

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133747.D
 Acq On : 14 Jun 2023 12:05
 Operator : CG\JU
 Sample : PB153224TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153224TB

Quant Time: Jun 14 12:38:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

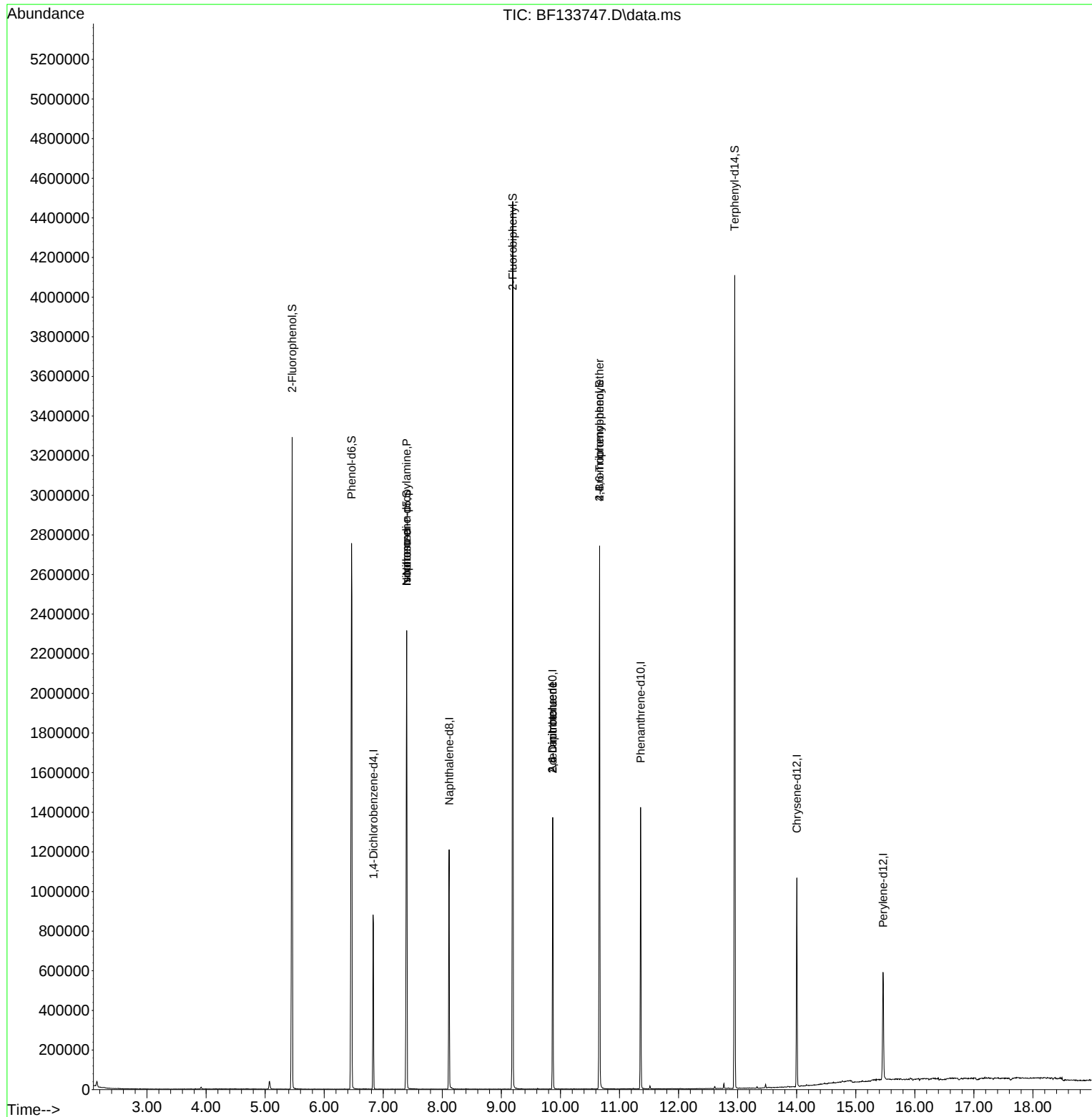
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	126808	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	500564	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	252147	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	495722	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	331586	20.000	ng	-0.01
86) Perylene-d12	15.463	264	248981	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	859593	118.010	ng	0.01
7) Phenol-d6	6.463	99	1036312	109.300	ng	0.00
23) Nitrobenzene-d5	7.398	82	700217	76.191	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	324561	101.688	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1260108	71.040	ng	0.00
79) Terphenyl-d14	12.951	244	1469787	68.588	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	98025	16.249	ng	# 78
25) Isophorone	7.398	82	700208	41.501	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	31833	8.194	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	31833	6.443	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	19172	3.465	ng	# 1

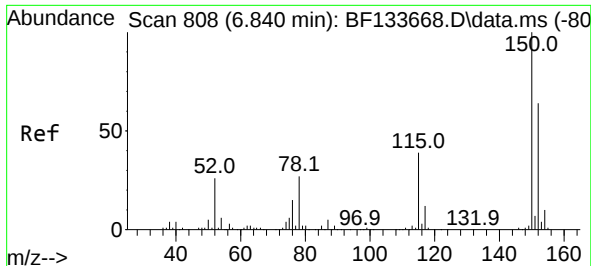
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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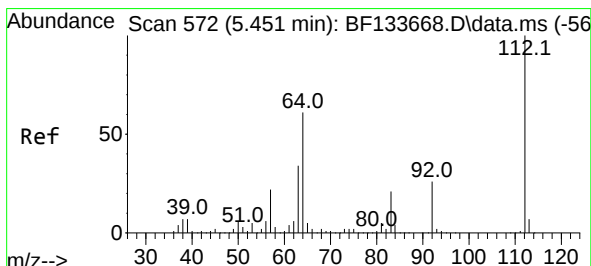
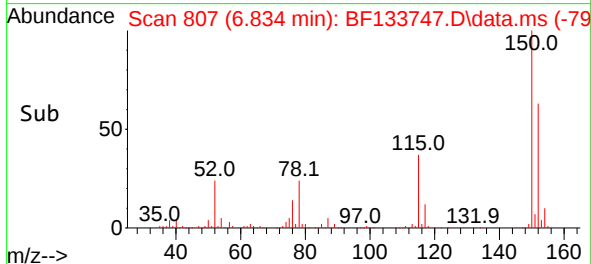
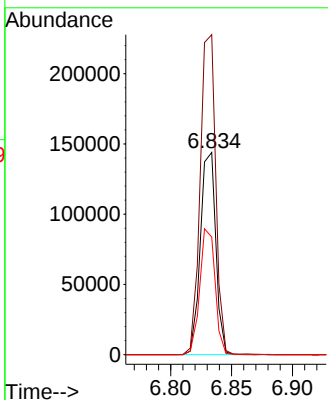
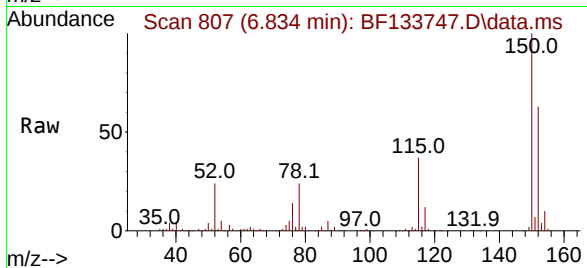




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

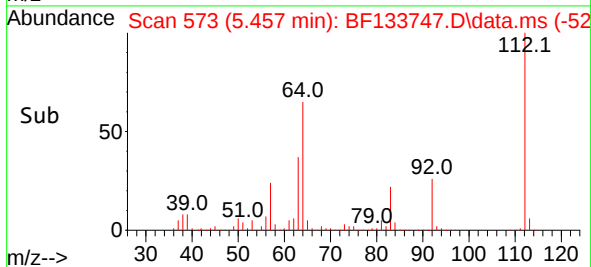
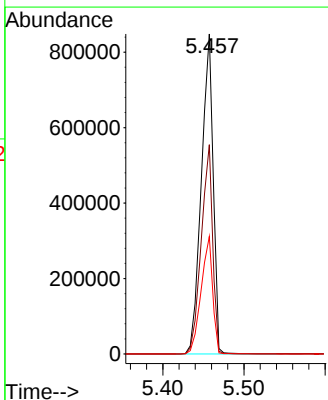
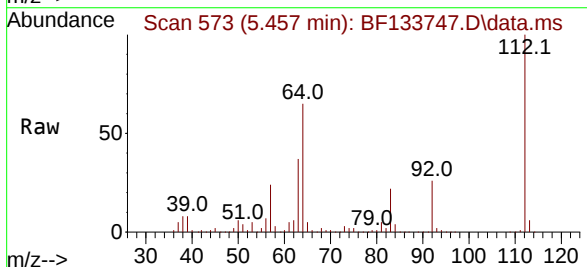
Instrument :
BNA_F
ClientSampleId :
PB153224TB

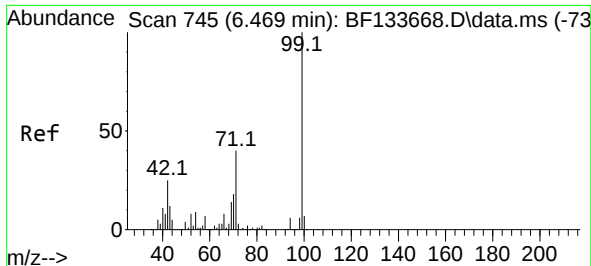
Tgt Ion:152 Resp: 126808
Ion Ratio Lower Upper
152 100
150 158.2 124.3 186.5
115 58.2 48.5 72.7



#5
2-Fluorophenol
Concen: 118.010 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

Tgt Ion:112 Resp: 859593
Ion Ratio Lower Upper
112 100
64 65.4 49.0 73.4
63 36.7 26.8 40.2

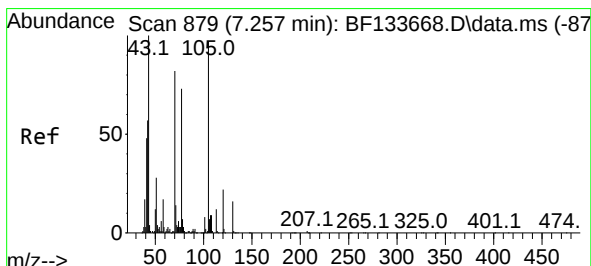
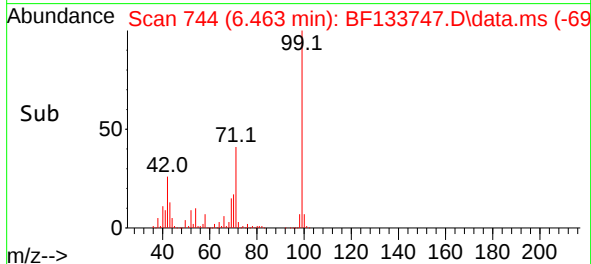
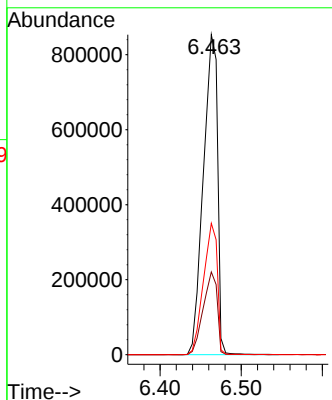
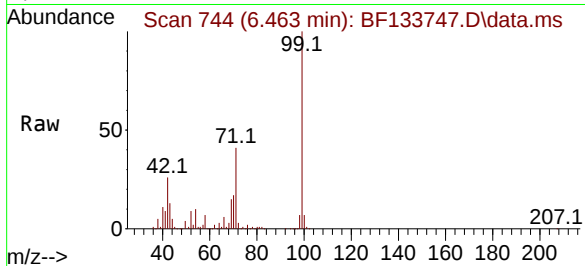




#7
Phenol-d6
Concen: 109.300 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

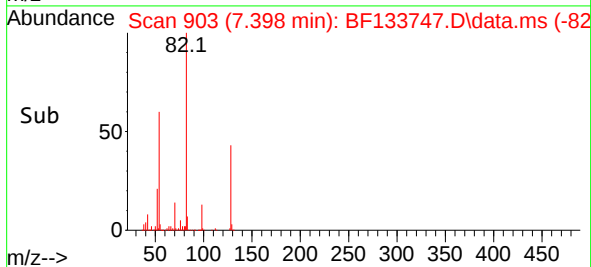
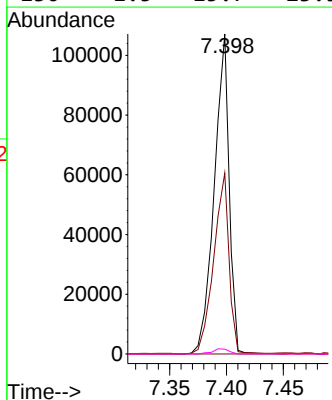
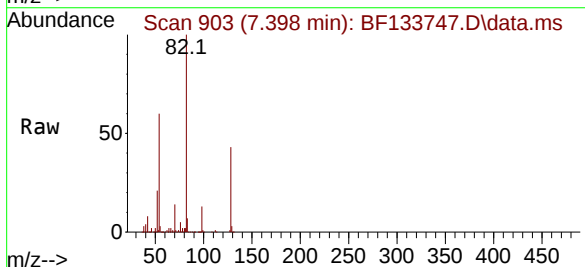
Instrument :
BNA_F
ClientSampleId :
PB153224TB

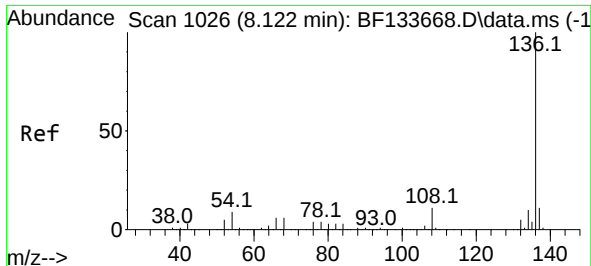
Tgt Ion: 99 Resp: 1036312
Ion Ratio Lower Upper
99 100
42 25.9 19.9 29.9
71 41.1 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.249 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

Tgt Ion: 70 Resp: 98025
Ion Ratio Lower Upper
70 100
42 56.5 55.8 83.8
101 0.0 8.1 12.1#
130 1.5 15.7 23.5#

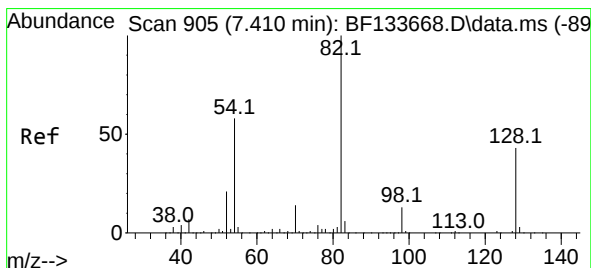
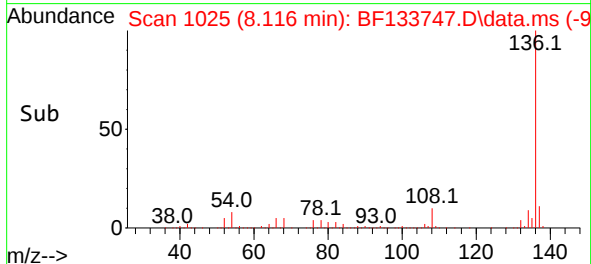
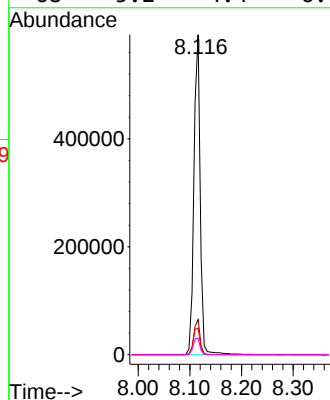
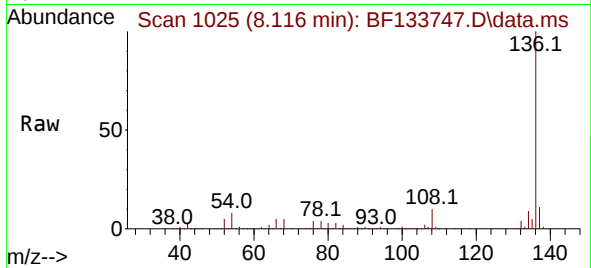




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

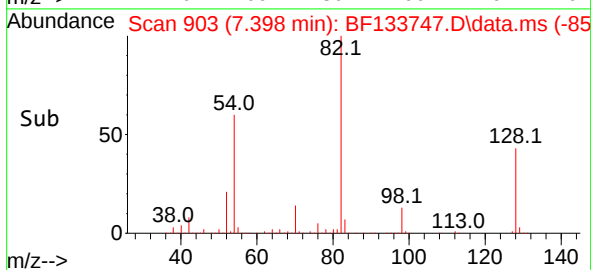
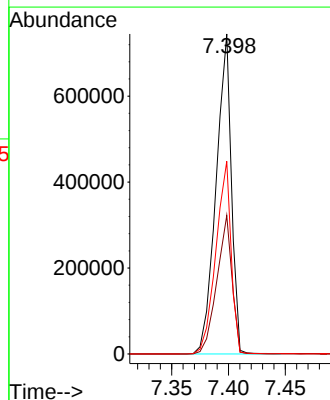
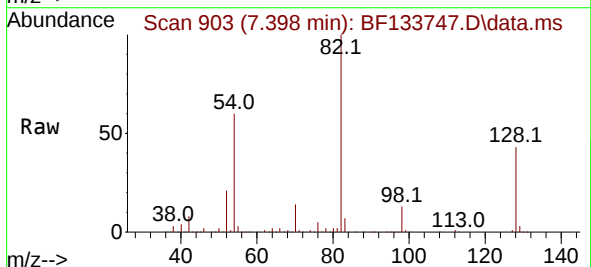
Instrument :
BNA_F
ClientSampleId :
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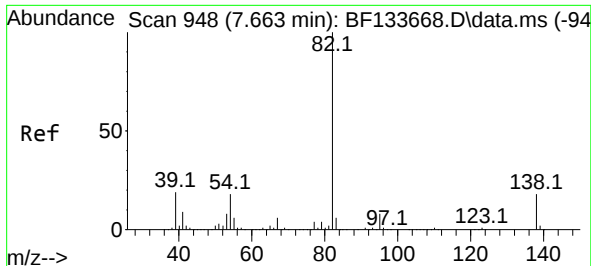
Tgt Ion:136 Resp: 500564
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 7.4 11.0
68 5.2 4.4 6.6



#23
Nitrobenzene-d5
Concen: 76.191 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

Tgt Ion: 82 Resp: 700217
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.2
54 60.2 46.5 69.7

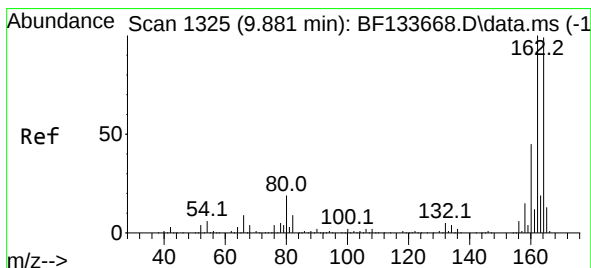
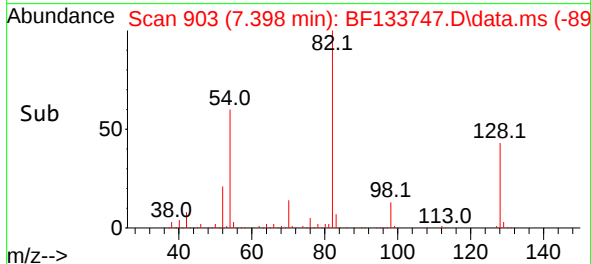
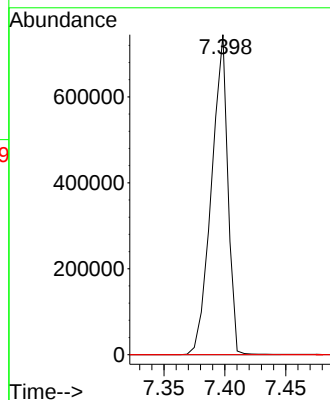
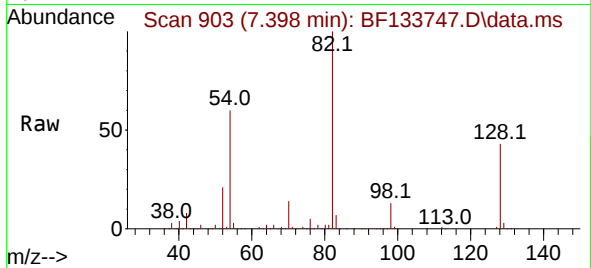




#25
Isophorone
Concen: 41.501 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

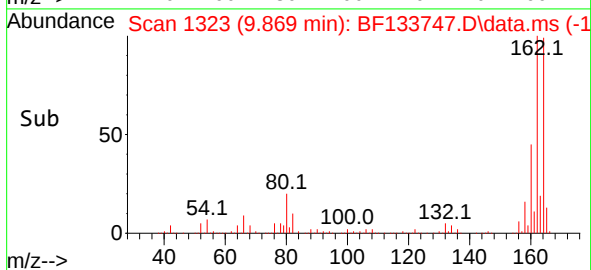
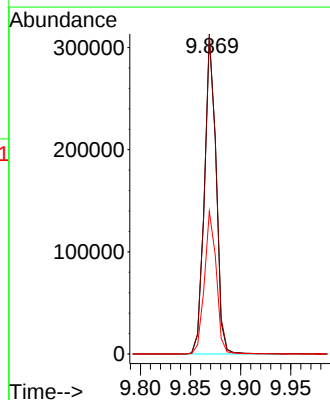
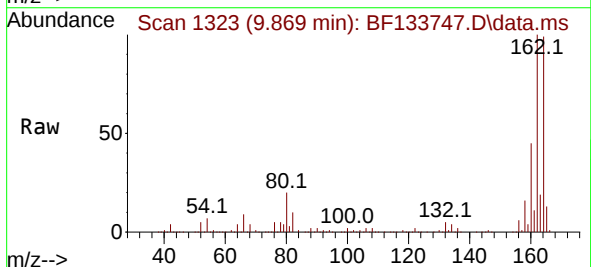
Instrument :
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ClientSampleId :
PB153224TB

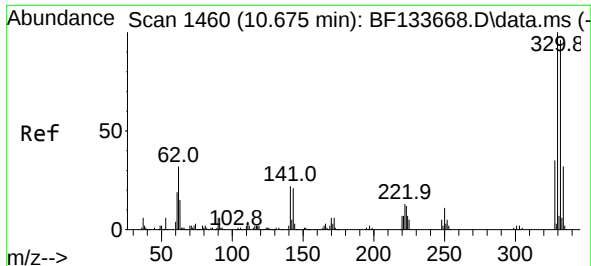
Tgt Ion: 82 Resp: 700208
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

Tgt Ion:164 Resp: 252147
Ion Ratio Lower Upper
164 100
162 100.9 80.8 121.2
160 45.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 101.688 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133747.D

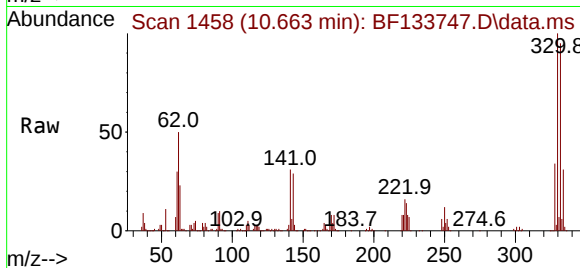
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Instrument :

BNA_F

ClientSampleId :

PB153224TB



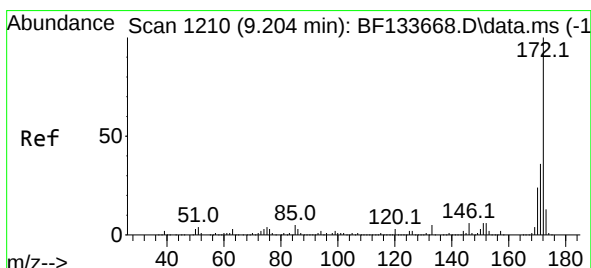
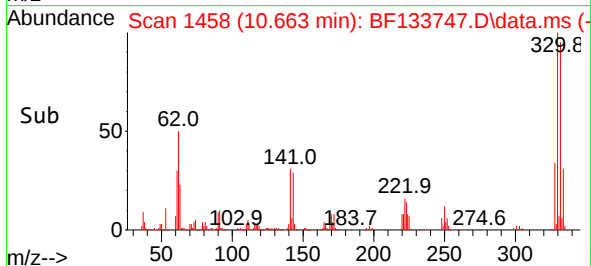
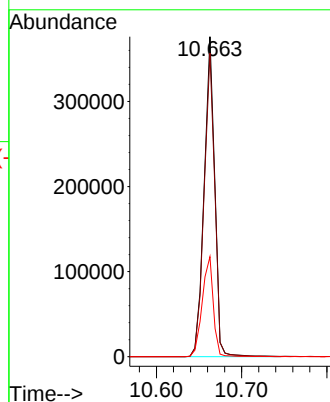
Tgt Ion:330 Resp: 324561

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

141 32.9 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 71.040 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133747.D

Acq: 14 Jun 2023 12:05

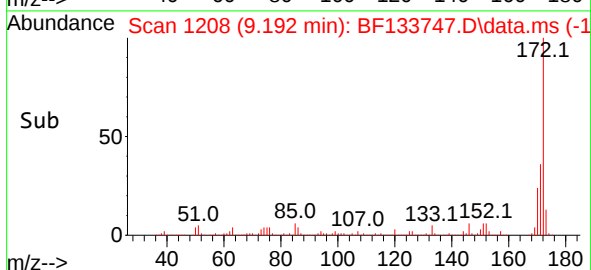
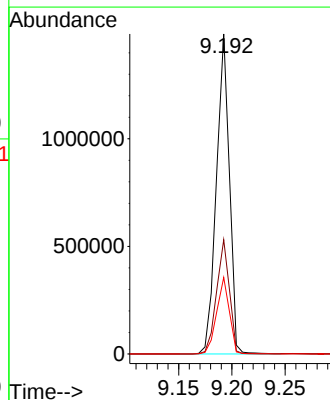
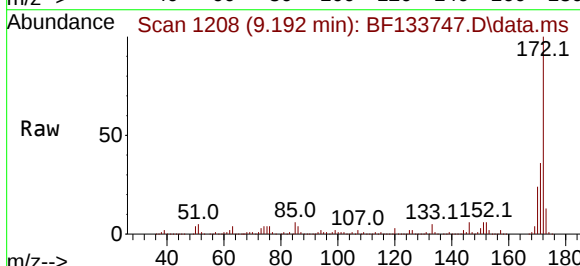
Tgt Ion:172 Resp: 1260108

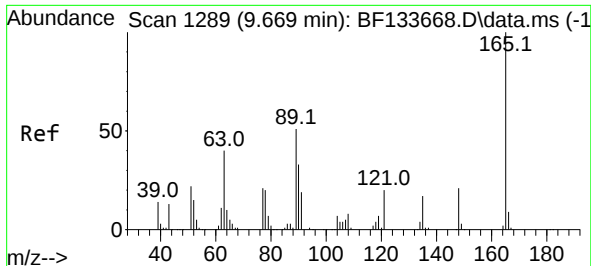
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.9 19.1 28.7

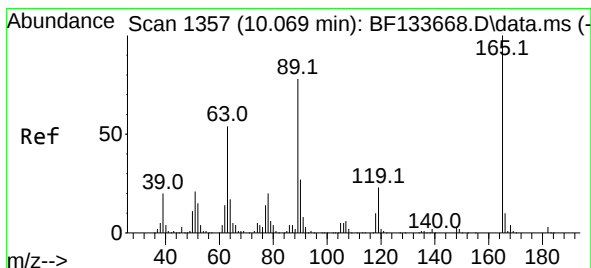
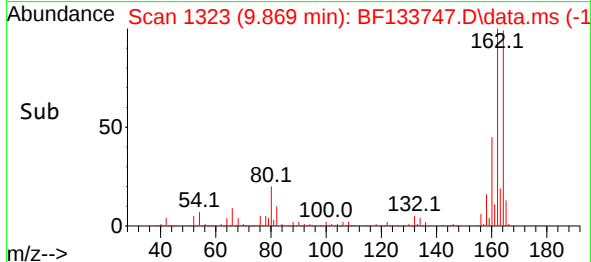
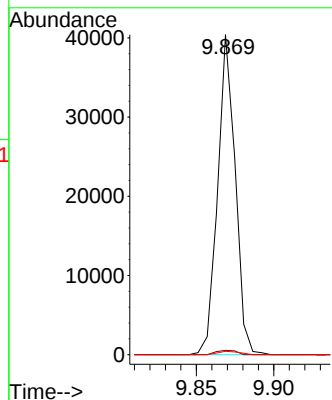
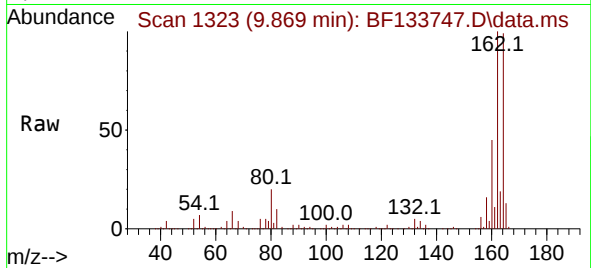




#51
2,6-Dinitrotoluene
Concen: 8.194 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

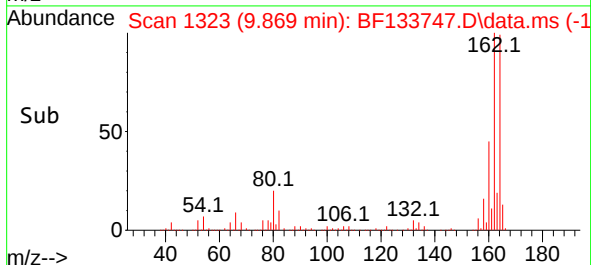
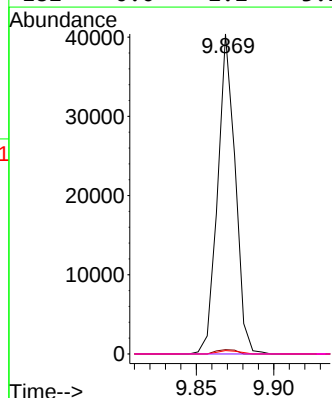
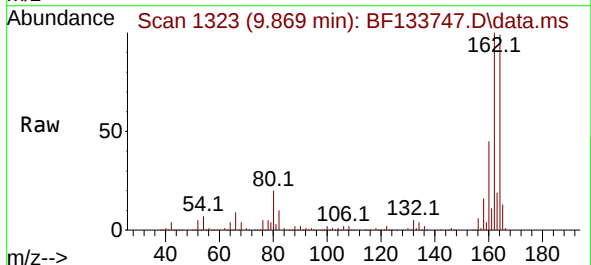
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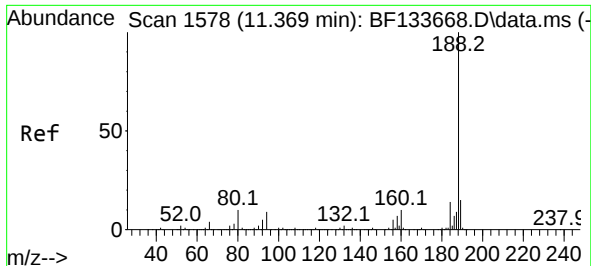
Tgt Ion:165 Resp: 31833
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 1.1 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.443 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.200 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

Tgt Ion:165 Resp: 31833
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.1 62.6 93.8#
182 0.0 2.2 3.2#

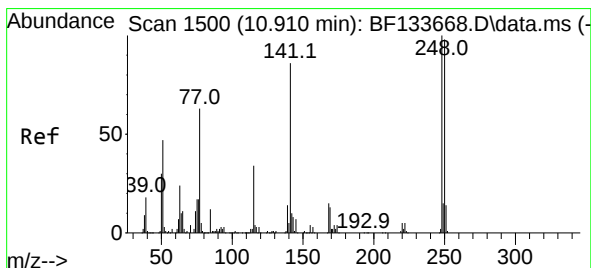
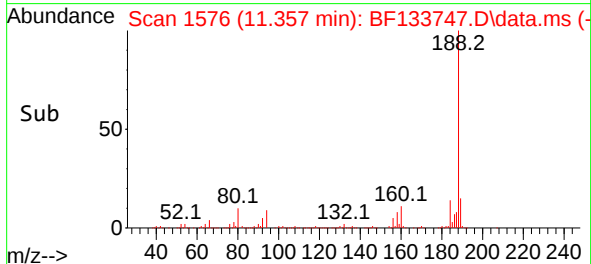
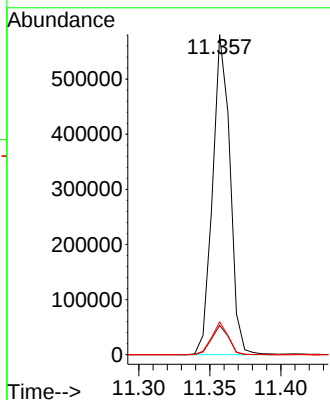
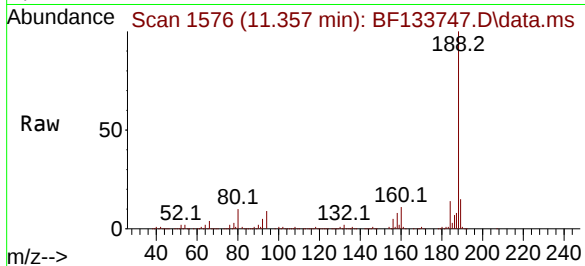




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

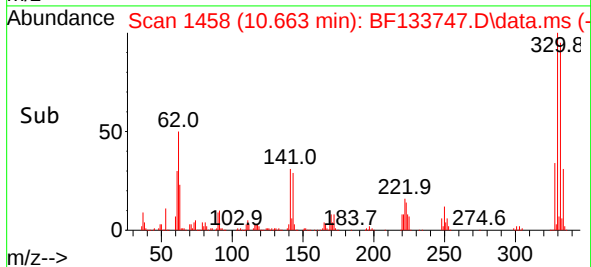
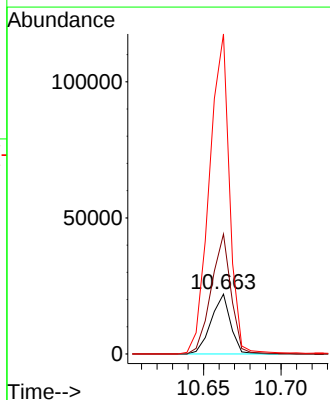
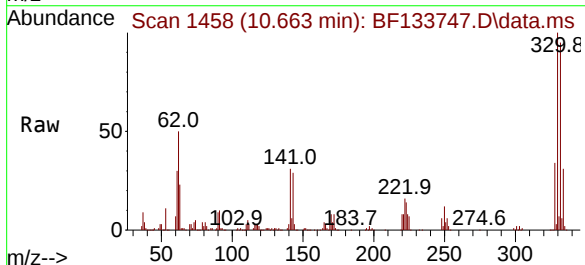
Instrument :
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PB153224TB

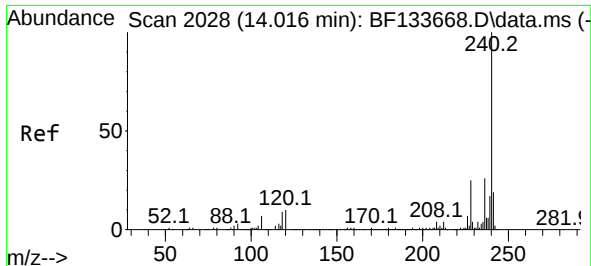
Tgt Ion:188 Resp: 495722
Ion Ratio Lower Upper
188 100
94 9.1 6.8 10.2
80 10.2 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 3.465 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

Tgt Ion:248 Resp: 19172
Ion Ratio Lower Upper
248 100
250 200.1 78.3 117.5#
141 534.3 69.0 103.6#

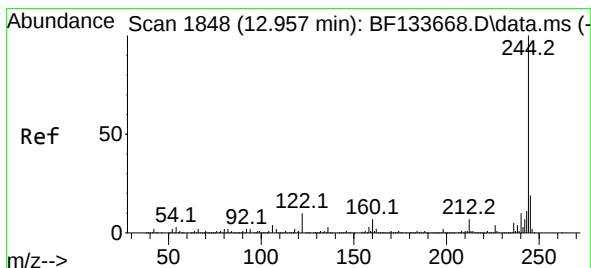
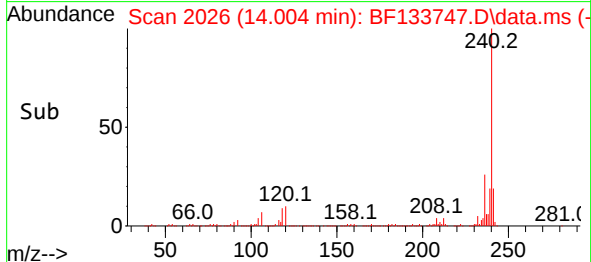
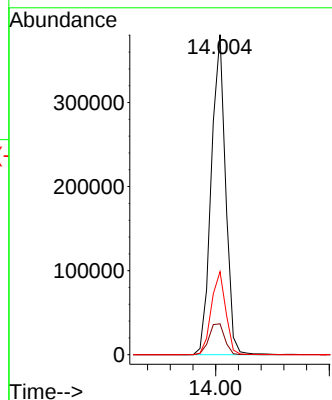
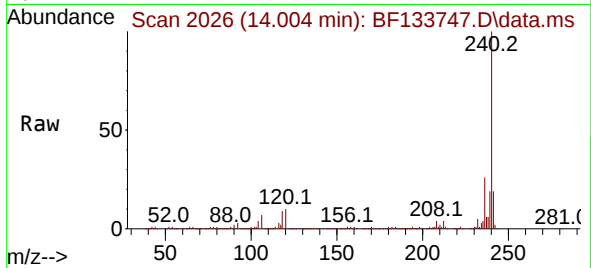




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

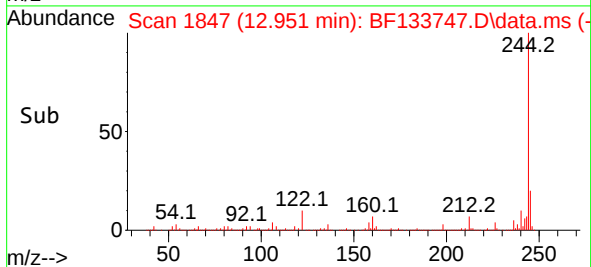
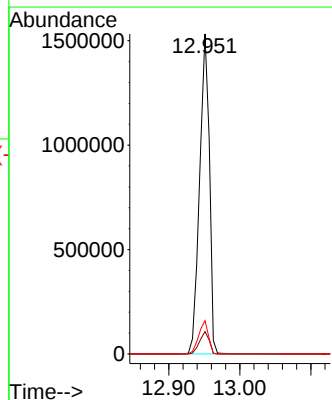
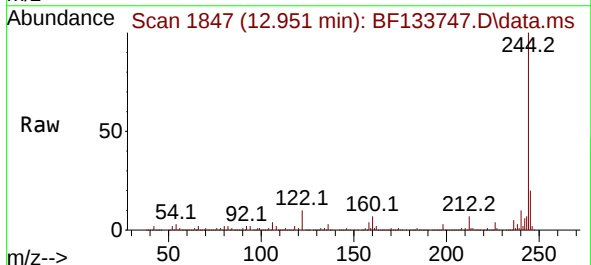
Instrument :
BNA_F
ClientSampleId :
PB153224TB

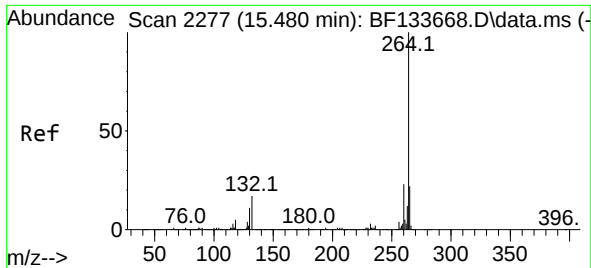
Tgt Ion:240 Resp: 331586
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.0 20.5 30.7



#79
Terphenyl-d14
Concen: 68.588 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF133747.D
Acq: 14 Jun 2023 12:05

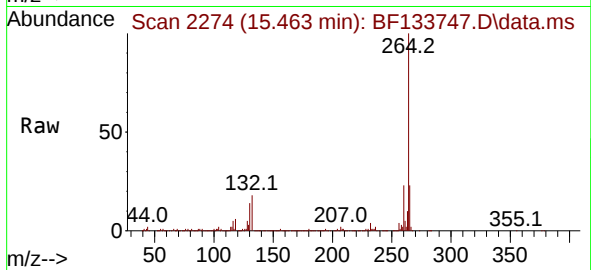
Tgt Ion:244 Resp: 1469787
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.4 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF133747.D
 Acq: 14 Jun 2023 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB153224TB



Tgt Ion:264 Resp: 248981
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 23.2 17.8 26.6

