

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133377.D
 Acq On : 12 May 2023 19:23
 Operator : CG\JU
 Sample : 02750-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-2-051123

Quant Time: May 12 23:36:44 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 11 16:40:17 2023
 Response via : Initial Calibration

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

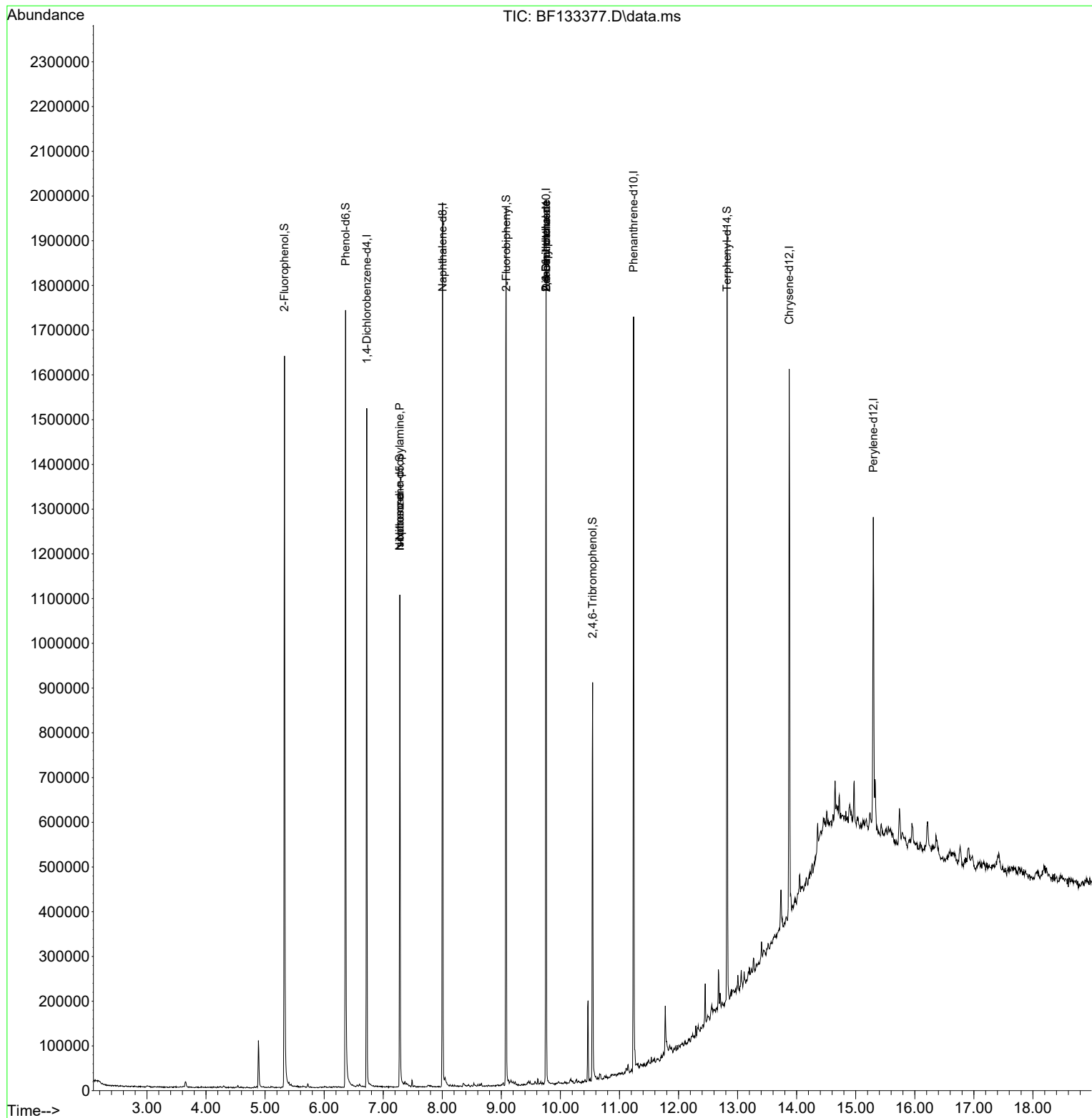
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	202686	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	779218	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	341884	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	552837	20.000	ng	0.00
76) Chrysene-d12	13.874	240	380926	20.000	ng	0.00
86) Perylene-d12	15.298	264	303202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	459119	34.218	ng	0.00
7) Phenol-d6	6.363	99	559299	33.584	ng	0.00
23) Nitrobenzene-d5	7.281	82	307311	21.288	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	97873	28.466	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	571763	27.979	ng	0.00
79) Terphenyl-d14	12.822	244	546390	24.738	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	66	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.281	70	40014	3.859	ng	# 78
25) Isophorone	7.281	82	307308	11.212	ng	# 62
50) Dimethylphthalate	9.757	163	67385	2.827	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	45171	8.419	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	45275	6.617	ng	# 23

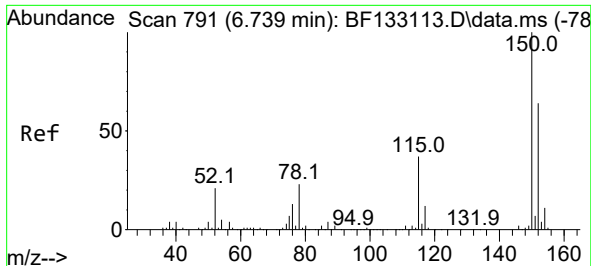
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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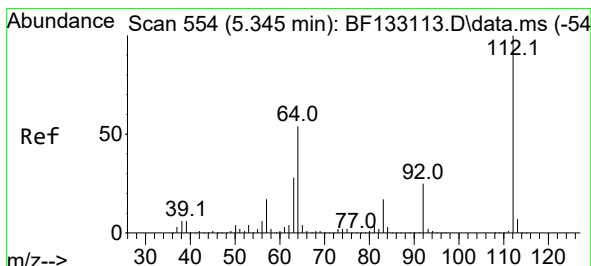
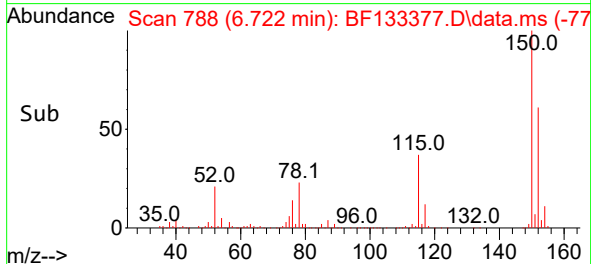
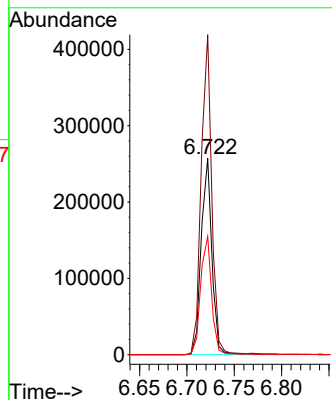
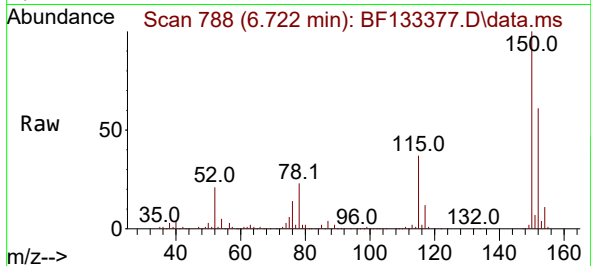




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133377.D
 Acq: 12 May 2023 19:23

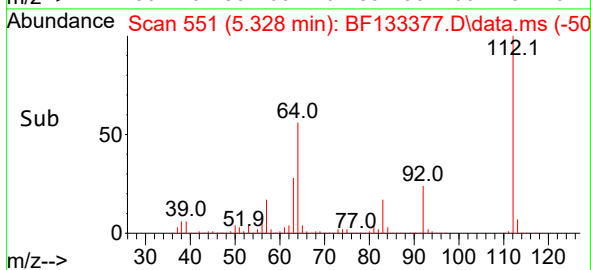
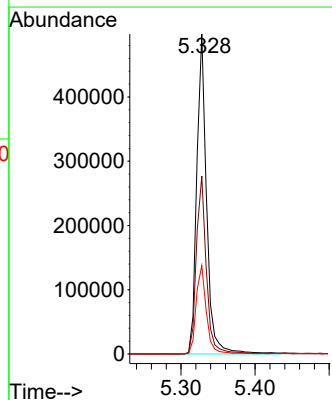
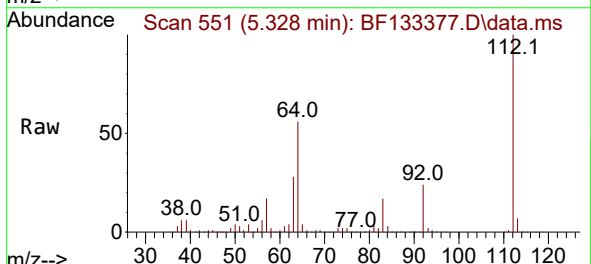
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 ClientSampleId :
 PAT-2-051123

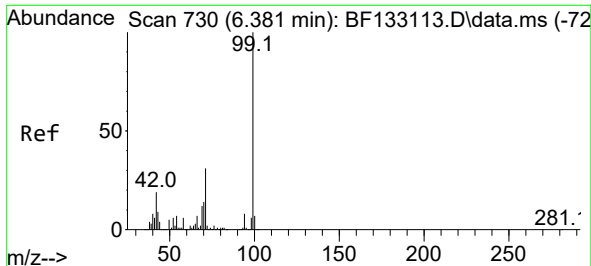
Tgt Ion:152 Resp: 202686
 Ion Ratio Lower Upper
 152 100
 150 163.1 124.8 187.2
 115 60.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 34.218 ng
 RT: 5.328 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: BF133377.D
 Acq: 12 May 2023 19:23

Tgt Ion:112 Resp: 459119
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.8 70.2
 63 27.7 23.8 35.8

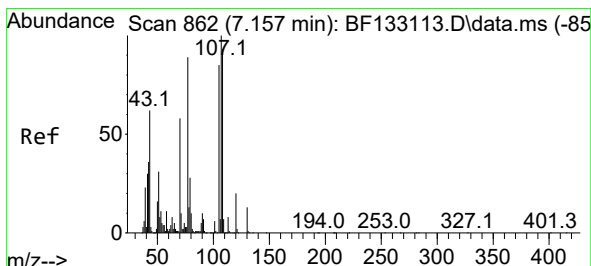
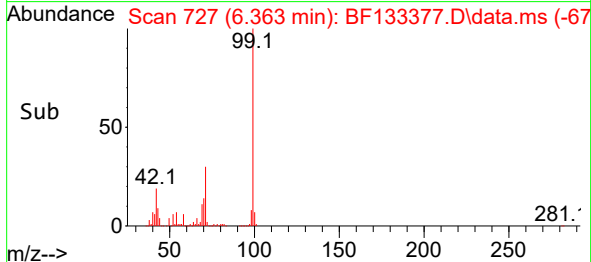
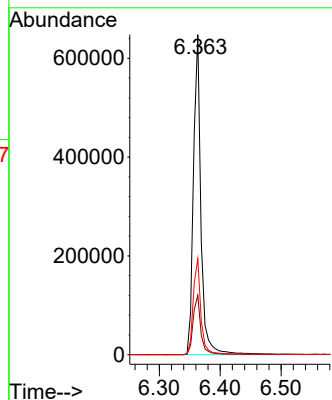
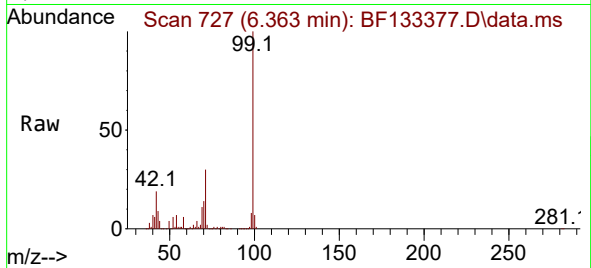




#7
Phenol-d6
Concen: 33.584 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

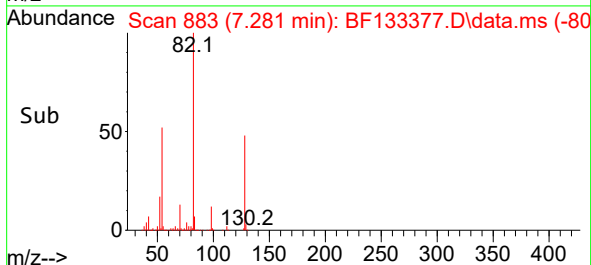
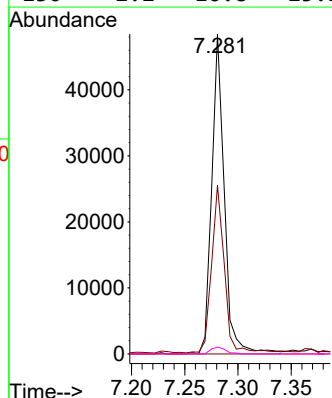
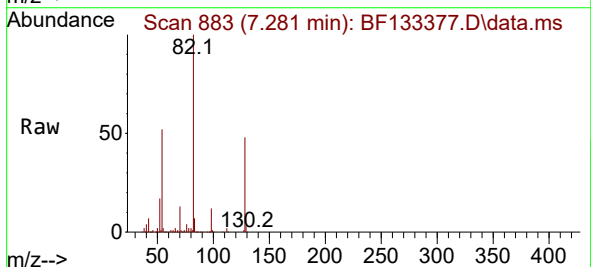
Instrument :
BNA_F
ClientSampleId :
PAT-2-051123

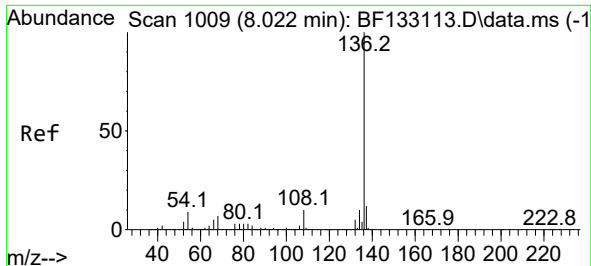
Tgt Ion: 99 Resp: 559299
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 29.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 3.859 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.135 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Tgt Ion: 70 Resp: 40014
Ion Ratio Lower Upper
70 100
42 52.8 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

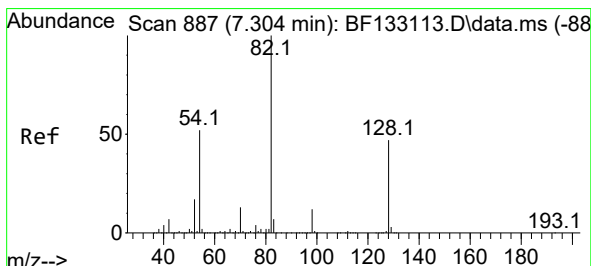
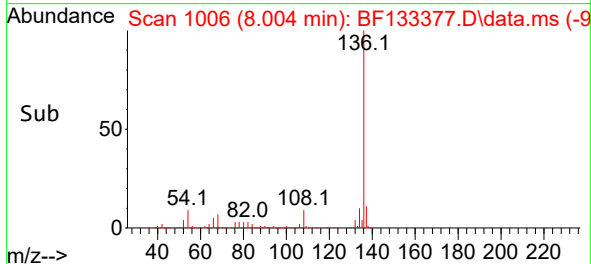
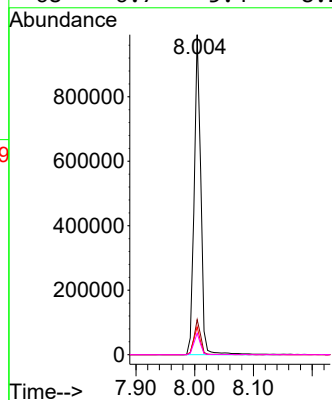
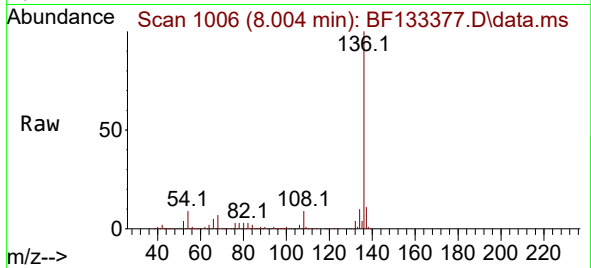




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

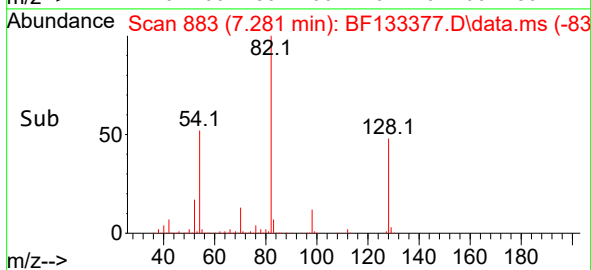
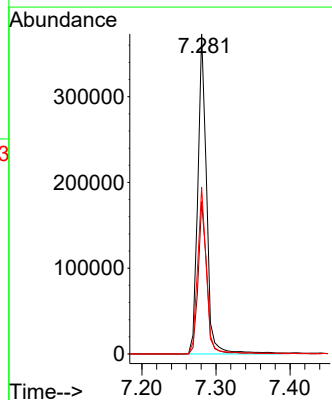
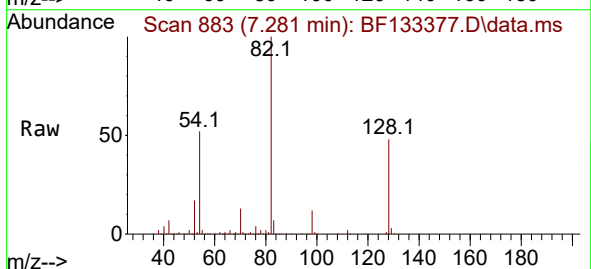
Instrument :
BNA_F
ClientSampleId :
PAT-2-051123

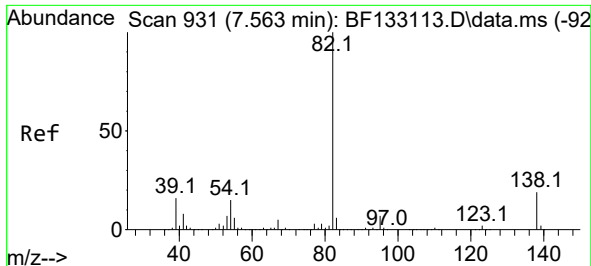
Tgt Ion:136 Resp: 779218
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.0 10.4
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 21.288 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Tgt Ion: 82 Resp: 307311
Ion Ratio Lower Upper
82 100
128 47.6 37.7 56.5
54 52.1 43.0 64.4

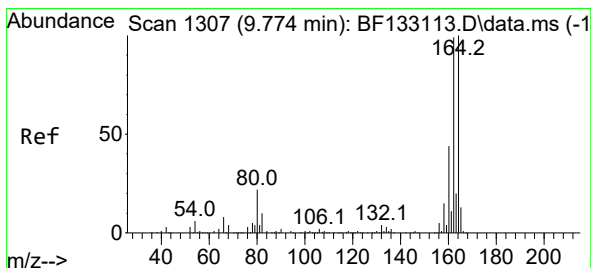
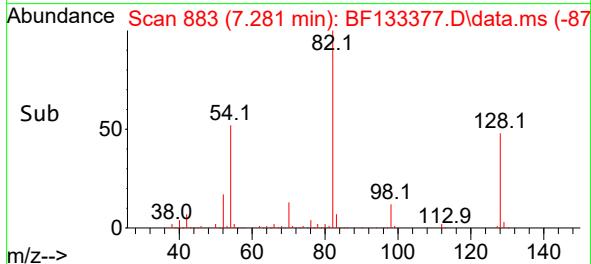
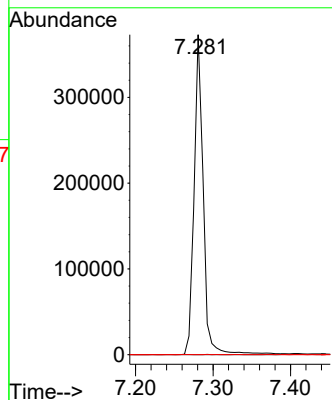
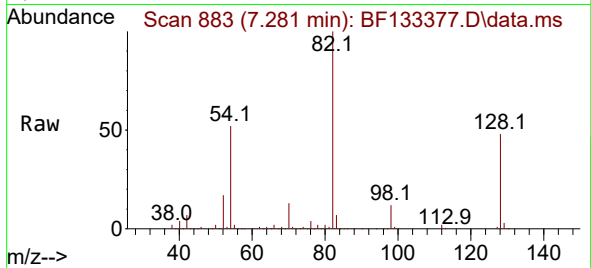




#25
Isophorone
Concen: 11.212 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

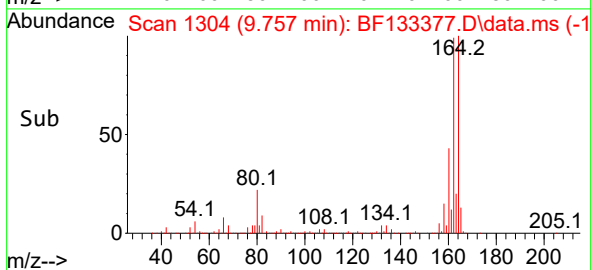
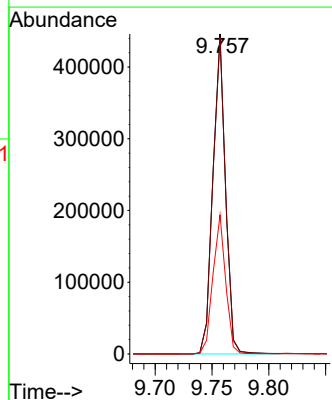
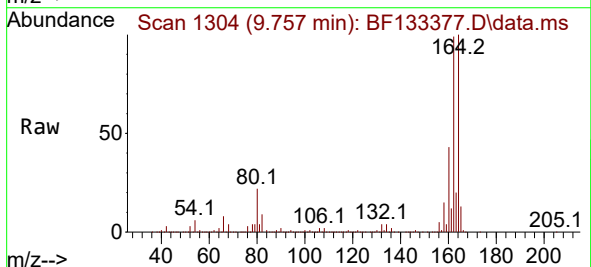
Instrument :
BNA_F
ClientSampleId :
PAT-2-051123

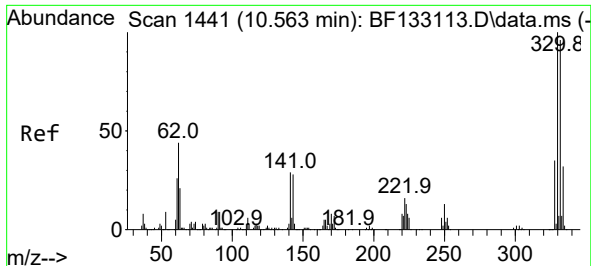
Tgt Ion: 82 Resp: 307308
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Tgt Ion: 164 Resp: 341884
Ion Ratio Lower Upper
164 100
162 99.0 78.7 118.1
160 43.4 35.8 53.6





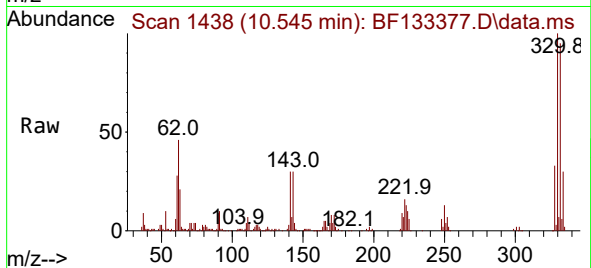
#42
2,4,6-Tribromophenol
Concen: 28.466 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Instrument :

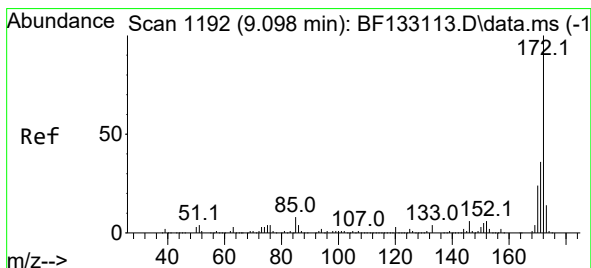
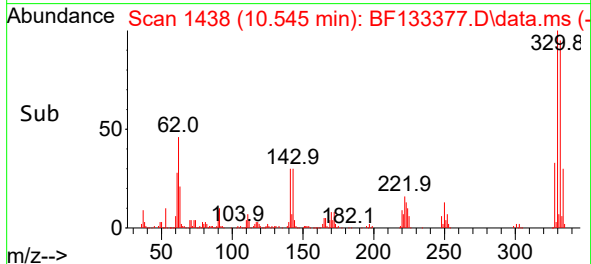
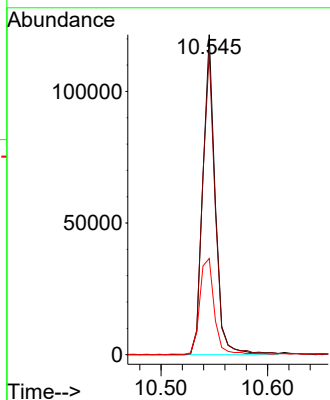
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ClientSampleId :

PAT-2-051123

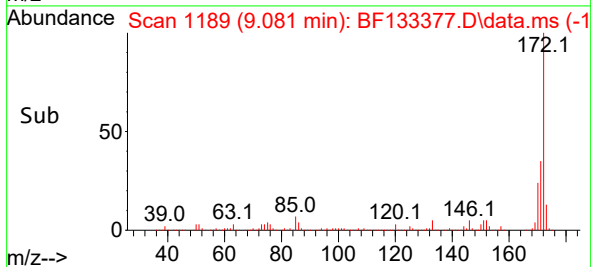
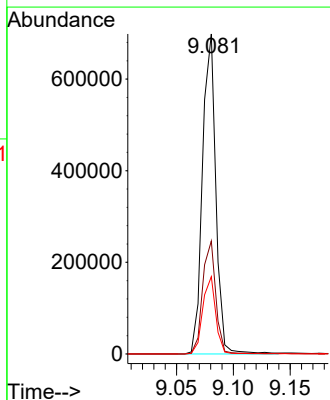
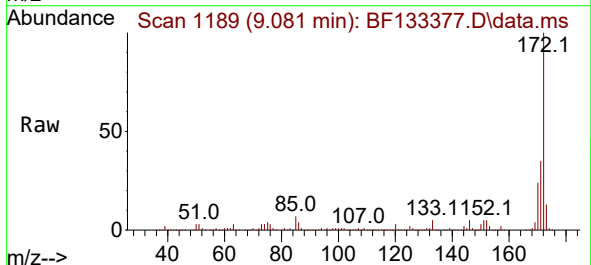


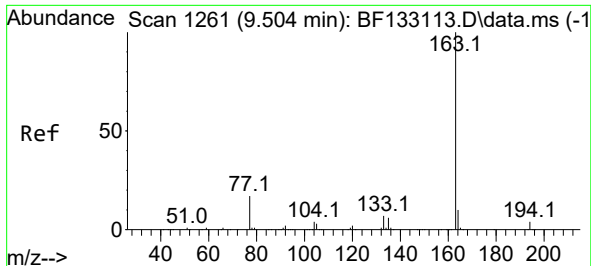
Tgt Ion:330 Resp: 97873
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 36.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 27.979 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Tgt Ion:172 Resp: 571763
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.1 19.4 29.2

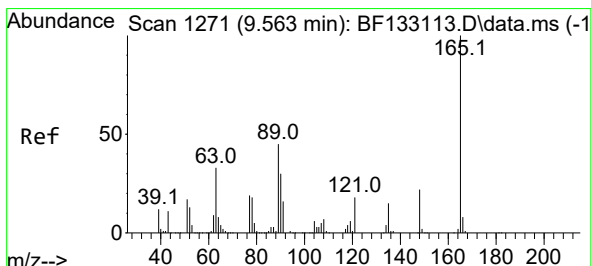
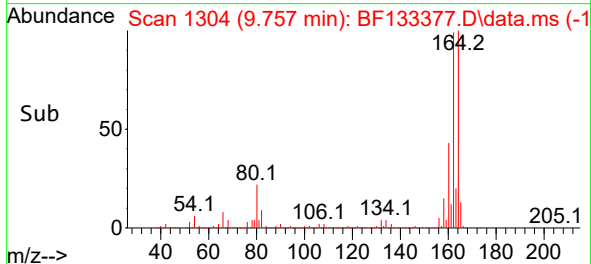
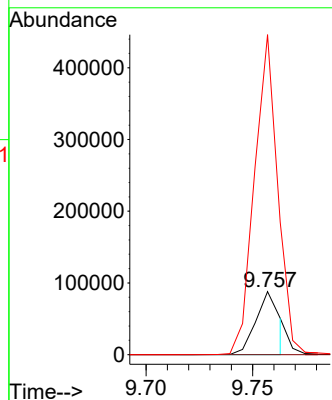
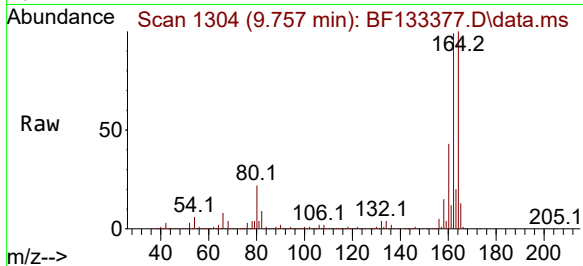




#50
Dimethylphthalate
Concen: 2.827 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.271 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

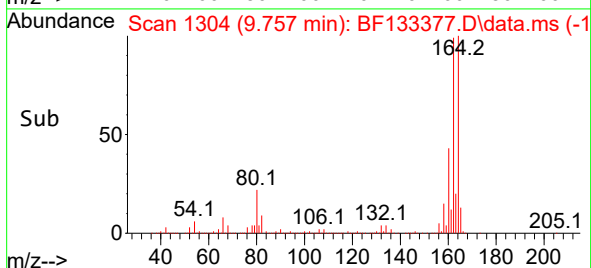
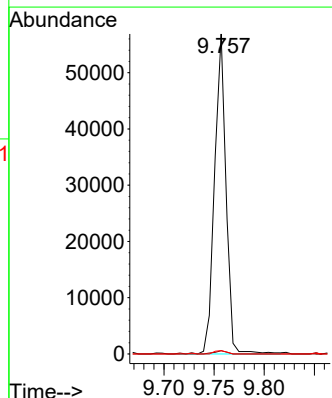
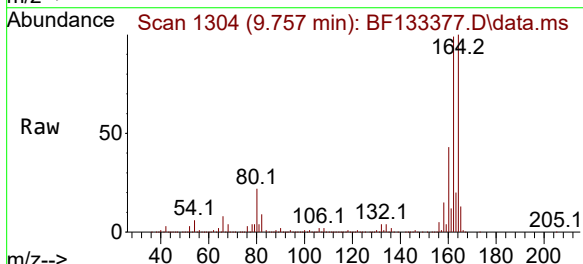
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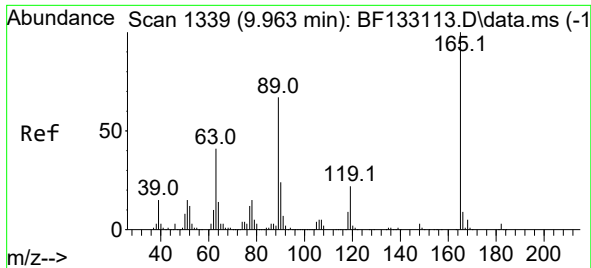
Tgt Ion:163 Resp: 67385
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 507.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.419 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.212 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

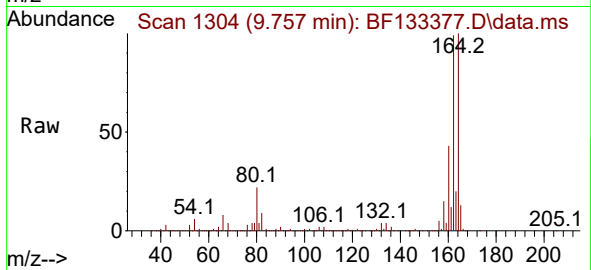
Tgt Ion:165 Resp: 45171
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.1 44.0 66.0#



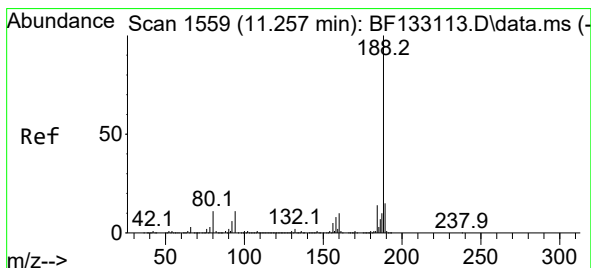
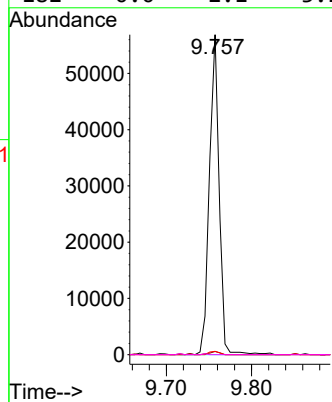
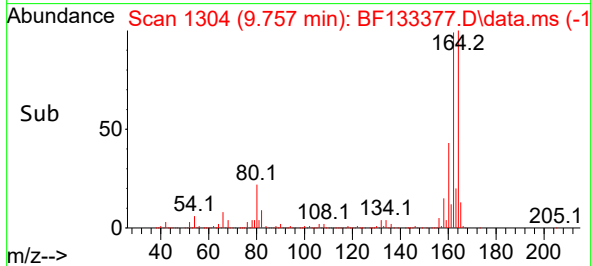


#57
2,4-Dinitrotoluene
Concen: 6.617 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Instrument :
BNA_F
ClientSampleId :
PAT-2-051123

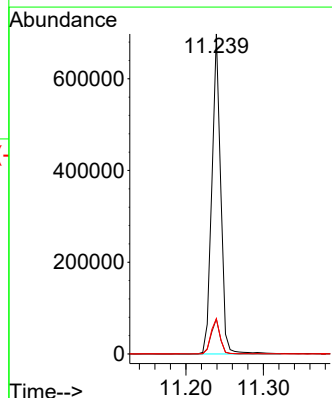
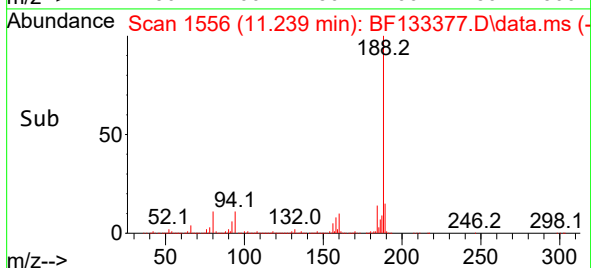
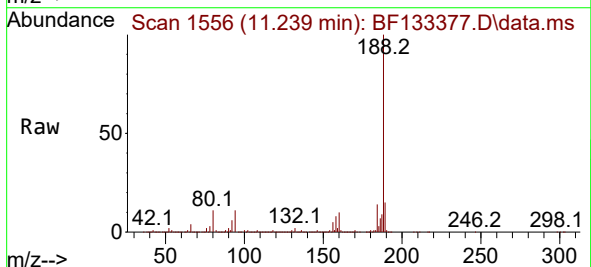


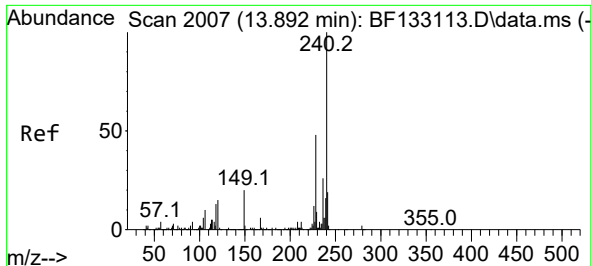
Tgt Ion:165 Resp: 45275
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Tgt Ion:188 Resp: 552837
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.0 10.4 15.6

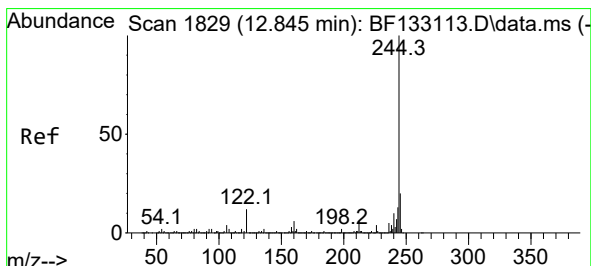
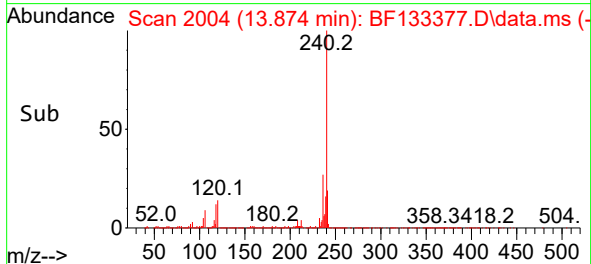
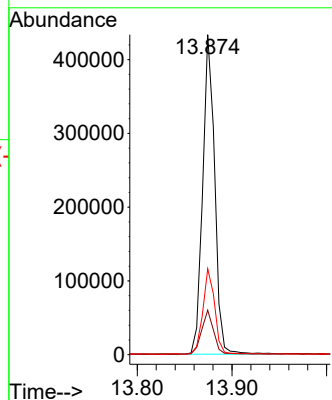
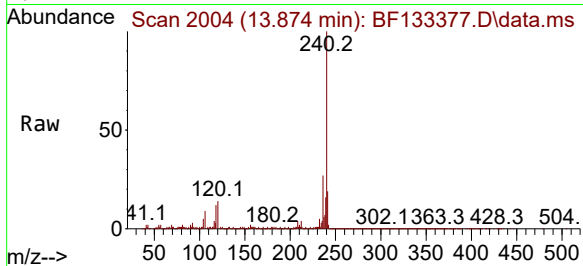




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

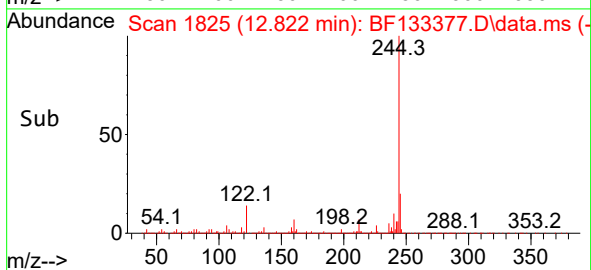
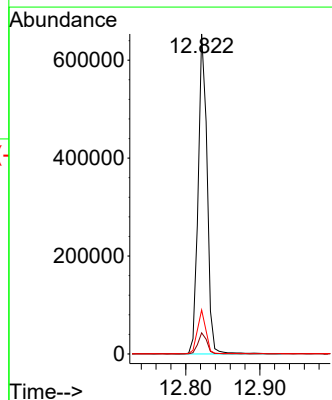
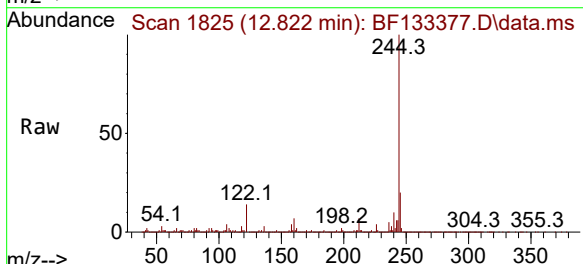
Instrument :
BNA_F
ClientSampleId :
PAT-2-051123

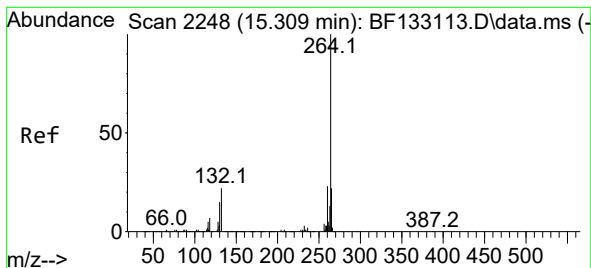
Tgt Ion:240 Resp: 380926
Ion Ratio Lower Upper
240 100
120 13.9 10.5 15.7
236 26.8 21.5 32.3



#79
Terphenyl-d14
Concen: 24.738 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF133377.D
Acq: 12 May 2023 19:23

Tgt Ion:244 Resp: 546390
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 13.8 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133377.D

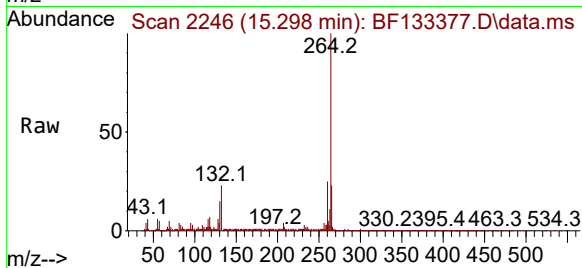
Acq: 12 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

PAT-2-051123



Tgt Ion:264 Resp: 303202

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 22.7 17.0 25.4

