

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129056.D
 Acq On : 30 Jun 2022 13:54
 Operator : CG\JU
 Sample : PB145775BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145775BL

Quant Time: Jul 01 05:42:09 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)

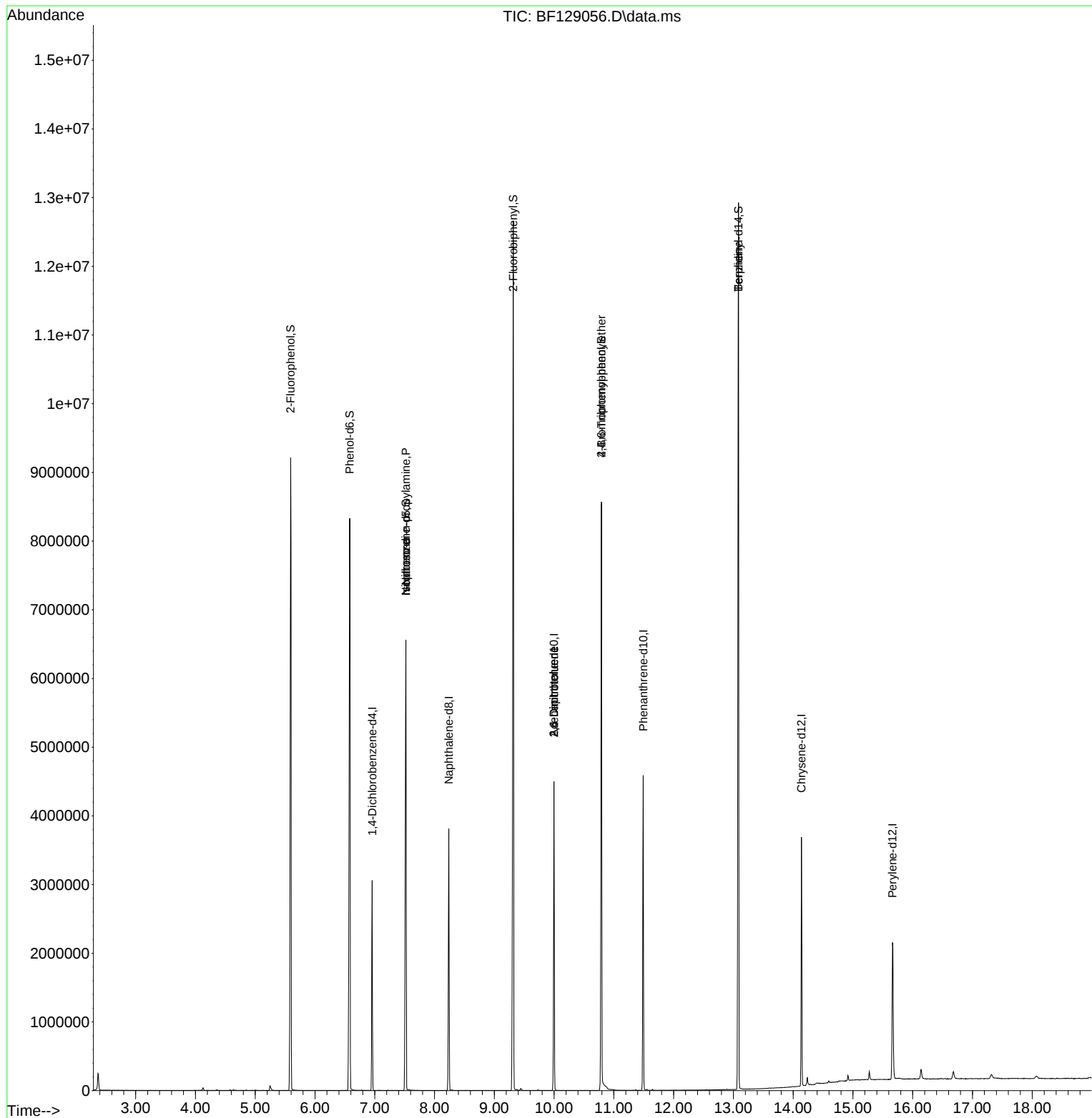
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	429152	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1653513	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	869719	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1567054	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1139406	20.000	ng	-0.01
86) Perylene-d12	15.662	264	918091	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	2994693	117.975	ng	0.00
7) Phenol-d6	6.581	99	3702929	117.455	ng	0.00
23) Nitrobenzene-d5	7.522	82	2324415	83.848	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1136026	120.127	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4159391	76.509	ng	0.00
79) Terphenyl-d14	13.086	244	4634528	84.467	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.587	77	5947	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	309375	16.964	ng	# 71
25) Isophorone	7.522	82	2270722	48.467	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	113777	10.233	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	113777	8.289	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	66646	3.998	ng	# 1
77) Benizidine	13.086	184	68891	3.396	ng	# 94

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

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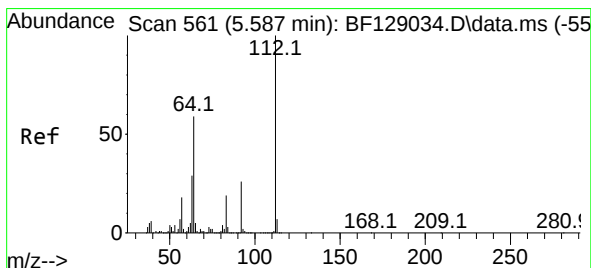
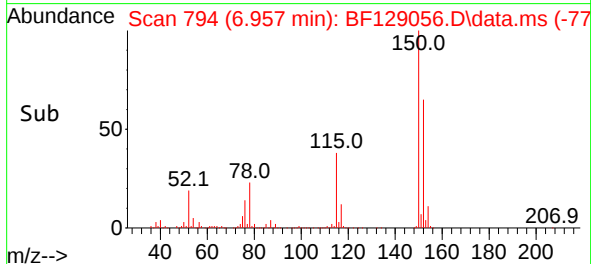
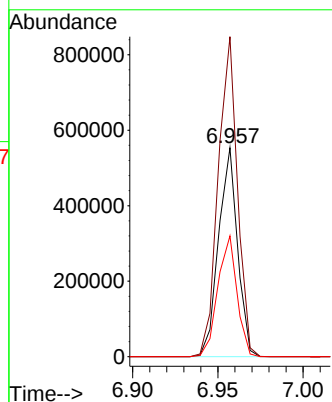
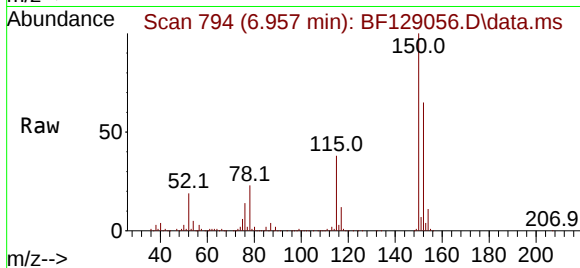




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129056.D
 Acq: 30 Jun 2022 13:54

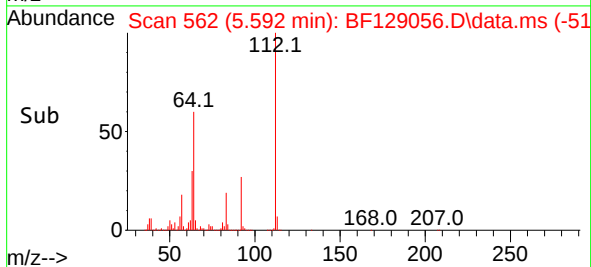
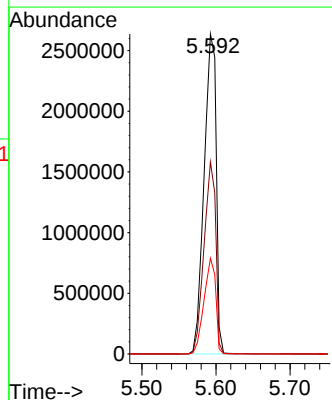
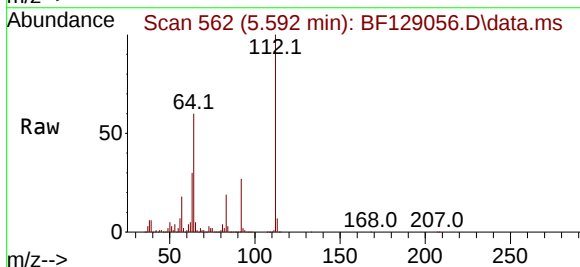
Instrument :
 BNA_F
 ClientSampleId :
 PB145775BL

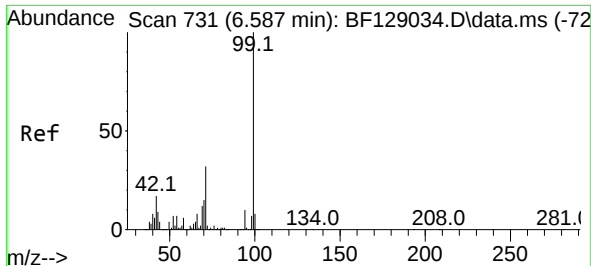
Tgt Ion:152 Resp: 429152
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.7 185.5
 115 57.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 117.975 ng
 RT: 5.592 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF129056.D
 Acq: 30 Jun 2022 13:54

Tgt Ion:112 Resp: 2994693
 Ion Ratio Lower Upper
 112 100
 64 60.0 53.3 79.9
 63 29.9 28.0 42.0

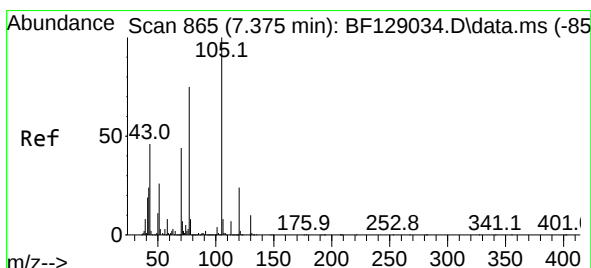
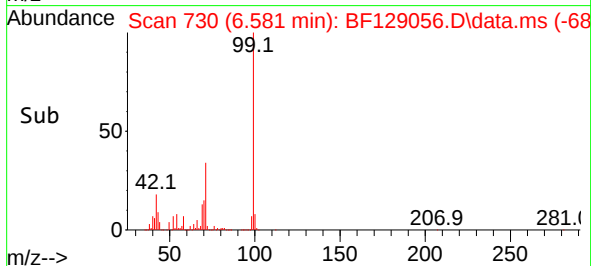
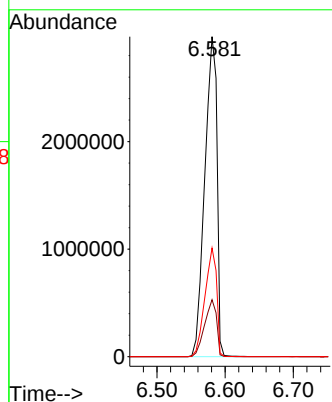
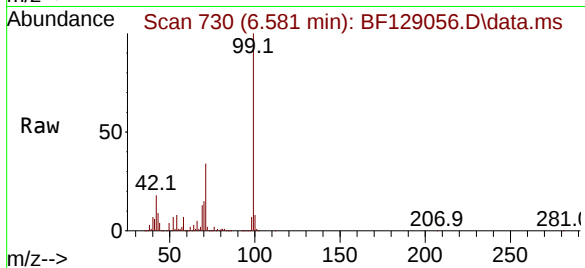




#7
Phenol-d6
Concen: 117.455 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

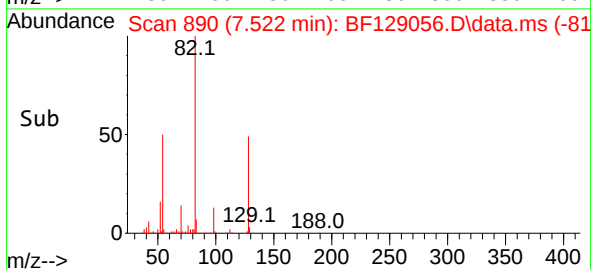
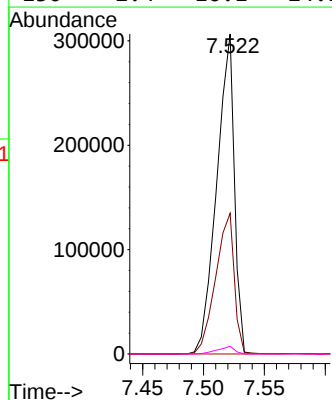
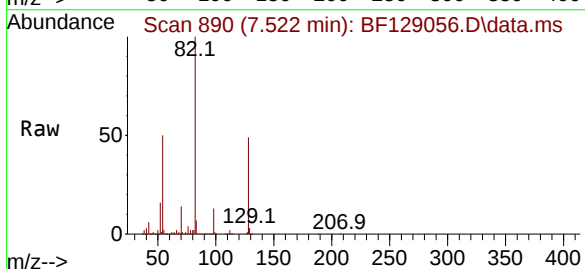
Instrument :
BNA_F
ClientSampleId :
PB145775BL

Tgt Ion: 99 Resp: 3702929
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 34.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.964 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

Tgt Ion: 70 Resp: 309375
Ion Ratio Lower Upper
70 100
42 44.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#

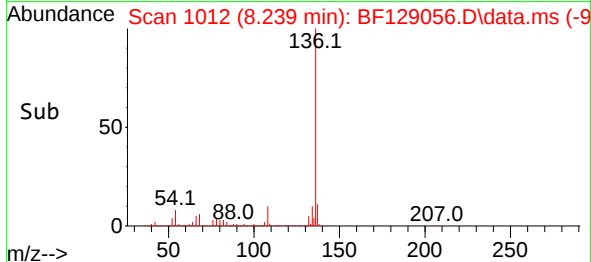
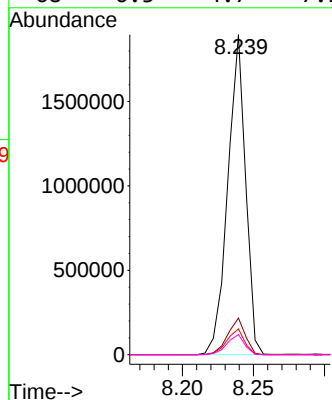
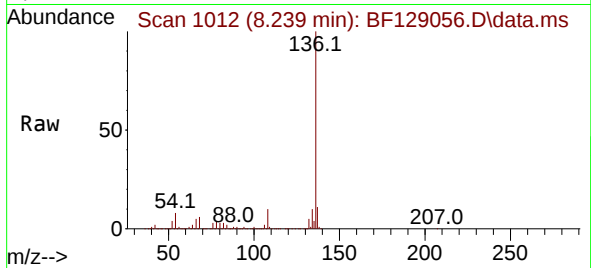




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

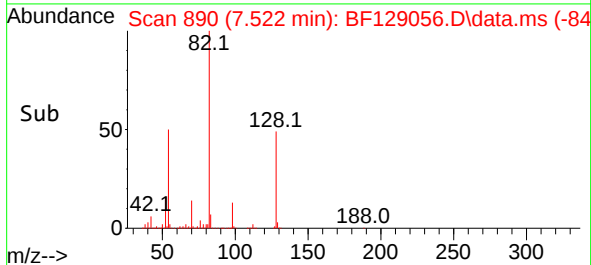
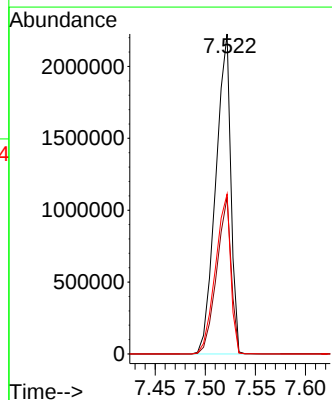
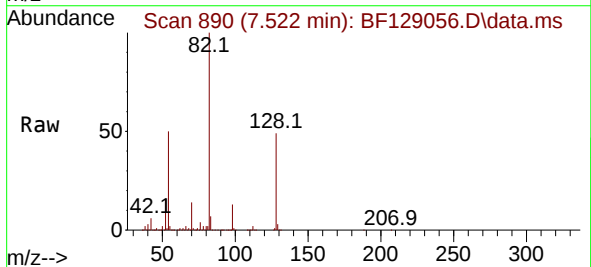
Instrument :
BNA_F
ClientSampleId :
PB145775BL

Tgt Ion:136 Resp: 1653513
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.1 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 83.848 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

Tgt Ion: 82 Resp: 2324415
Ion Ratio Lower Upper
82 100
128 49.0 34.0 51.0
54 50.0 46.9 70.3

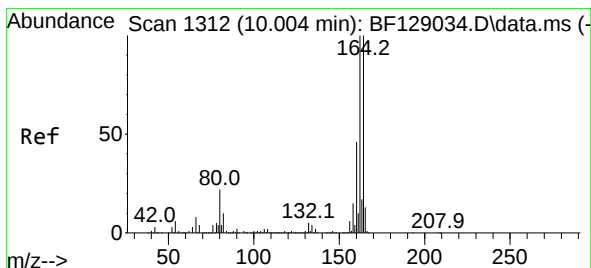
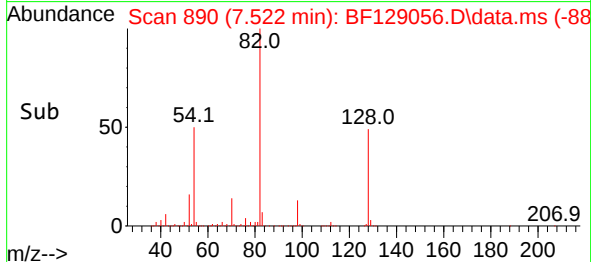
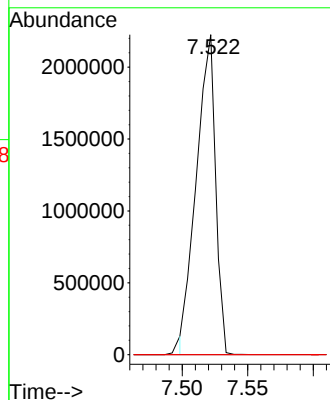
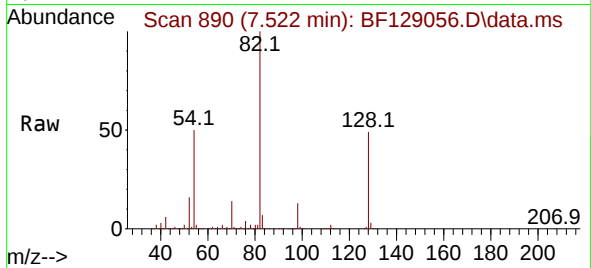




#25
Isophorone
Concen: 48.467 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.271 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

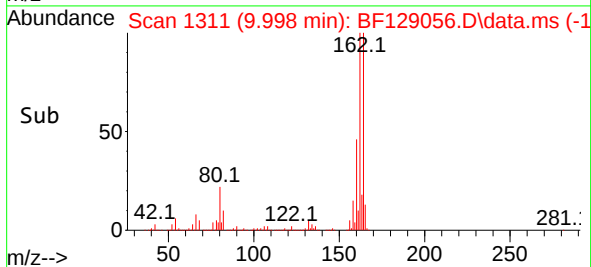
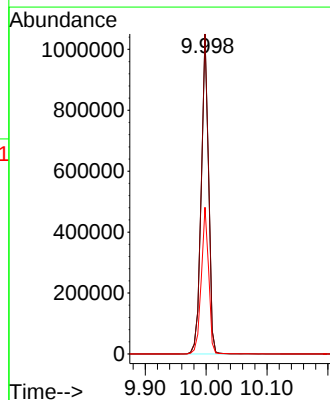
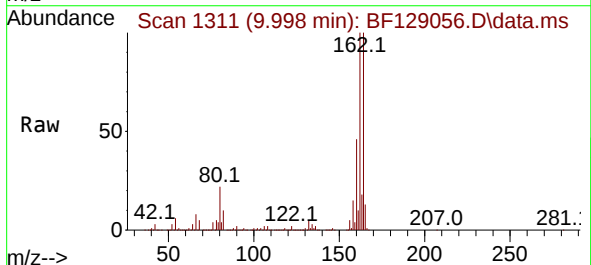
Instrument :
BNA_F
ClientSampleId :
PB145775BL

Tgt Ion: 82 Resp: 2270722
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: BF129056.D
Acq: 30 Jun 2022 13:54

Tgt Ion:164 Resp: 869719
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 46.0 34.2 51.4

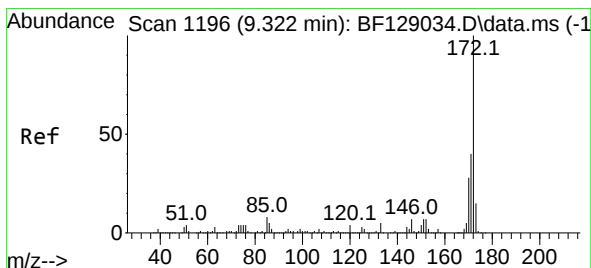
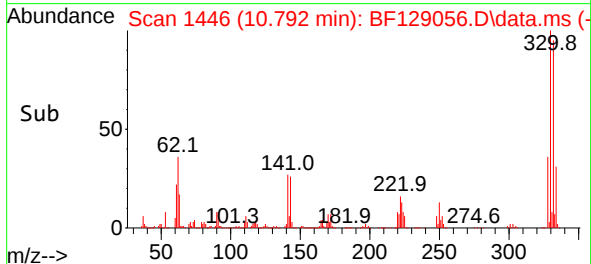
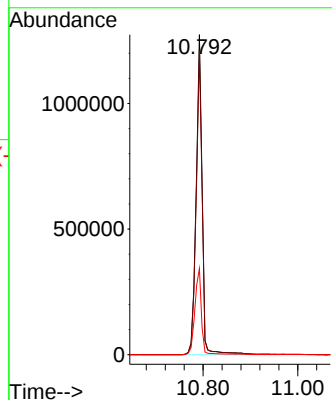
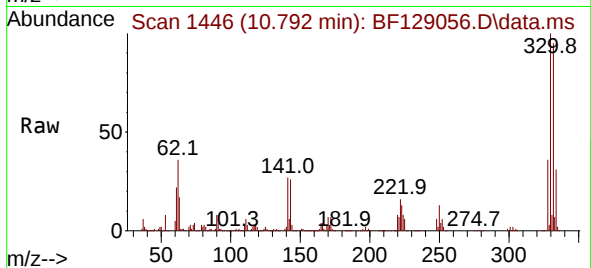




#42
2,4,6-Tribromophenol
Concen: 120.127 ng
RT: 10.792 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

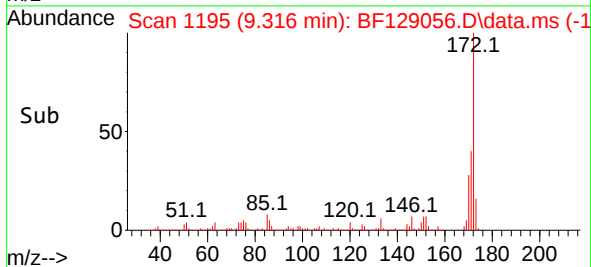
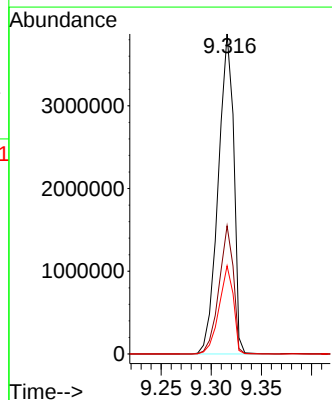
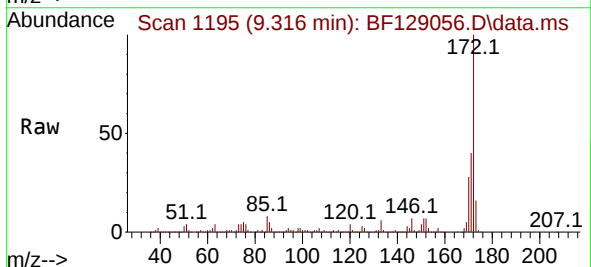
Instrument :
BNA_F
ClientSampleId :
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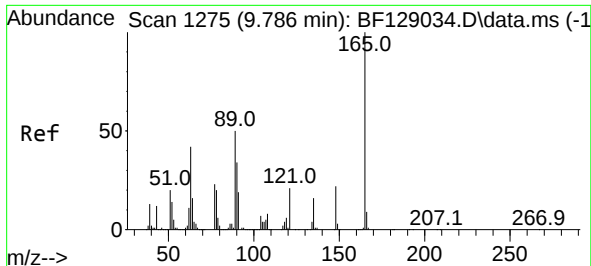
Tgt Ion:330 Resp: 1136026
Ion Ratio Lower Upper
330 100
332 94.8 76.8 115.2
141 29.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 76.509 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

Tgt Ion:172 Resp: 4159391
Ion Ratio Lower Upper
172 100
171 40.0 28.8 43.2
170 27.5 19.8 29.8

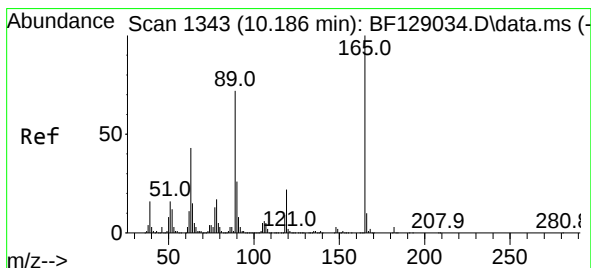
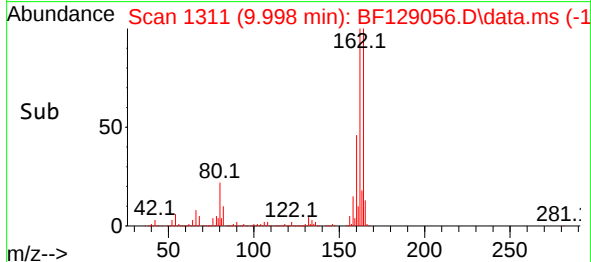
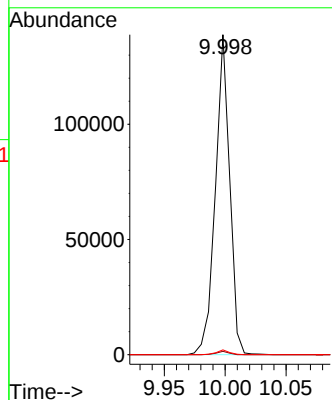
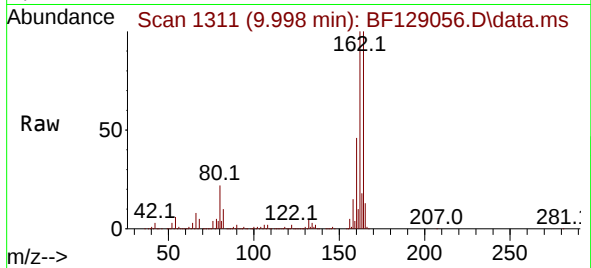




#51
2,6-Dinitrotoluene
Concen: 10.233 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

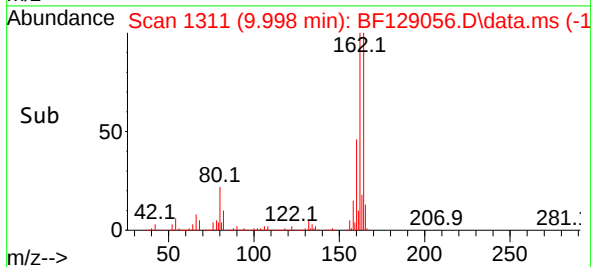
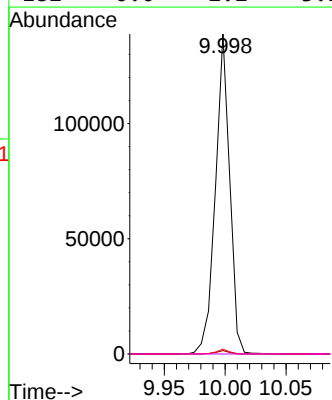
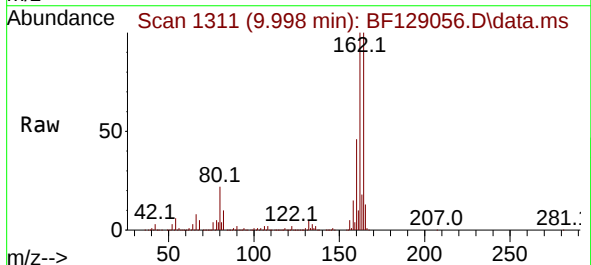
Instrument :
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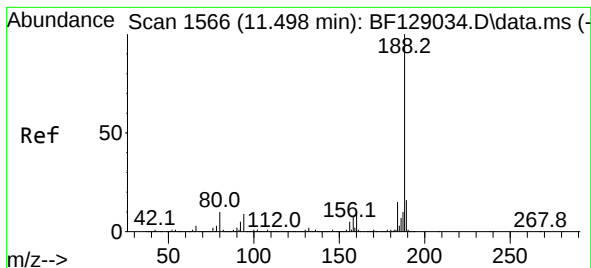
Tgt Ion:165 Resp: 113777
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.289 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

Tgt Ion:165 Resp: 113777
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129056.D

Acq: 30 Jun 2022 13:54

Instrument :

BNA_F

ClientSampleId :

PB145775BL

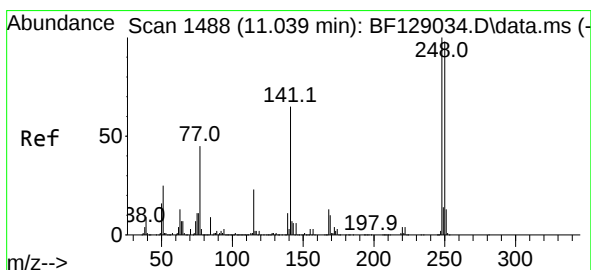
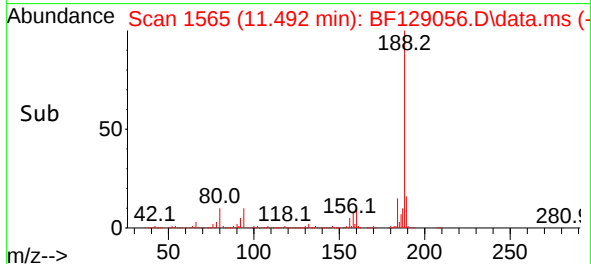
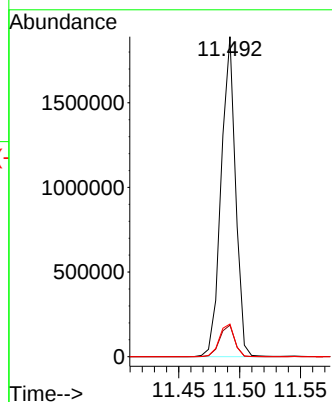
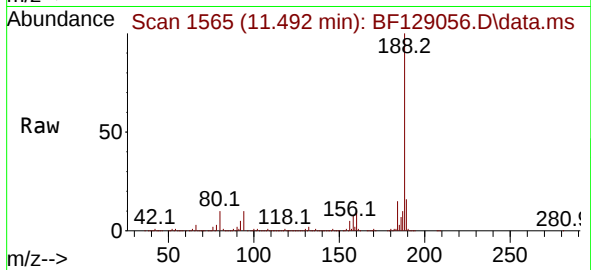
Tgt Ion:188 Resp: 1567054

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.998 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129056.D

Acq: 30 Jun 2022 13:54

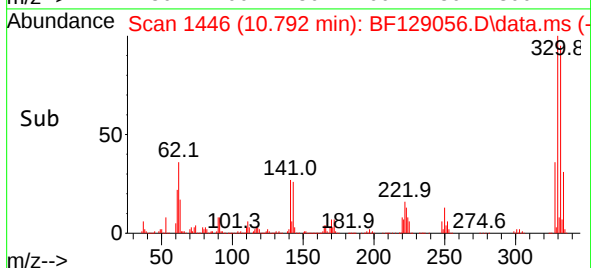
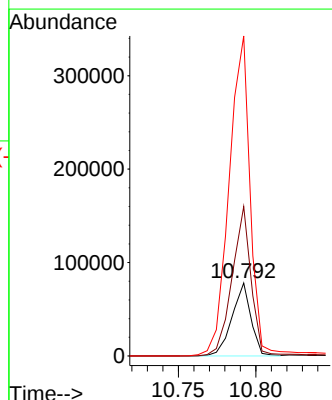
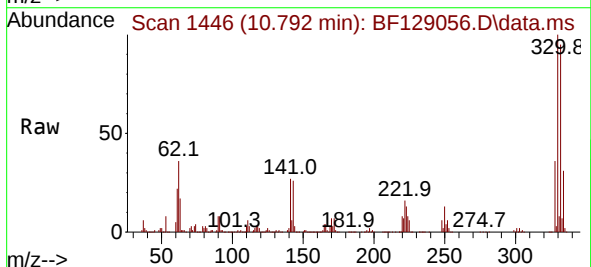
Tgt Ion:248 Resp: 66646

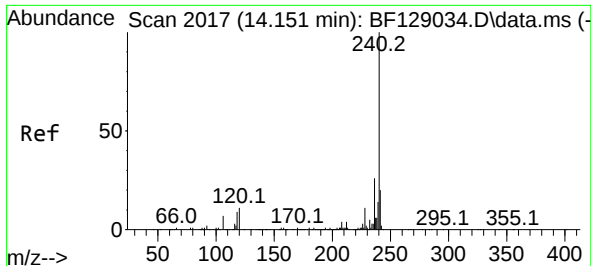
Ion Ratio Lower Upper

248 100

250 204.7 80.6 120.8#

141 438.2 58.9 88.3#

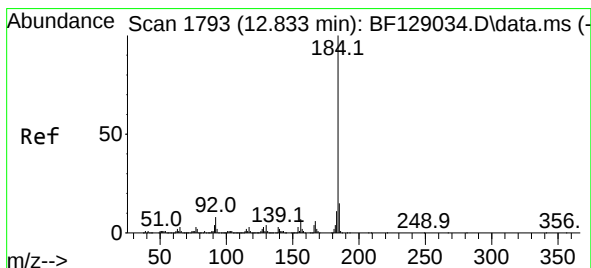
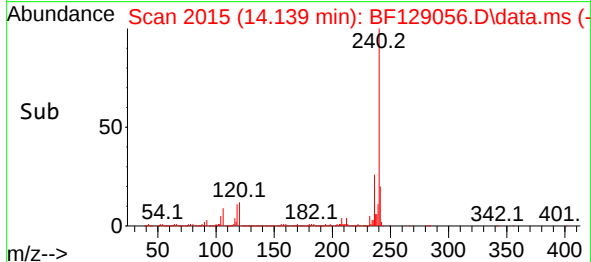
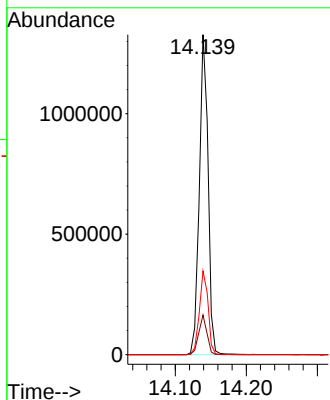
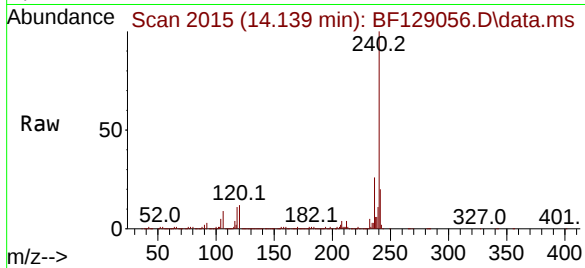




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

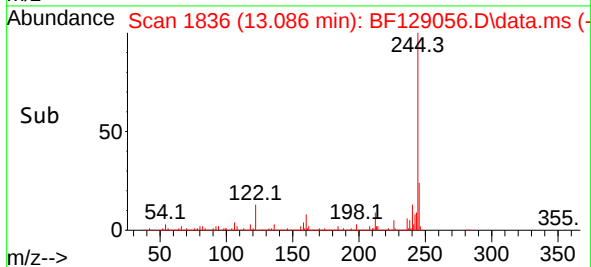
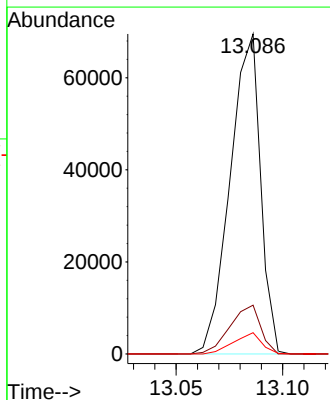
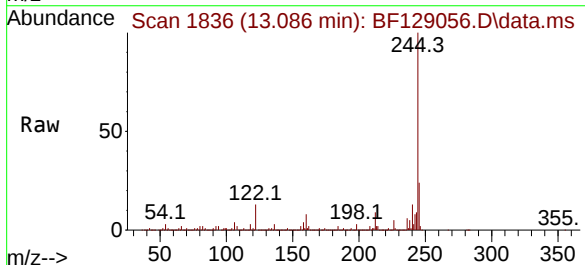
Instrument :
BNA_F
ClientSampleId :
PB145775BL

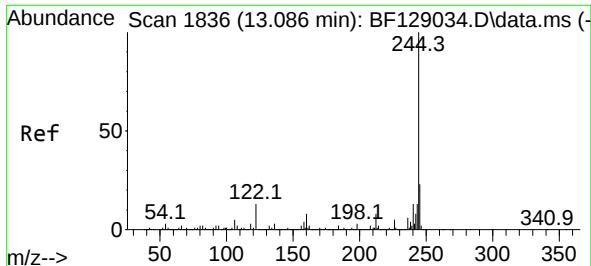
Tgt Ion:240 Resp: 1139406
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.2 20.8 31.2



#77
Benzidine
Concen: 3.396 ng
RT: 13.086 min Scan# 1836
Delta R.T. 0.253 min
Lab File: BF129056.D
Acq: 30 Jun 2022 13:54

Tgt Ion:184 Resp: 68891
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 6.7 9.3 13.9#

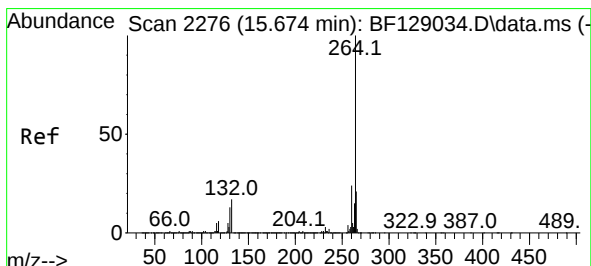
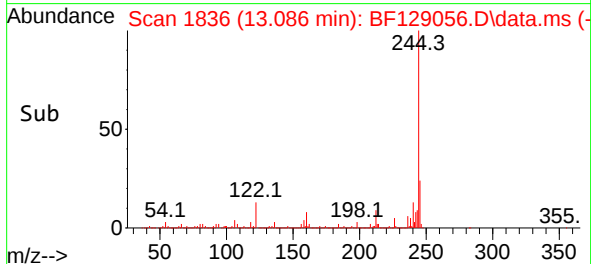
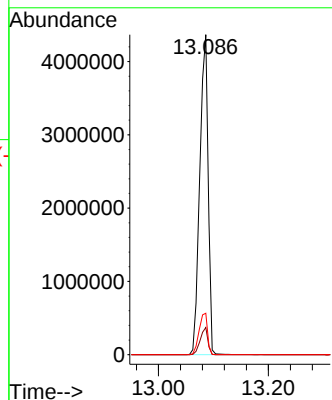
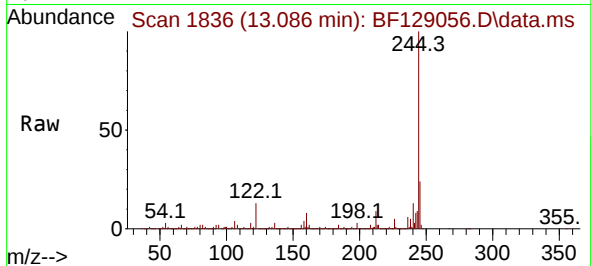




#79
 Terphenyl-d14
 Concen: 84.467 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129056.D
 Acq: 30 Jun 2022 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB145775BL

Tgt Ion:244 Resp: 4634528
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.1 9.1
 122 13.0 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: BF129056.D
 Acq: 30 Jun 2022 13:54

Tgt Ion:264 Resp: 918091
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.1 17.2 25.8

