

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133444.D
 Acq On : 18 May 2023 18:11
 Operator : CG\JU
 Sample : 02828-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: May 19 03:20:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 18:12:00 2023
 Response via : Initial Calibration

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

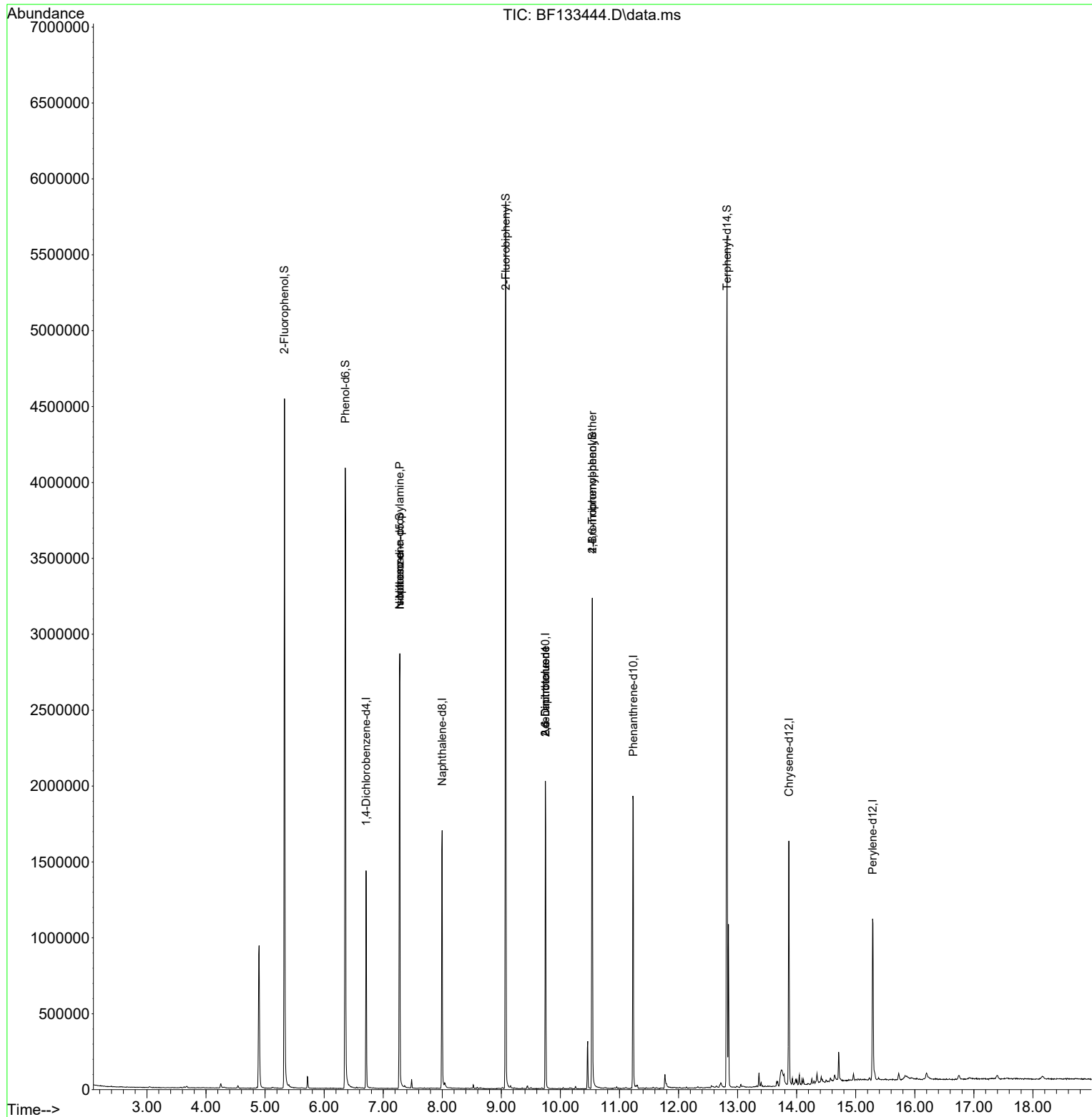
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	196302	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	799101	20.000	ng	0.00
39) Acenaphthene-d10	9.745	164	411518	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	747798	20.000	ng	# 0.00
76) Chrysene-d12	13.869	240	495956	20.000	ng	-0.01
86) Perylene-d12	15.286	264	466718	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1307868	100.645	ng	0.00
7) Phenol-d6	6.357	99	1563850	96.957	ng	-0.01
23) Nitrobenzene-d5	7.281	82	960986	64.912	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	408945	98.812	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1739653	70.724	ng	0.00
79) Terphenyl-d14	12.822	244	2032789	70.689	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.357	77	2279	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.281	70	124306	12.379	ng	# 74
25) Isophorone	7.281	82	960979	34.188	ng	# 63
51) 2,6-Dinitrotoluene	9.745	165	54343	8.414	ng	# 25
57) 2,4-Dinitrotoluene	9.745	165	54486	6.615	ng	# 23
67) 4-Bromophenyl-phenylether	10.539	248	26310	3.244	ng	# 1

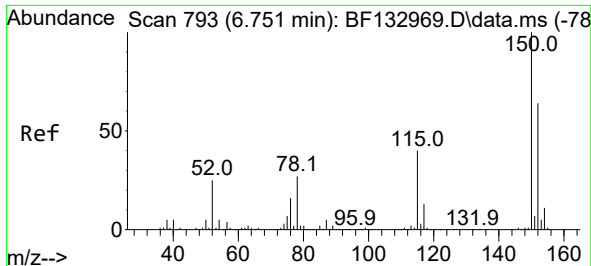
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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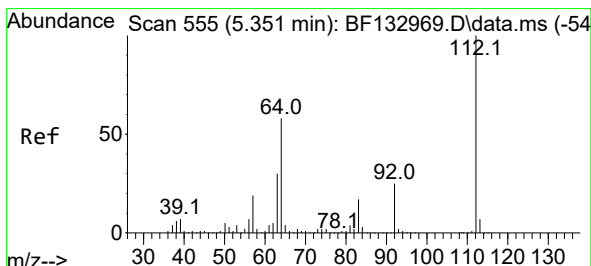
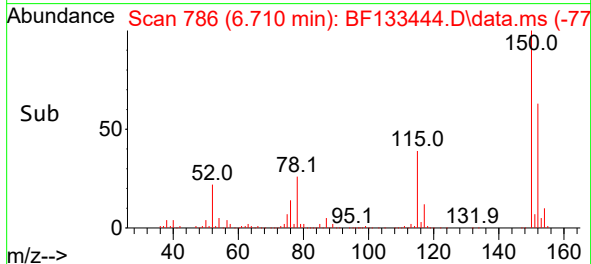
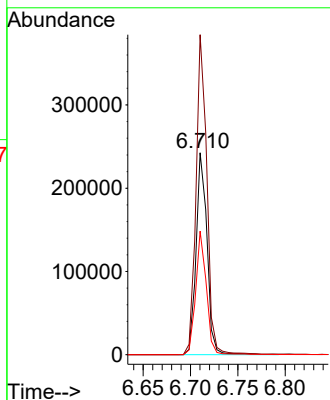
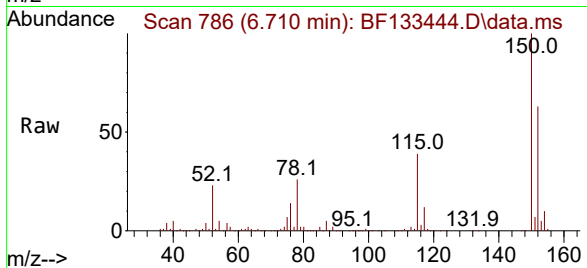




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.710 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

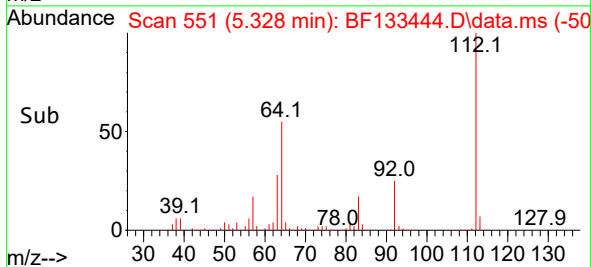
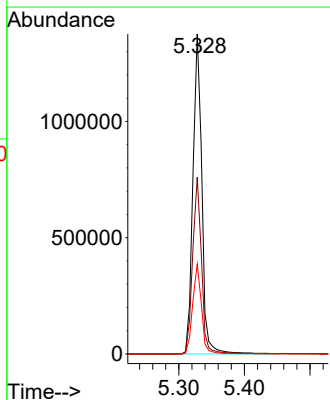
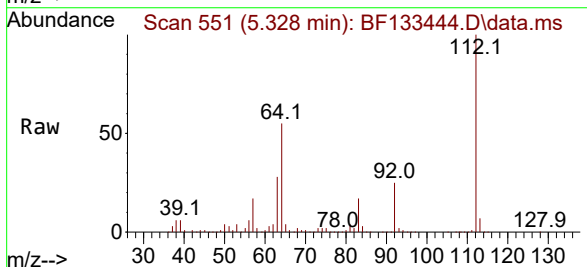
Instrument :
BNA_F
ClientSampleId :
SB-2

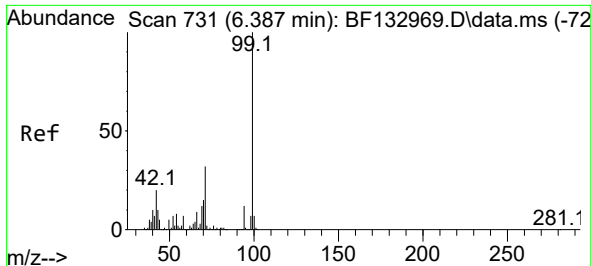
Tgt Ion:152 Resp: 196302
Ion Ratio Lower Upper
152 100
150 158.4 124.8 187.2
115 61.1 49.9 74.9



#5
2-Fluorophenol
Concen: 100.645 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

Tgt Ion:112 Resp: 1307868
Ion Ratio Lower Upper
112 100
64 55.2 46.8 70.2
63 28.1 23.8 35.8

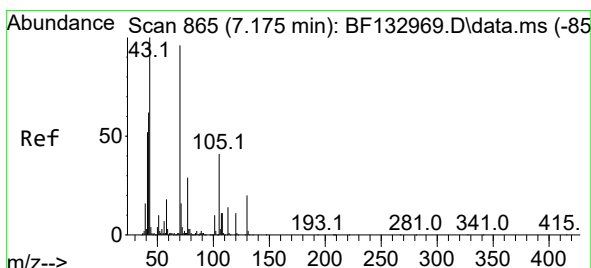
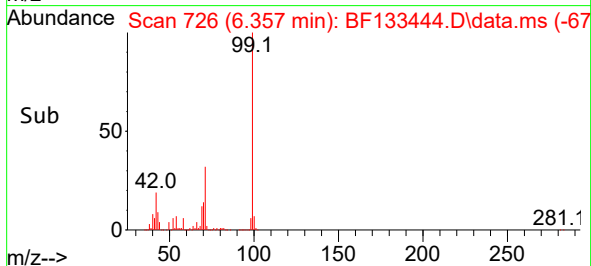
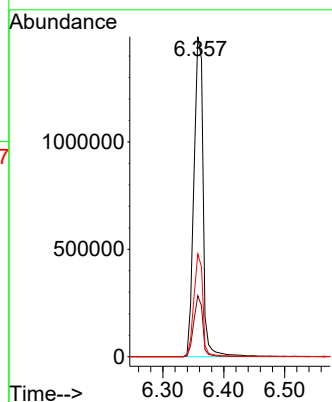
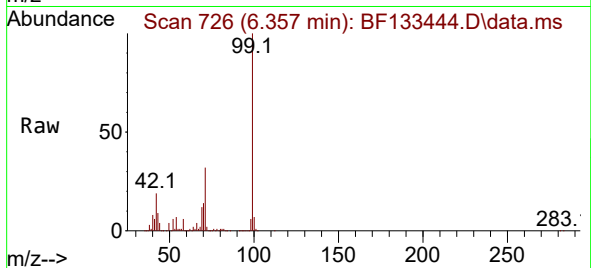




#7
Phenol-d6
Concen: 96.957 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

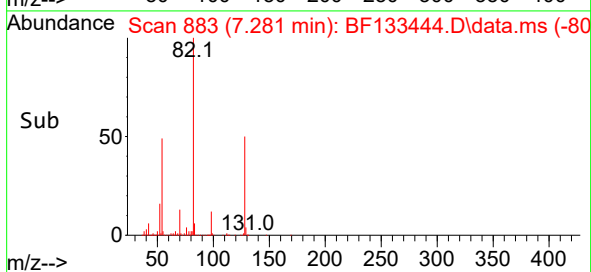
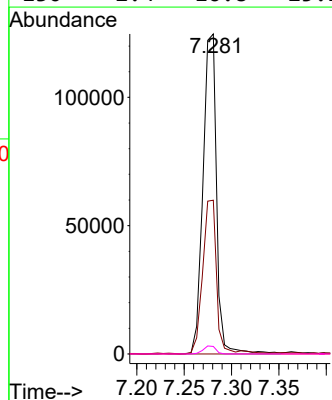
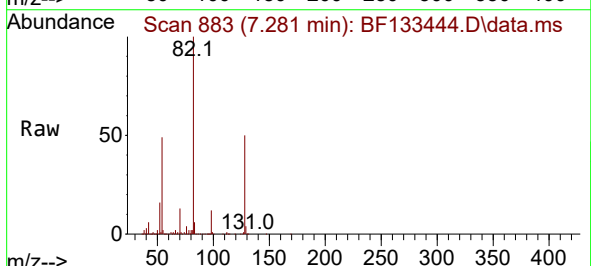
Instrument :
BNA_F
ClientSampleId :
SB-2

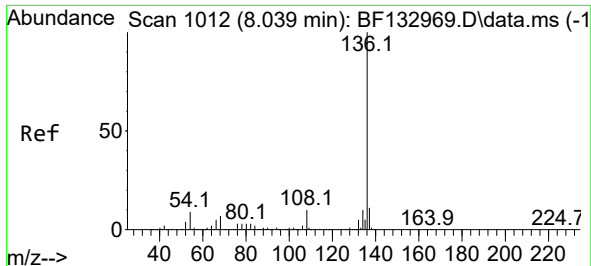
Tgt Ion: 99 Resp: 1563850
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.379 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

Tgt Ion: 70 Resp: 124306
Ion Ratio Lower Upper
70 100
42 48.0 51.8 77.6#
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF133444.D

Acq: 18 May 2023 18:11

Instrument :

BNA_F

ClientSampleId :

SB-2

Tgt Ion:136 Resp: 799101

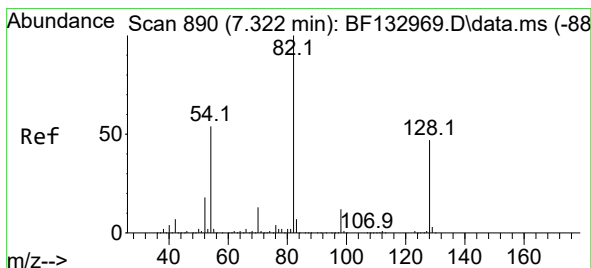
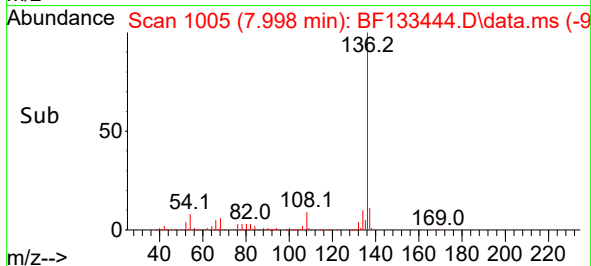
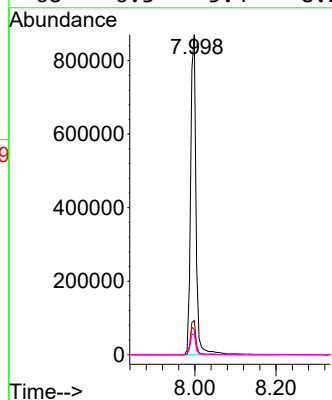
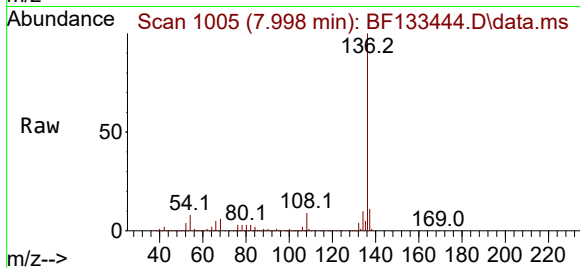
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.8 7.0 10.4

68 6.3 5.4 8.2



#23

Nitrobenzene-d5

Concen: 64.912 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF133444.D

Acq: 18 May 2023 18:11

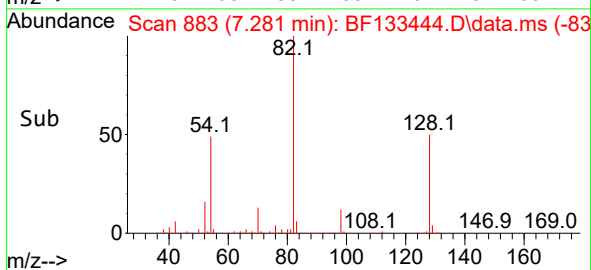
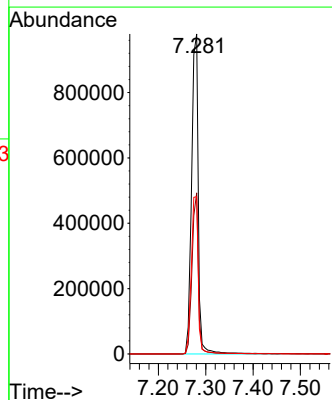
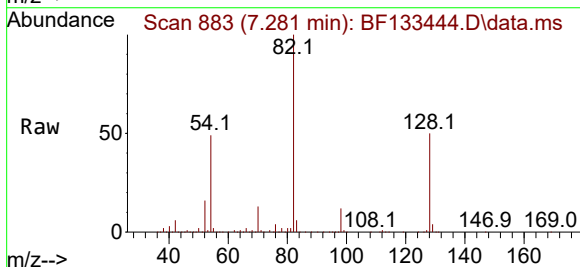
Tgt Ion: 82 Resp: 960986

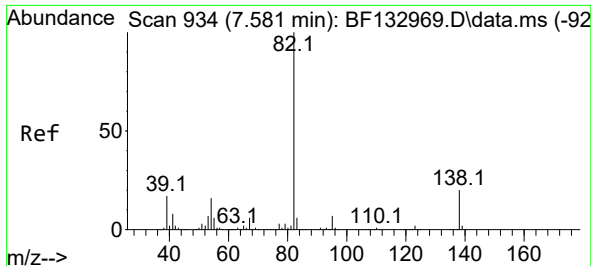
Ion Ratio Lower Upper

82 100

128 50.4 37.7 56.5

54 49.1 43.0 64.4

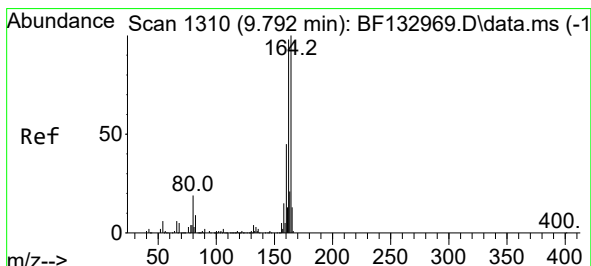
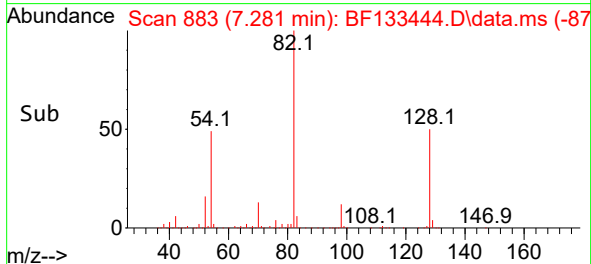
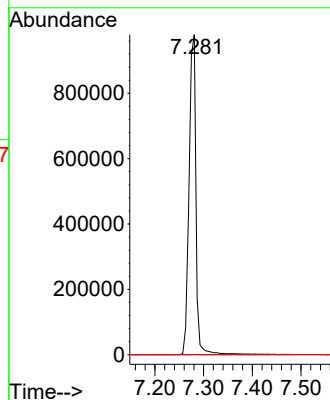
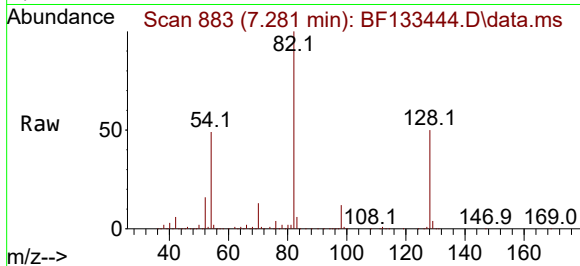




#25
Isophorone
Concen: 34.188 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

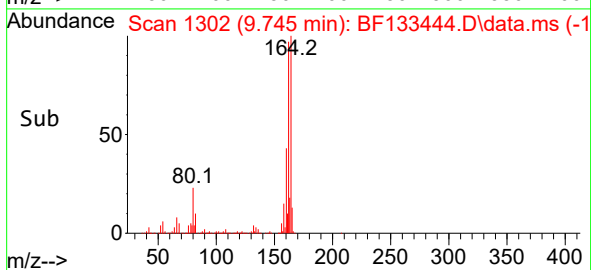
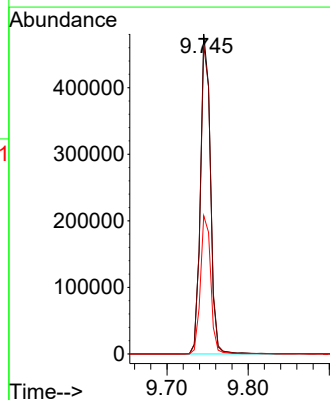
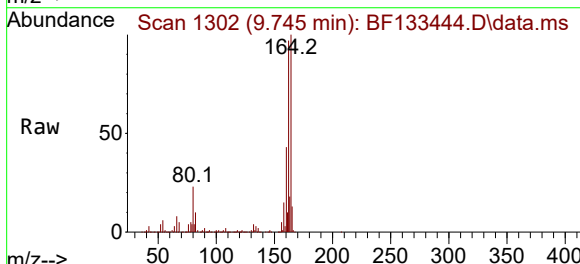
Instrument :
BNA_F
ClientSampleId :
SB-2

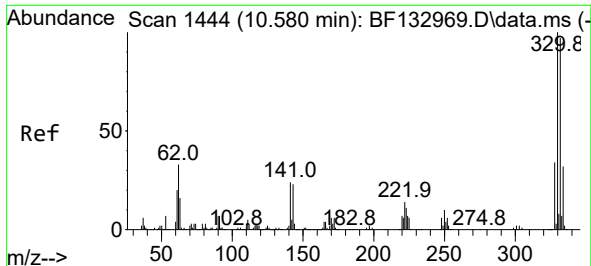
Tgt Ion: 82 Resp: 960979
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.012 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

Tgt Ion:164 Resp: 411518
Ion Ratio Lower Upper
164 100
162 96.6 78.7 118.1
160 43.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 98.812 ng

RT: 10.539 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133444.D

Acq: 18 May 2023 18:11

Instrument :

BNA_F

ClientSampleId :

SB-2

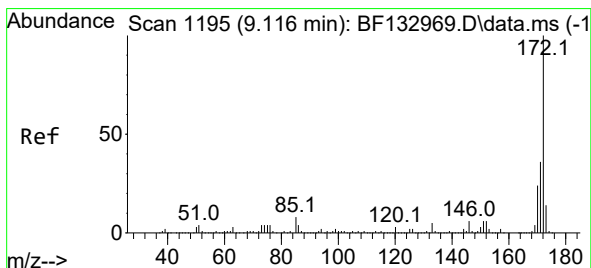
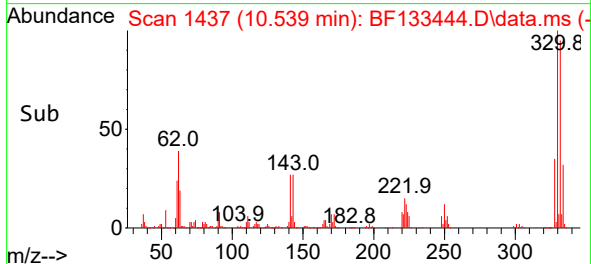
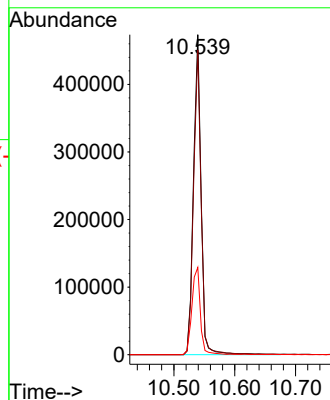
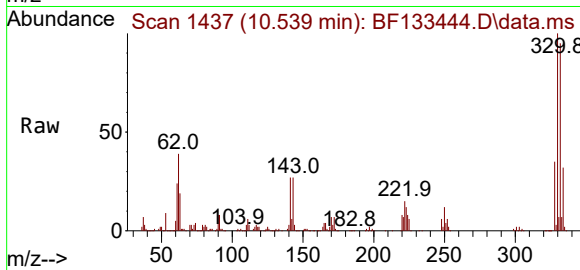
Tgt Ion:330 Resp: 408945

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

141 30.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 70.724 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF133444.D

Acq: 18 May 2023 18:11

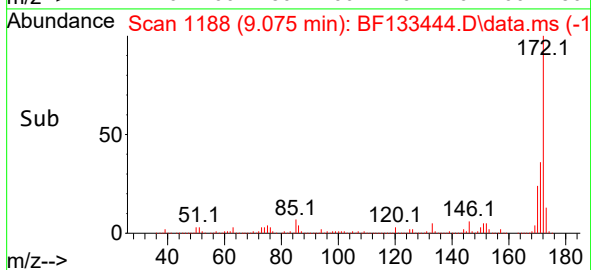
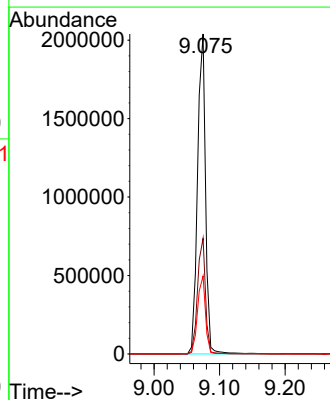
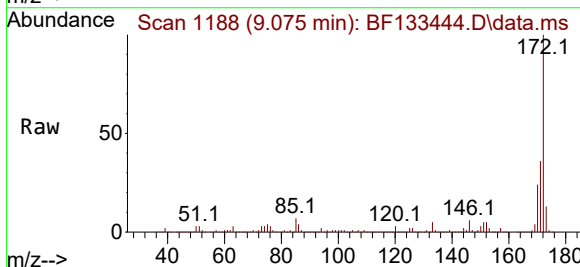
Tgt Ion:172 Resp: 1739653

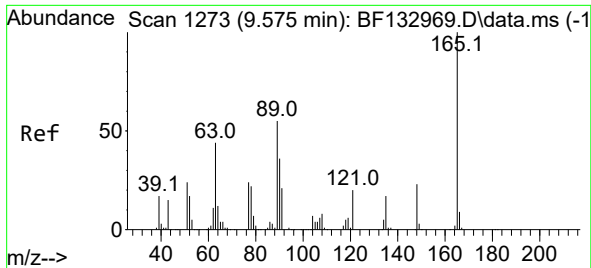
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.4 19.4 29.2

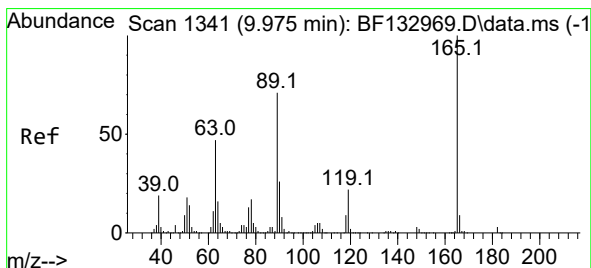
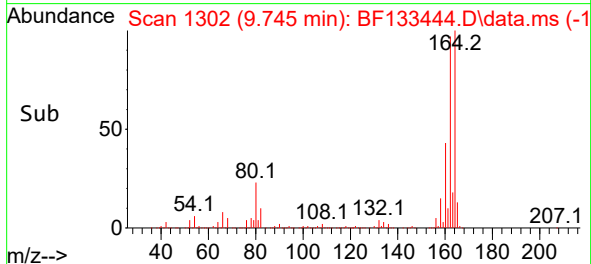
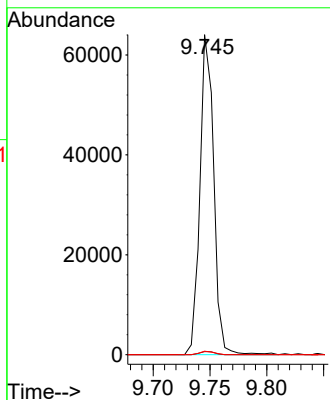
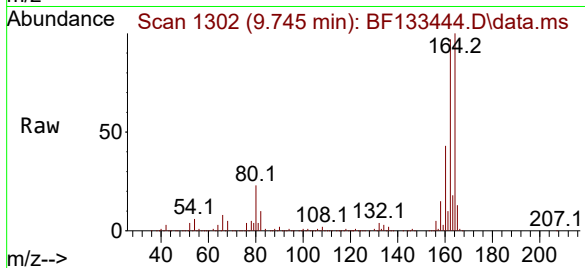




#51
2,6-Dinitrotoluene
Concen: 8.414 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

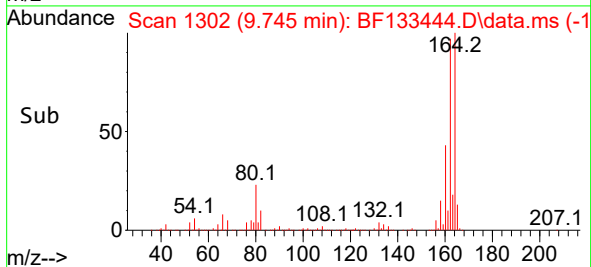
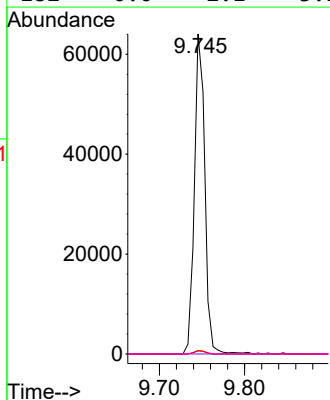
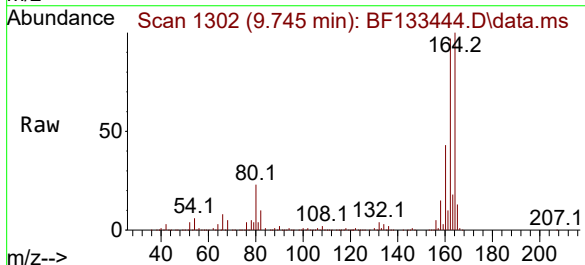
Instrument :
BNA_F
ClientSampleId :
SB-2

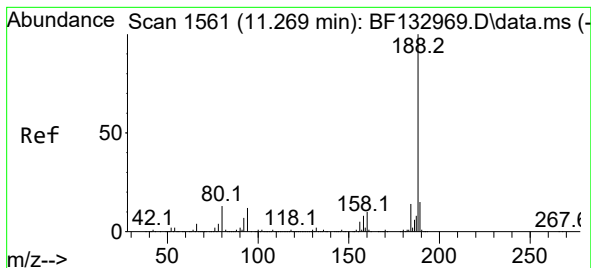
Tgt Ion:165 Resp: 54343
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.1 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.615 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.206 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

Tgt Ion:165 Resp: 54486
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133444.D

Acq: 18 May 2023 18:11

Instrument :

BNA_F

ClientSampleId :

SB-2

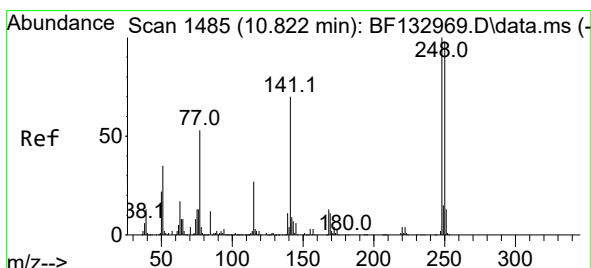
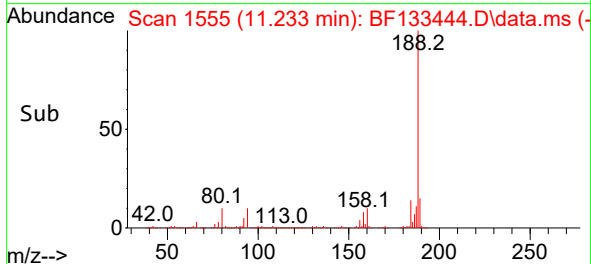
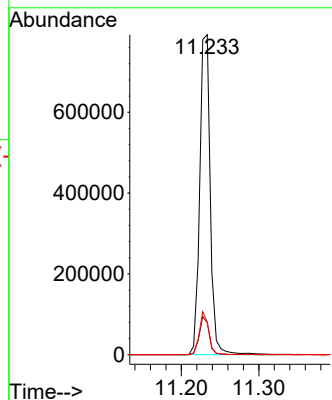
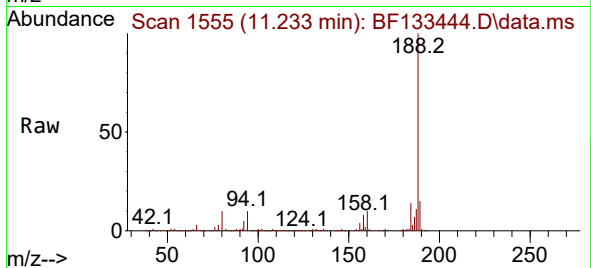
Tgt Ion:188 Resp: 747798

Ion Ratio Lower Upper

188 100

94 10.0 9.7 14.5

80 10.2 10.4 15.6#



#67

4-Bromophenyl-phenylether

Concen: 3.244 ng

RT: 10.539 min Scan# 1437

Delta R.T. -0.247 min

Lab File: BF133444.D

Acq: 18 May 2023 18:11

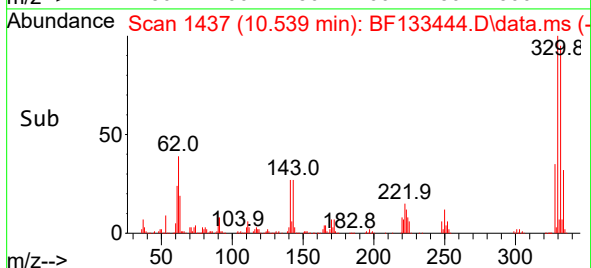
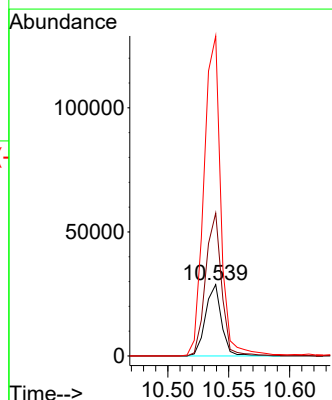
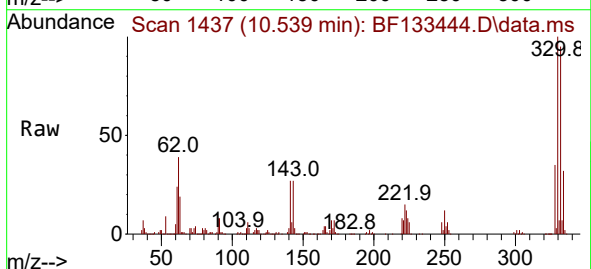
Tgt Ion:248 Resp: 26310

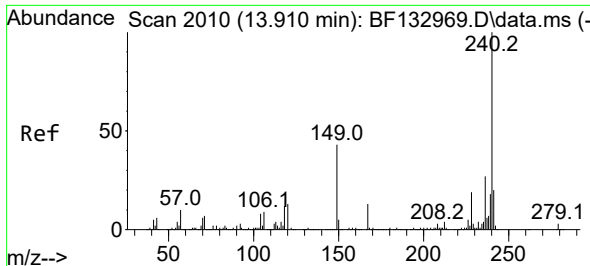
Ion Ratio Lower Upper

248 100

250 200.1 78.7 118.1#

141 447.9 56.3 84.5#

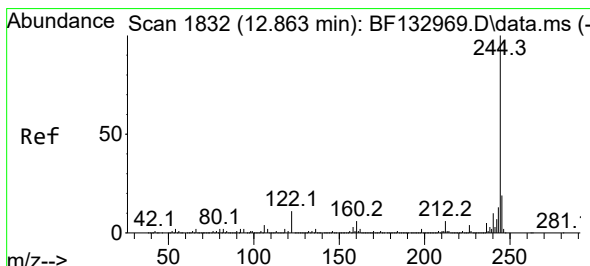
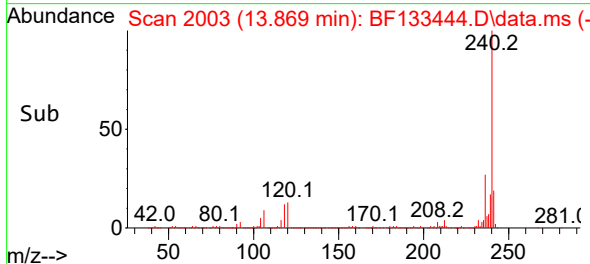
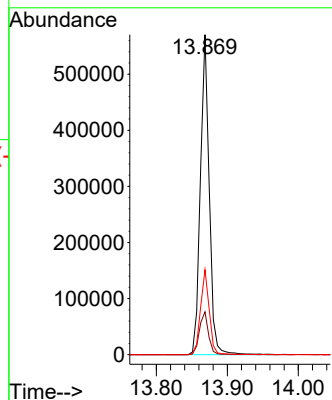
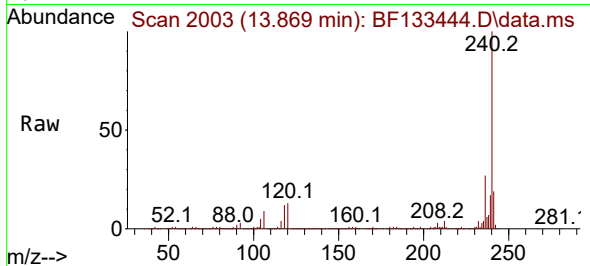




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

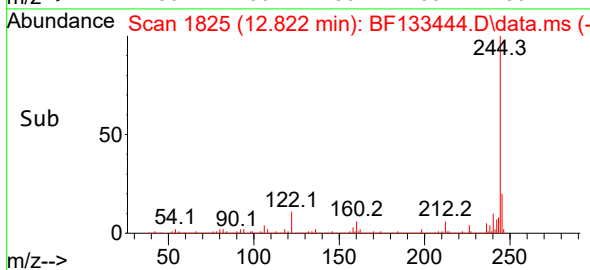
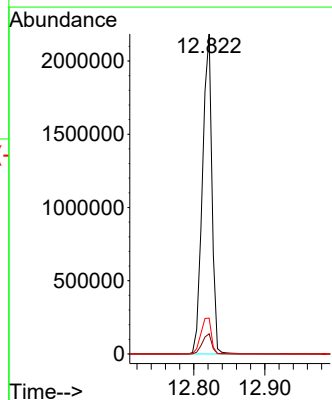
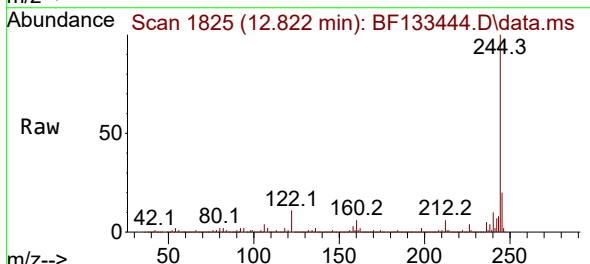
Instrument :
BNA_F
ClientSampleId :
SB-2

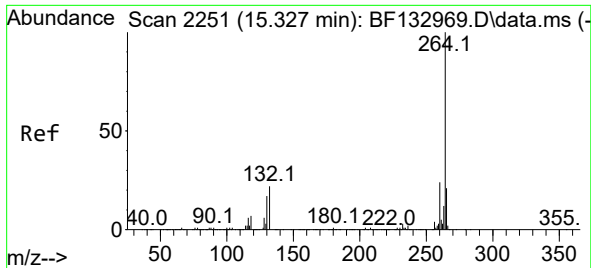
Tgt Ion:240 Resp: 495956
Ion Ratio Lower Upper
240 100
120 13.4 10.5 15.7
236 26.5 21.5 32.3



#79
Terphenyl-d14
Concen: 70.689 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

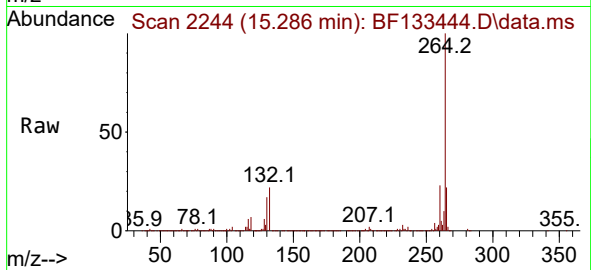
Tgt Ion:244 Resp: 2032789
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 11.2 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133444.D
Acq: 18 May 2023 18:11

Instrument :
BNA_F
ClientSampleId :
SB-2



Tgt Ion:264 Resp: 466718
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 22.1 17.0 25.4

