

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133301.D
 Acq On : 08 May 2023 18:35
 Operator : CG\JU
 Sample : 02659-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LARGE-PAD

Quant Time: May 09 05:07:39 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)

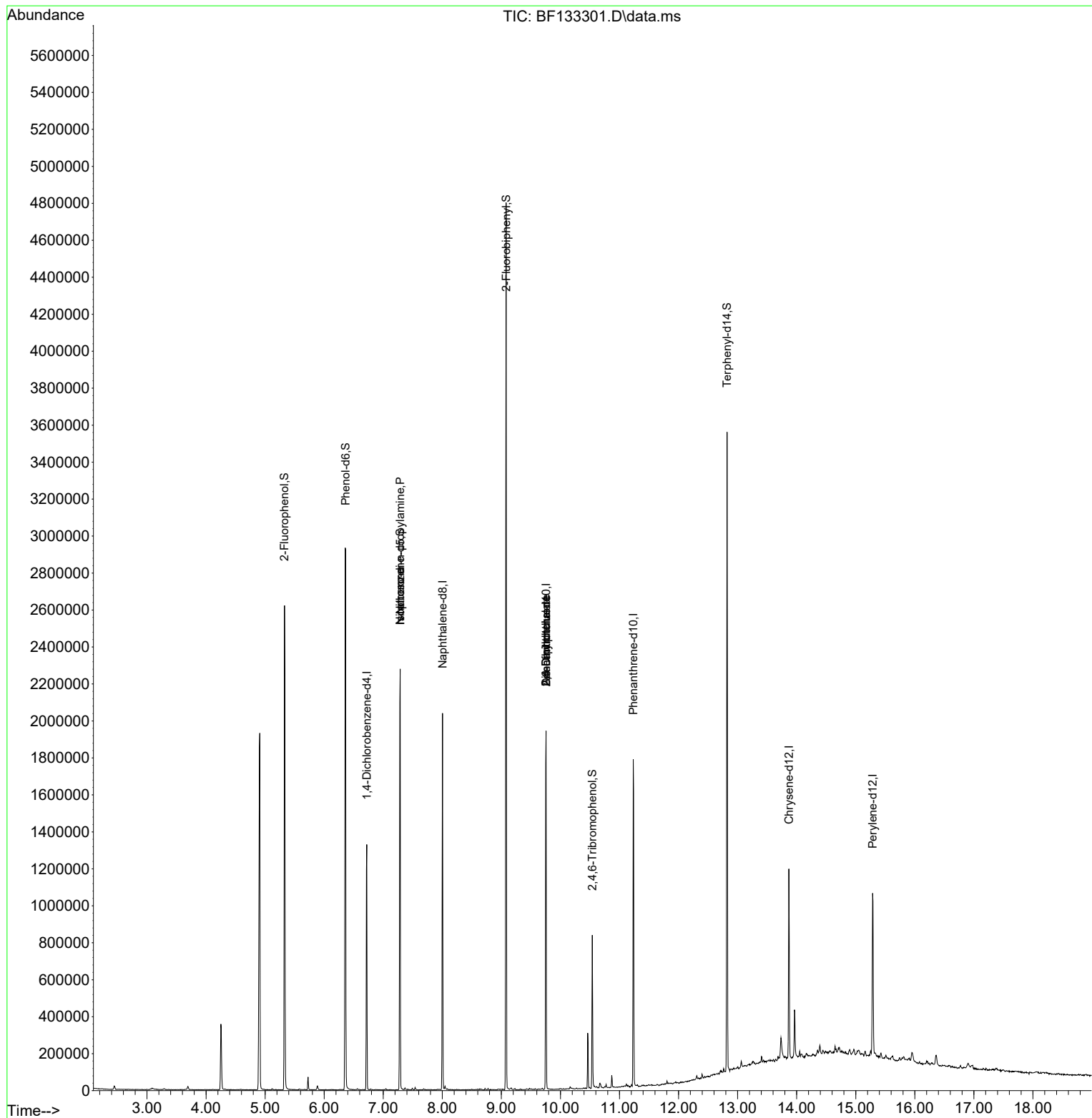
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	188158	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	757804	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	381140	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	632223	20.000	ng	-0.01
76) Chrysene-d12	13.868	240	314392	20.000	ng	-0.01
86) Perylene-d12	15.286	264	387094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	729295	58.551	ng	0.00
7) Phenol-d6	6.363	99	1050957	67.978	ng	0.00
23) Nitrobenzene-d5	7.287	82	684637	48.765	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	83727	21.843	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1281541	56.253	ng	0.00
79) Terphenyl-d14	12.822	244	1129827	61.979	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	99	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.287	70	91491	9.506 ng	#	75
25) Isophorone	7.287	82	684622	25.684 ng	#	63
50) Dimethylphthalate	9.757	163	80461	3.028 ng	#	1
51) 2,6-Dinitrotoluene	9.757	165	49015	8.194 ng	#	25
57) 2,4-Dinitrotoluene	9.757	165	49015	6.425 ng	#	24

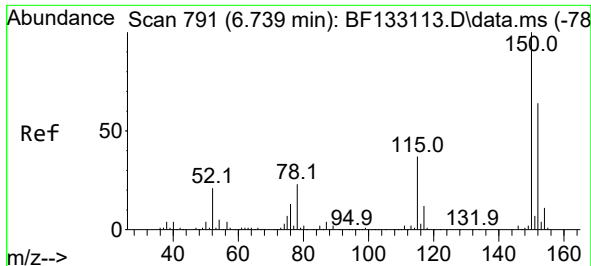
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

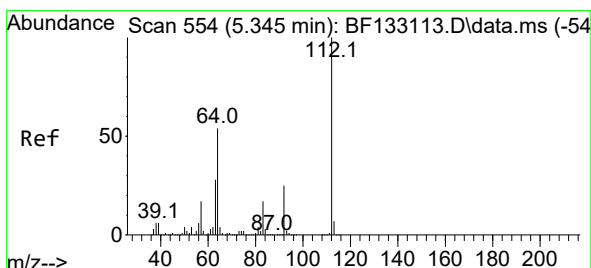
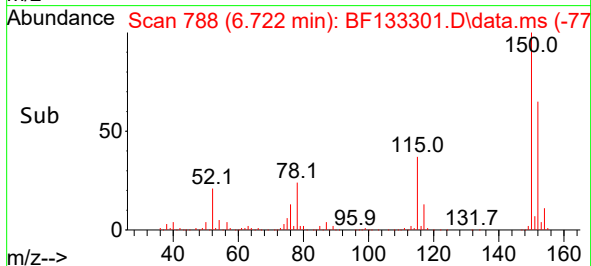
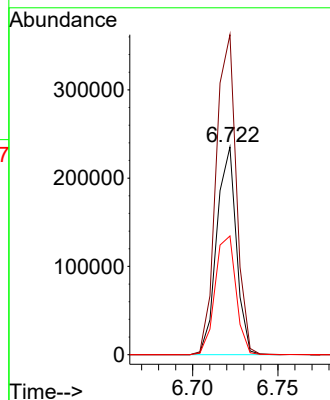
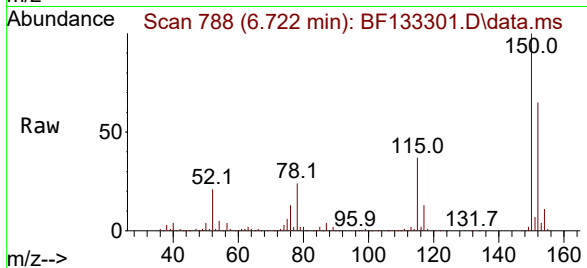




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

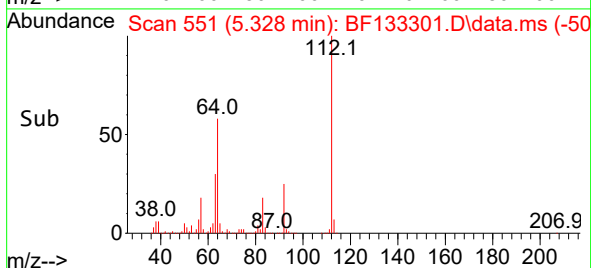
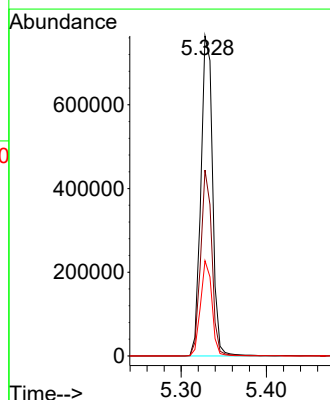
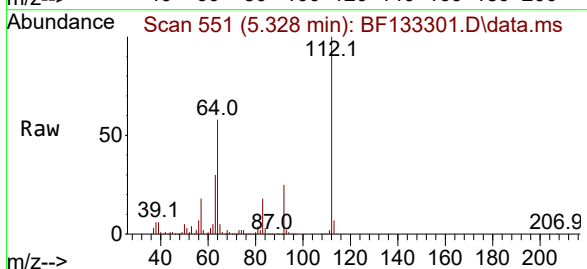
Instrument :
BNA_F
ClientSampleId :
LARGE-PAD

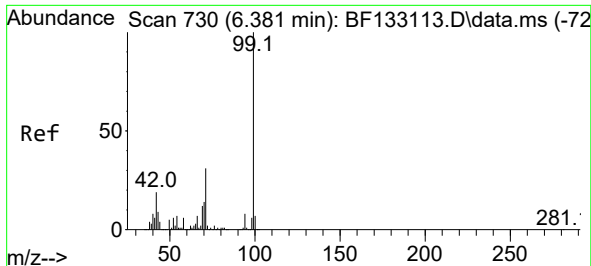
Tgt Ion:152 Resp: 188158
Ion Ratio Lower Upper
152 100
150 154.0 124.8 187.2
115 57.2 49.9 74.9



#5
2-Fluorophenol
Concen: 58.551 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

Tgt Ion:112 Resp: 729295
Ion Ratio Lower Upper
112 100
64 58.1 46.8 70.2
63 29.8 23.8 35.8





#7

Phenol-d6

Concen: 67.978 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133301.D

Acq: 08 May 2023 18:35

Instrument :

BNA_F

ClientSampleId :

LARGE-PAD

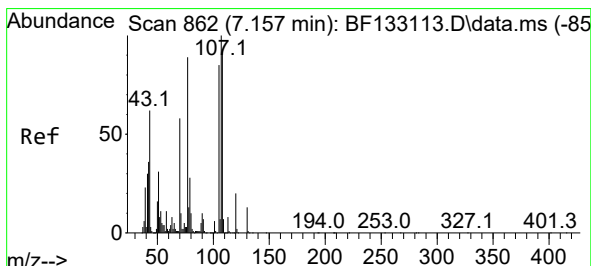
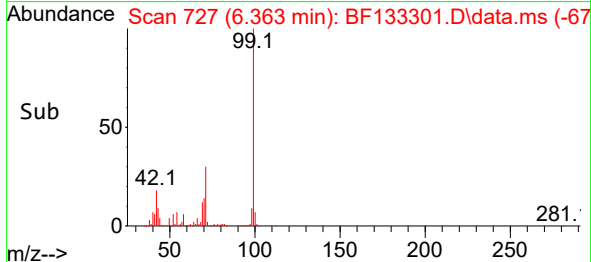
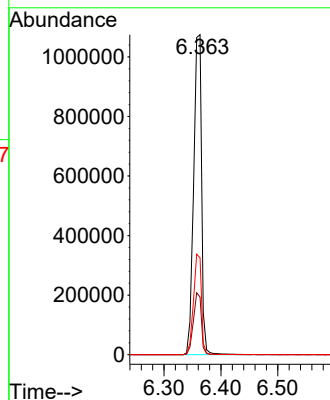
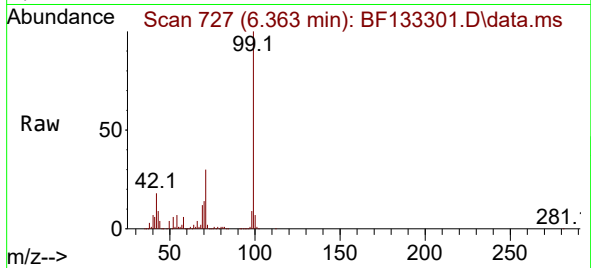
Tgt Ion: 99 Resp: 1050957

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

71 30.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.506 ng

RT: 7.287 min Scan# 884

Delta R.T. 0.141 min

Lab File: BF133301.D

Acq: 08 May 2023 18:35

Tgt Ion: 70 Resp: 91491

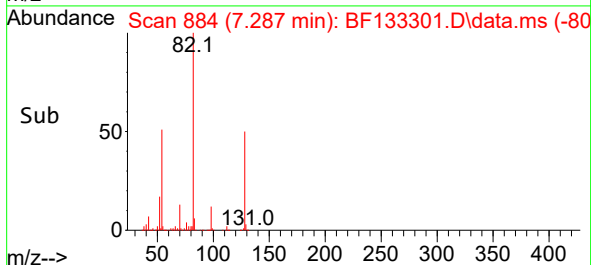
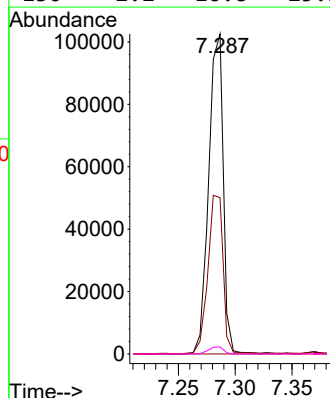
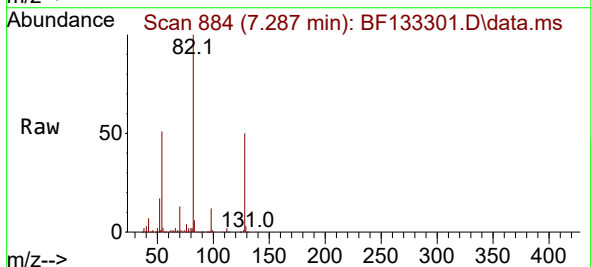
Ion Ratio Lower Upper

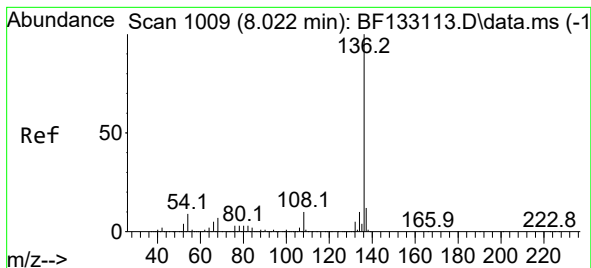
70 100

42 48.8 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# 1

Delta R.T. -0.006 min

Lab File: BF133301.D

Acq: 08 May 2023 18:35

Instrument :

BNA_F

ClientSampleId :

LARGE-PAD

Tgt Ion:136 Resp: 757804

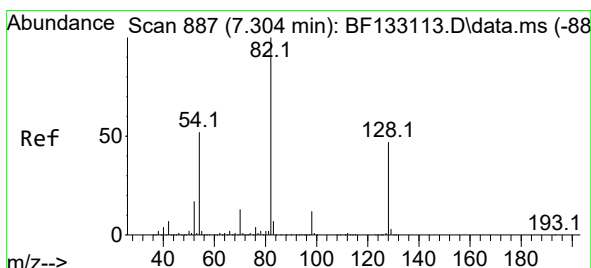
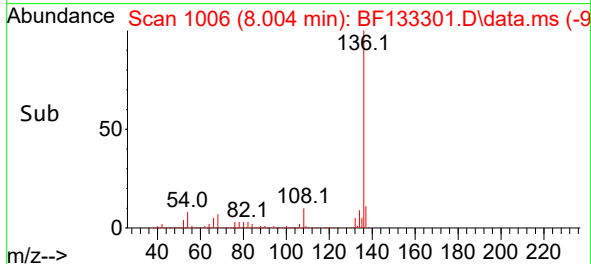
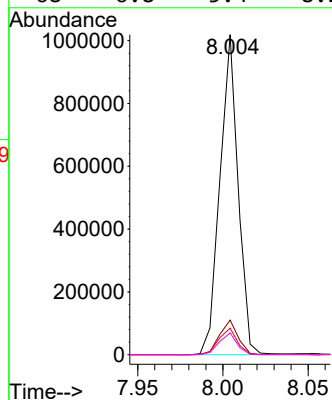
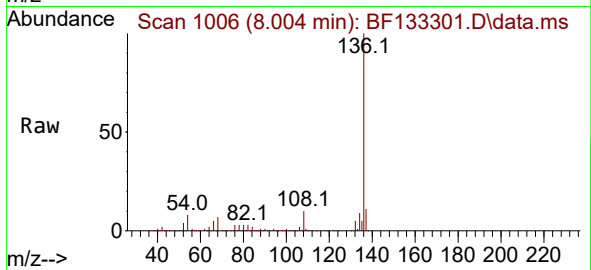
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.3 7.0 10.4

68 6.8 5.4 8.2



#23

Nitrobenzene-d5

Concen: 48.765 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133301.D

Acq: 08 May 2023 18:35

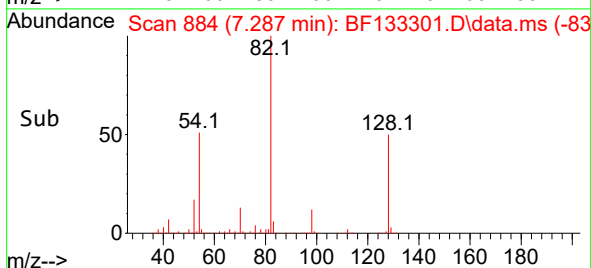
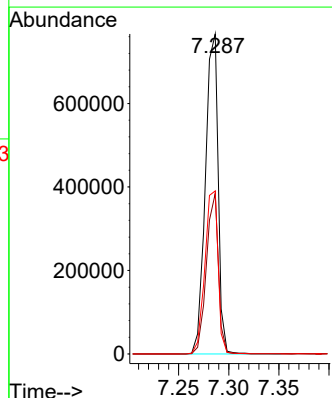
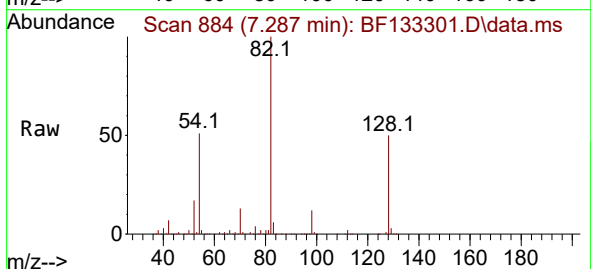
Tgt Ion: 82 Resp: 684637

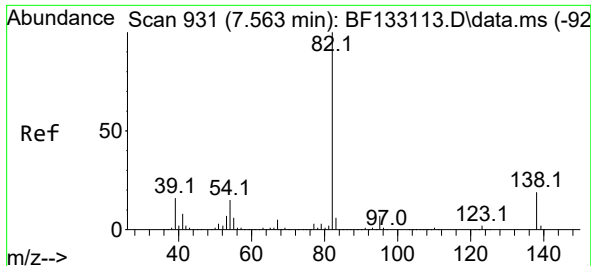
Ion Ratio Lower Upper

82 100

128 50.2 37.7 56.5

54 50.9 43.0 64.4

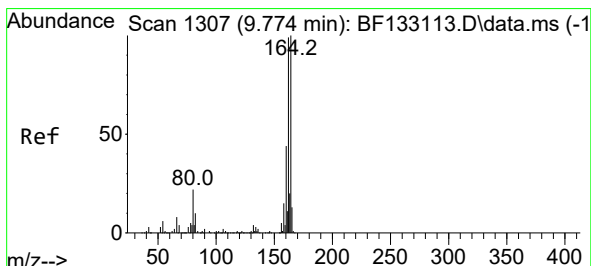
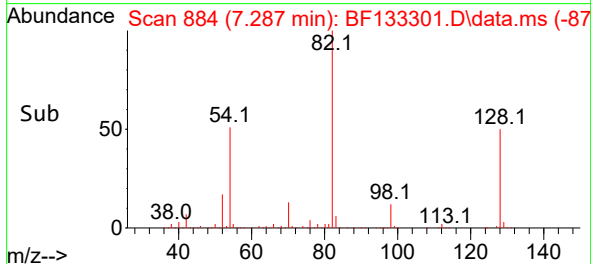
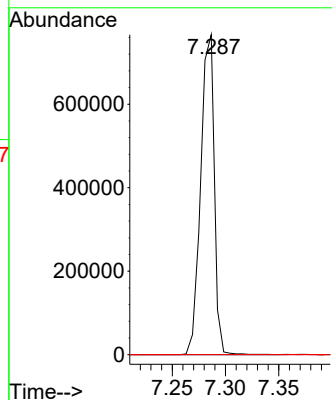
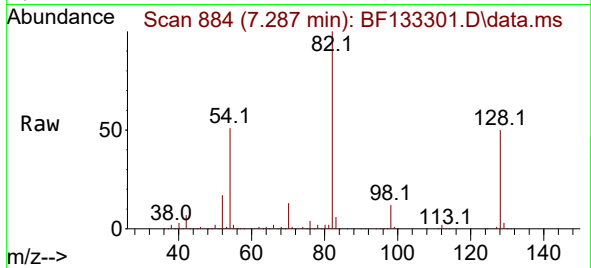




#25
Isophorone
Concen: 25.684 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

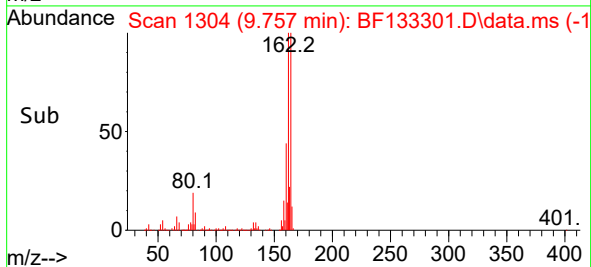
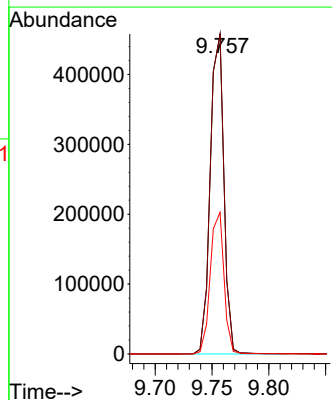
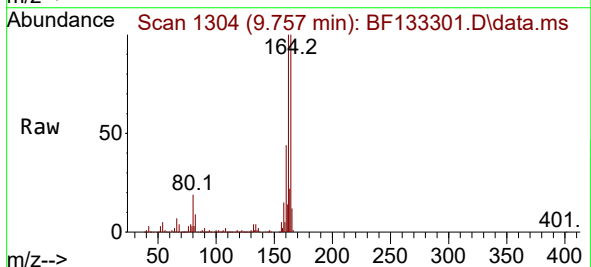
Instrument :
BNA_F
ClientSampleId :
LARGE-PAD

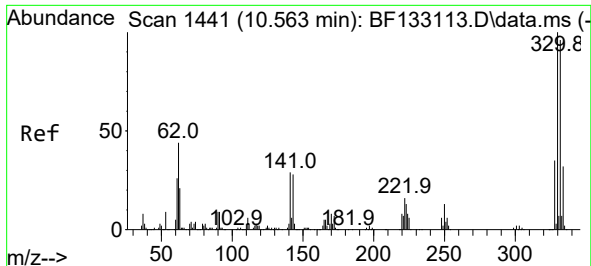
Tgt Ion: 82 Resp: 684622
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

Tgt Ion:164 Resp: 381140
Ion Ratio Lower Upper
164 100
162 99.8 78.7 118.1
160 44.3 35.8 53.6

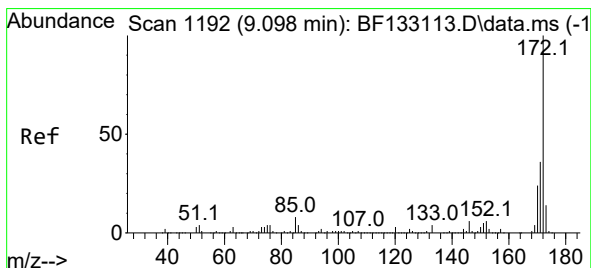
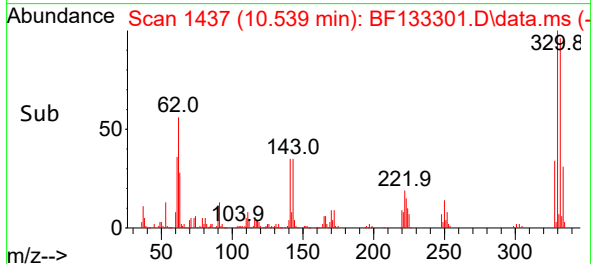
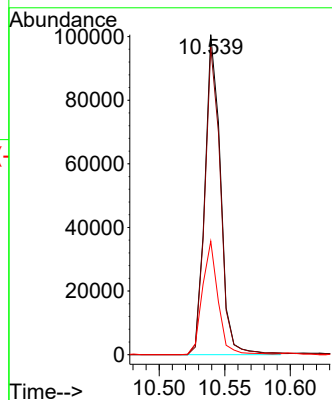
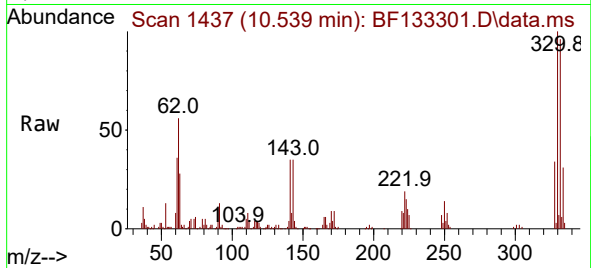




#42
2,4,6-Tribromophenol
Concen: 21.843 ng
RT: 10.539 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

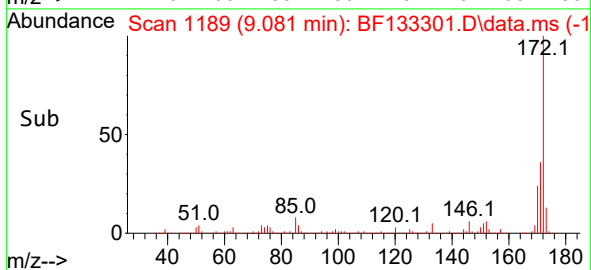
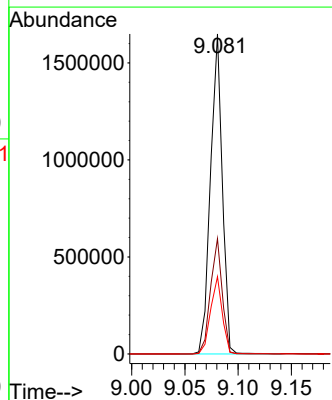
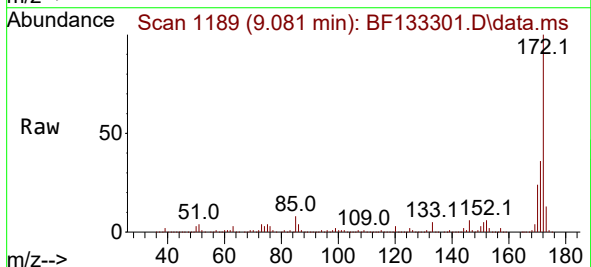
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BNA_F
ClientSampleId :
LARGE-PAD

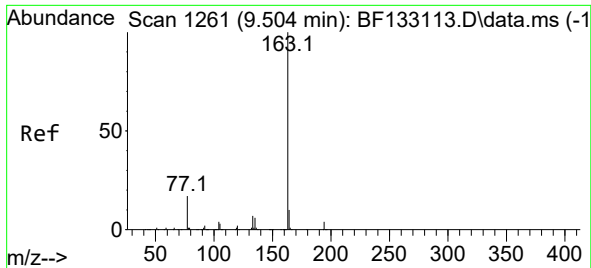
Tgt Ion: 330 Resp: 83727
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 35.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 56.253 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

Tgt Ion: 172 Resp: 1281541
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.4 29.2

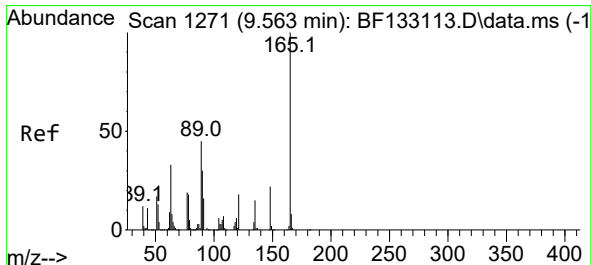
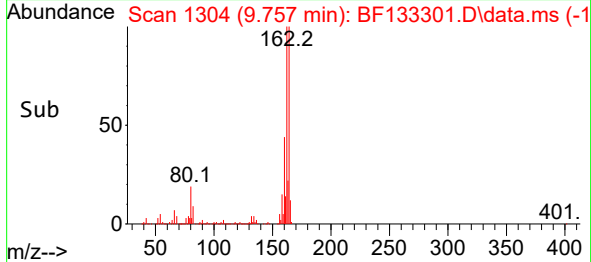
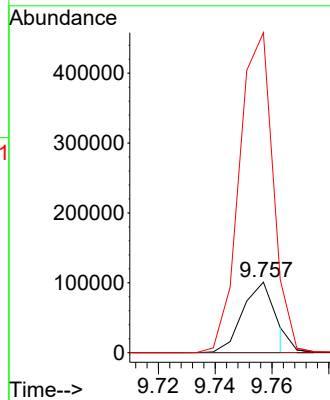
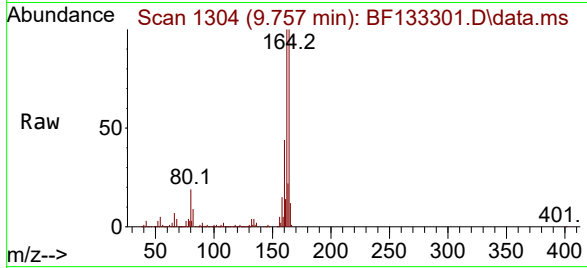




#50
Dimethylphthalate
Concen: 3.028 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

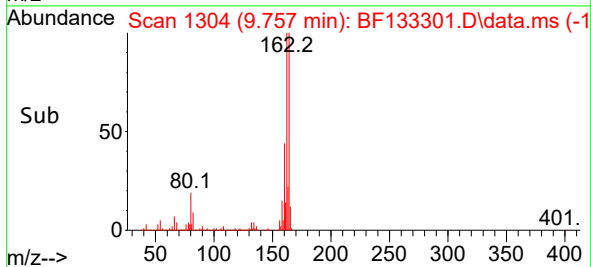
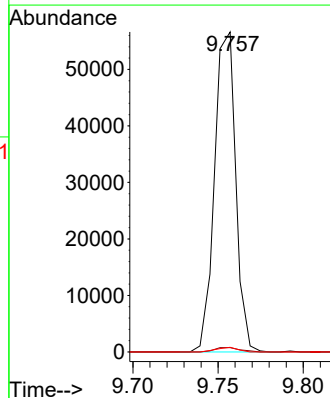
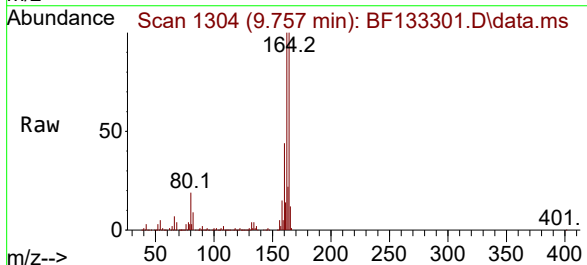
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ClientSampleId :
LARGE-PAD

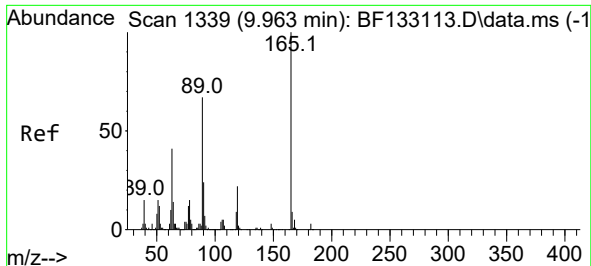
Tgt Ion:163 Resp: 80461
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 453.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.194 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

Tgt Ion:165 Resp: 49015
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.4 44.0 66.0#

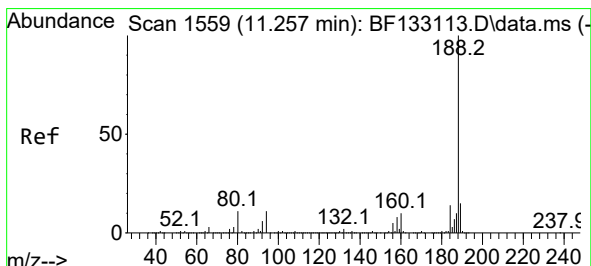
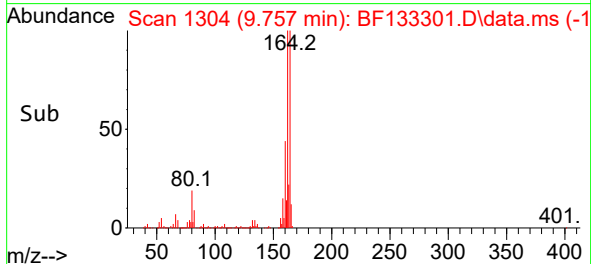
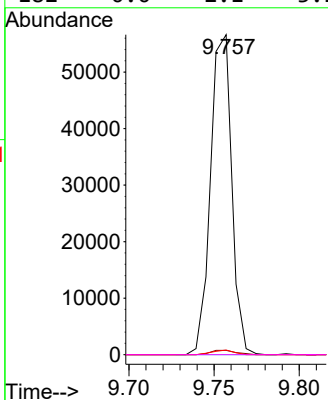
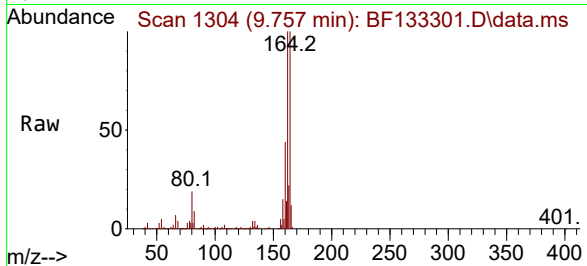




#57
2,4-Dinitrotoluene
Concen: 6.425 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

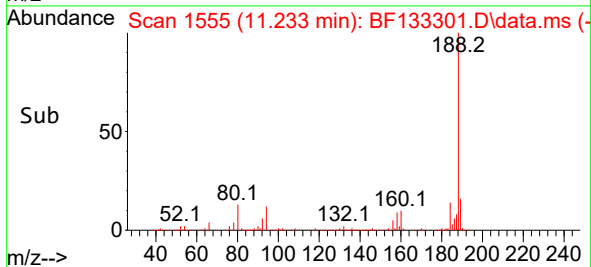
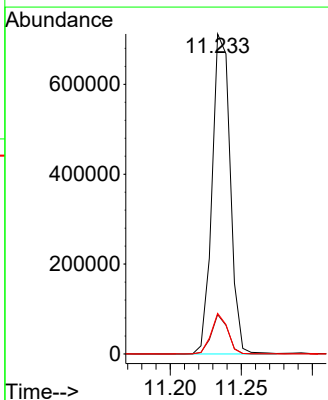
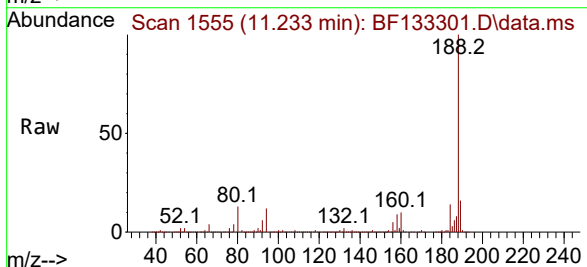
Instrument :
BNA_F
ClientSampleId :
LARGE-PAD

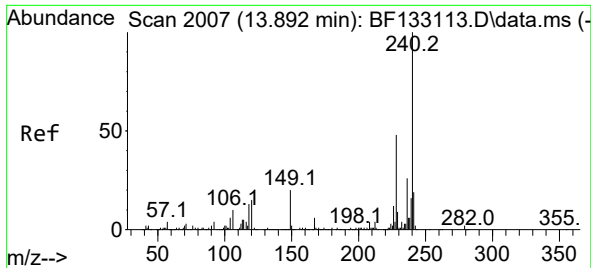
Tgt Ion:165 Resp: 49015
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.4 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

Tgt Ion:188 Resp: 632223
Ion Ratio Lower Upper
188 100
94 12.3 9.7 14.5
80 12.7 10.4 15.6

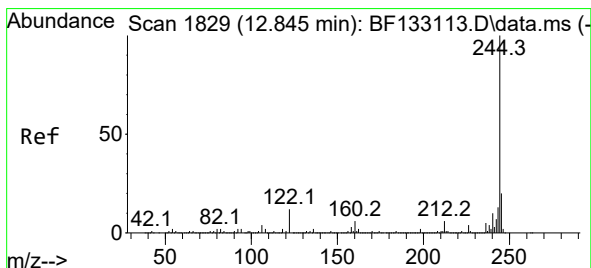
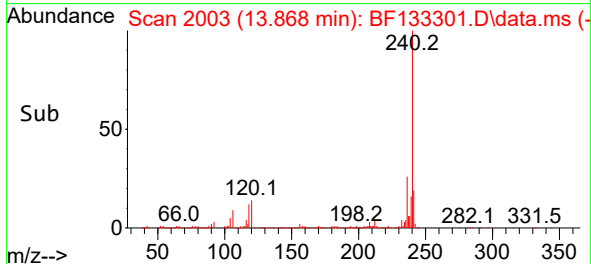
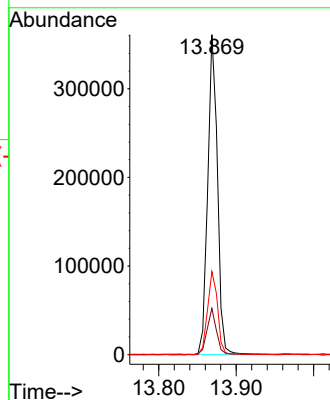
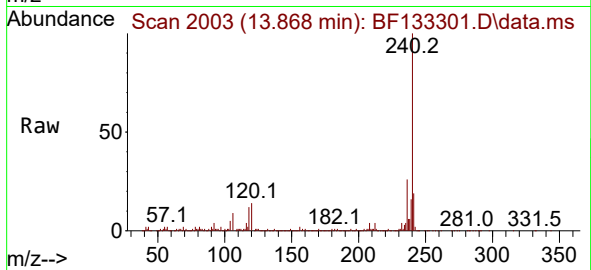




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

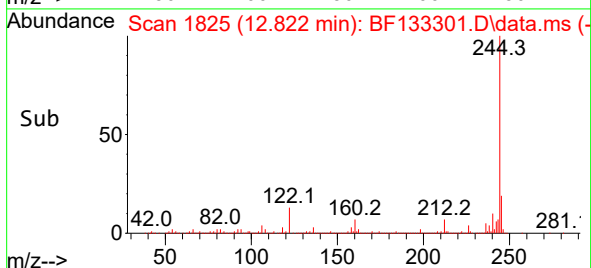
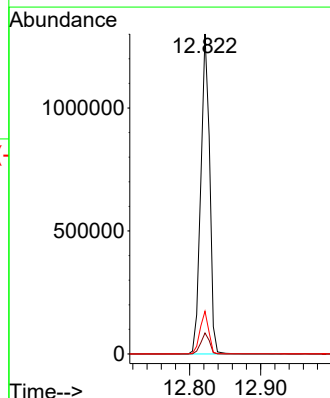
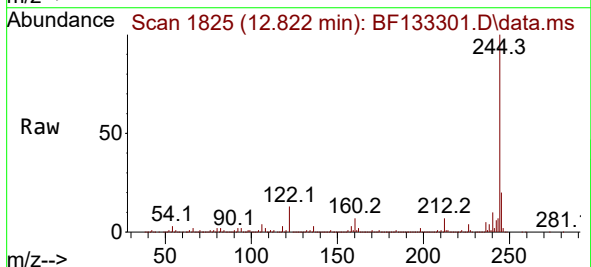
Instrument :
BNA_F
ClientSampleId :
LARGE-PAD

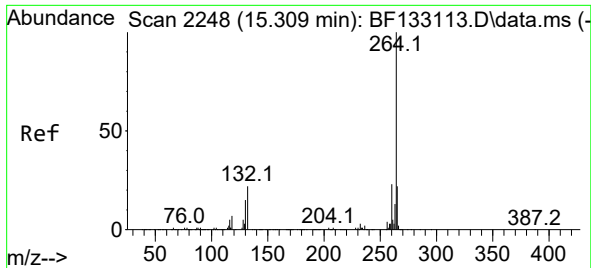
Tgt Ion:240 Resp: 314392
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 26.0 21.5 32.3



#79
Terphenyl-d14
Concen: 61.979 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF133301.D
Acq: 08 May 2023 18:35

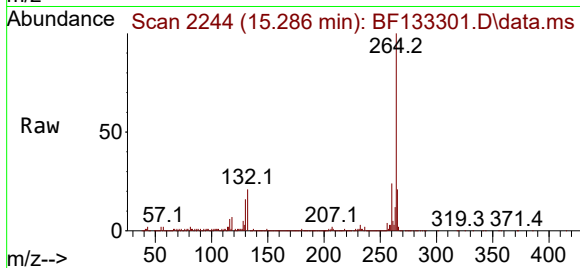
Tgt Ion:244 Resp: 1129827
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 13.3 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133301.D
 Acq: 08 May 2023 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LARGE-PAD



Tgt Ion:	264	Resp:	387094
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.2	17.0	25.4

