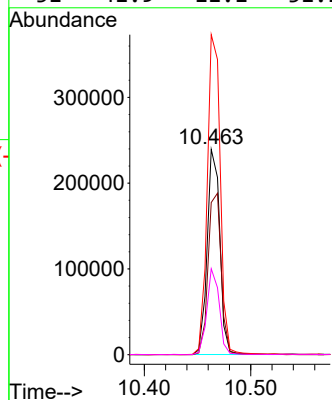
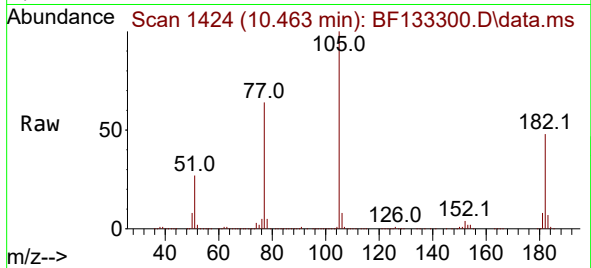




#63
Azobenzene
Concen: 6.718 ng
RT: 10.463 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

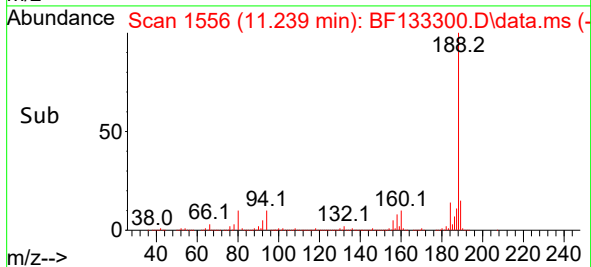
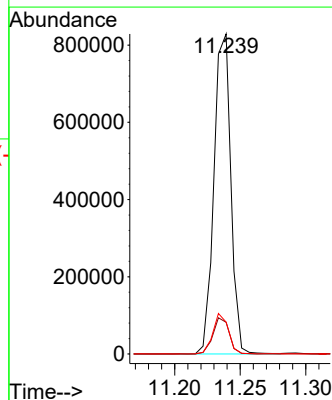
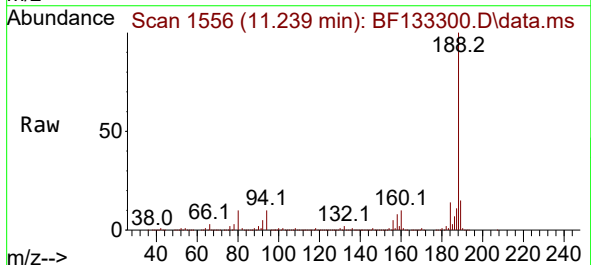
Instrument :
BNA_F
ClientSampleId :
STEPS

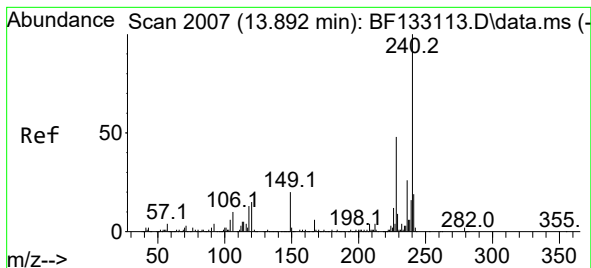
Tgt Ion: 77 Resp: 198498
Ion Ratio Lower Upper
77 100
182 74.1 5.9 45.9#
105 155.9 2.3 42.3#
51 41.9 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

Tgt Ion:188 Resp: 742543
Ion Ratio Lower Upper
188 100
94 9.9 9.7 14.5
80 10.0 10.4 15.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.869 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF133300.D

Acq: 08 May 2023 18:02

Instrument :

BNA_F

ClientSampleId :

STEPS

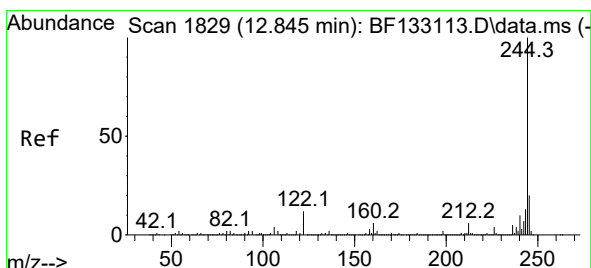
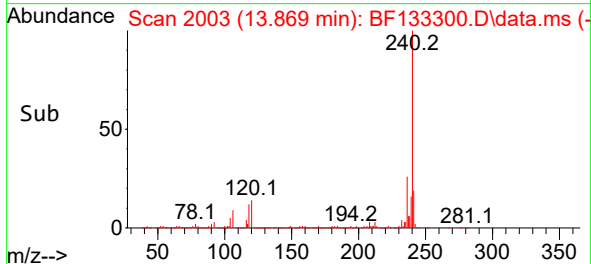
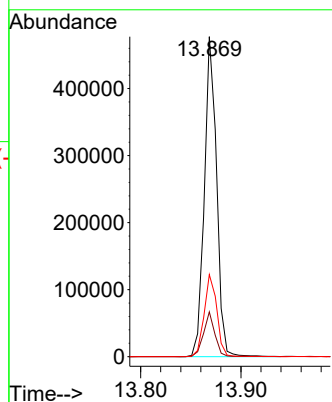
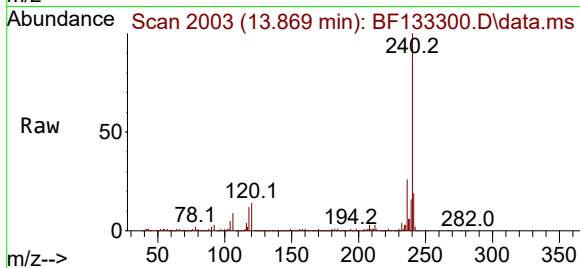
Tgt Ion:240 Resp: 406619

Ion Ratio Lower Upper

240 100

120 14.0 10.5 15.7

236 25.7 21.5 32.3



#79

Terphenyl-d14

Concen: 59.341 ng

RT: 12.822 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF133300.D

Acq: 08 May 2023 18:02

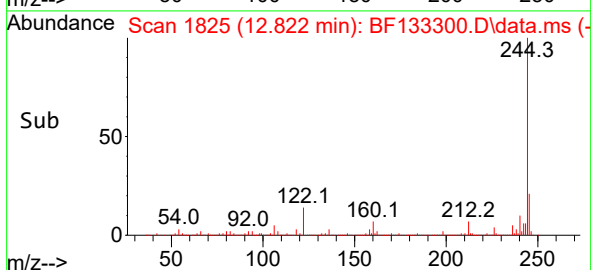
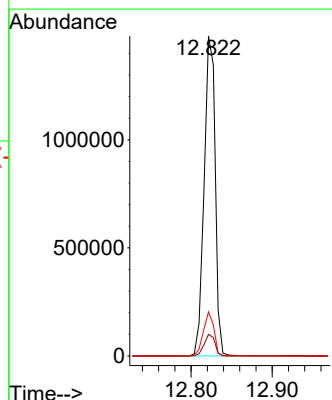
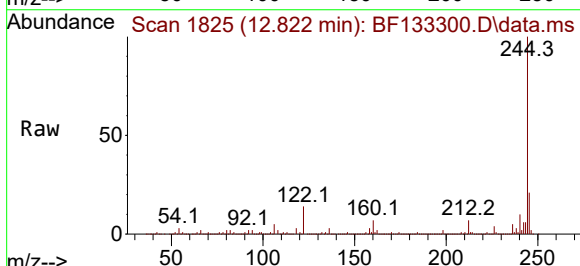
Tgt Ion:244 Resp: 1399054

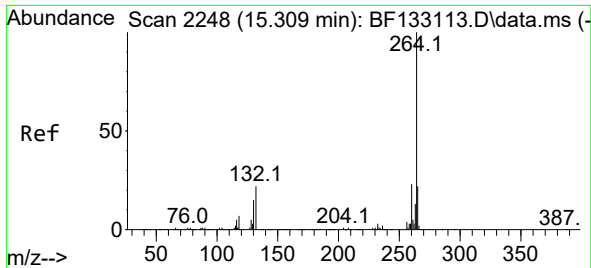
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

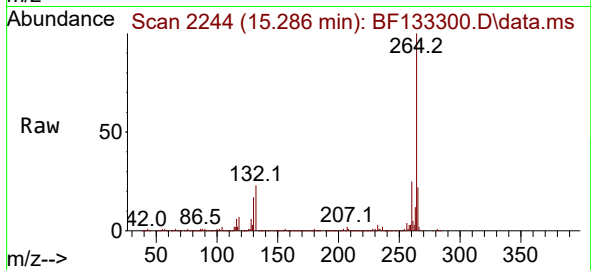
122 13.8 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133300.D
Acq: 08 May 2023 18:02

Instrument :
BNA_F
ClientSampleId :
STEPS



Tgt Ion:264 Resp: 378509
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 21.8 17.0 25.4

