

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128336.D
 Acq On : 19 May 2022 14:58
 Operator : CG\JU
 Sample : PB144922TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144922TB

Quant Time: May 19 16:52:13 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)

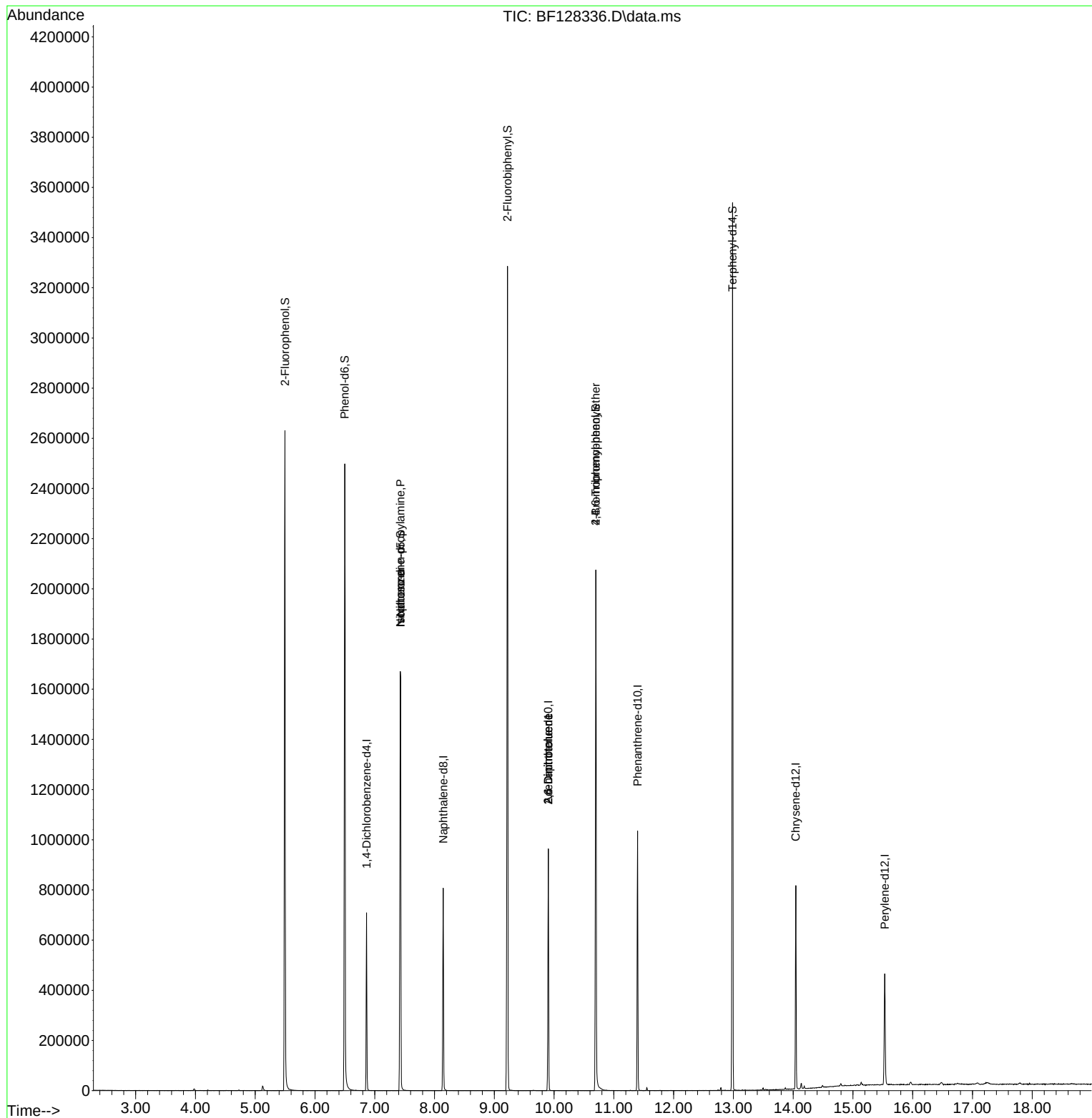
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90365	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	353109	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	197580	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	371510	20.000	ng	0.00
76) Chrysene-d12	14.045	240	264828	20.000	ng	-0.01
86) Perylene-d12	15.533	264	196336	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	656807	115.868	ng	0.00
7) Phenol-d6	6.498	99	901619	120.254	ng	-0.01
23) Nitrobenzene-d5	7.428	82	661130	84.248	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	252586	111.468	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1067974	84.576	ng	-0.01
79) Terphenyl-d14	12.986	244	1229304	87.101	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1552	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	89412	19.365	ng	# 80
25) Isophorone	7.428	82	661208	53.744	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	25325	9.055	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	25325	6.772	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	15182	3.798	ng	# 1

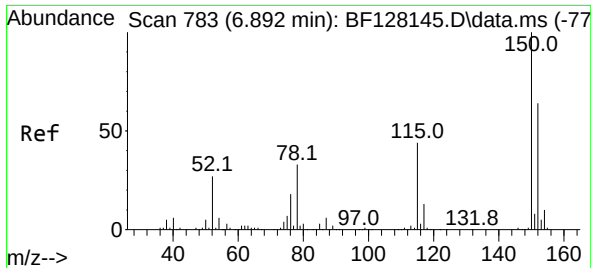
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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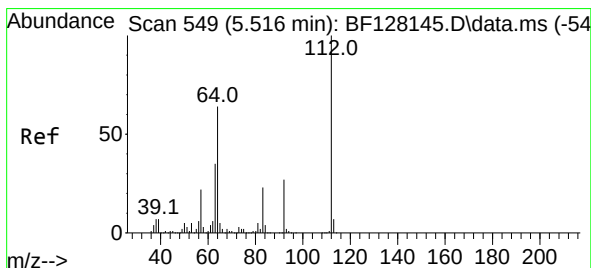
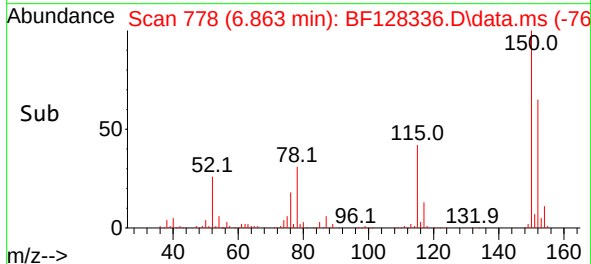
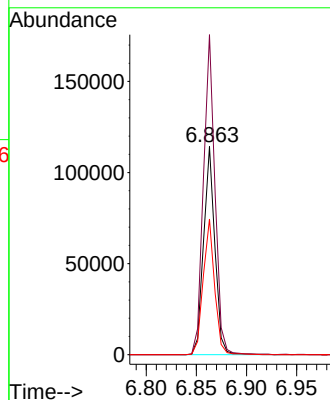
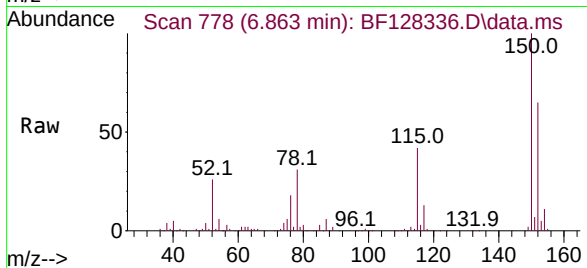




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128336.D
 Acq: 19 May 2022 14:58

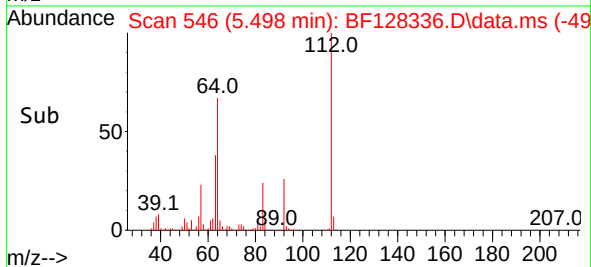
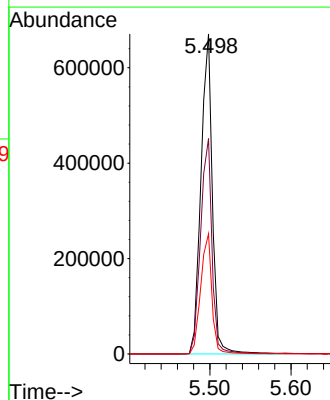
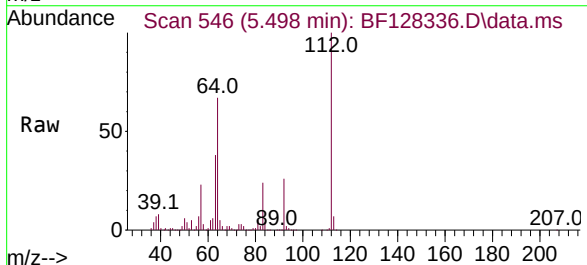
Instrument :
 BNA_F
 ClientSampleId :
 PB144922TB

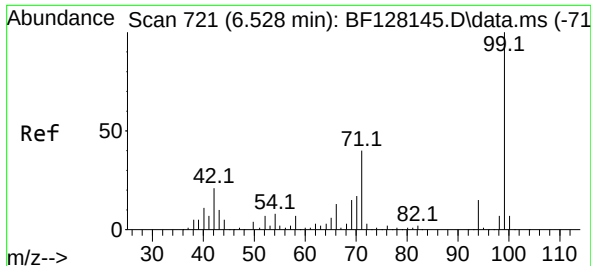
Tgt Ion:152 Resp: 90365
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.3 187.9
 115 65.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 115.868 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF128336.D
 Acq: 19 May 2022 14:58

Tgt Ion:112 Resp: 656807
 Ion Ratio Lower Upper
 112 100
 64 67.3 49.5 74.3
 63 37.6 26.3 39.5

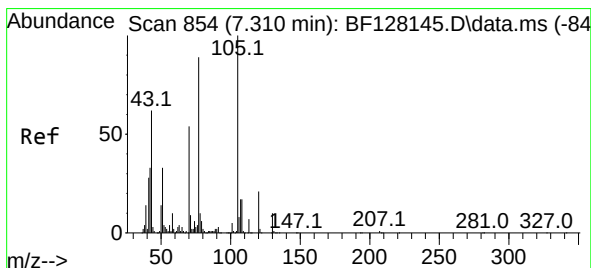
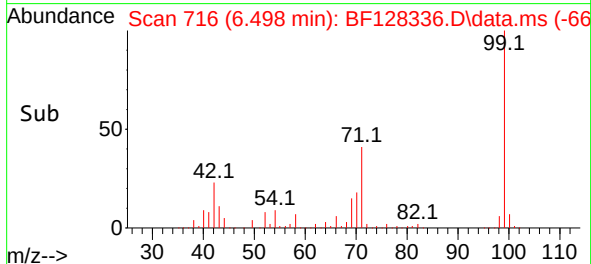
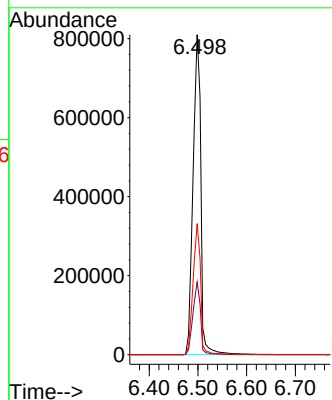
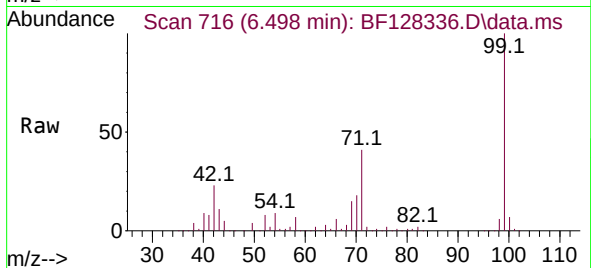




#7
Phenol-d6
Concen: 120.254 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128336.D
Acq: 19 May 2022 14:58

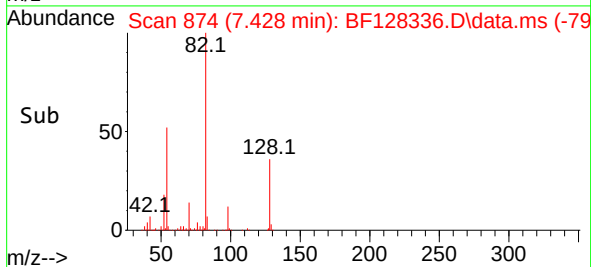
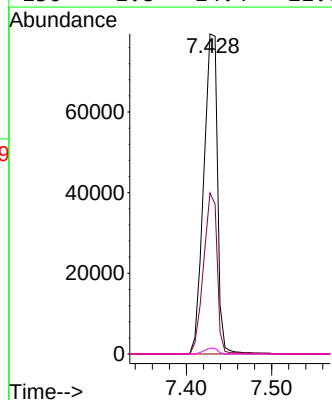
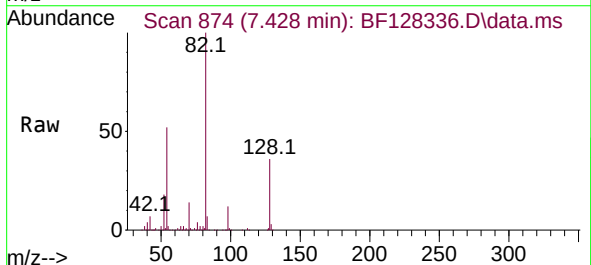
Instrument :
BNA_F
ClientSampleId :
PB144922TB

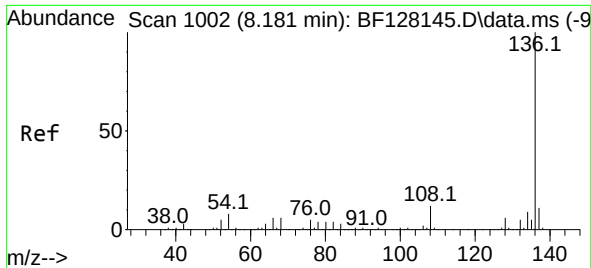
Tgt Ion: 99 Resp: 901619
Ion Ratio Lower Upper
99 100
42 22.7 16.6 24.8
71 40.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.365 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.141 min
Lab File: BF128336.D
Acq: 19 May 2022 14:58

Tgt Ion: 70 Resp: 89412
Ion Ratio Lower Upper
70 100
42 50.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#



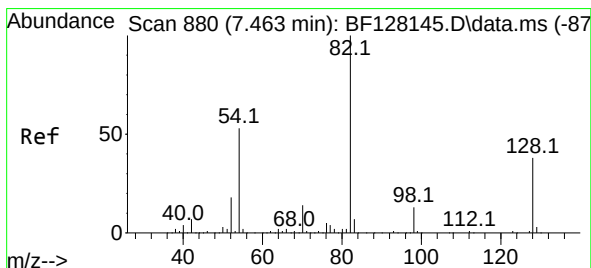
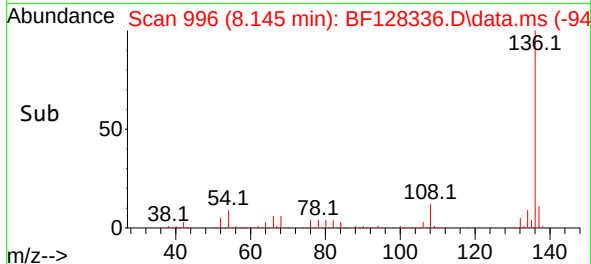
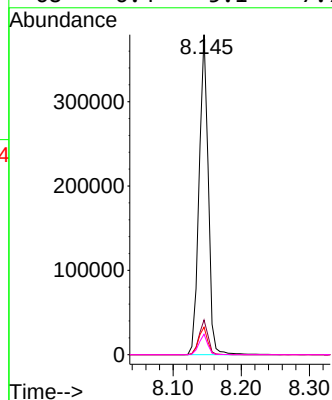
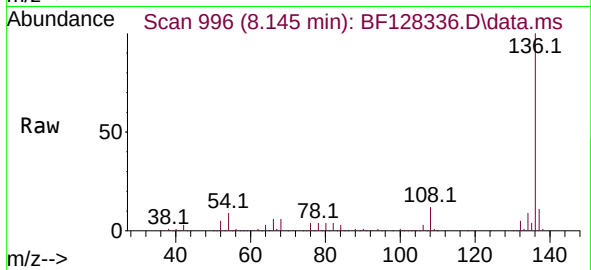


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128336.D
Acq: 19 May 2022 14:58

Instrument :
BNA_F
ClientSampleId :
PB144922TB

Tgt Ion:136 Resp: 353109

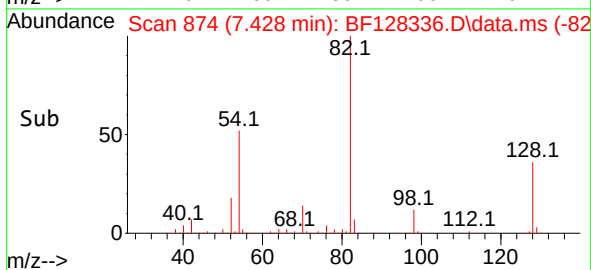
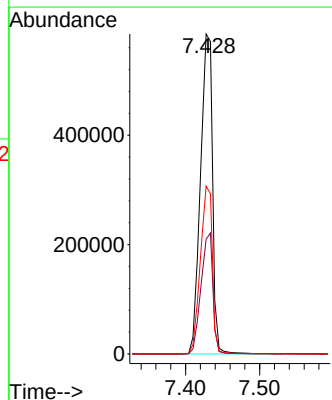
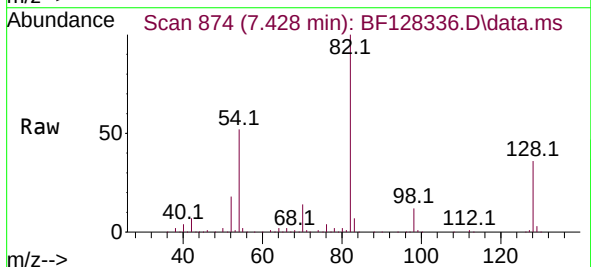
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	6.8	10.2
68	6.4	5.1	7.7

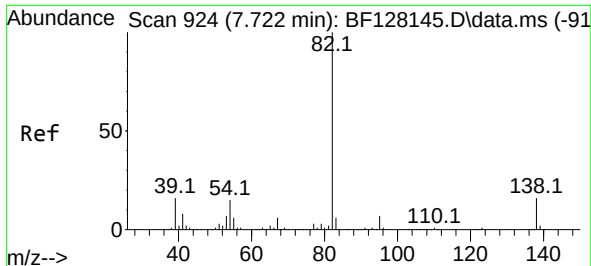


#23
Nitrobenzene-d5
Concen: 84.248 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.018 min
Lab File: BF128336.D
Acq: 19 May 2022 14:58

Tgt Ion: 82 Resp: 661130

Ion	Ratio	Lower	Upper
82	100		
128	35.8	30.0	45.0
54	52.5	41.3	61.9

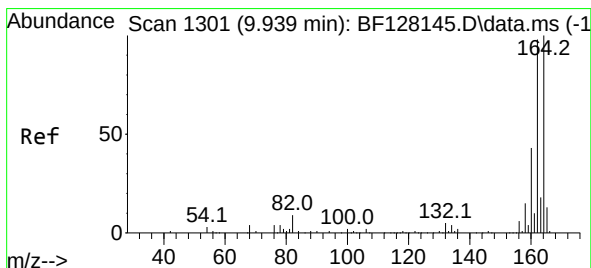
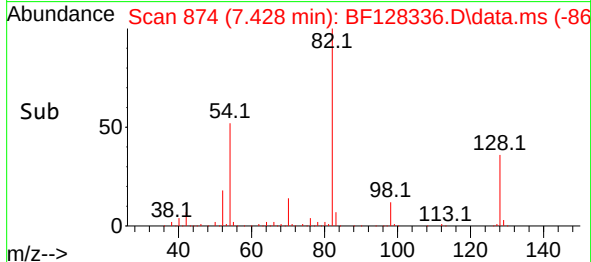
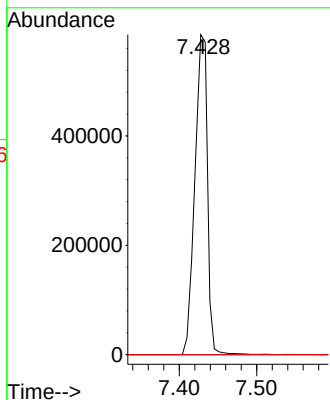
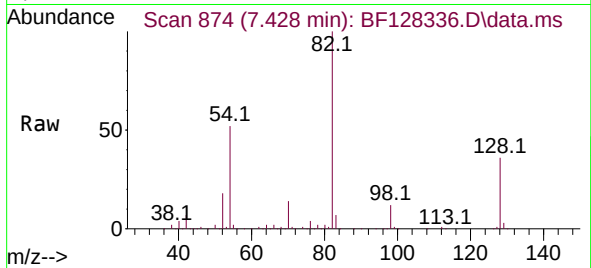




#25
Isophorone
Concen: 53.744 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128336.D
Acq: 19 May 2022 14:58

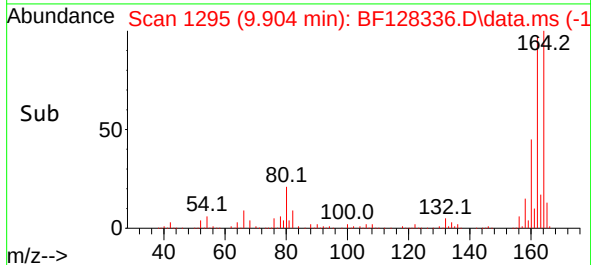
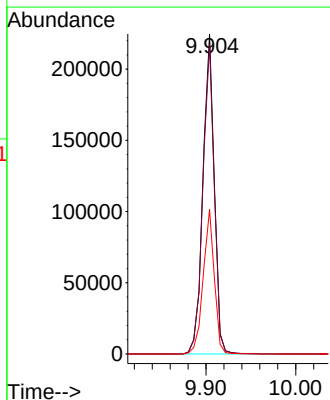
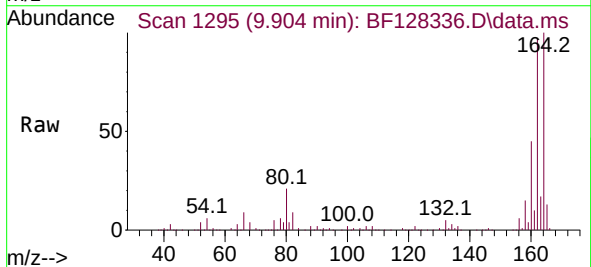
Instrument :
BNA_F
ClientSampleId :
PB144922TB

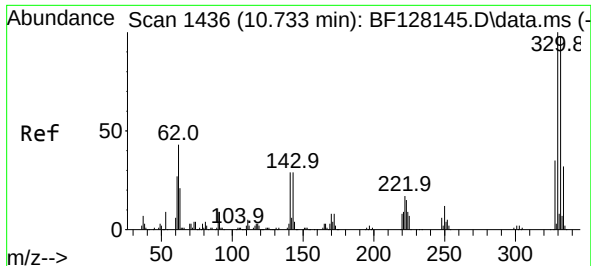
Tgt Ion: 82 Resp: 661208
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128336.D
Acq: 19 May 2022 14:58

Tgt Ion:164 Resp: 197580
Ion Ratio Lower Upper
164 100
162 96.6 76.0 114.0
160 45.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 111.468 ng

RT: 10.698 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128336.D

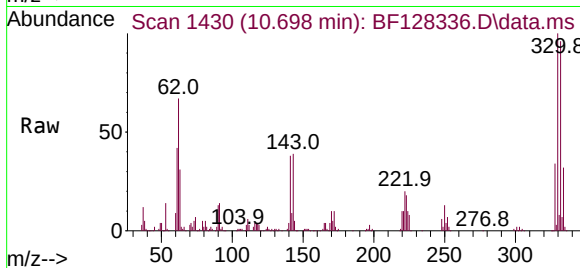
Acq: 19 May 2022 14:58

Instrument :

BNA_F

ClientSampleId :

PB144922TB



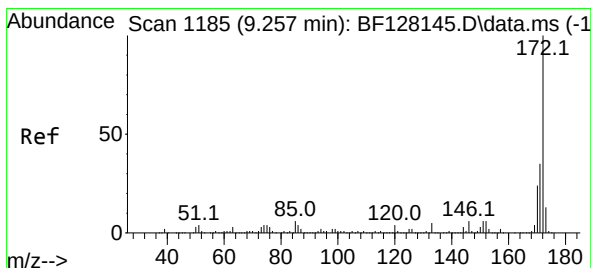
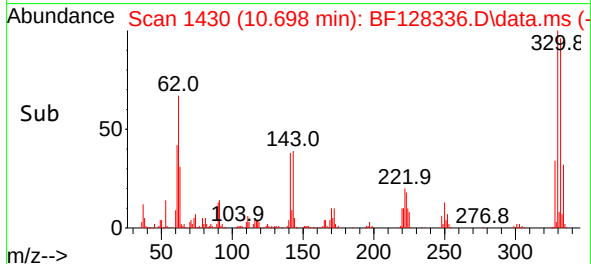
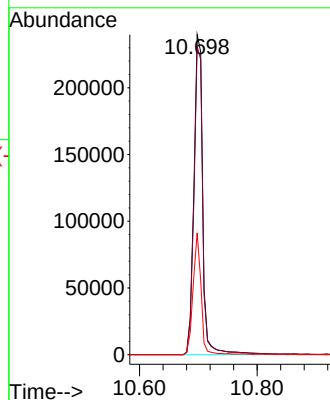
Tgt Ion:330 Resp: 252586

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 84.576 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128336.D

Acq: 19 May 2022 14:58

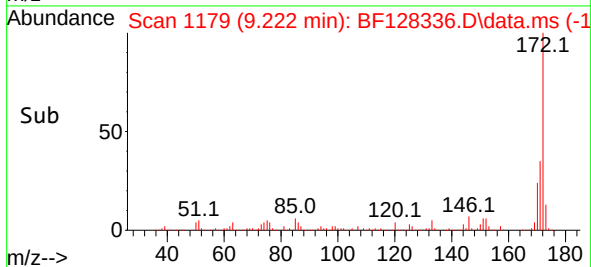
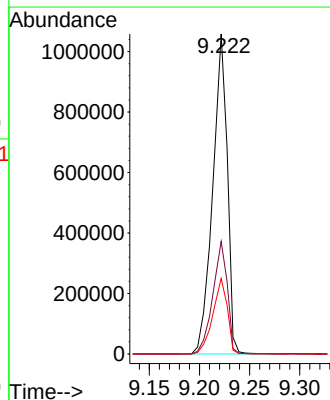
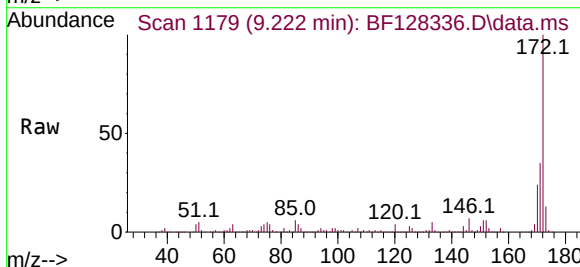
Tgt Ion:172 Resp: 1067974

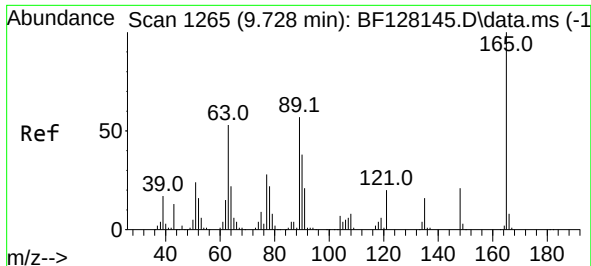
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.055 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF128336.D

Acq: 19 May 2022 14:58

Instrument :

BNA_F

ClientSampleId :

PB144922TB

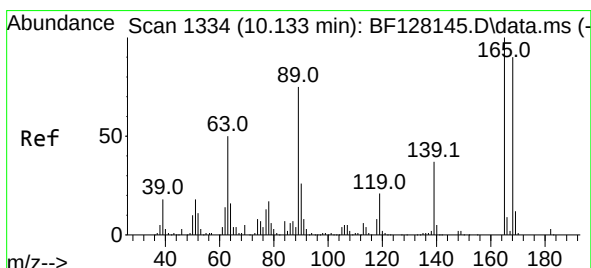
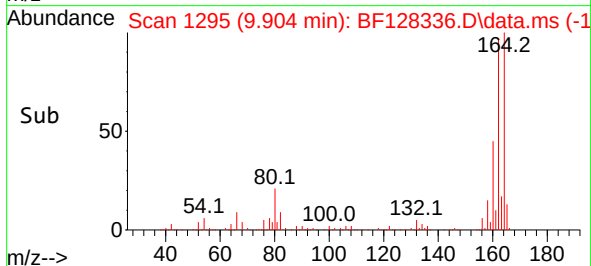
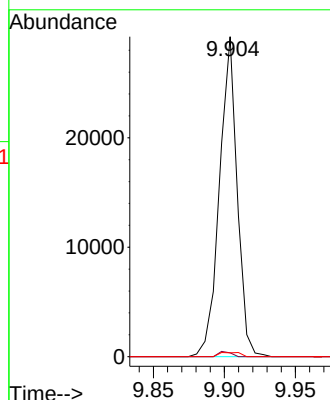
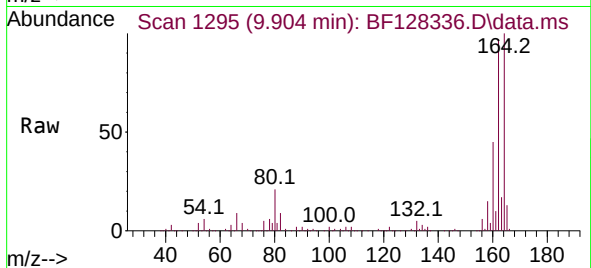
Tgt Ion:165 Resp: 25325

Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 1.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.772 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.212 min

Lab File: BF128336.D

Acq: 19 May 2022 14:58

Tgt Ion:165 Resp: 25325

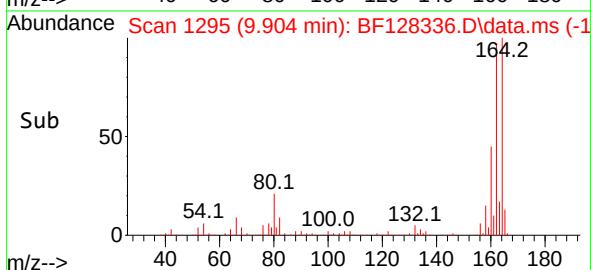
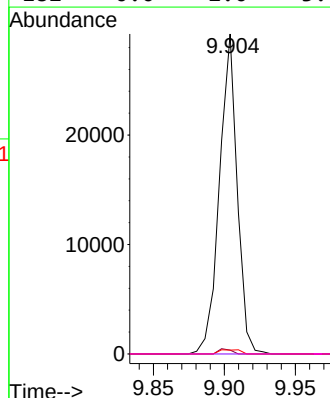
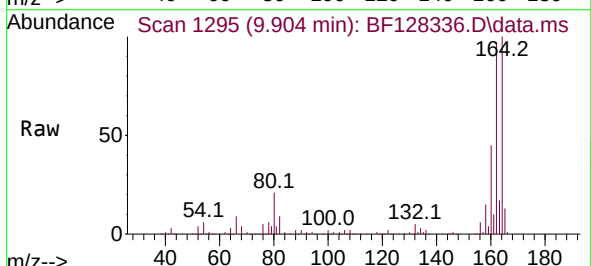
Ion Ratio Lower Upper

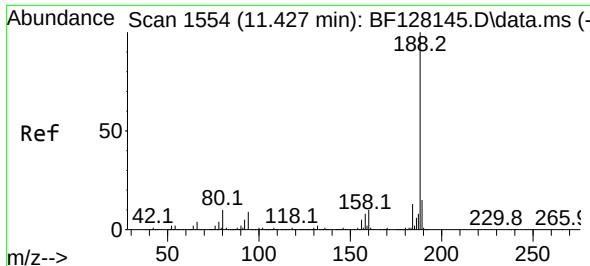
165 100

63 1.2 32.6 49.0#

89 1.2 55.2 82.8#

182 0.0 2.0 3.0#

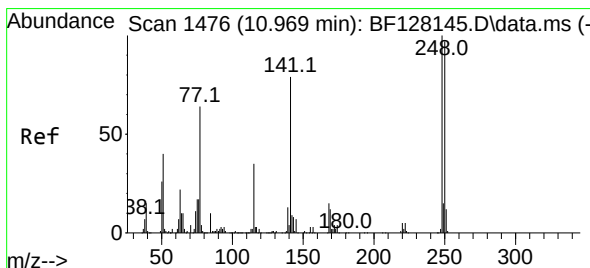
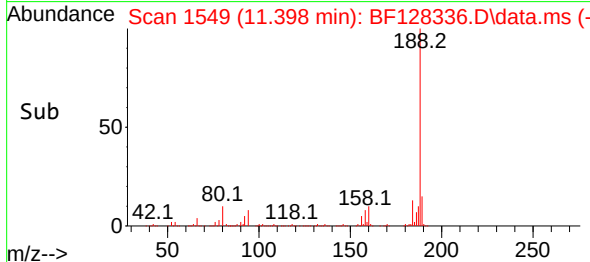
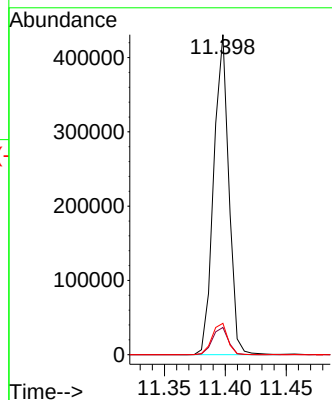
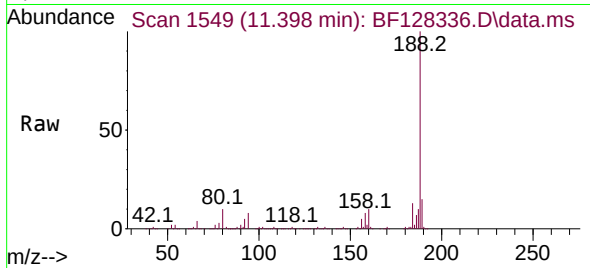




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128336.D
Acq: 19 May 2022 14:58

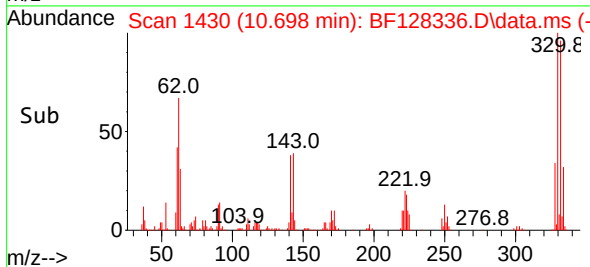
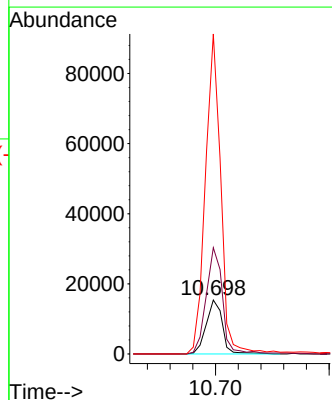
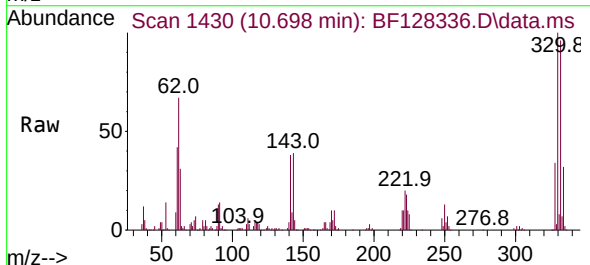
Instrument :
BNA_F
ClientSampleId :
PB144922TB

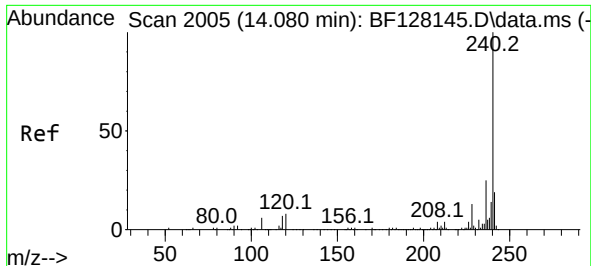
Tgt Ion:188 Resp: 371510
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.798 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128336.D
Acq: 19 May 2022 14:58

Tgt Ion:248 Resp: 15182
Ion Ratio Lower Upper
248 100
250 196.7 77.7 116.5#
141 592.7 65.6 98.4#

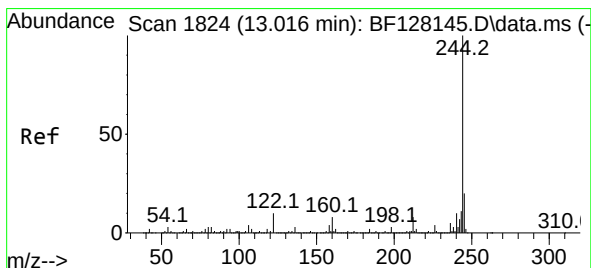
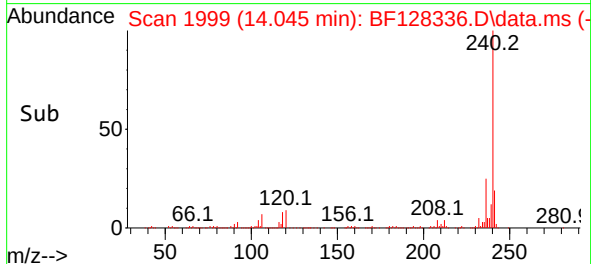
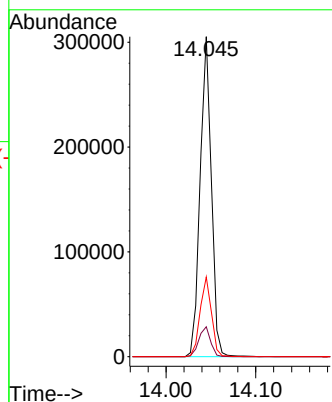
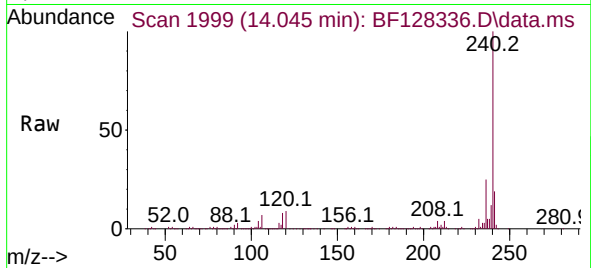




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128336.D
Acq: 19 May 2022 14:58

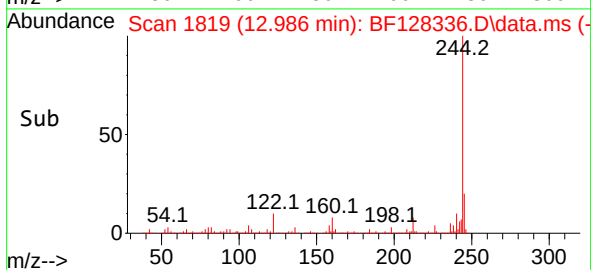
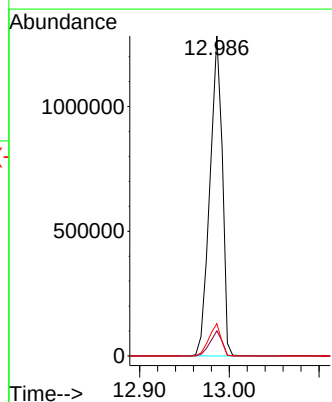
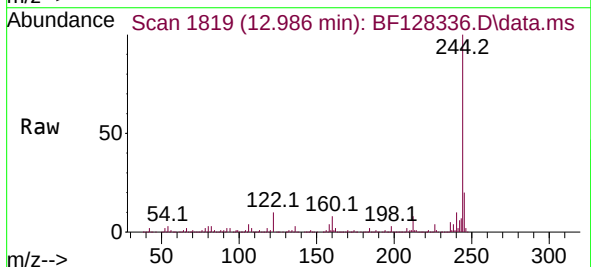
Instrument :
BNA_F
ClientSampleId :
PB144922TB

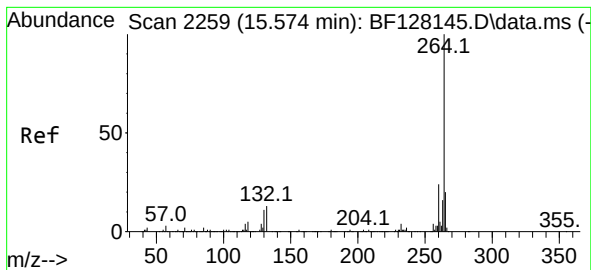
Tgt Ion:240 Resp: 264828
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 24.9 20.3 30.5



#79
Terphenyl-d14
Concen: 87.101 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF128336.D
Acq: 19 May 2022 14:58

Tgt Ion:244 Resp: 1229304
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.1 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: BF128336.D

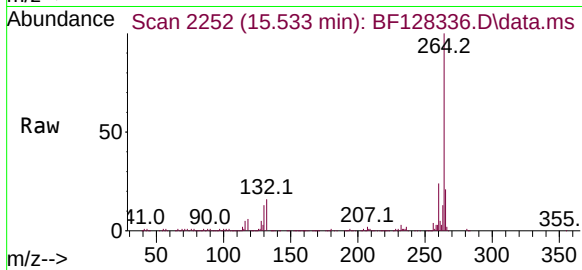
Acq: 19 May 2022 14:58

Instrument :

BNA_F

ClientSampleId :

PB144922TB



Tgt Ion:264 Resp: 196336

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 21.3 17.5 26.3

