

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133343.D
 Acq On : 10 May 2023 21:42
 Operator : CG\JU
 Sample : 02719-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02_10-12_20230509

Quant Time: May 11 03:43:30 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)

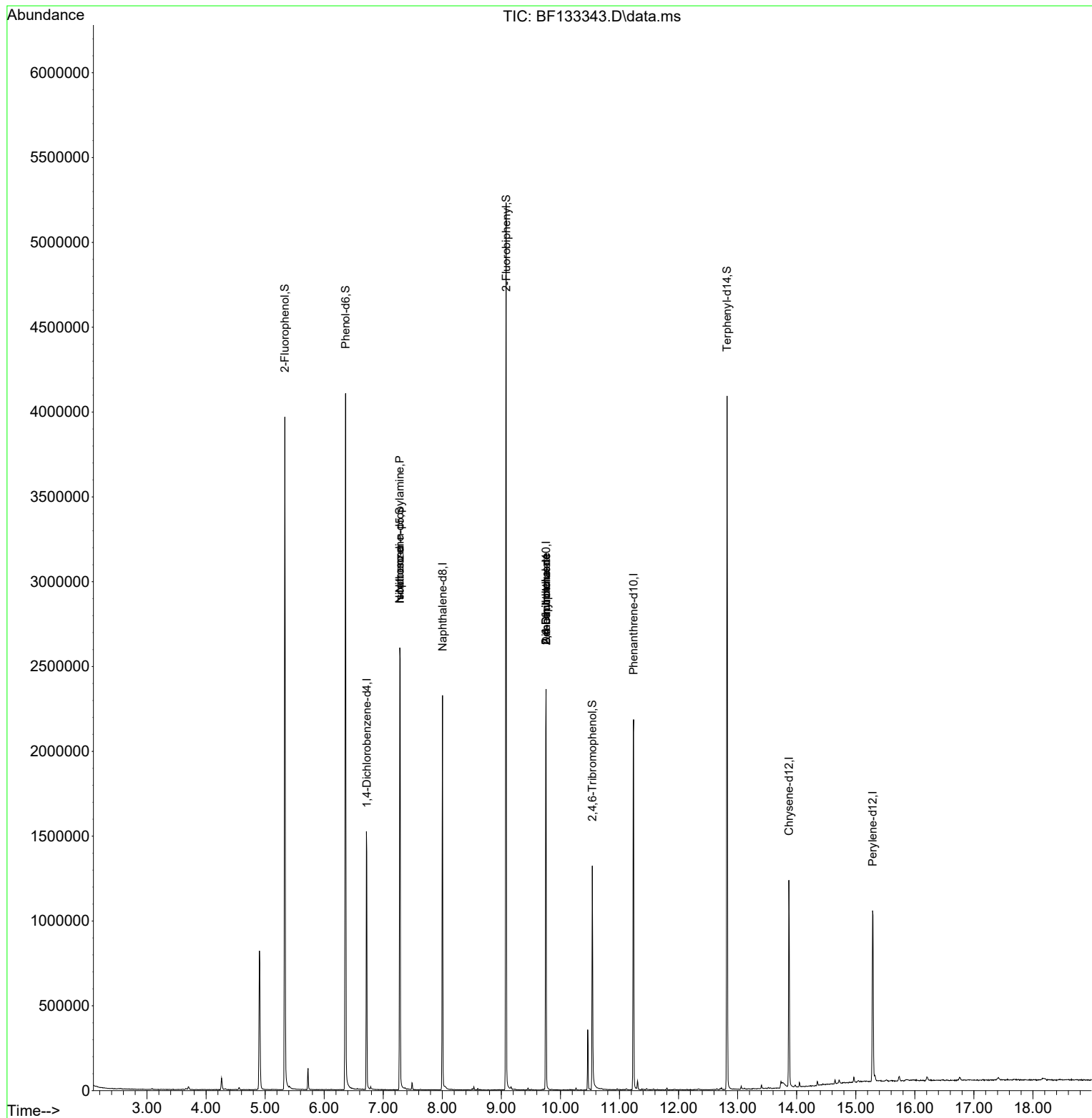
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	228127	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	928401	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	487549	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	840966	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	404663	20.000	ng	-0.01
86) Perylene-d12	15.286	264	462823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1154961	76.479	ng	0.00
7) Phenol-d6	6.363	99	1383278	73.797	ng	0.00
23) Nitrobenzene-d5	7.281	82	870239	50.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.539	330	152049	31.010	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1510526	51.833	ng	0.00
79) Terphenyl-d14	12.822	244	1429119	60.909	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.240	77	96	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.281	70	112486	9.639	ng	# 78
25) Isophorone	7.281	82	870234	26.648	ng	# 63
50) Dimethylphthalate	9.757	163	99019	2.913	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	63878	8.348	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	63878	6.546	ng	# 24

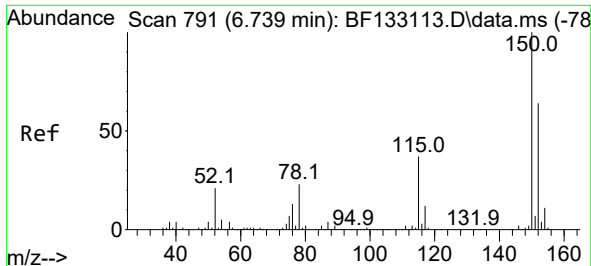
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133343.D
Acq On : 10 May 2023 21:42
Operator : CG\JU
Sample : 02719-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02_10-12_20230509

Quant Time: May 11 03:43:30 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

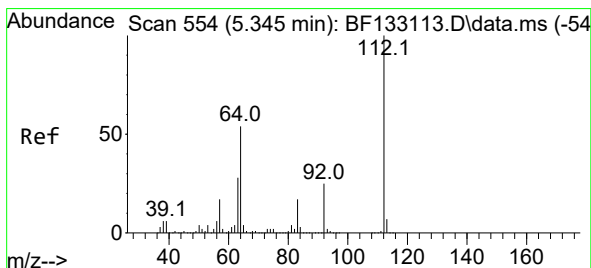
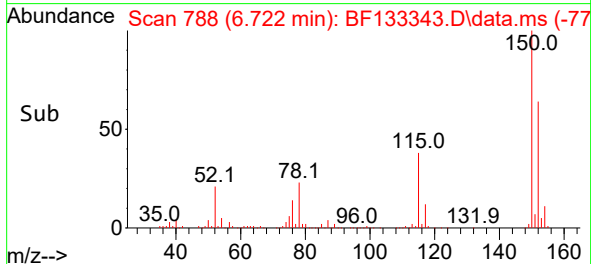
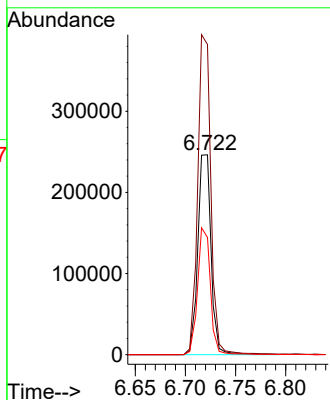
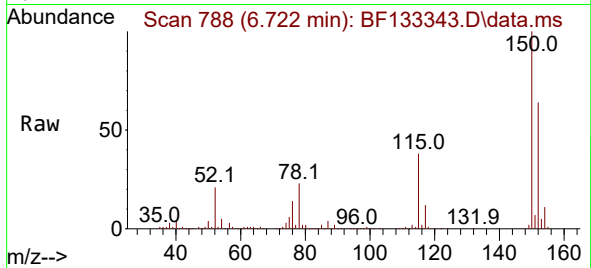




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

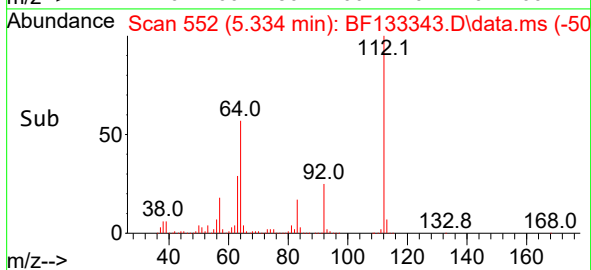
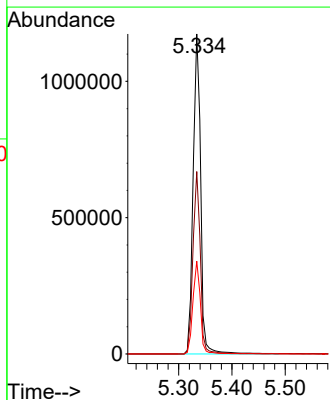
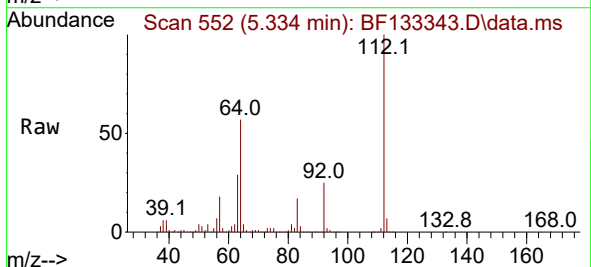
Instrument :
BNA_F
ClientSampleId :
SB-02_10-12_20230509

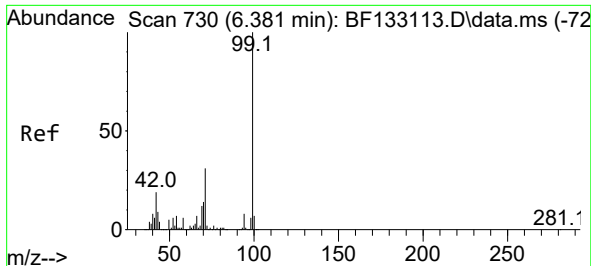
Tgt Ion:152 Resp: 228127
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 58.7 49.9 74.9



#5
2-Fluorophenol
Concen: 76.479 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

Tgt Ion:112 Resp: 1154961
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.0 23.8 35.8

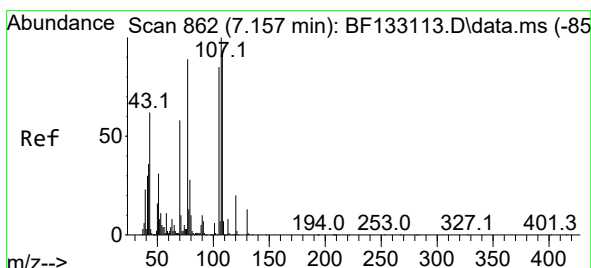
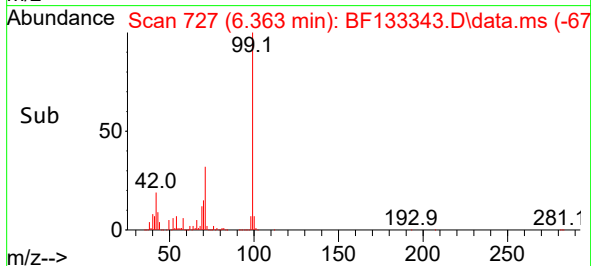
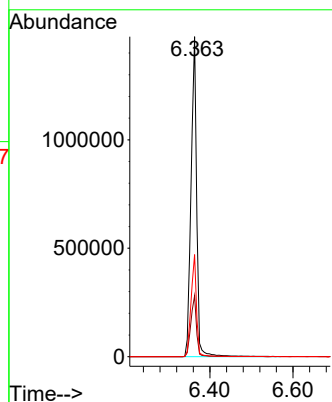
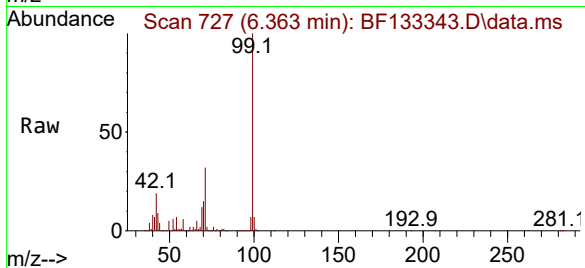




#7
Phenol-d6
Concen: 73.797 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

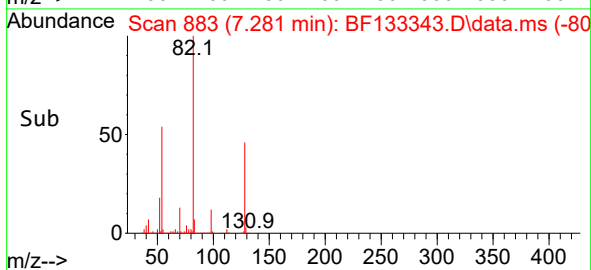
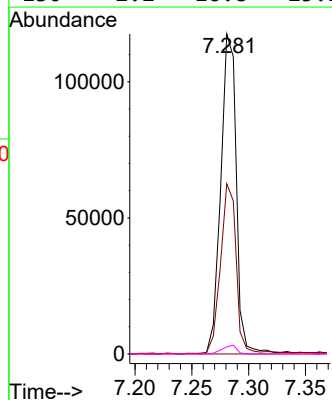
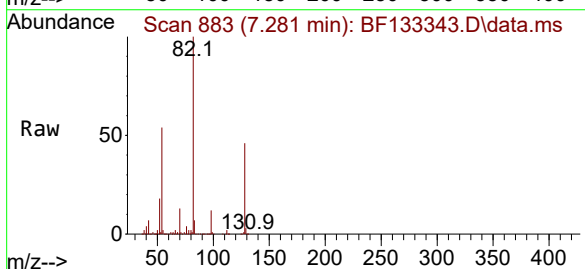
Instrument :
BNA_F
ClientSampleId :
SB-02_10-12_20230509

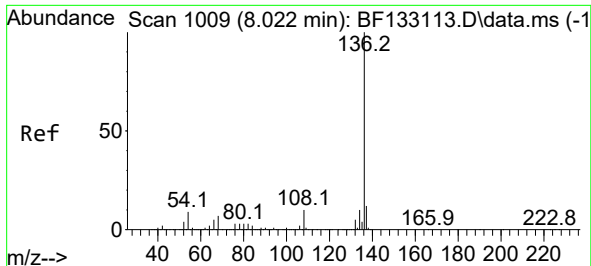
Tgt Ion: 99 Resp: 1383278
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.639 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.135 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

Tgt Ion: 70 Resp: 112486
Ion Ratio Lower Upper
70 100
42 53.2 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

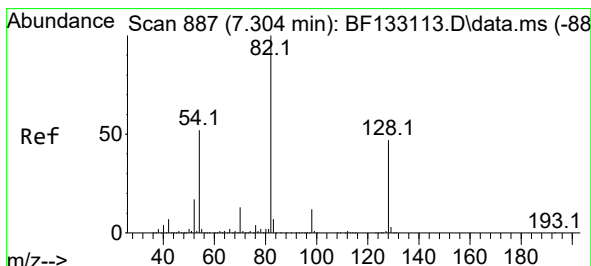
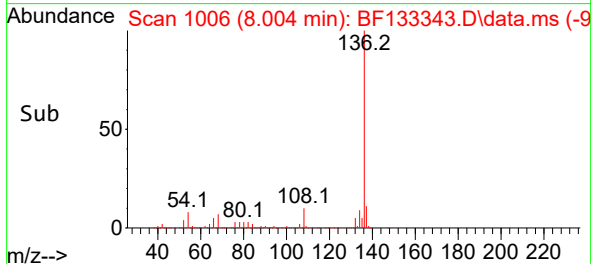
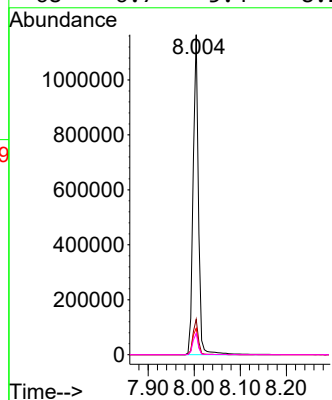
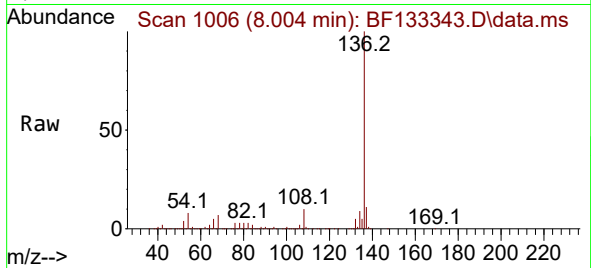




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

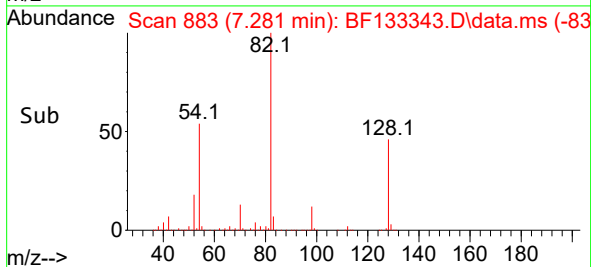
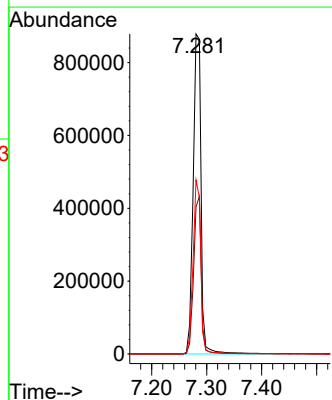
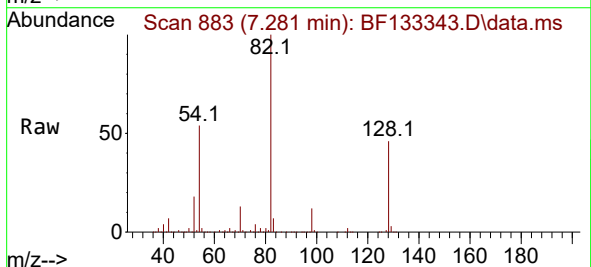
Instrument :
BNA_F
ClientSampleId :
SB-02_10-12_20230509

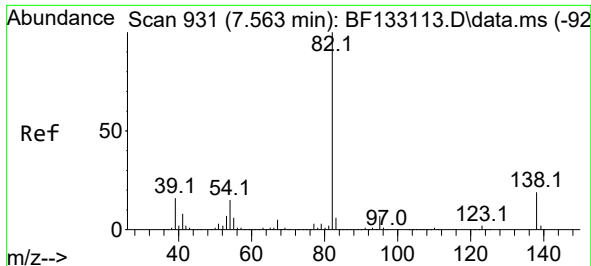
Tgt Ion:136 Resp: 928401
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 7.0 10.4
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 50.595 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

Tgt Ion: 82 Resp: 870239
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 54.3 43.0 64.4

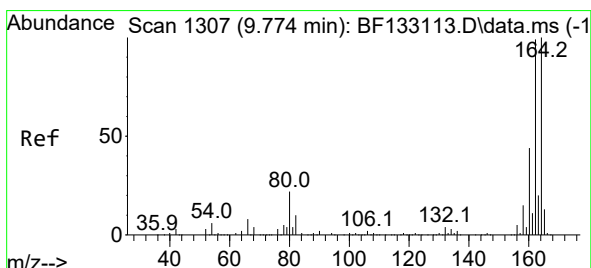
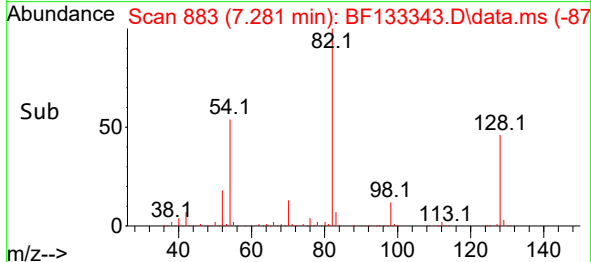
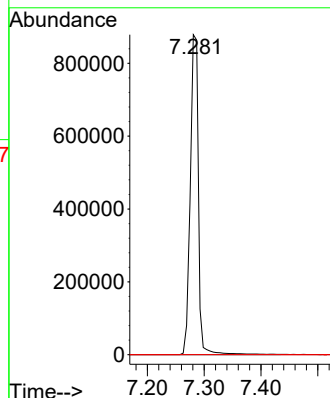
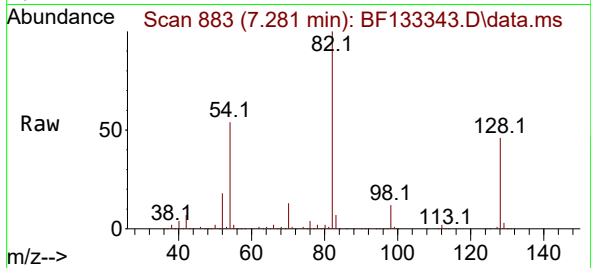




#25
Isophorone
Concen: 26.648 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

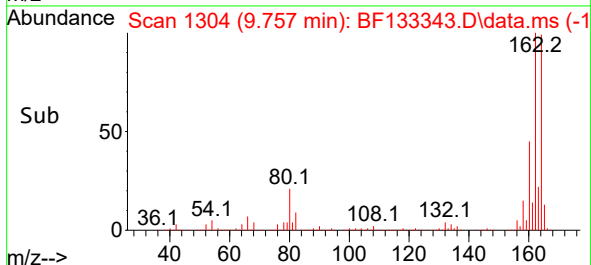
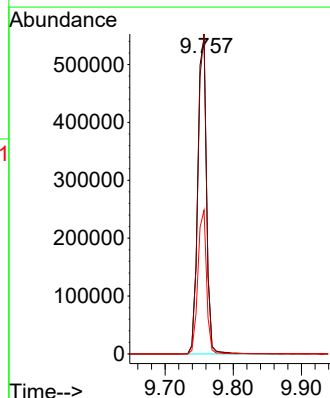
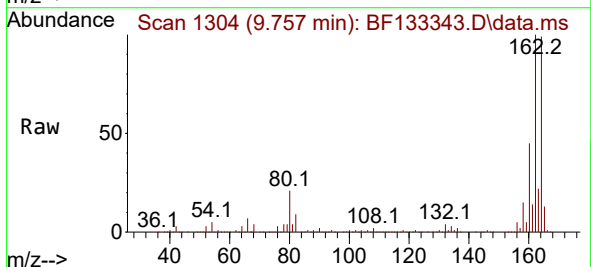
Instrument :
BNA_F
ClientSampleId :
SB-02_10-12_20230509

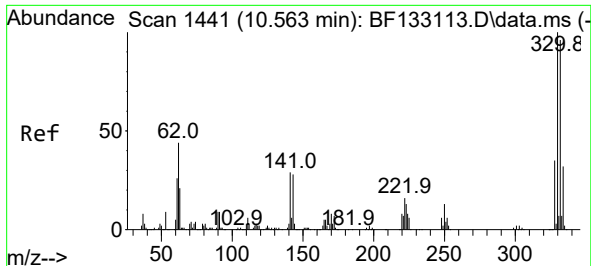
Tgt Ion: 82 Resp: 870234
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

Tgt Ion: 164 Resp: 487549
Ion Ratio Lower Upper
164 100
162 101.4 78.7 118.1
160 45.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 31.010 ng

RT: 10.539 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF133343.D

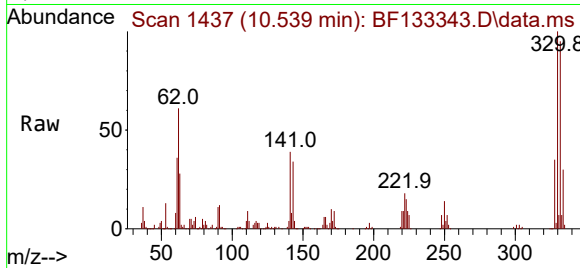
Acq: 10 May 2023 21:42

Instrument :

BNA_F

ClientSampleId :

SB-02_10-12_20230509



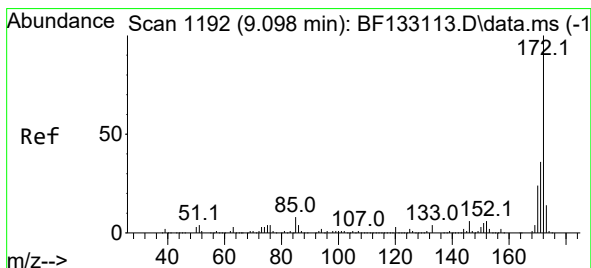
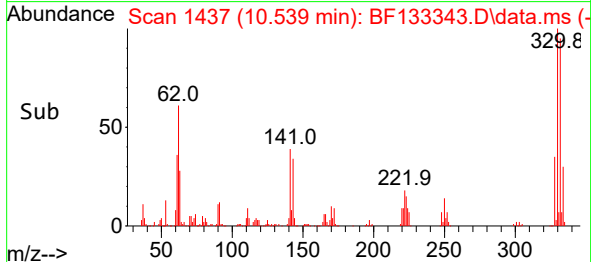
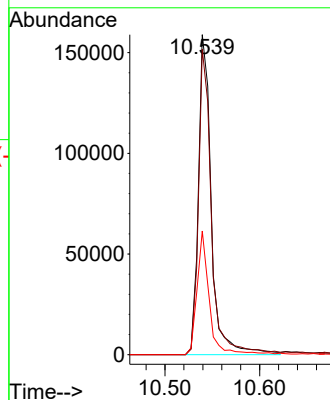
Tgt Ion:330 Resp: 152049

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 36.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 51.833 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133343.D

Acq: 10 May 2023 21:42

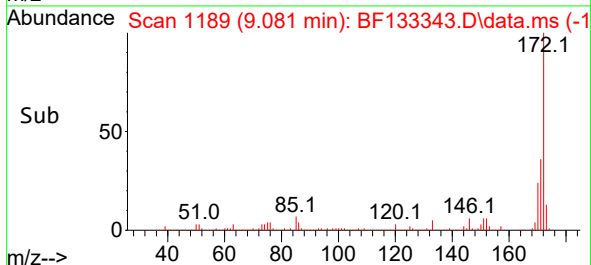
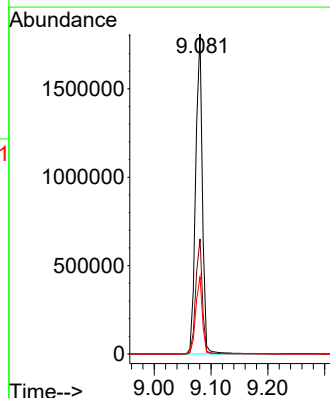
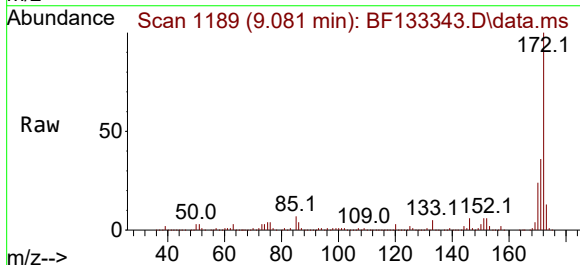
Tgt Ion:172 Resp: 1510526

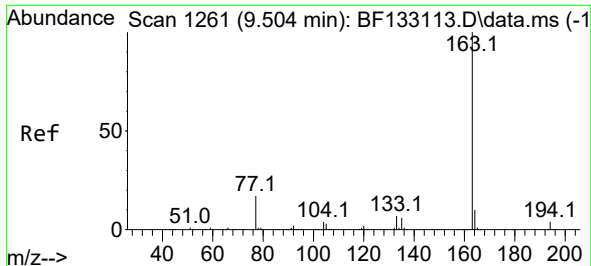
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.1 19.4 29.2

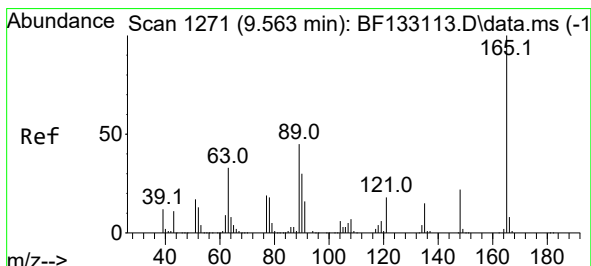
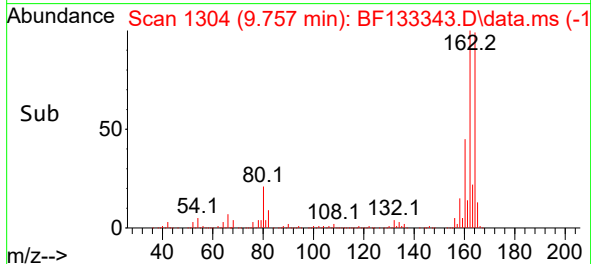
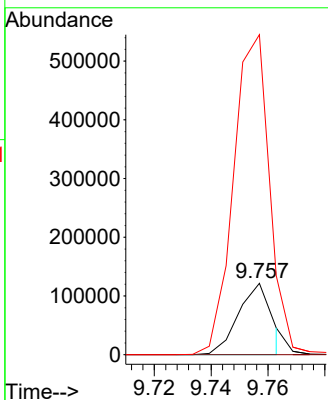
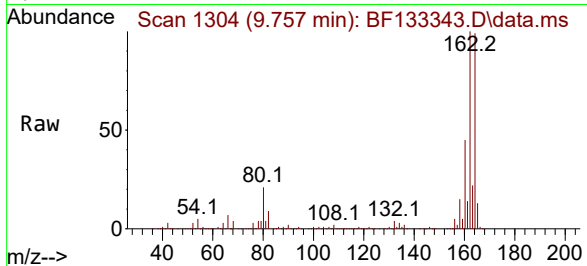




#50
Dimethylphthalate
Concen: 2.913 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

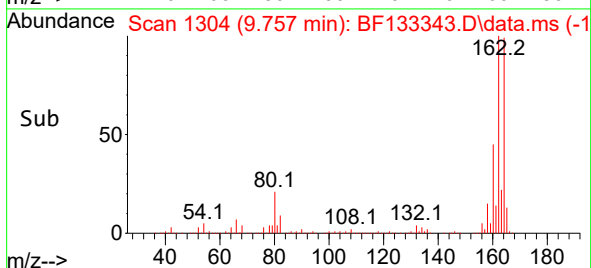
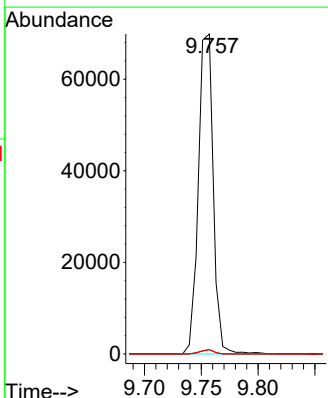
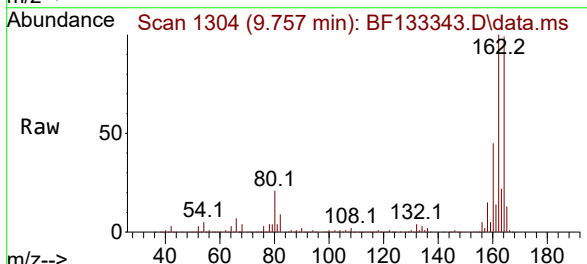
Instrument :
BNA_F
ClientSampleId :
SB-02_10-12_20230509

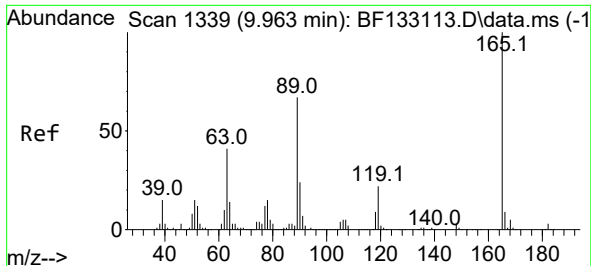
Tgt Ion:163 Resp: 99019
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 448.2 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.348 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

Tgt Ion:165 Resp: 63878
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.4 44.0 66.0#

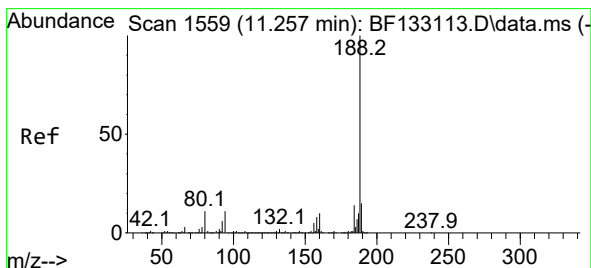
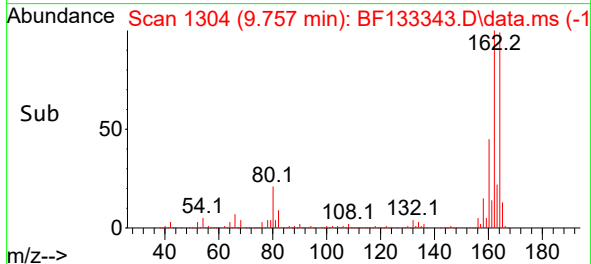
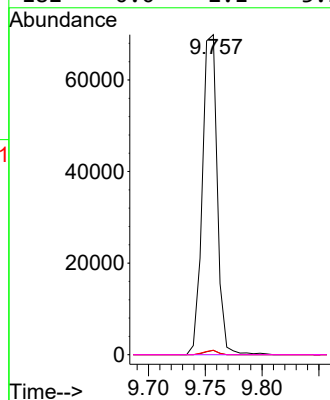
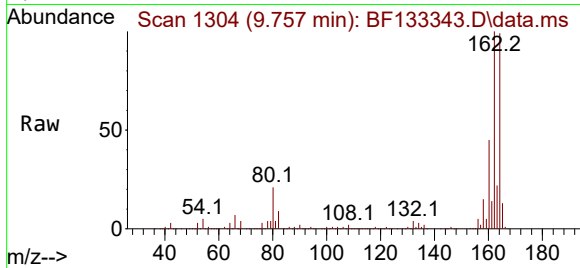




#57
2,4-Dinitrotoluene
Concen: 6.546 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

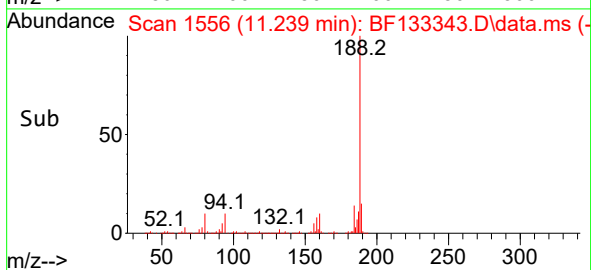
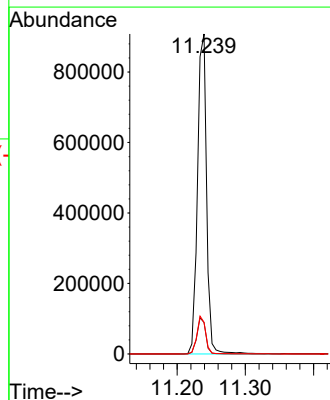
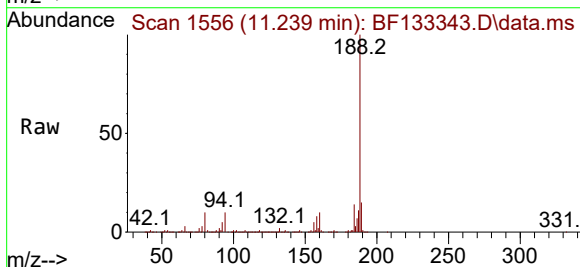
Instrument :
BNA_F
ClientSampleId :
SB-02_10-12_20230509

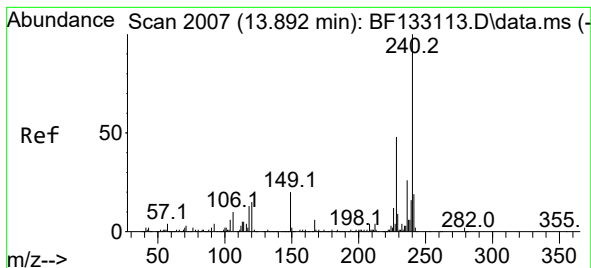
Tgt Ion:165 Resp: 63878
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.4 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133343.D
Acq: 10 May 2023 21:42

Tgt Ion:188 Resp: 840966
Ion Ratio Lower Upper
188 100
94 9.8 9.7 14.5
80 9.9 10.4 15.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133343.D

Acq: 10 May 2023 21:42

Instrument :

BNA_F

ClientSampleId :

SB-02_10-12_20230509

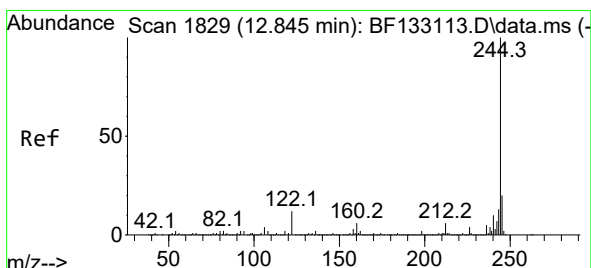
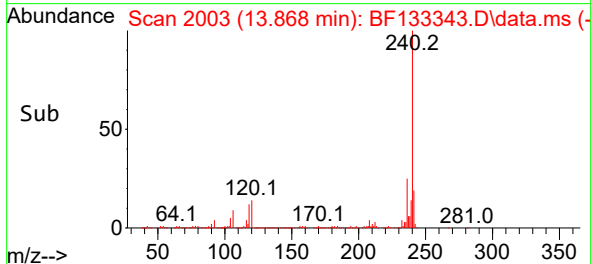
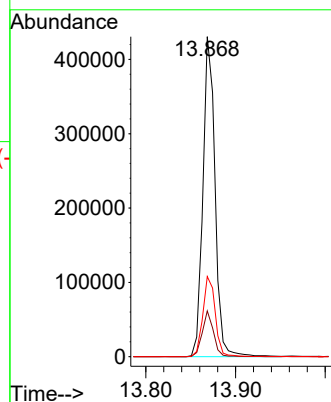
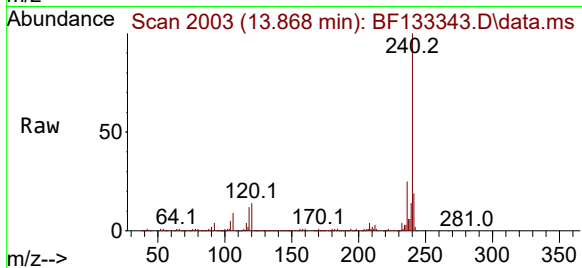
Tgt Ion:240 Resp: 404663

Ion Ratio Lower Upper

240 100

120 14.3 10.5 15.7

236 25.1 21.5 32.3



#79

Terphenyl-d14

Concen: 60.909 ng

RT: 12.822 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF133343.D

Acq: 10 May 2023 21:42

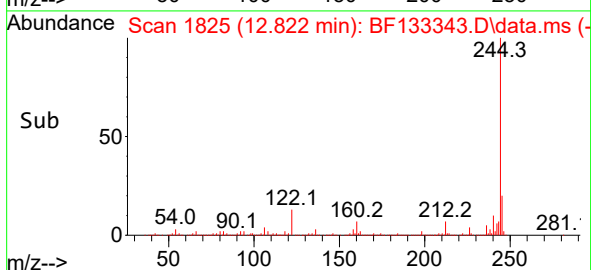
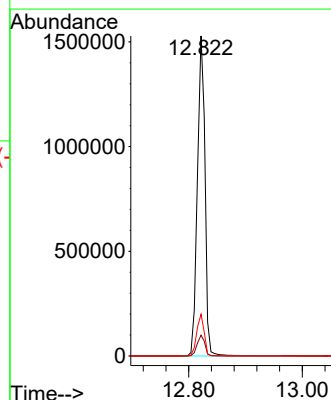
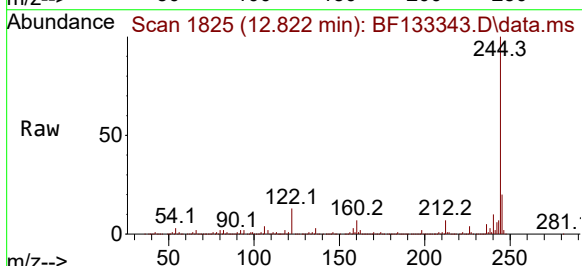
Tgt Ion:244 Resp: 1429119

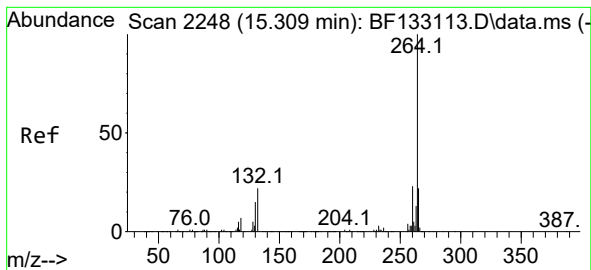
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 13.1 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: BF133343.D

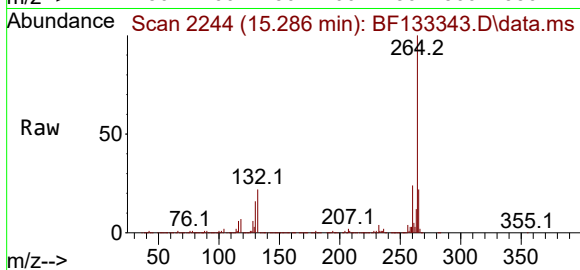
Acq: 10 May 2023 21:42

Instrument :

BNA_F

ClientSampleId :

SB-02_10-12_20230509



Tgt Ion:264 Resp: 462823

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 22.0 17.0 25.4

