

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133001.D
 Acq On : 24 Apr 2023 18:17
 Operator : CG\JU
 Sample : PB152346TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152297BL

Quant Time: Apr 25 02:10:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

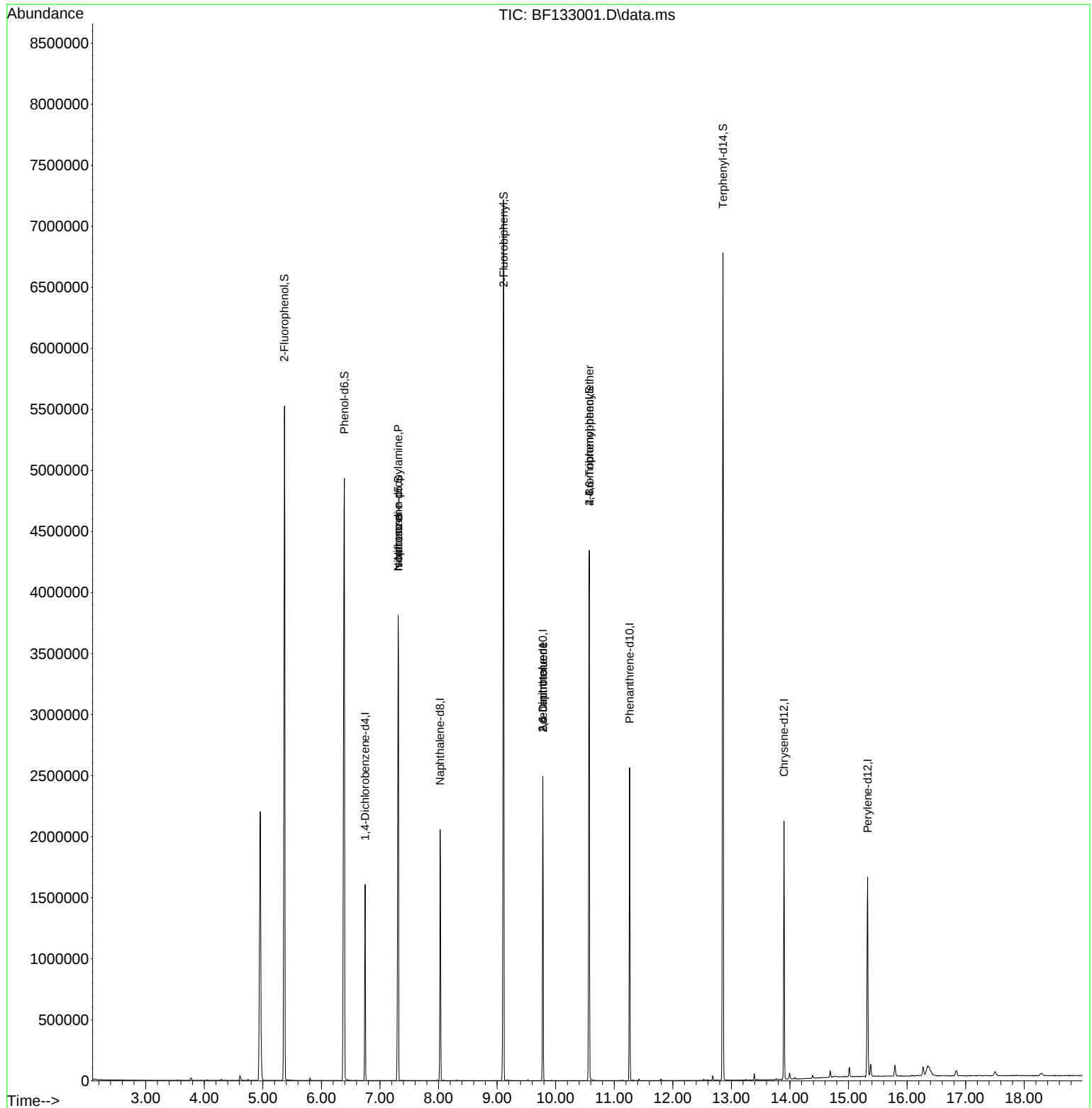
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	204972	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	864478	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	453981	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	843763	20.000	ng	0.00
76) Chrysene-d12	13.898	240	632480	20.000	ng	-0.01
86) Perylene-d12	15.327	264	654537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1842655	135.801	ng	0.02
7) Phenol-d6	6.393	99	2140755	127.110	ng	0.00
23) Nitrobenzene-d5	7.310	82	1394621	87.078	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	607030	132.956	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2296032	84.613	ng	0.00
79) Terphenyl-d14	12.857	244	2779450	75.791	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.393	77	3281	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.310	70	186994	17.835	ng	# 79
25) Isophorone	7.310	82	1392491	45.793	ng	# 63
51) 2,6-Dinitrotoluene	9.781	165	57874	8.123	ng	# 25
57) 2,4-Dinitrotoluene	9.781	165	57874	6.370	ng	# 24
67) 4-Bromophenyl-phenylether	10.575	248	36675	4.008	ng	# 1

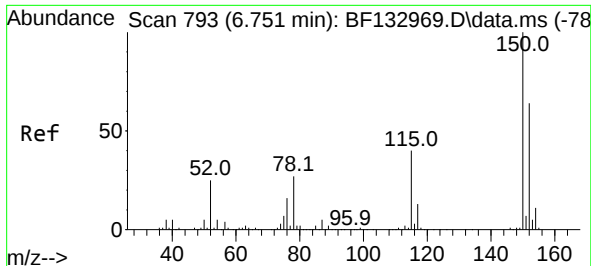
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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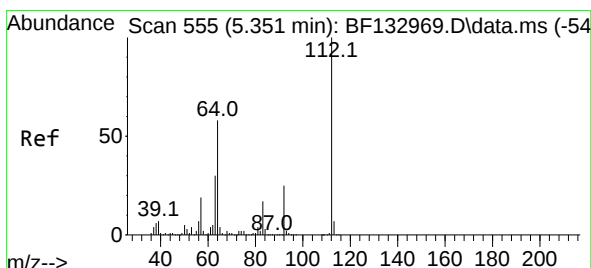
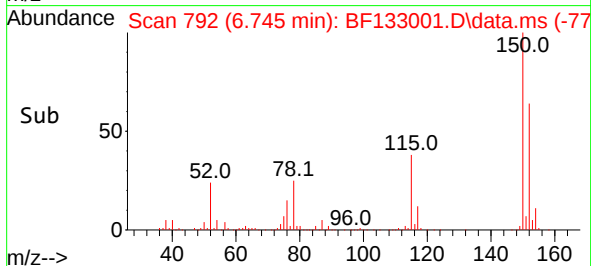
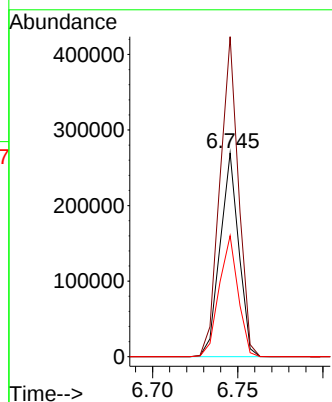
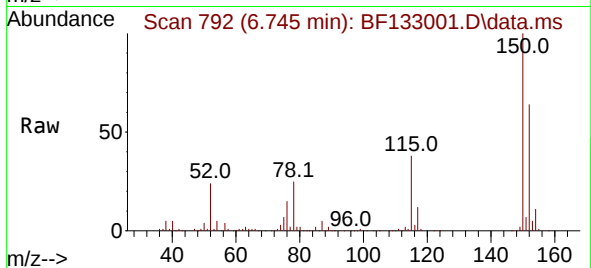




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

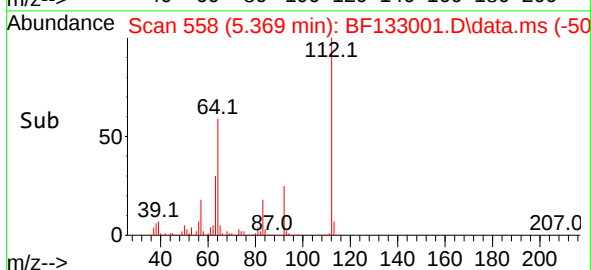
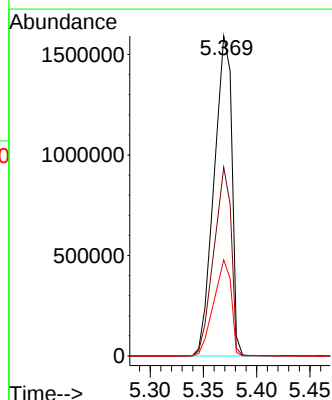
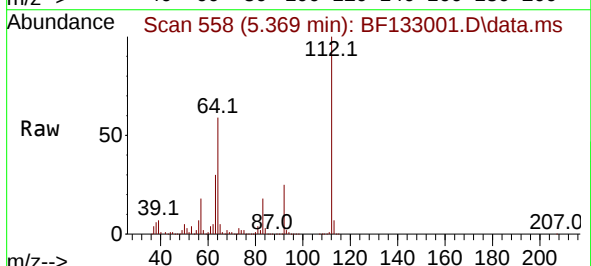
Instrument :
BNA_F
ClientSampleId :
PB152297BL

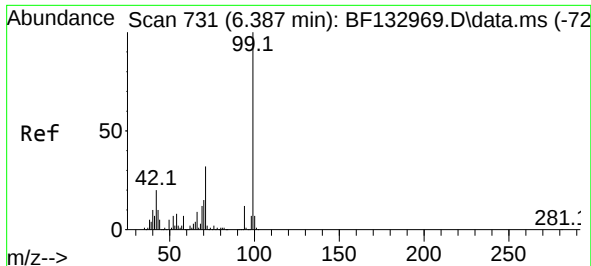
Tgt Ion:152 Resp: 204972
Ion Ratio Lower Upper
152 100
150 157.1 124.8 187.2
115 59.4 49.9 74.9



#5
2-Fluorophenol
Concen: 135.801 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.018 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

Tgt Ion:112 Resp: 1842655
Ion Ratio Lower Upper
112 100
64 58.9 46.8 70.2
63 30.1 23.8 35.8

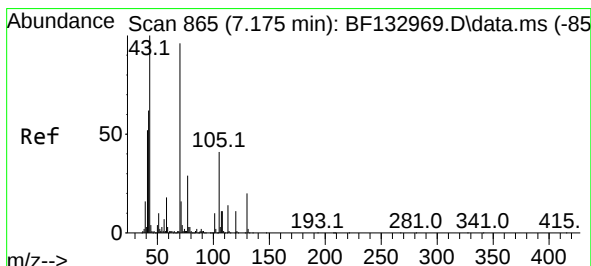
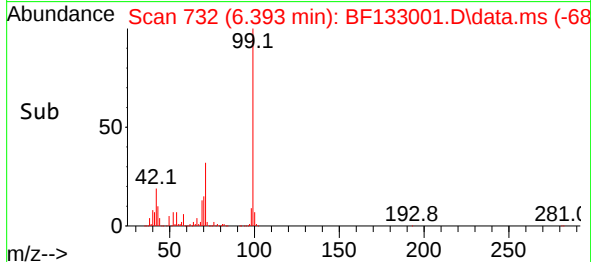
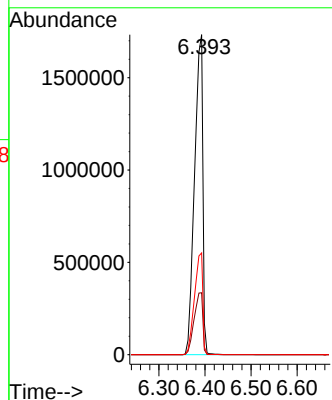
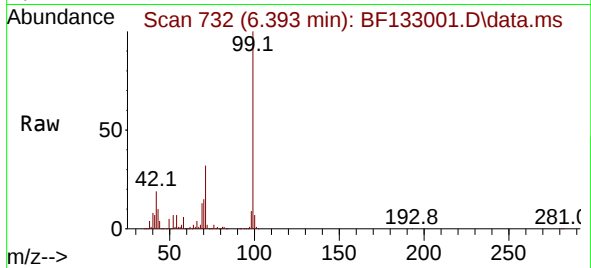




#7
Phenol-d6
Concen: 127.110 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

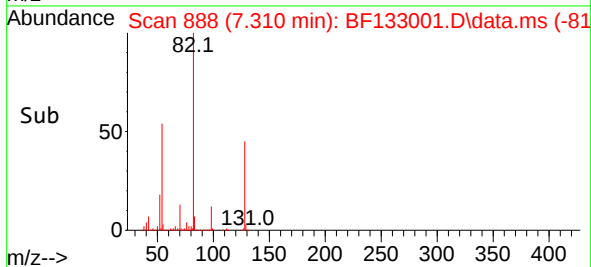
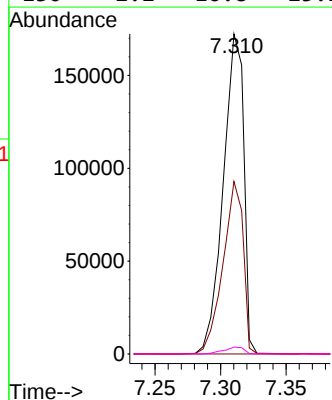
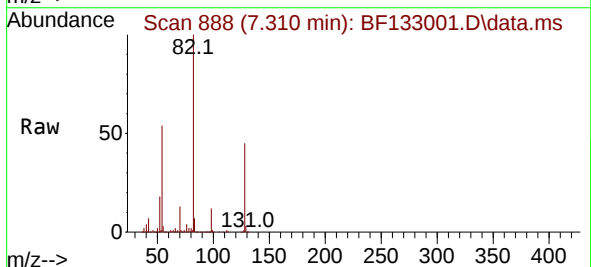
Instrument :
BNA_F
ClientSampleId :
PB152297BL

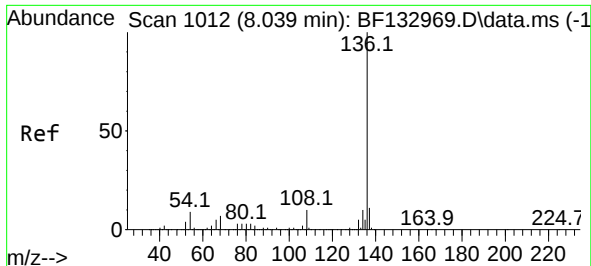
Tgt Ion: 99 Resp: 2140755
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.835 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

Tgt Ion: 70 Resp: 186994
Ion Ratio Lower Upper
70 100
42 53.9 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

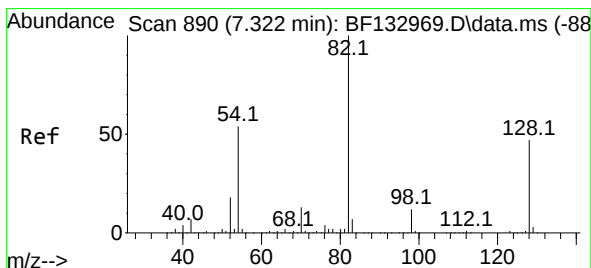
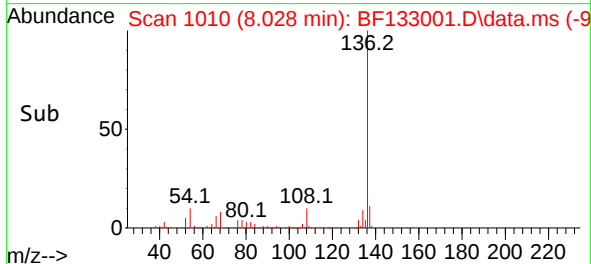
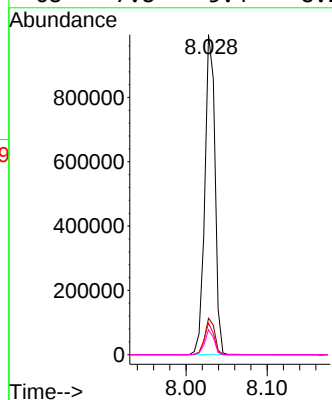
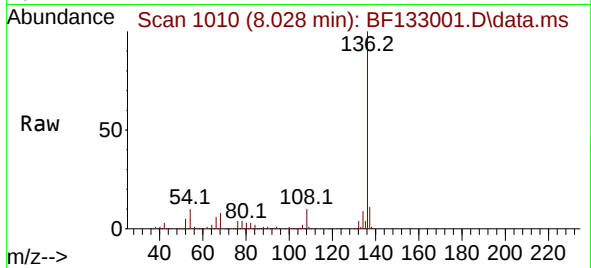




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

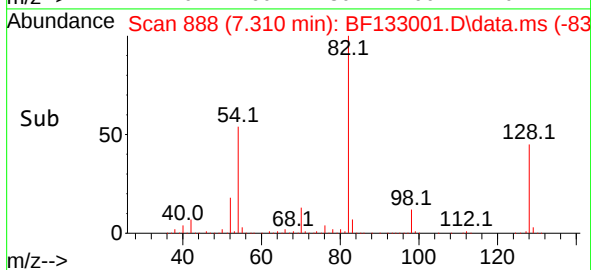
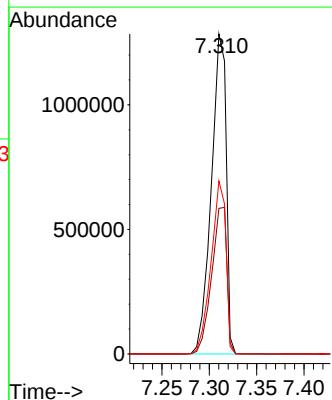
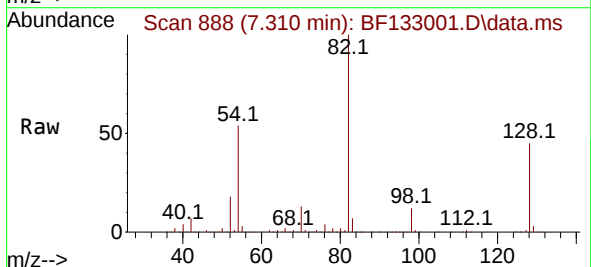
Instrument :
BNA_F
ClientSampleId :
PB152297BL

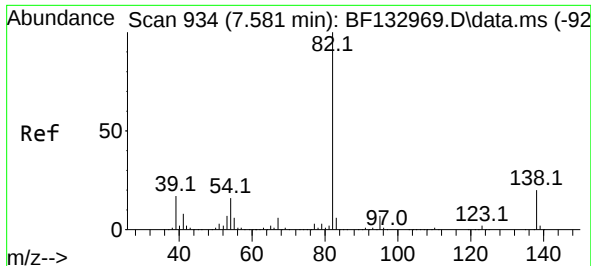
Tgt Ion:136 Resp: 864478
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.9 7.0 10.4
68 7.8 5.4 8.2



#23
Nitrobenzene-d5
Concen: 87.078 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

Tgt Ion: 82 Resp: 1394621
Ion Ratio Lower Upper
82 100
128 45.5 37.7 56.5
54 54.1 43.0 64.4

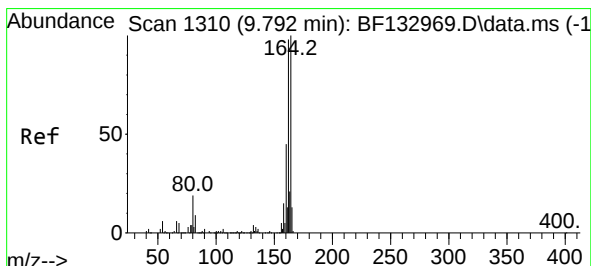
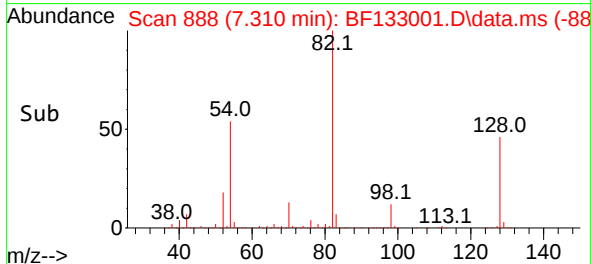
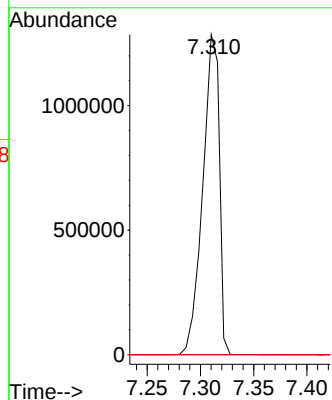
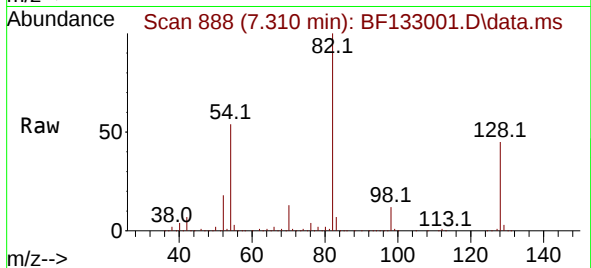




#25
Isophorone
Concen: 45.793 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

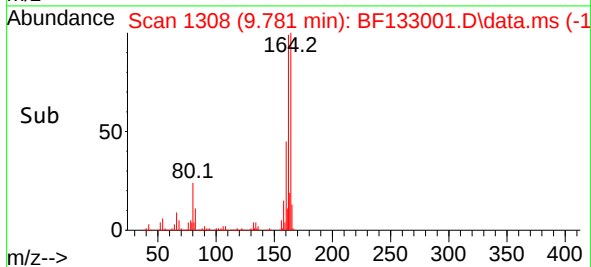
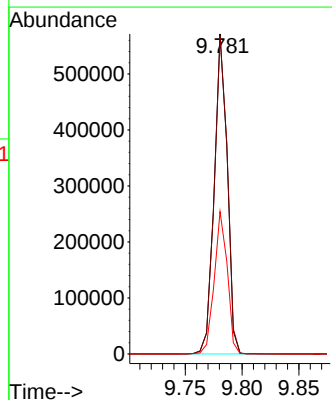
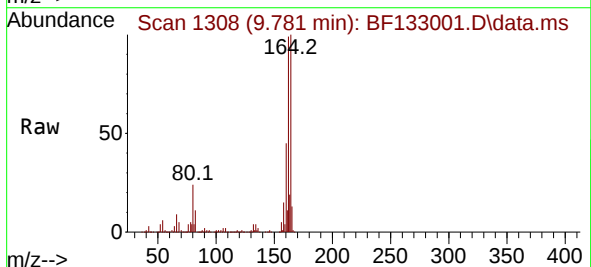
Instrument :
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ClientSampleId :
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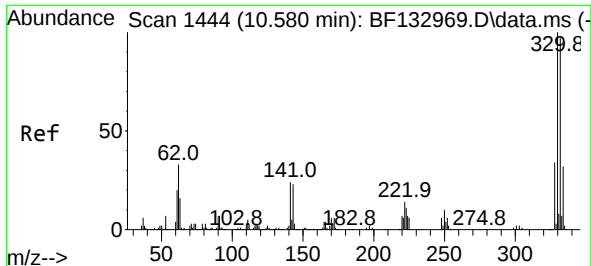
Tgt Ion: 82 Resp: 1392491
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

Tgt Ion:164 Resp: 453981
Ion Ratio Lower Upper
164 100
162 99.5 78.7 118.1
160 44.5 35.8 53.6

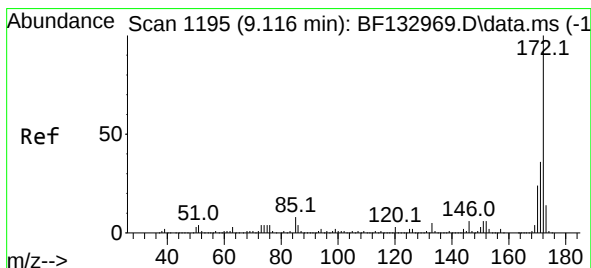
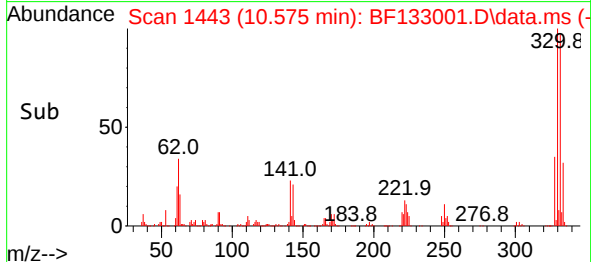
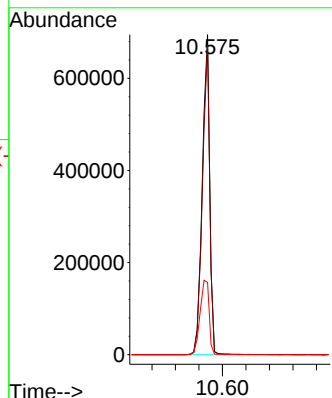
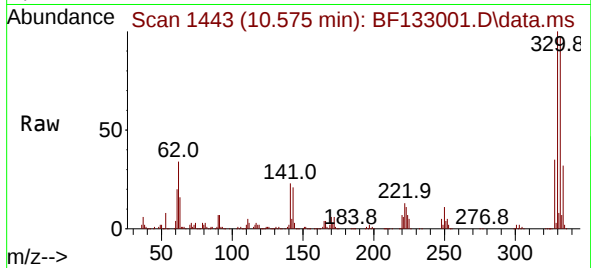




#42
2,4,6-Tribromophenol
Concen: 132.956 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

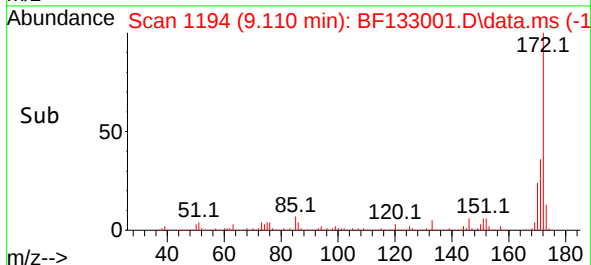
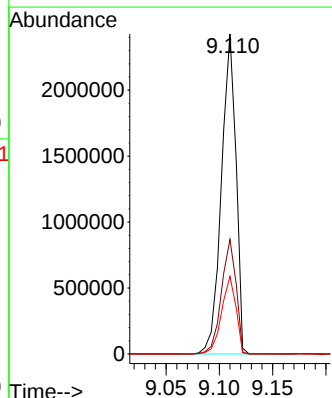
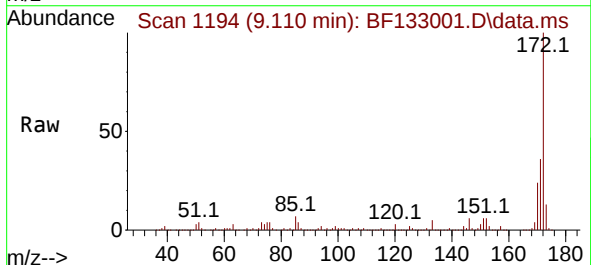
Instrument :
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ClientSampleId :
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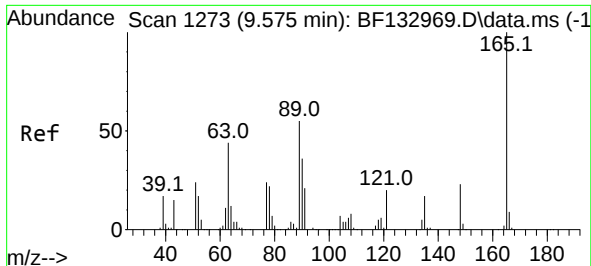
Tgt Ion:330 Resp: 607030
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 28.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 84.613 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

Tgt Ion:172 Resp: 2296032
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.3 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.123 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133001.D

Acq: 24 Apr 2023 18:17

Instrument :

BNA_F

ClientSampleId :

PB152297BL

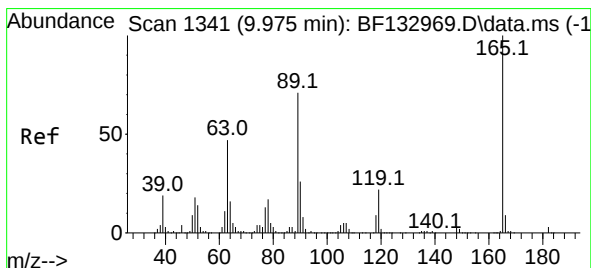
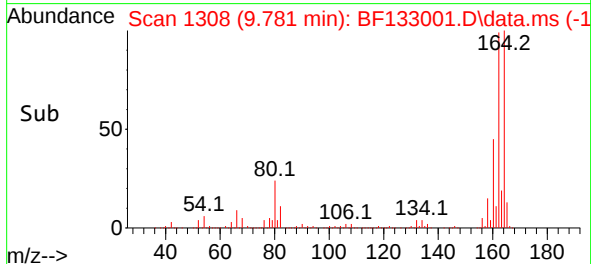
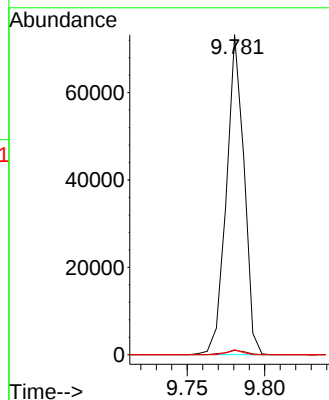
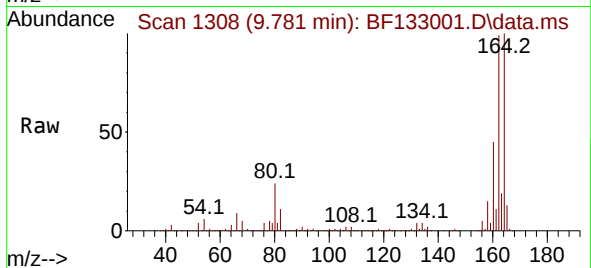
Tgt Ion:165 Resp: 57874

Ion Ratio Lower Upper

165 100

63 1.3 45.9 68.9#

89 1.6 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.370 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.194 min

Lab File: BF133001.D

Acq: 24 Apr 2023 18:17

Tgt Ion:165 Resp: 57874

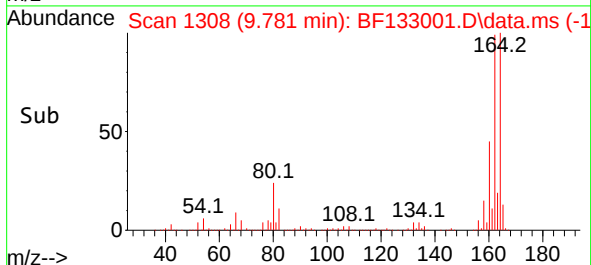
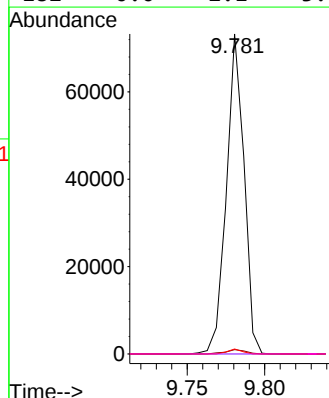
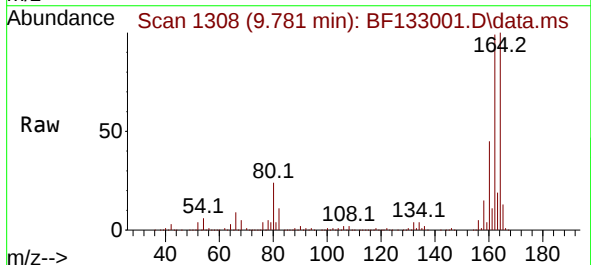
Ion Ratio Lower Upper

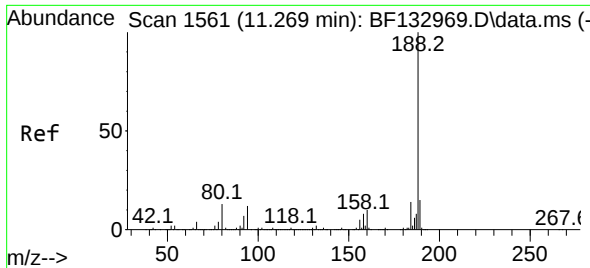
165 100

63 1.3 37.7 56.5#

89 1.6 57.0 85.4#

182 0.0 2.1 3.1#

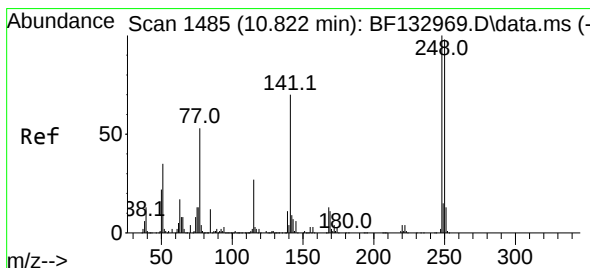
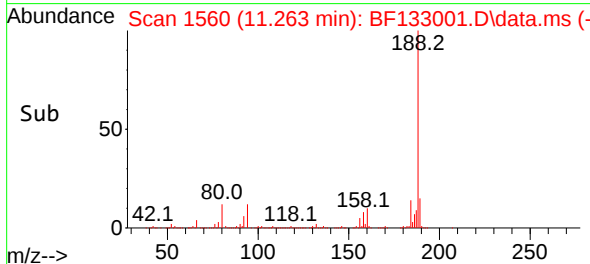
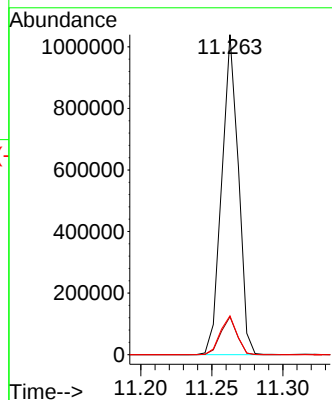
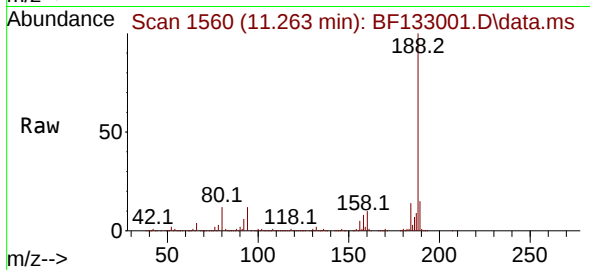




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

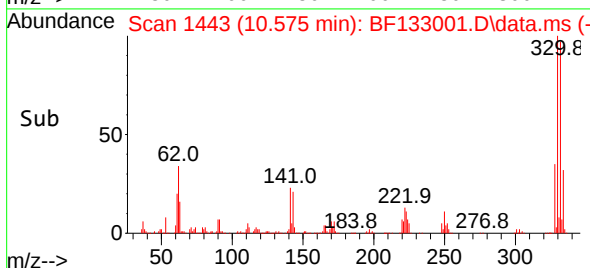
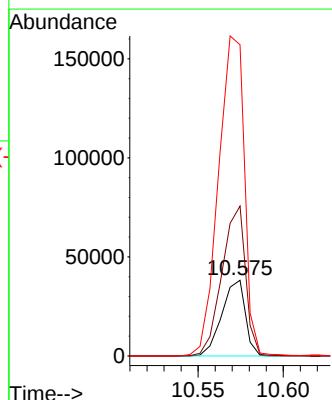
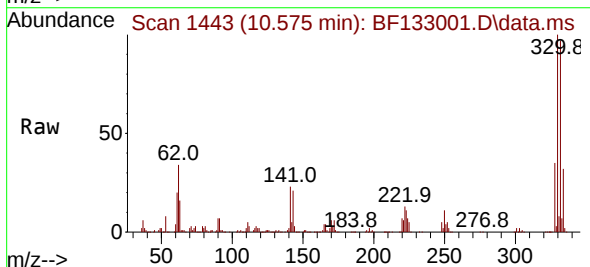
Instrument :
BNA_F
ClientSampleId :
PB152297BL

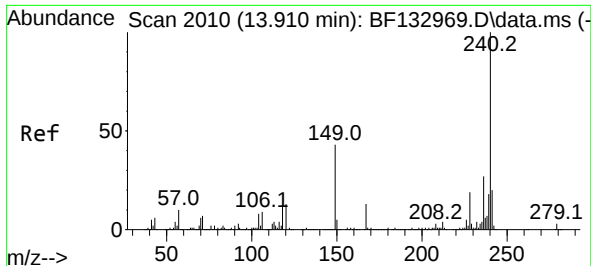
Tgt Ion:188 Resp: 843763
Ion Ratio Lower Upper
188 100
94 11.9 9.7 14.5
80 12.2 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 4.008 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

Tgt Ion:248 Resp: 36675
Ion Ratio Lower Upper
248 100
250 198.2 78.7 118.1#
141 411.6 56.3 84.5#

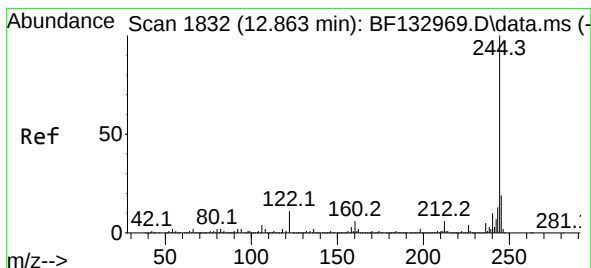
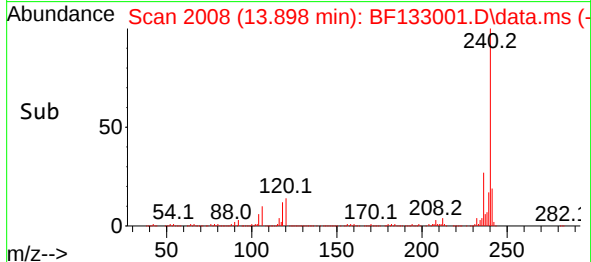
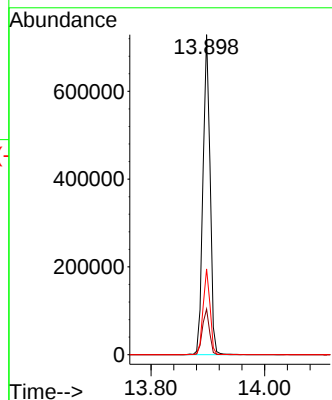
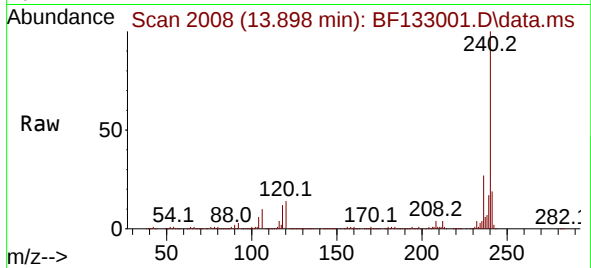




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

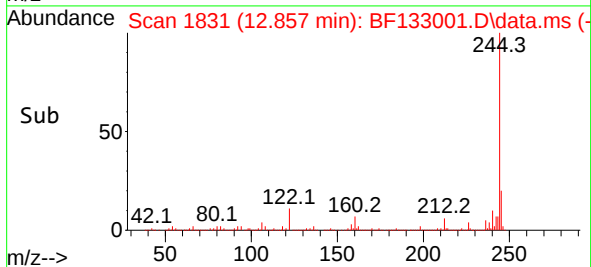
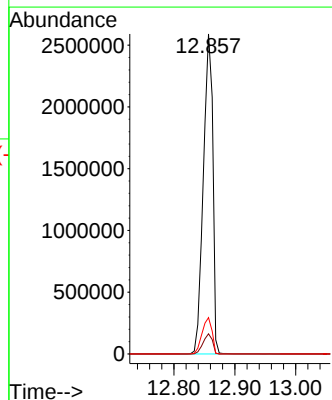
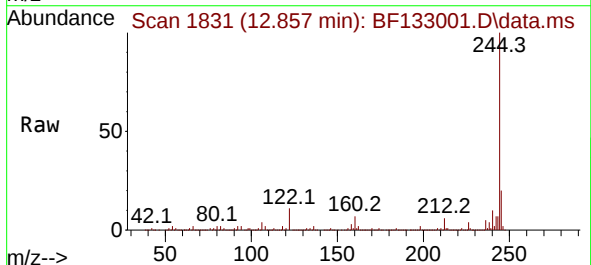
Instrument :
BNA_F
ClientSampleId :
PB152297BL

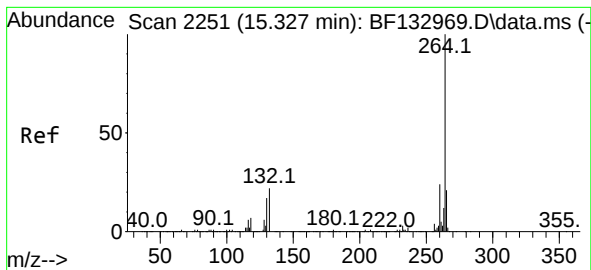
Tgt Ion:240 Resp: 632480
Ion Ratio Lower Upper
240 100
120 14.3 10.5 15.7
236 26.8 21.5 32.3



#79
Terphenyl-d14
Concen: 75.791 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF133001.D
Acq: 24 Apr 2023 18:17

Tgt Ion:244 Resp: 2779450
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 11.4 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133001.D

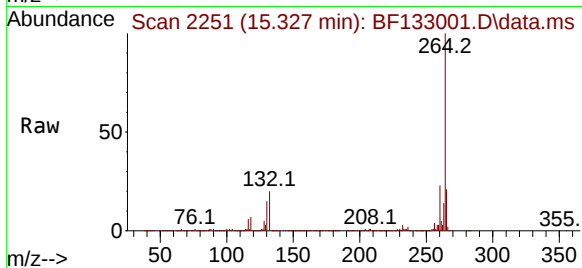
Acq: 24 Apr 2023 18:17

Instrument :

BNA_F

ClientSampleId :

PB152297BL



Tgt Ion:264 Resp: 654537

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.4 17.0 25.4

