

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128331.D
 Acq On : 19 May 2022 12:33
 Operator : CG\JU
 Sample : PB144919BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144919BL

Quant Time: May 19 16:49:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

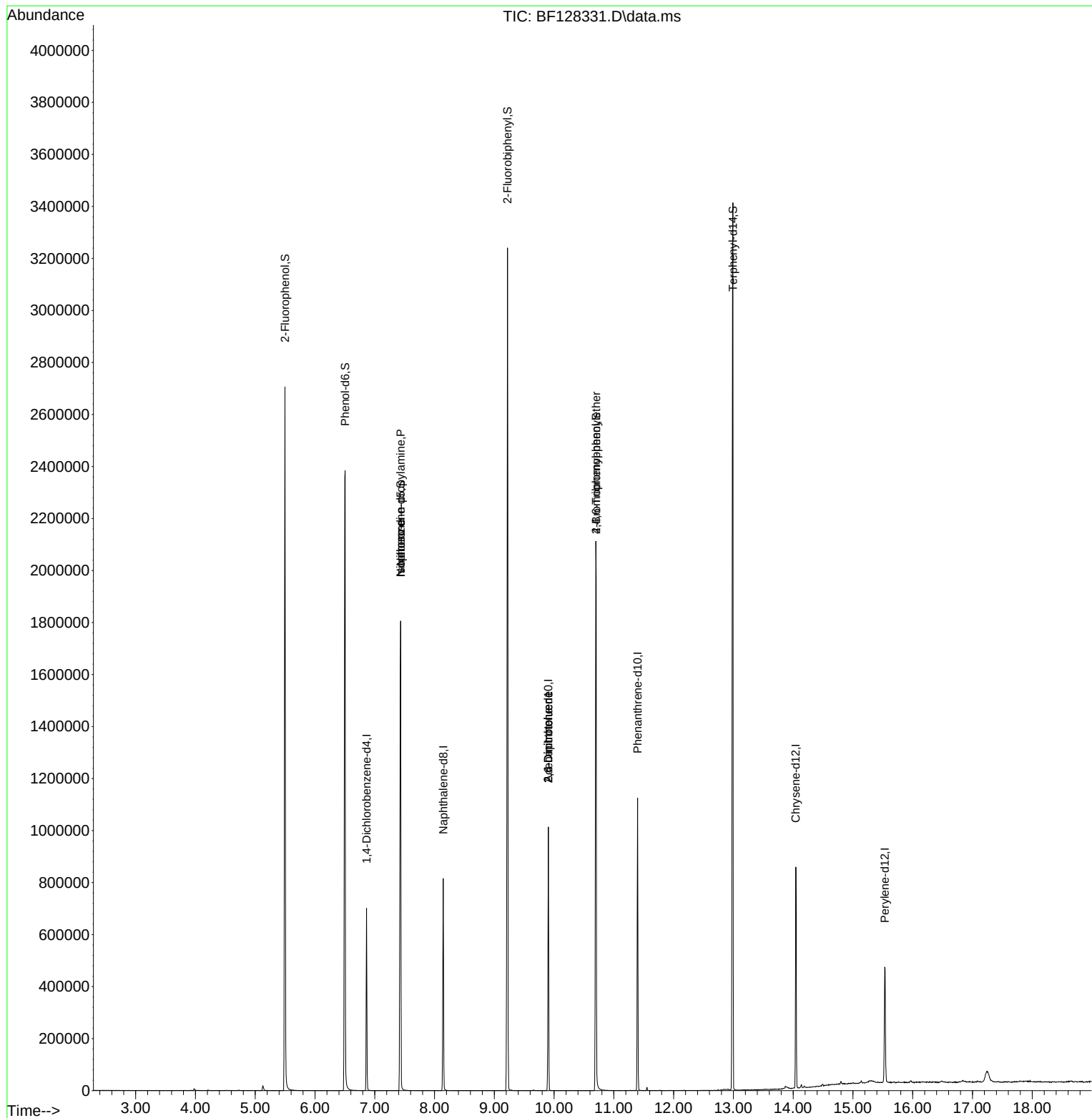
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90716	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	356240	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	206284	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	392258	20.000	ng	0.00
76) Chrysene-d12	14.045	240	287451	20.000	ng	-0.01
86) Perylene-d12	15.533	264	206774	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	679805	119.461	ng	0.00
7) Phenol-d6	6.504	99	883207	117.343	ng	0.00
23) Nitrobenzene-d5	7.434	82	676069	85.394	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	268647	113.553	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1094002	82.982	ng	-0.01
79) Terphenyl-d14	12.992	244	1333112	87.023	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1567	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	91455	19.731	ng	# 78
25) Isophorone	7.434	82	676062	54.468	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	27117	9.286	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	27117	6.945	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	16087	3.812	ng	# 1

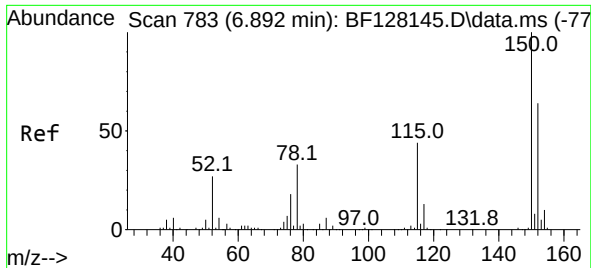
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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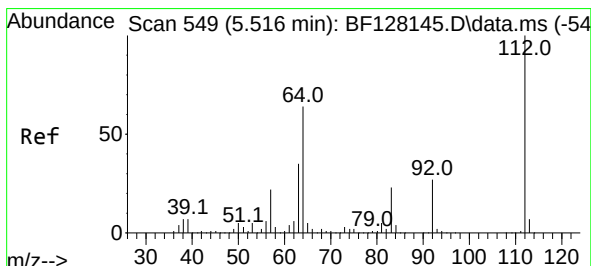
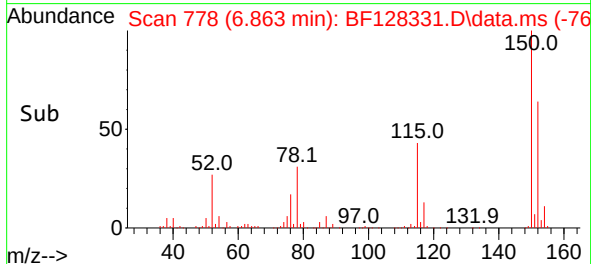
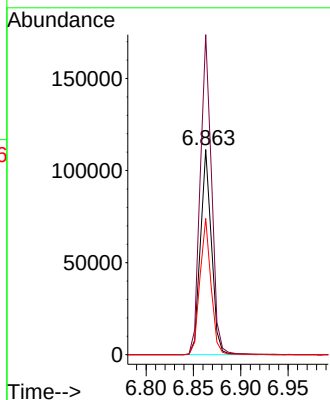
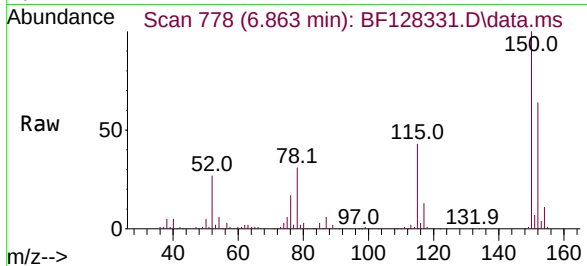




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

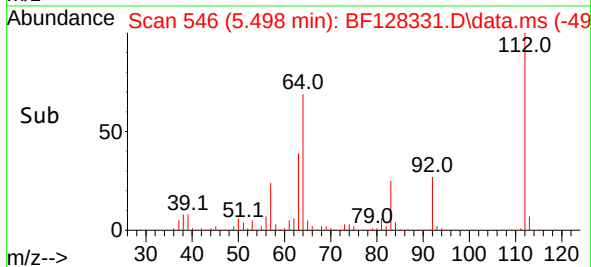
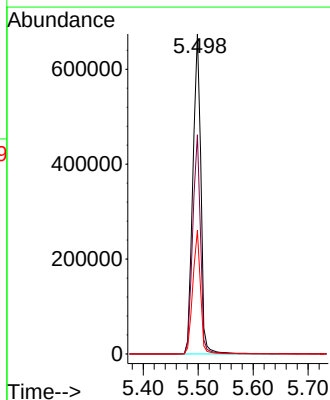
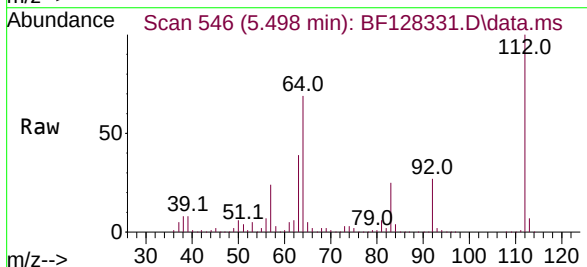
Instrument :
BNA_F
ClientSampleId :
PB144919BL

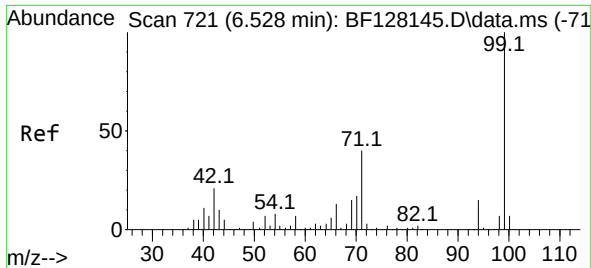
Tgt Ion:152 Resp: 90716
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 66.4 48.8 73.2



#5
2-Fluorophenol
Concen: 119.461 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

Tgt Ion:112 Resp: 679805
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 38.6 26.3 39.5

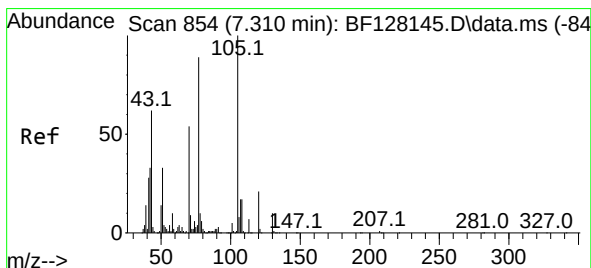
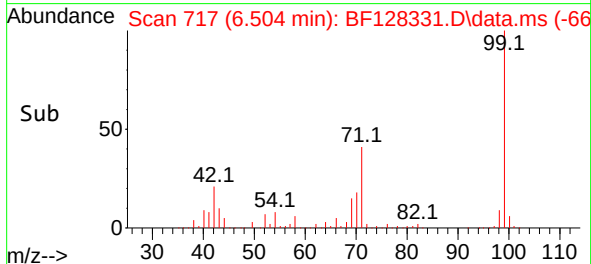
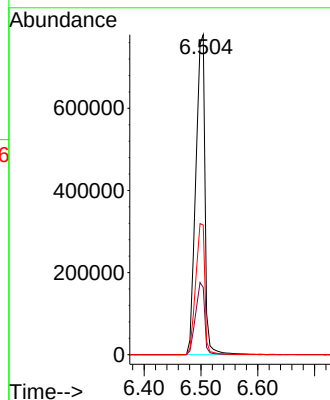
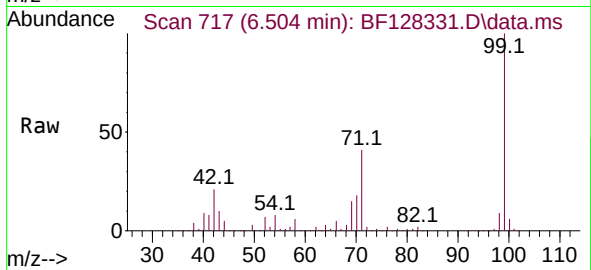




#7
Phenol-d6
Concen: 117.343 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

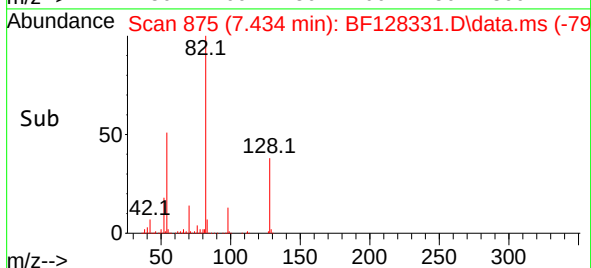
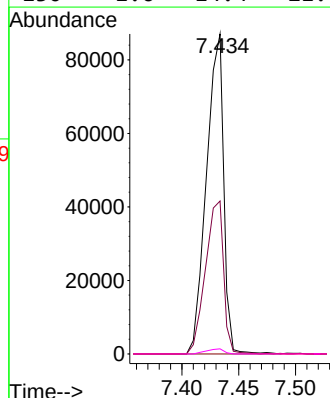
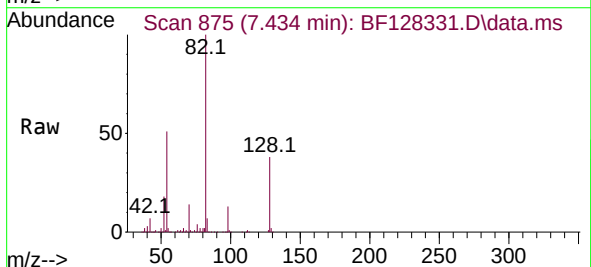
Instrument :
BNA_F
ClientSampleId :
PB144919BL

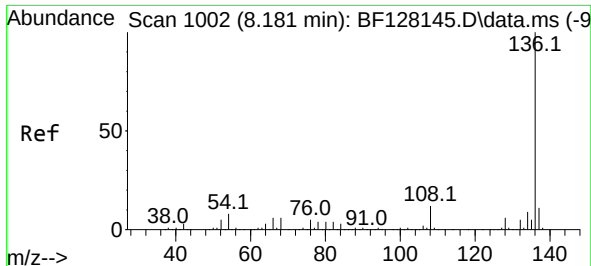
Tgt Ion: 99 Resp: 883207
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 40.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.731 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

Tgt Ion: 70 Resp: 91455
Ion Ratio Lower Upper
70 100
42 47.8 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

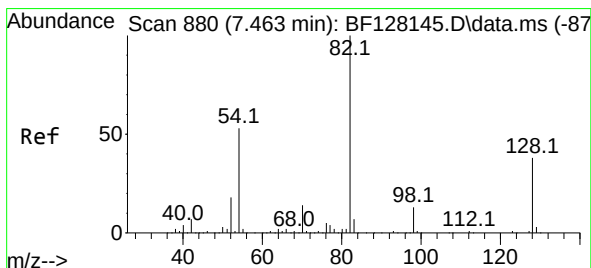
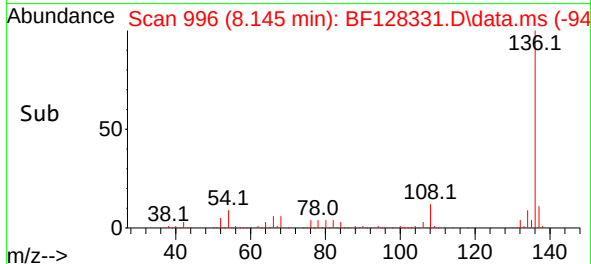
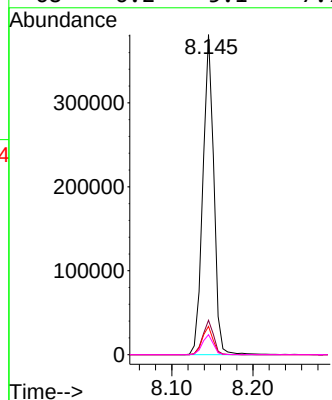
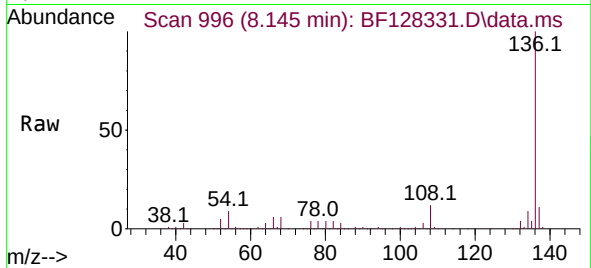




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

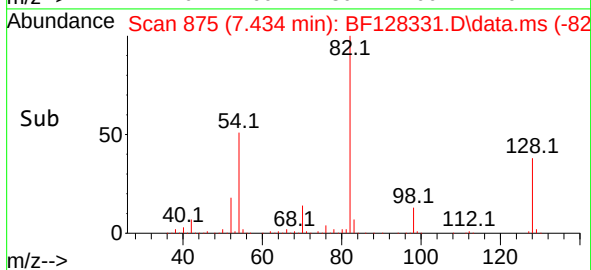
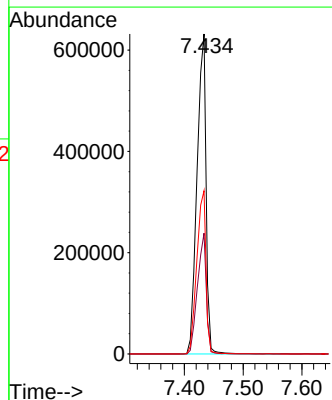
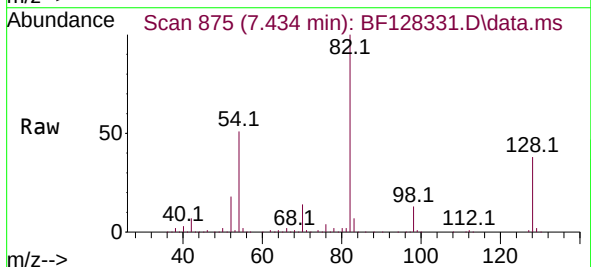
Instrument :
BNA_F
ClientSampleId :
PB144919BL

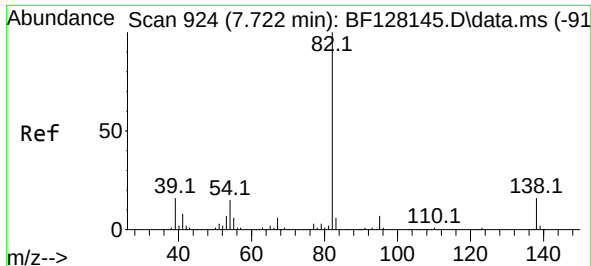
Tgt Ion:136 Resp: 356240
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 6.8 10.2
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 85.394 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

Tgt Ion: 82 Resp: 676069
Ion Ratio Lower Upper
82 100
128 37.7 30.0 45.0
54 51.0 41.3 61.9

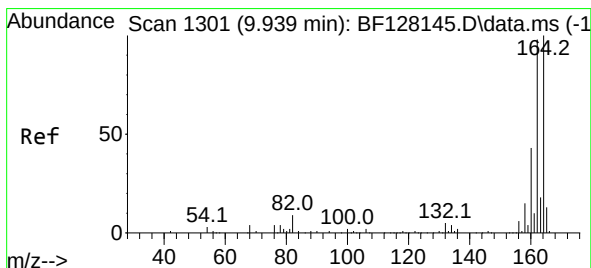
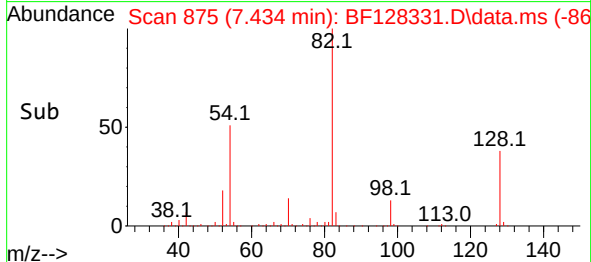
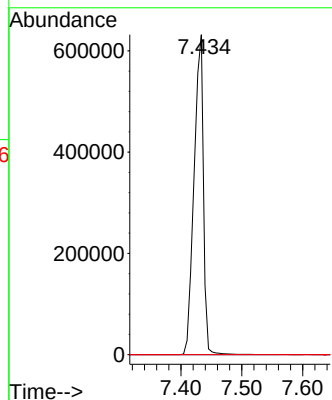
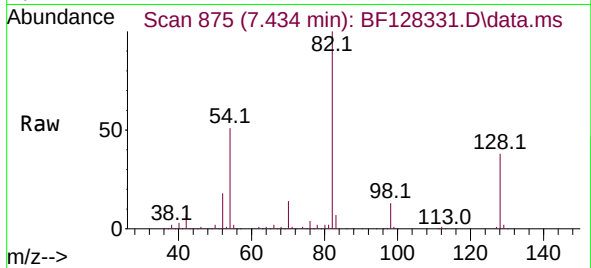




#25
Isophorone
Concen: 54.468 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

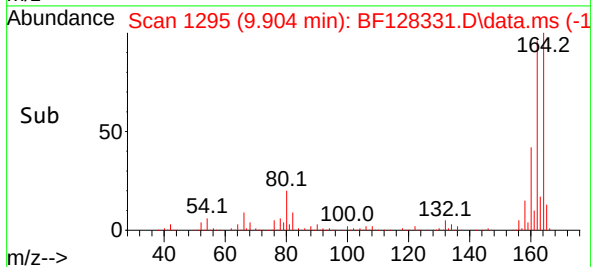
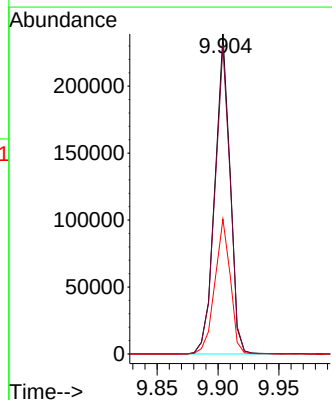
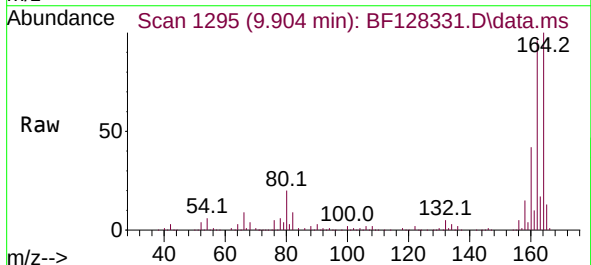
Instrument :
BNA_F
ClientSampleId :
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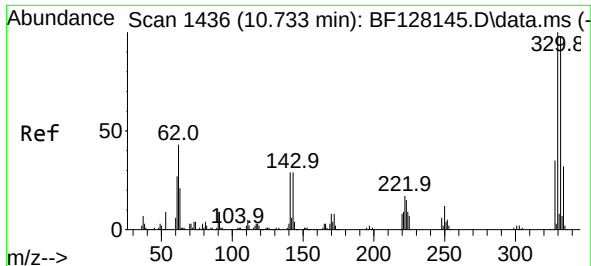
Tgt Ion: 82 Resp: 676062
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

Tgt Ion: 164 Resp: 206284
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 42.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 113.553 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128331.D

Acq: 19 May 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB144919BL

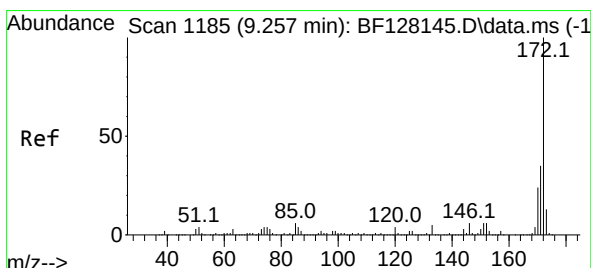
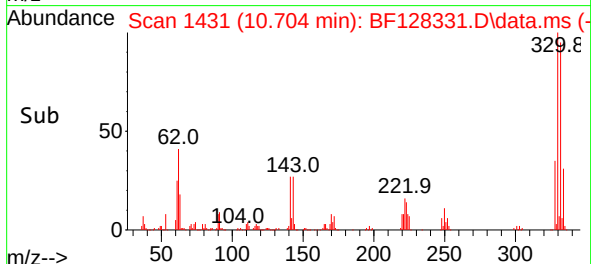
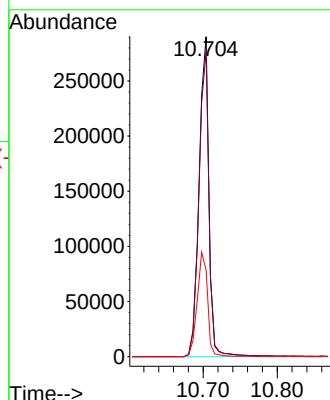
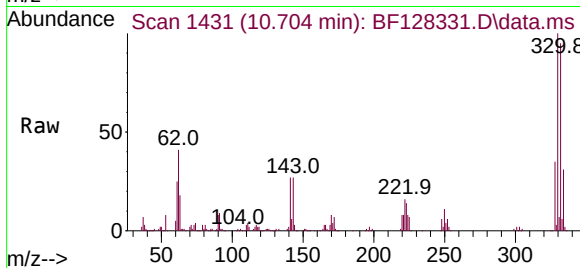
Tgt Ion:330 Resp: 268647

Ion Ratio Lower Upper

330 100

332 97.4 79.0 118.4

141 34.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 82.982 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128331.D

Acq: 19 May 2022 12:33

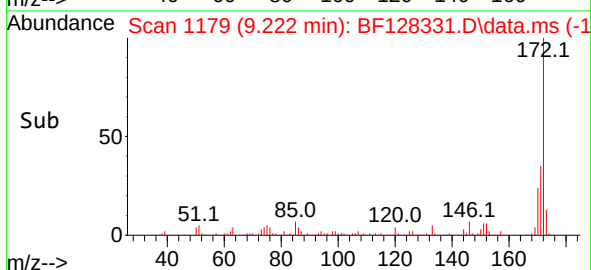
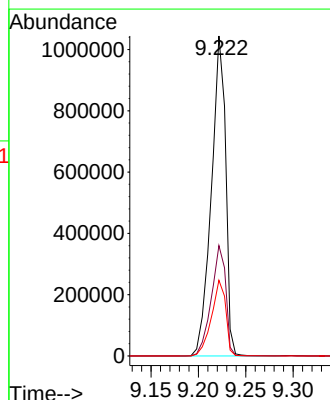
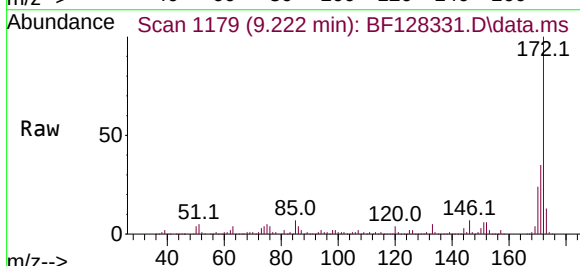
Tgt Ion:172 Resp: 1094002

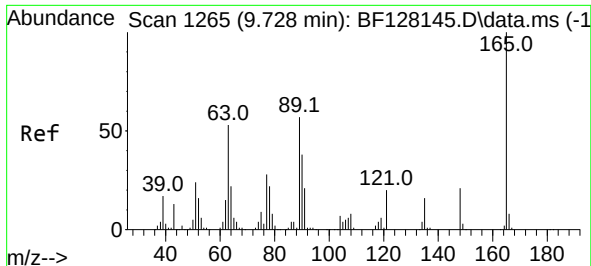
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.7 19.1 28.7

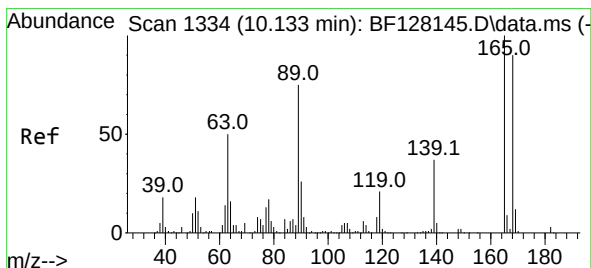
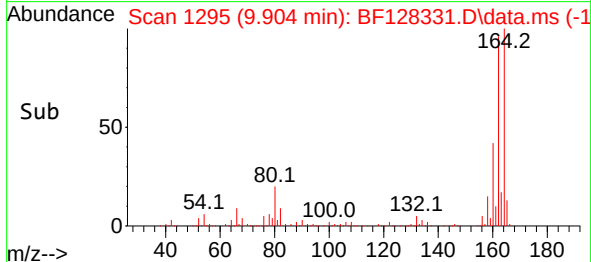
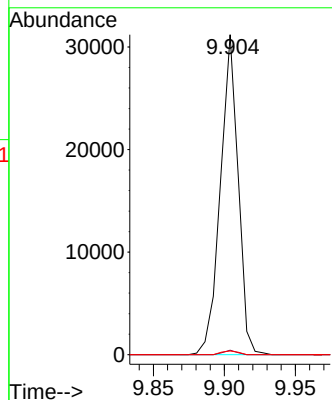
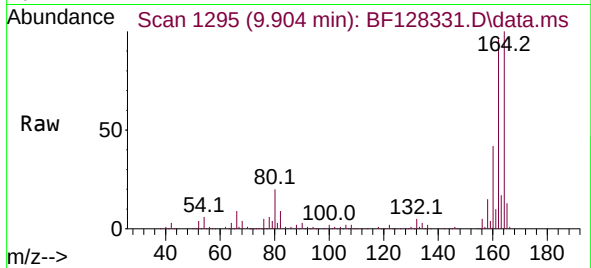




#51
2,6-Dinitrotoluene
Concen: 9.286 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

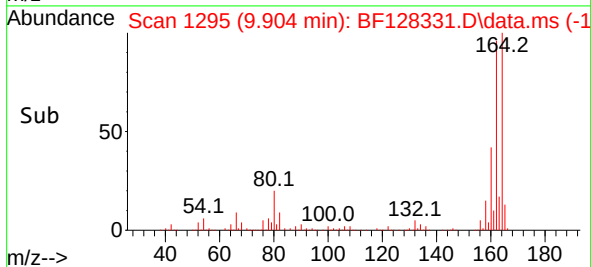
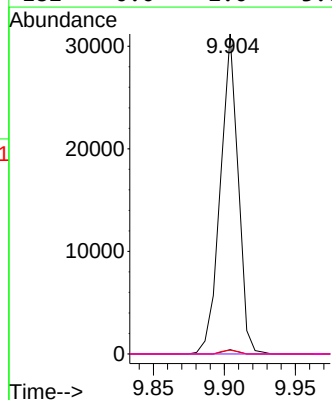
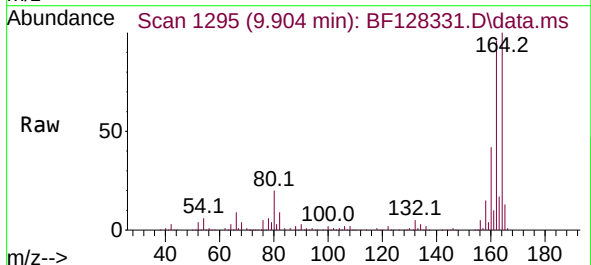
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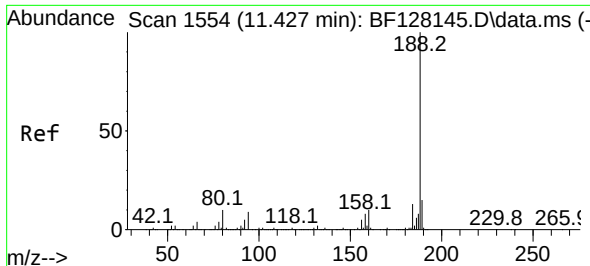
Tgt Ion:165 Resp: 27117
Ion Ratio Lower Upper
165 100
63 1.4 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.945 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.212 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

Tgt Ion:165 Resp: 27117
Ion Ratio Lower Upper
165 100
63 1.4 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

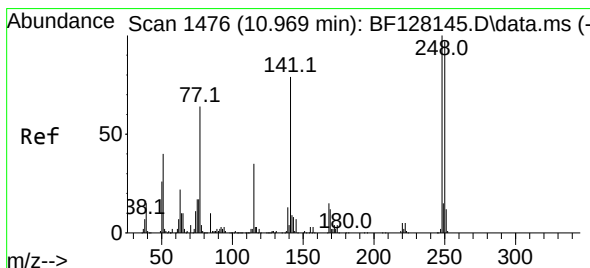
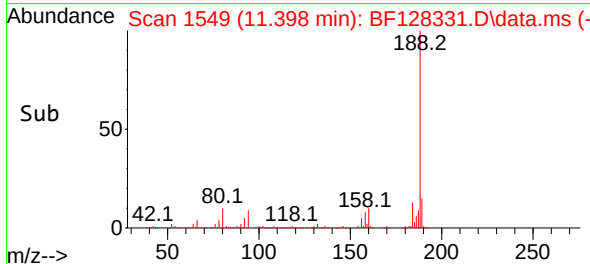
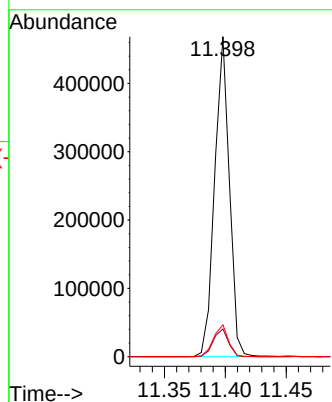
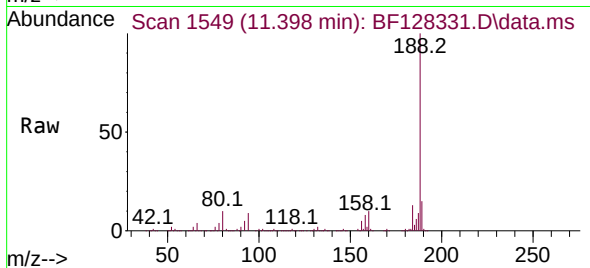




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

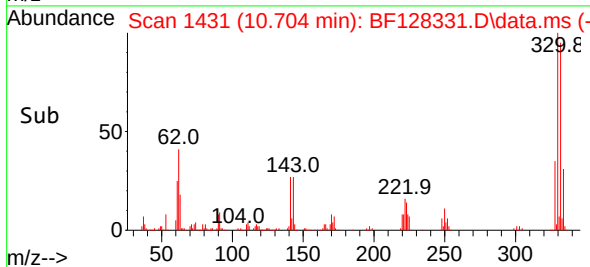
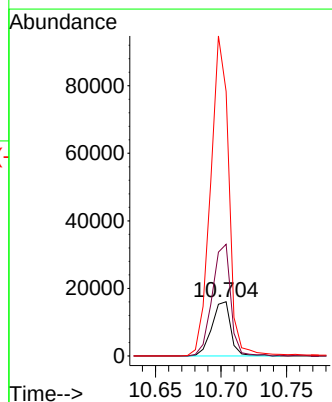
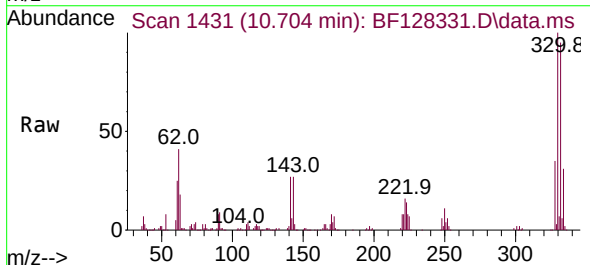
Instrument :
BNA_F
ClientSampleId :
PB144919BL

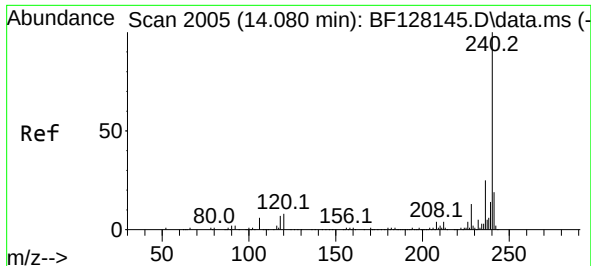
Tgt Ion:188 Resp: 392258
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.812 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

Tgt Ion:248 Resp: 16087
Ion Ratio Lower Upper
248 100
250 206.1 77.7 116.5#
141 488.1 65.6 98.4#

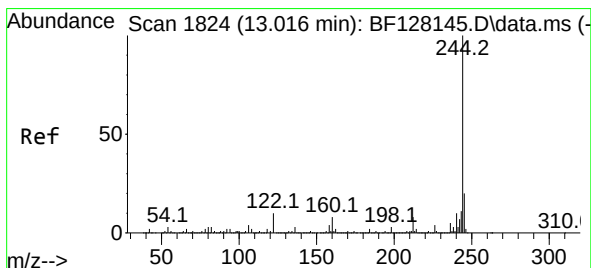
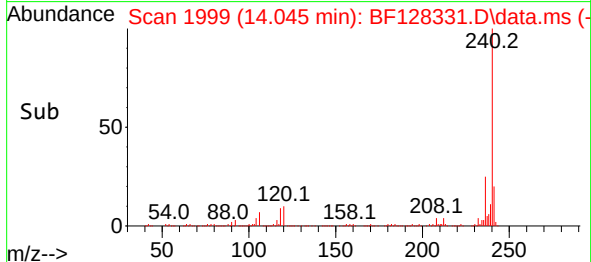
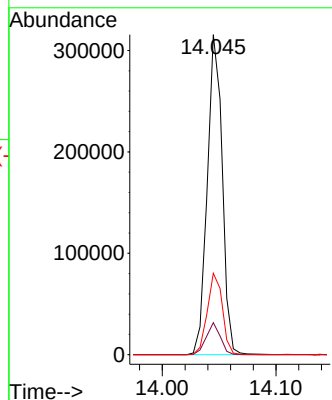
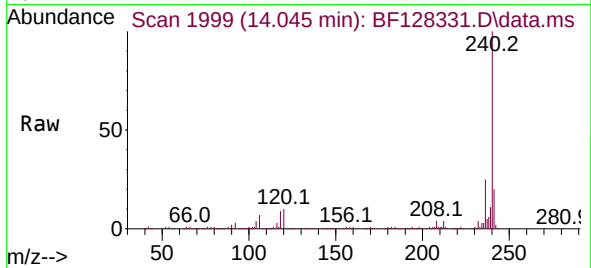




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

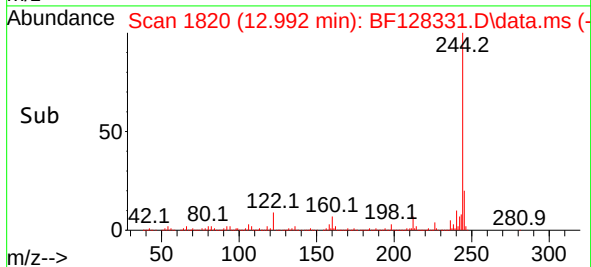
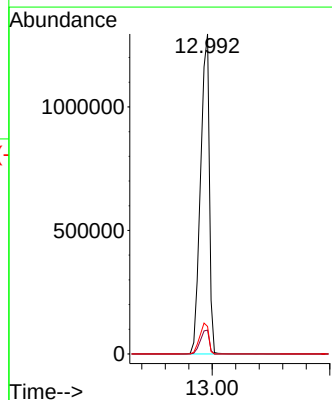
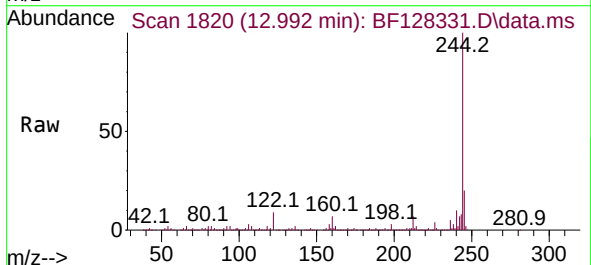
Instrument :
BNA_F
ClientSampleId :
PB144919BL

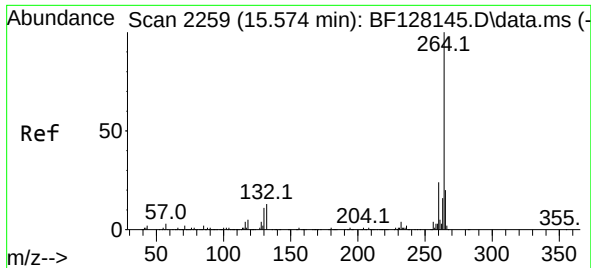
Tgt Ion:240 Resp: 287451
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 87.023 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BF128331.D
Acq: 19 May 2022 12:33

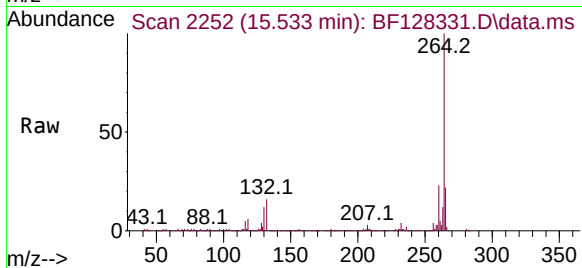
Tgt Ion:244 Resp: 1333112
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 8.6 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128331.D
 Acq: 19 May 2022 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB144919BL



Tgt Ion:264 Resp: 206774
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 22.3 17.5 26.3

