

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129074.D
 Acq On : 30 Jun 2022 23:01
 Operator : CG\JU
 Sample : N3450-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH1-BOT-19

Quant Time: Jul 01 05:45:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

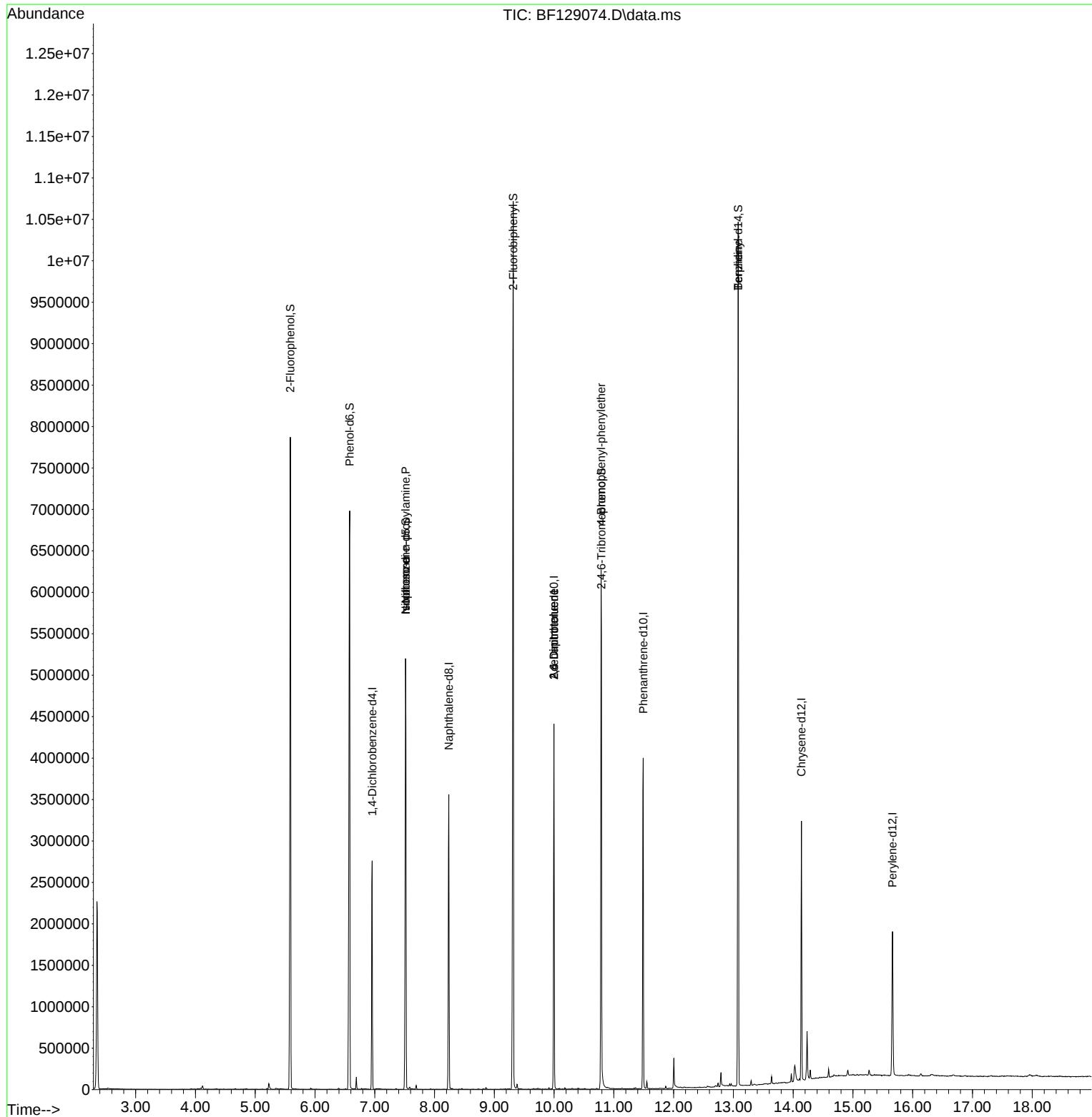
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	423148	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1596823	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	829315	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1479969	20.000	ng	0.00
76) Chrysene-d12	14.139	240	977239	20.000	ng	-0.01
86) Perylene-d12	15.662	264	798722	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2365378	94.506	ng	0.00
7) Phenol-d6	6.581	99	2936732	94.474	ng	0.00
23) Nitrobenzene-d5	7.516	82	1825208	68.177	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	849292	94.182	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3323036	64.103	ng	0.00
79) Terphenyl-d14	13.080	244	3609166	76.695	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	355	Below Cal	#	66
19) n-Nitroso-di-n-propyla...	7.516	70	243029	13.515	ng	# 72
25) Isophorone	7.516	82	1771863	39.162	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	108930	10.275	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	108930	8.323	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	52858	3.358	ng	# 1
77) Benizidine	13.080	184	52523	3.018	ng	# 93

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

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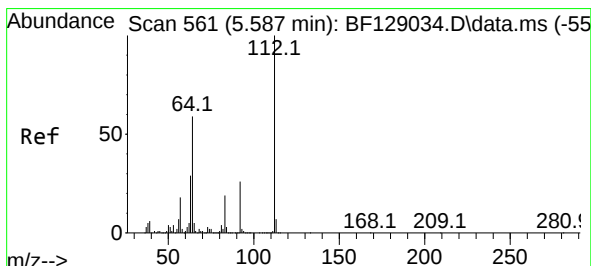
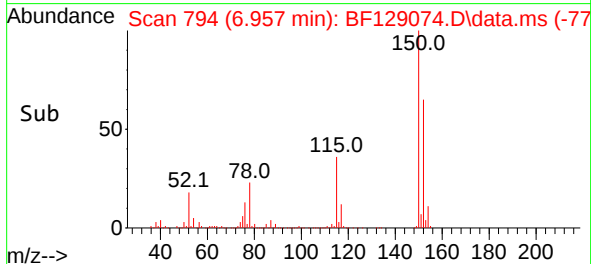
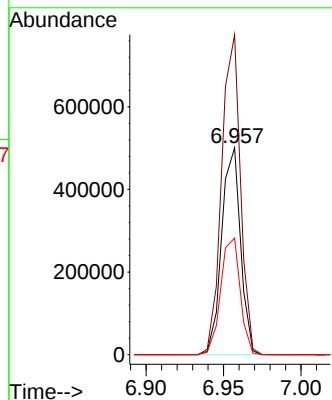
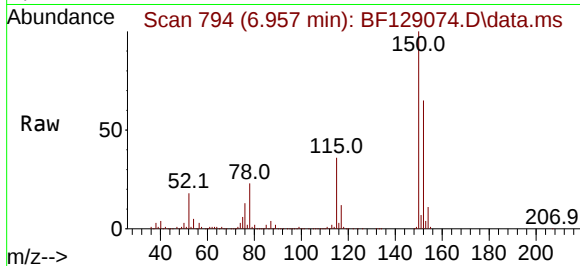




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

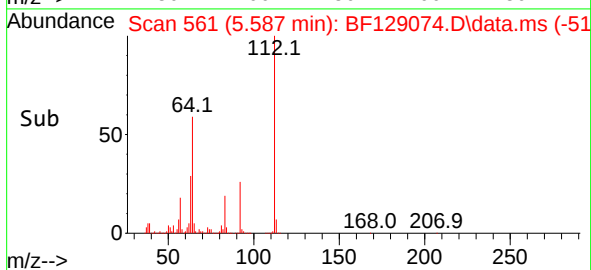
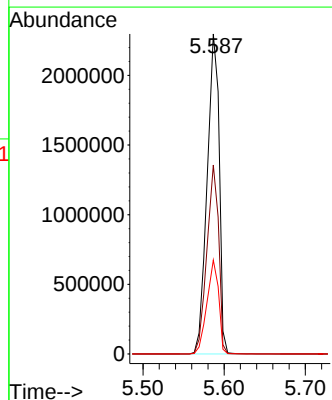
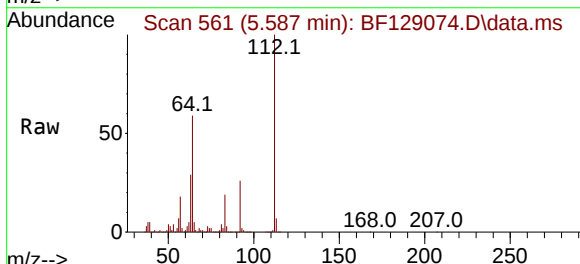
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-19

Tgt Ion:152 Resp: 423148
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 56.3 49.9 74.9



#5
2-Fluorophenol
Concen: 94.506 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

Tgt Ion:112 Resp: 2365378
Ion Ratio Lower Upper
112 100
64 59.1 53.3 79.9
63 29.4 28.0 42.0

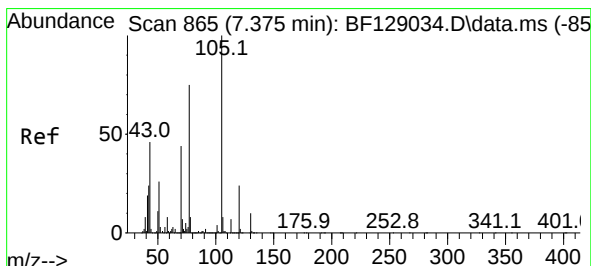
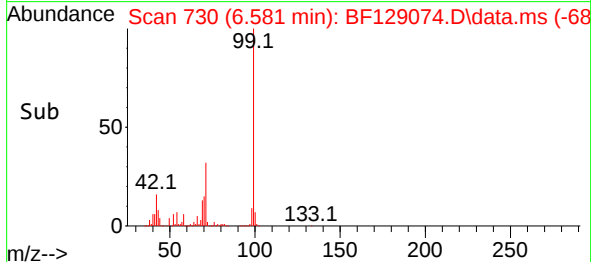
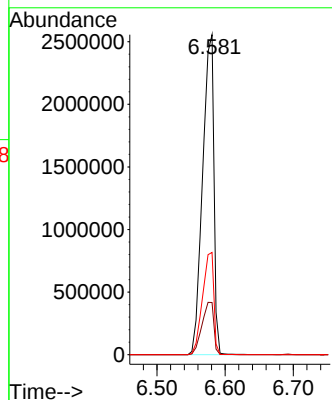
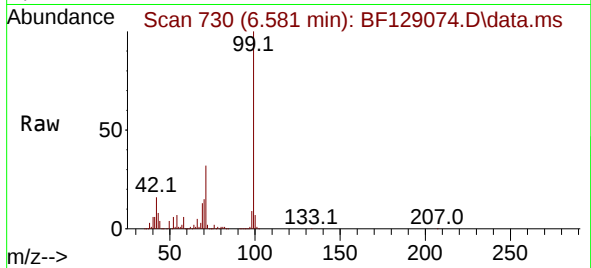




#7
Phenol-d6
Concen: 94.474 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

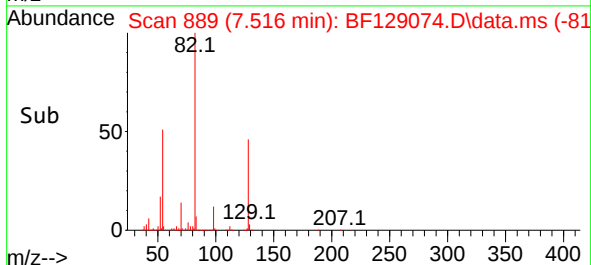
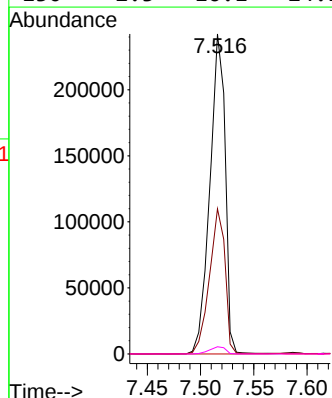
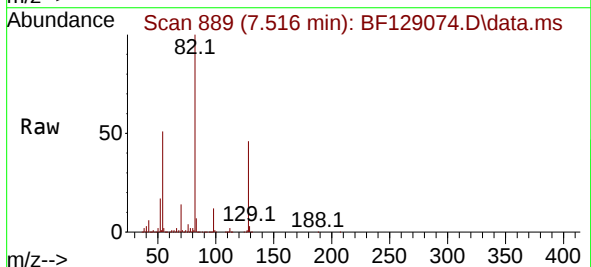
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-19

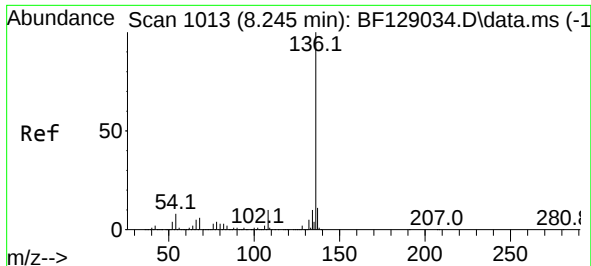
Tgt Ion: 99 Resp: 2936732
Ion Ratio Lower Upper
99 100
42 16.3 17.3 25.9#
71 31.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.515 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

Tgt Ion: 70 Resp: 243029
Ion Ratio Lower Upper
70 100
42 45.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

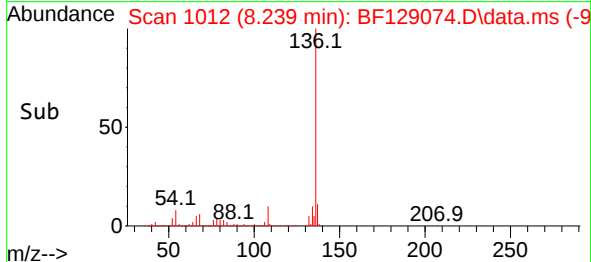
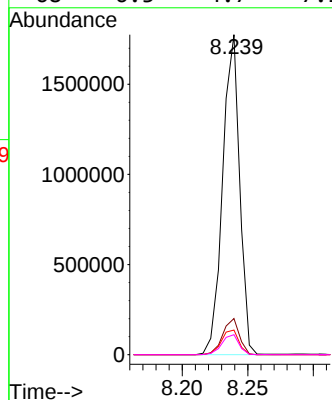
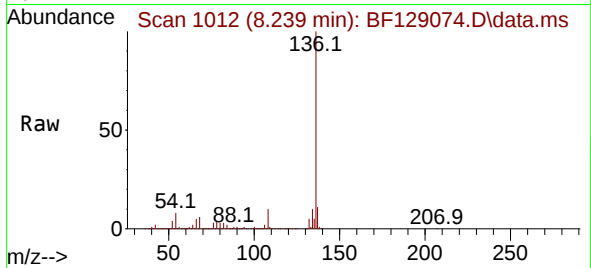




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

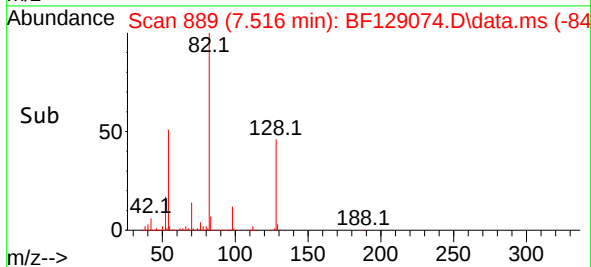
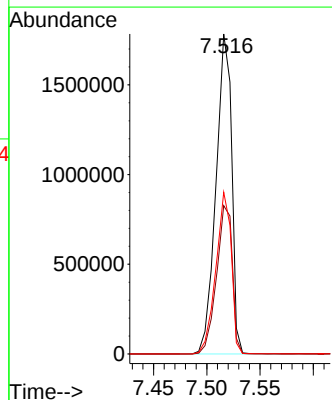
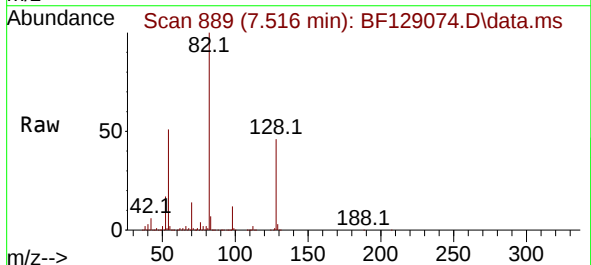
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-19

Tgt Ion:136 Resp: 1596823
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.7 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 68.177 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

Tgt Ion: 82 Resp: 1825208
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 50.5 46.9 70.3

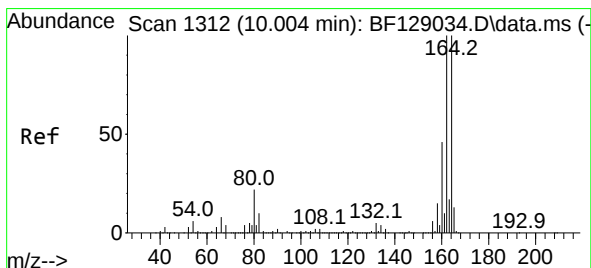
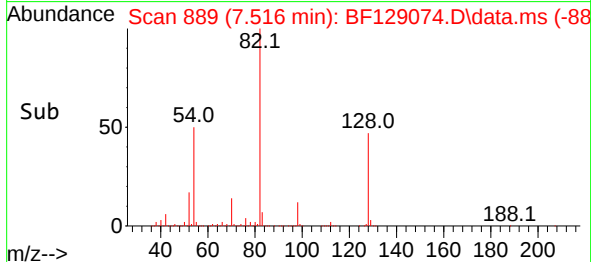
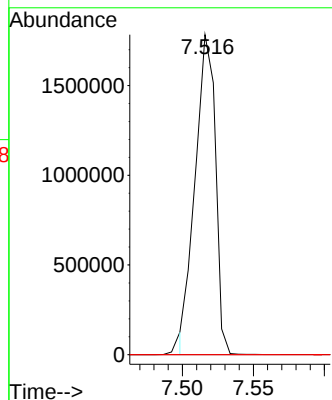
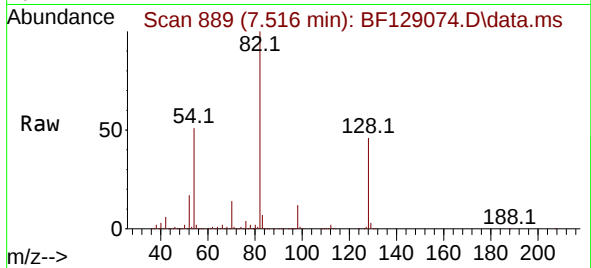




#25
Isophorone
Concen: 39.162 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

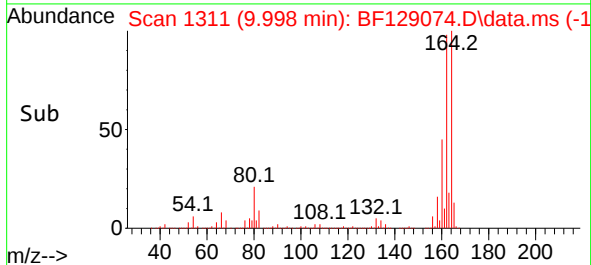
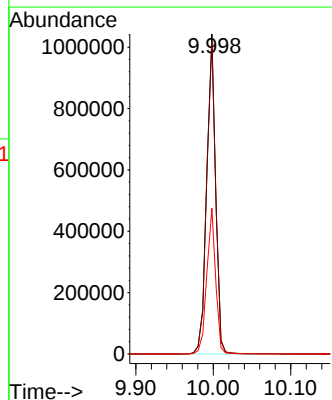
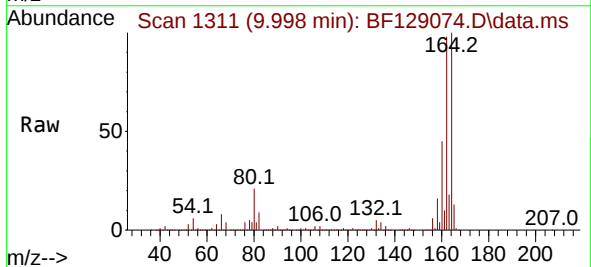
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-19

Tgt Ion: 82 Resp: 1771863
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

Tgt Ion: 164 Resp: 829315
Ion Ratio Lower Upper
164 100
162 97.7 79.5 119.3
160 45.5 34.2 51.4

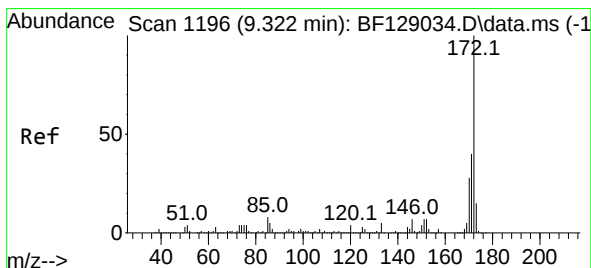
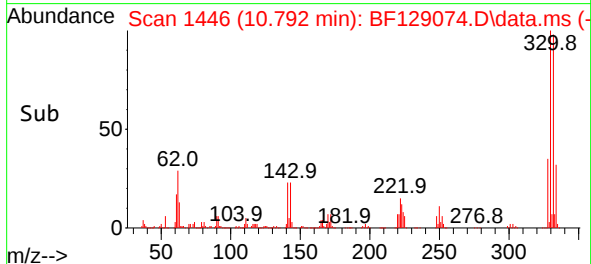
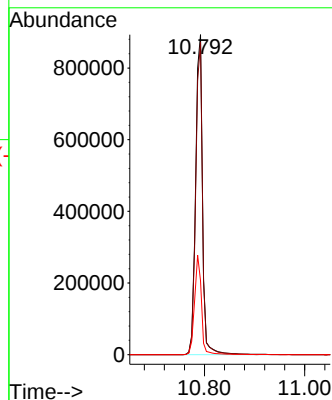
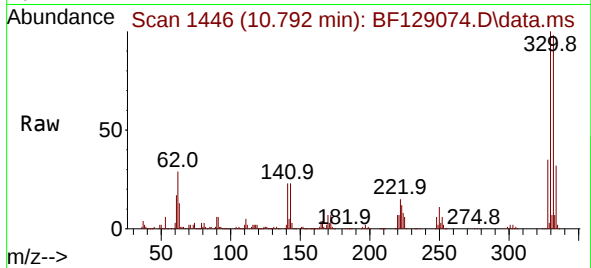




#42
2,4,6-Tribromophenol
Concen: 94.182 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

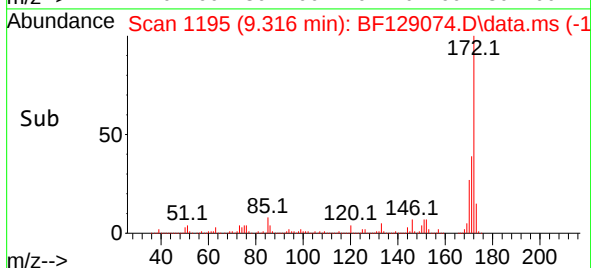
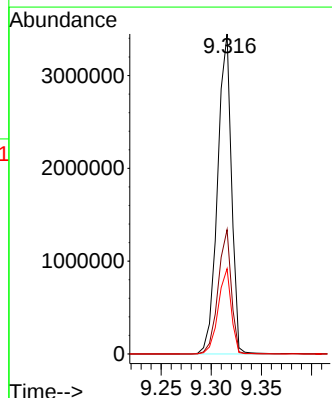
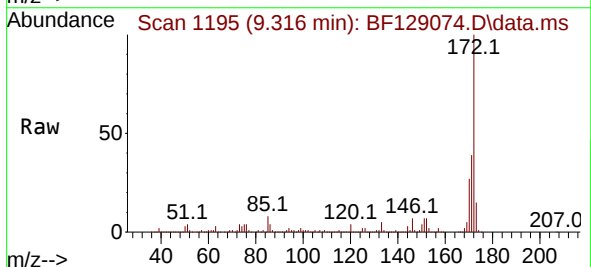
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-19

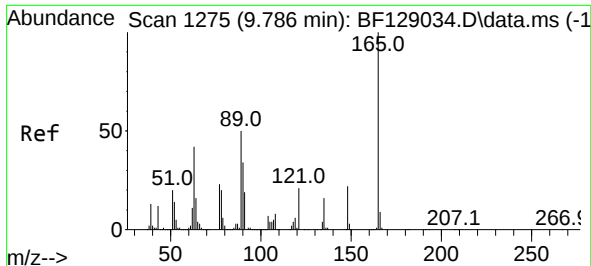
Tgt Ion:330 Resp: 849292
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 31.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 64.103 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

Tgt Ion:172 Resp: 3323036
Ion Ratio Lower Upper
172 100
171 38.9 28.8 43.2
170 26.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.275 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129074.D

Acq: 30 Jun 2022 23:01

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-19

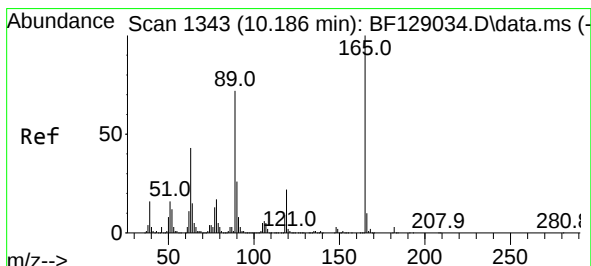
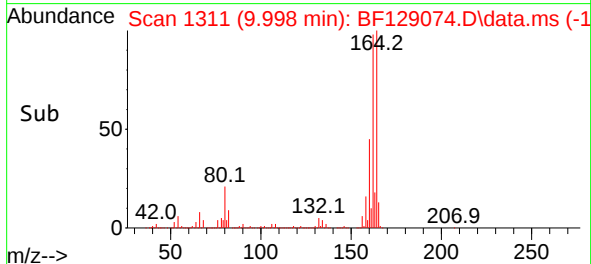
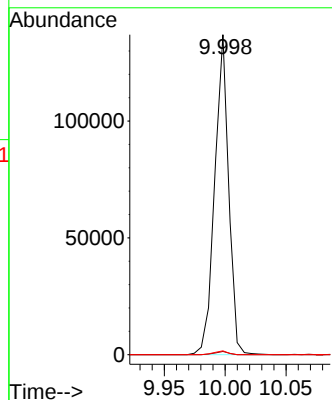
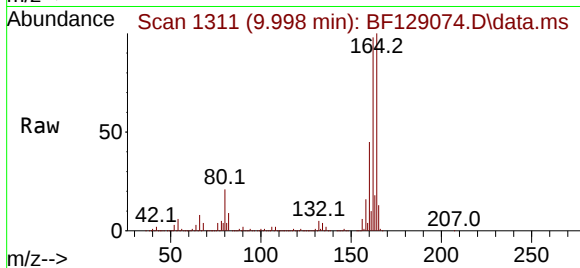
Tgt Ion:165 Resp: 108930

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.323 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129074.D

Acq: 30 Jun 2022 23:01

Tgt Ion:165 Resp: 108930

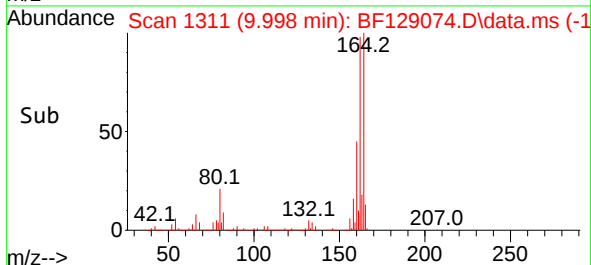
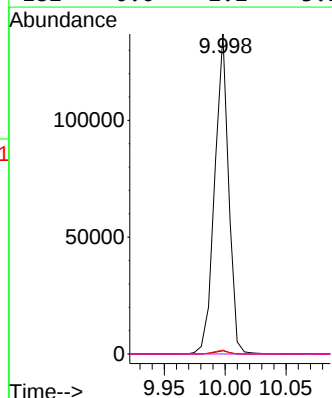
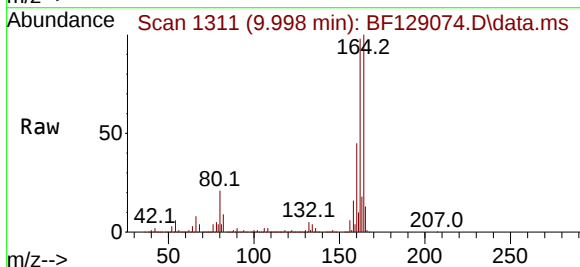
Ion Ratio Lower Upper

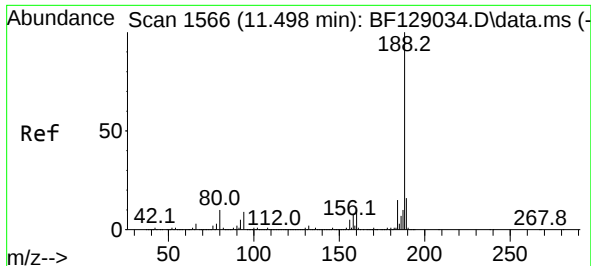
165 100

63 1.0 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

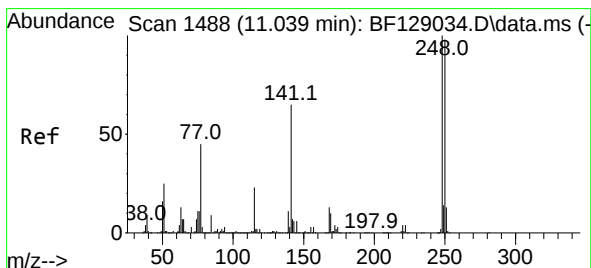
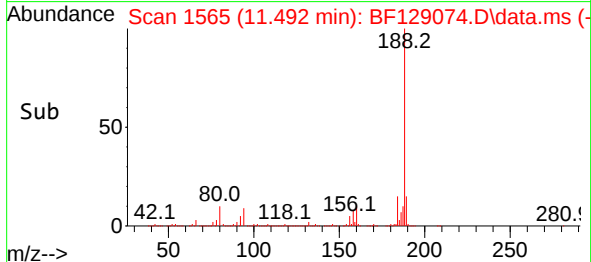
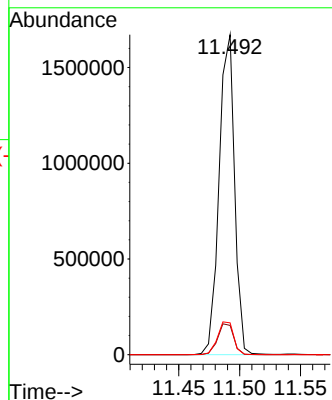
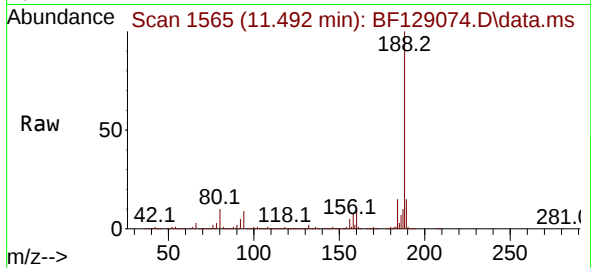




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

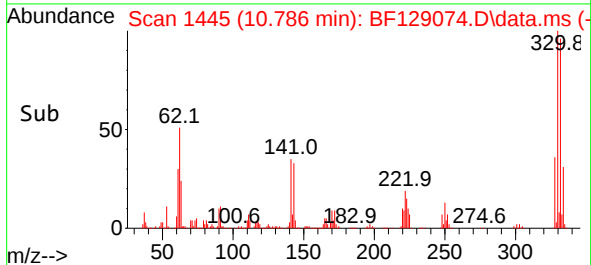
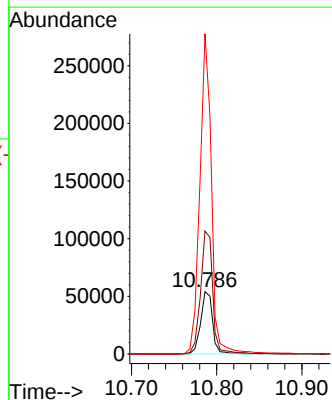
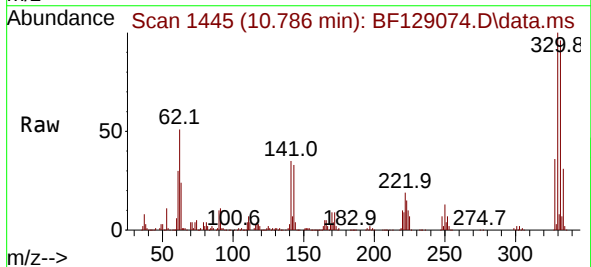
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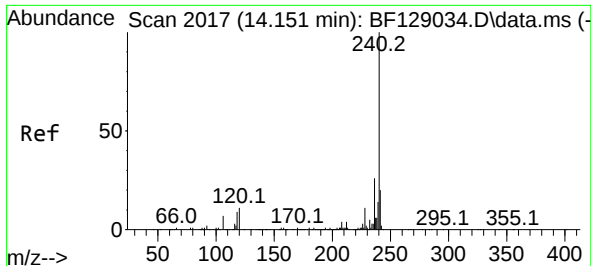
Tgt Ion:188 Resp: 1479969
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.358 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

Tgt Ion:248 Resp: 52858
Ion Ratio Lower Upper
248 100
250 197.3 80.6 120.8#
141 513.6 58.9 88.3#

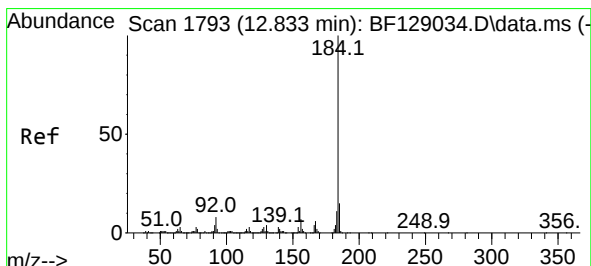
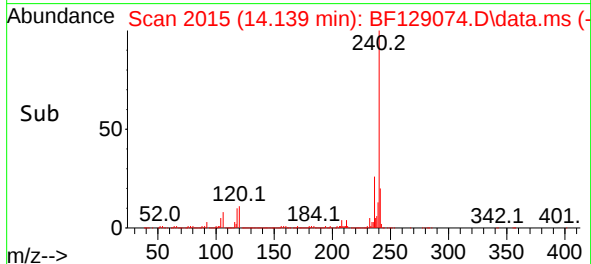
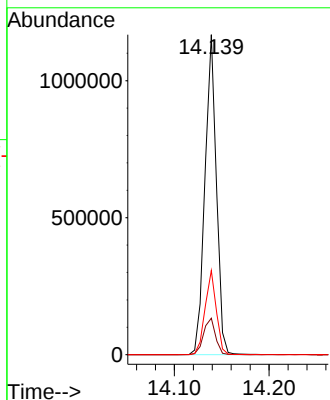
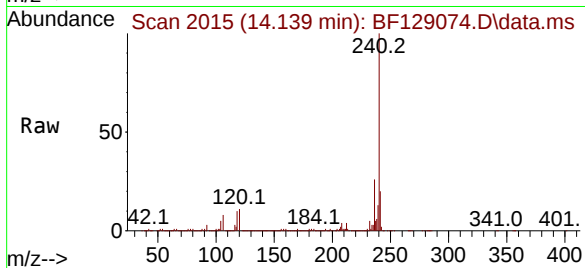




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

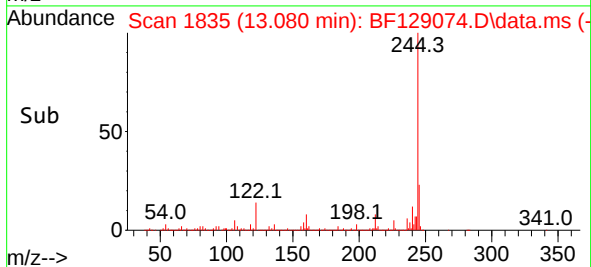
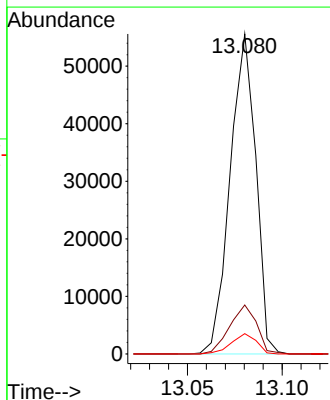
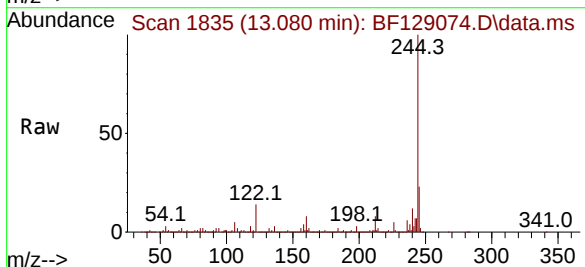
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-19

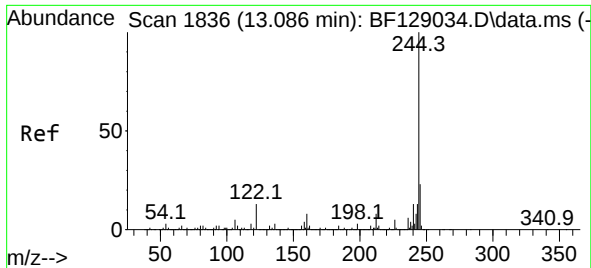
Tgt Ion:240 Resp: 977239
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.3 20.8 31.2



#77
Benzidine
Concen: 3.018 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129074.D
Acq: 30 Jun 2022 23:01

Tgt Ion:184 Resp: 52523
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 6.4 9.3 13.9#

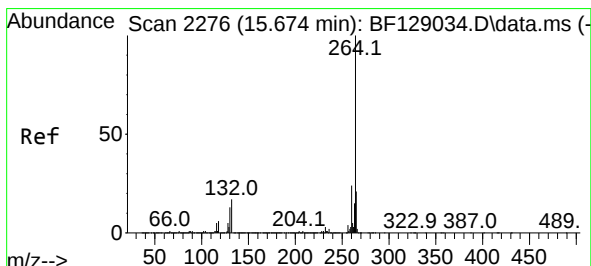
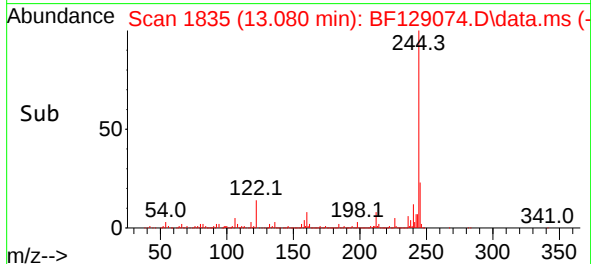
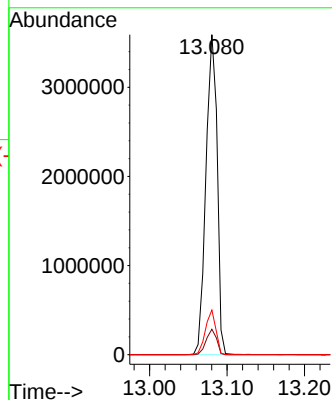
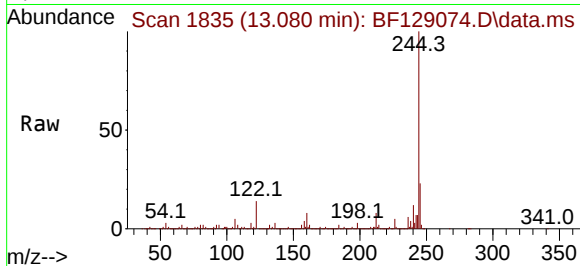




#79
 Terphenyl-d14
 Concen: 76.695 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129074.D
 Acq: 30 Jun 2022 23:01

Instrument :
 BNA_F
 ClientSampleId :
 PH1-BOT-19

Tgt Ion:244 Resp: 3609166
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 13.9 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129074.D
 Acq: 30 Jun 2022 23:01

Tgt Ion:264 Resp: 798722
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.3 17.2 25.8

