

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129049.D
 Acq On : 30 Jun 2022 10:28
 Operator : CG\JU
 Sample : PB145806BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145806BL

Quant Time: Jul 01 05:40:38 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)

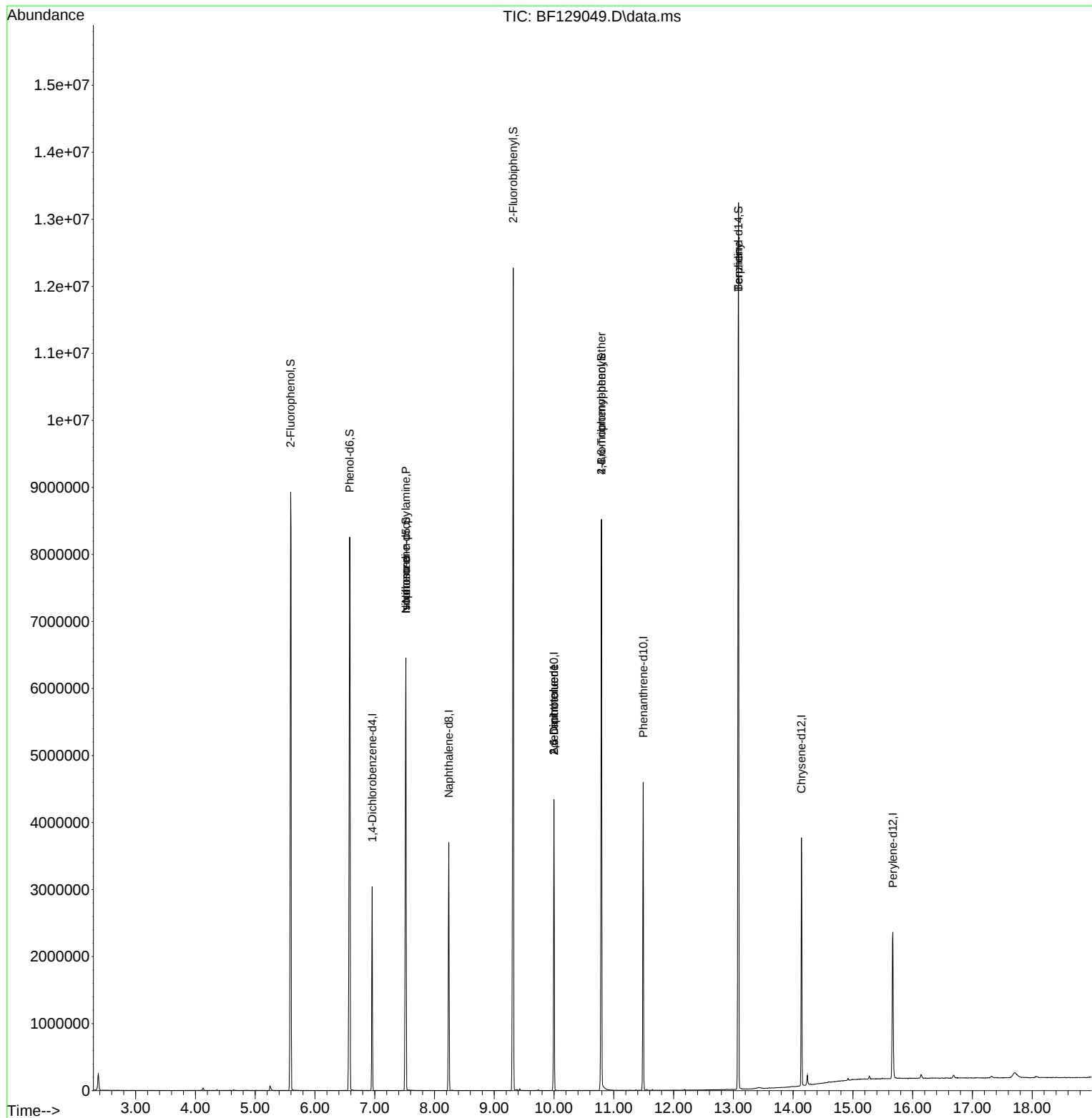
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	416634	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1608270	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	854211	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1566965	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1198521	20.000	ng	-0.01
86) Perylene-d12	15.668	264	994711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	2922230	118.579	ng	0.00
7) Phenol-d6	6.581	99	3611361	117.993	ng	0.00
23) Nitrobenzene-d5	7.522	82	2261347	83.867	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1115196	120.065	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4131133	77.369	ng	0.00
79) Terphenyl-d14	13.086	244	4627544	80.180	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.581	77	5526	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	299763	16.931	ng	# 71
25) Isophorone	7.522	82	2218273	48.679	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	112575	10.309	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	112575	8.351	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	68353	4.101	ng	# 1
77) Benzidine	13.086	184	68054	3.189	ng	# 92

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

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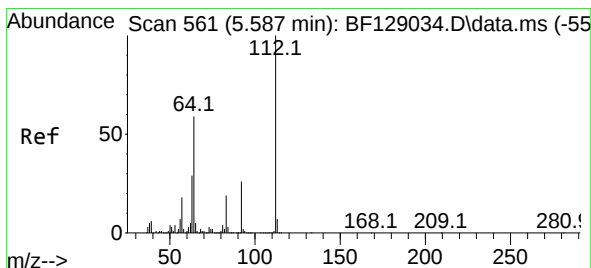
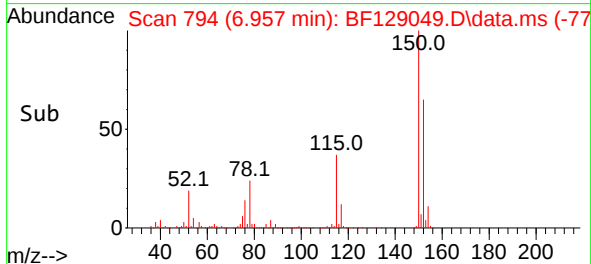
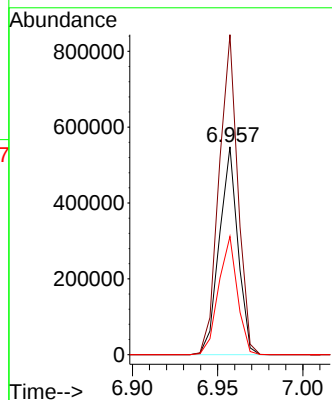
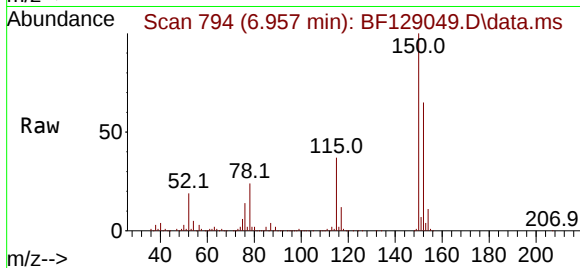




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

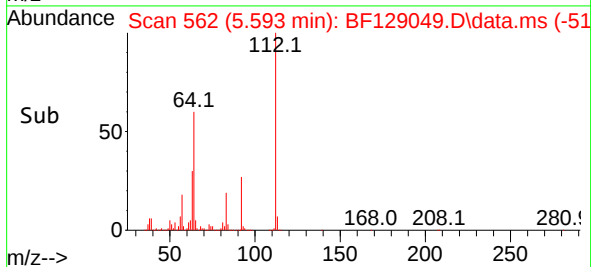
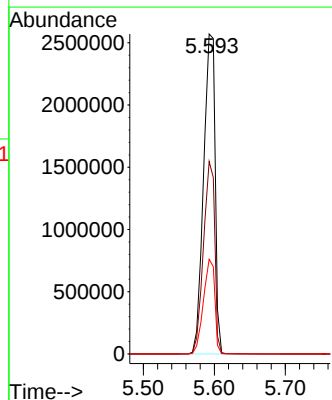
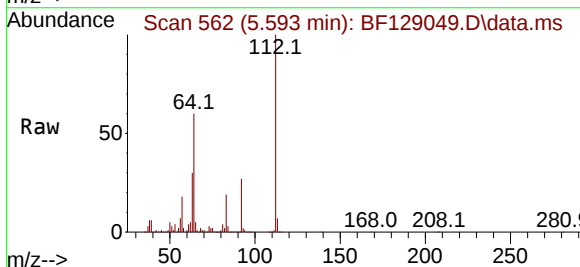
Instrument :
BNA_F
ClientSampleId :
PB145806BL

Tgt Ion:152 Resp: 416634
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 56.9 49.9 74.9



#5
2-Fluorophenol
Concen: 118.579 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

Tgt Ion:112 Resp: 2922230
Ion Ratio Lower Upper
112 100
64 60.2 53.3 79.9
63 29.6 28.0 42.0

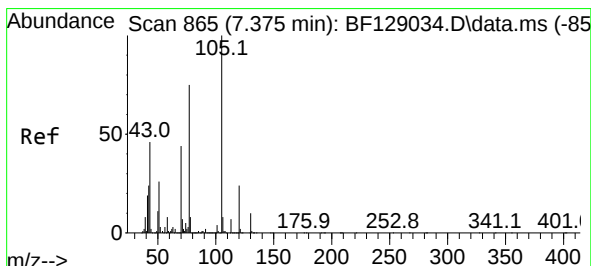
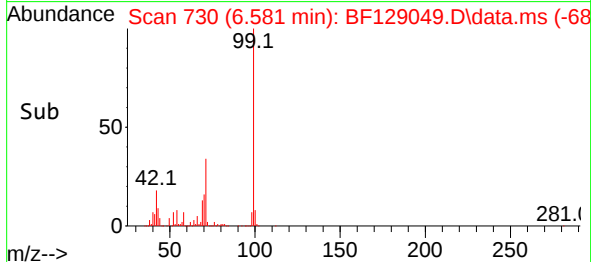
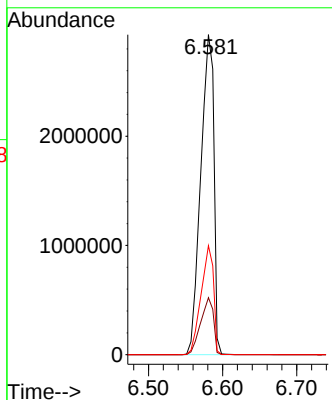
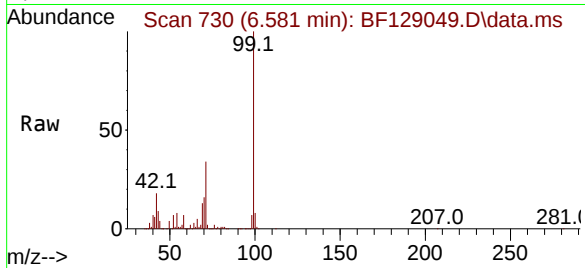




#7
Phenol-d6
Concen: 117.993 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

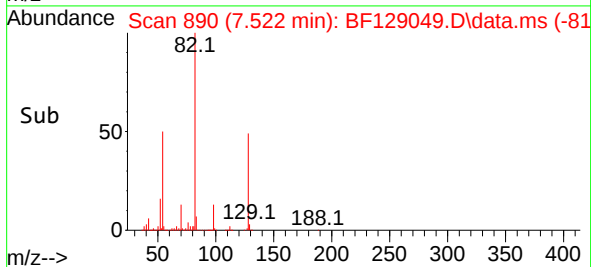
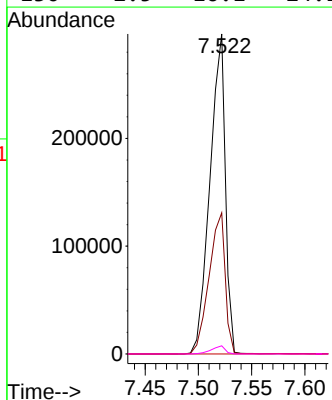
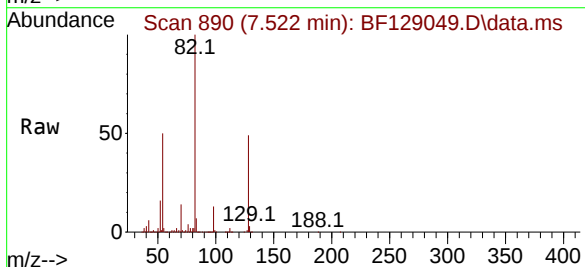
Instrument :
BNA_F
ClientSampleId :
PB145806BL

Tgt Ion: 99 Resp: 3611361
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 34.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.931 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

Tgt Ion: 70 Resp: 299763
Ion Ratio Lower Upper
70 100
42 44.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.5 16.1 24.1#



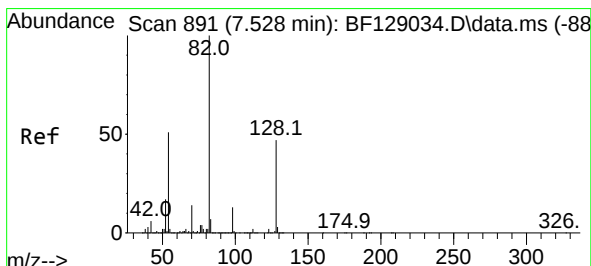
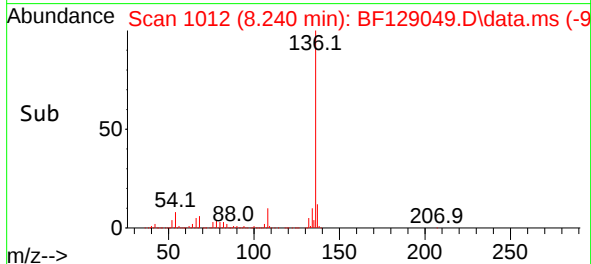
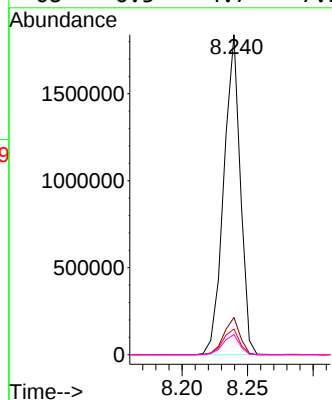
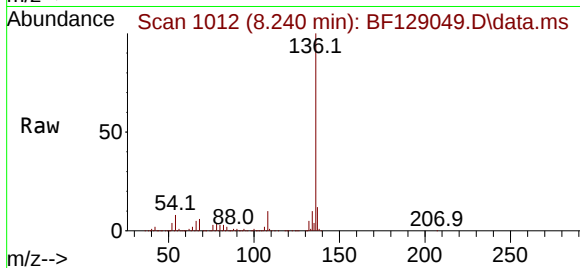


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

Instrument :
BNA_F
ClientSampleId :
PB145806BL

Tgt Ion:136 Resp: 1608270

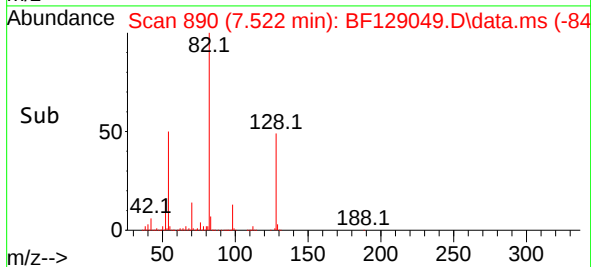
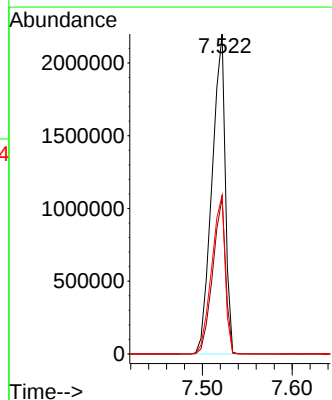
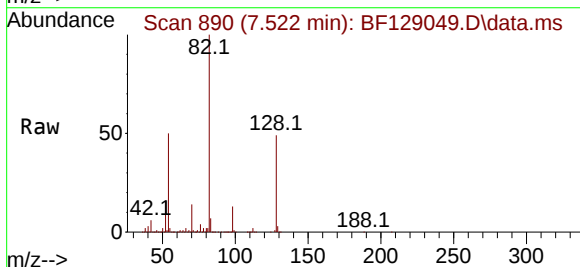
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.0	7.5	11.3
68	6.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 83.867 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

Tgt Ion: 82 Resp: 2261347

Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	49.6	46.9	70.3

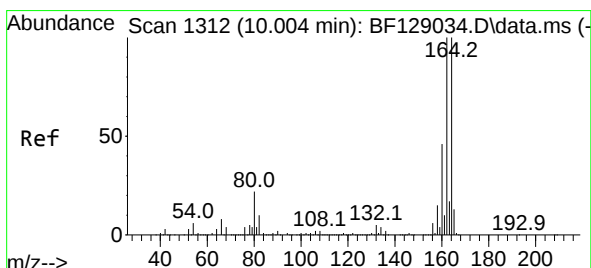
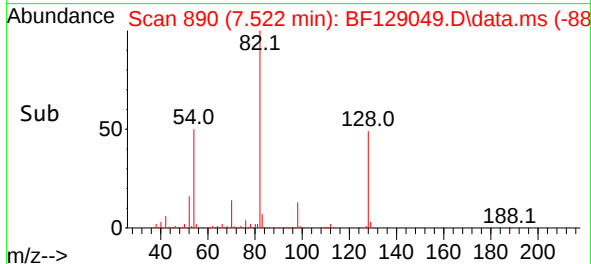
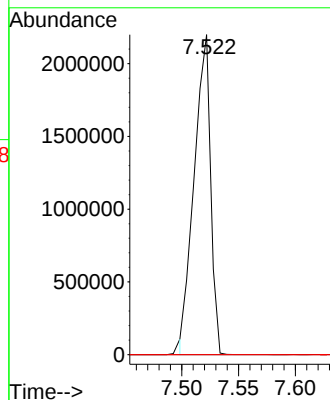
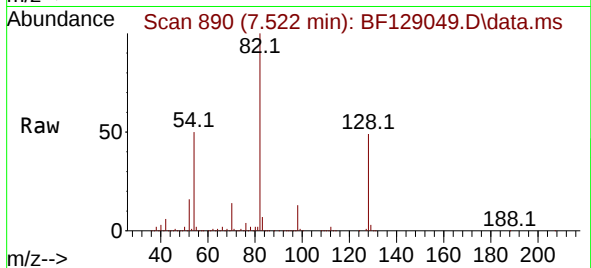




#25
Isophorone
Concen: 48.679 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.271 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

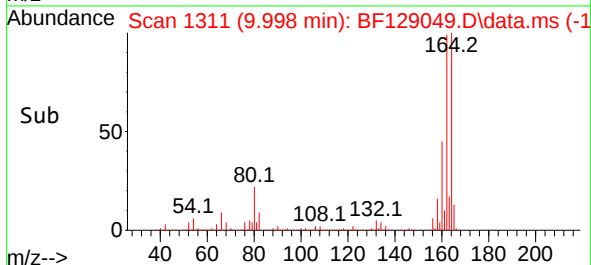
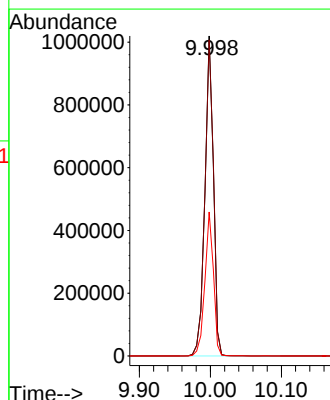
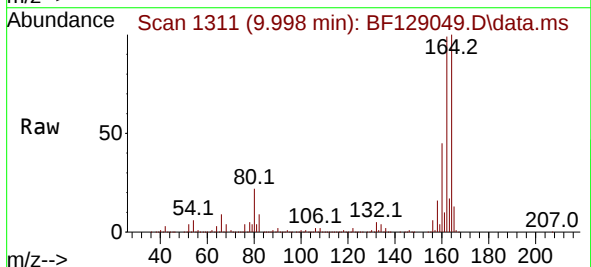
Instrument :
BNA_F
ClientSampleId :
PB145806BL

Tgt Ion: 82 Resp: 2218273
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: BF129049.D
Acq: 30 Jun 2022 10:28

Tgt Ion:164 Resp: 854211
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 120.065 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF129049.D

Acq: 30 Jun 2022 10:28

Instrument :

BNA_F

ClientSampleId :

PB145806BL

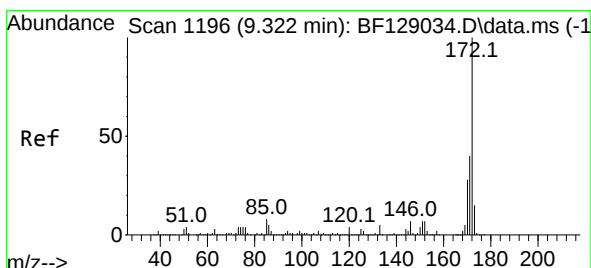
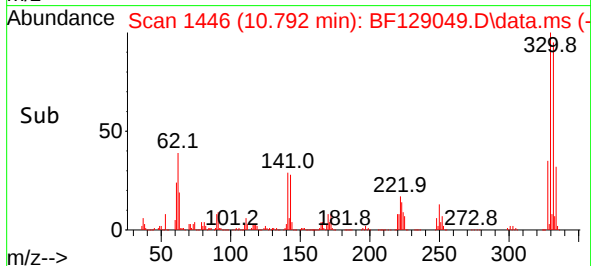
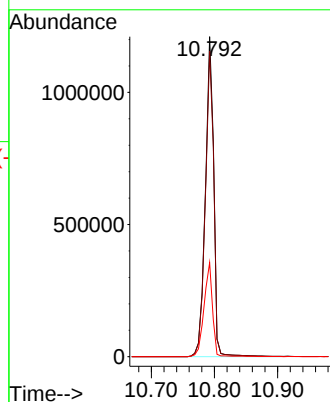
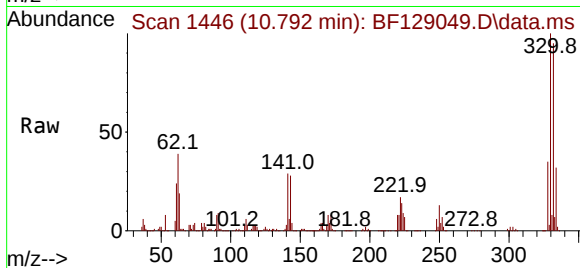
Tgt Ion:330 Resp: 1115196

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 30.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.369 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129049.D

Acq: 30 Jun 2022 10:28

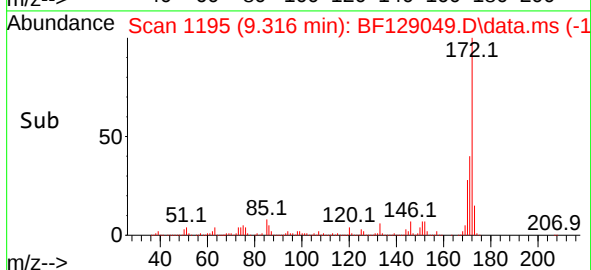
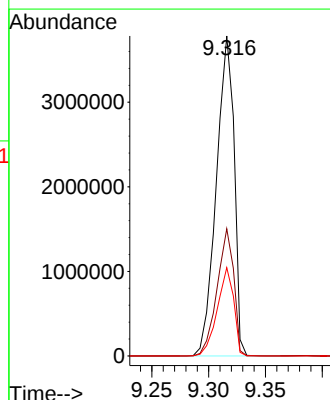
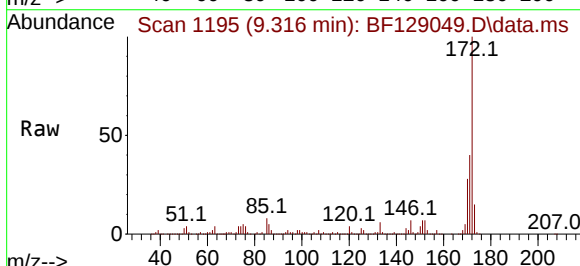
Tgt Ion:172 Resp: 4131133

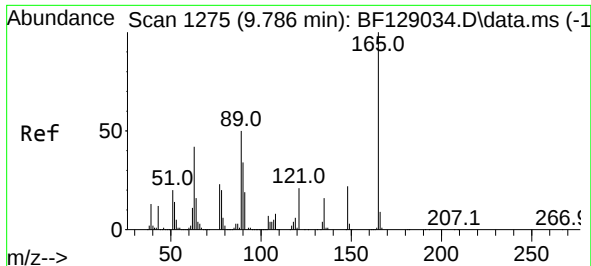
Ion Ratio Lower Upper

172 100

171 39.8 28.8 43.2

170 27.6 19.8 29.8

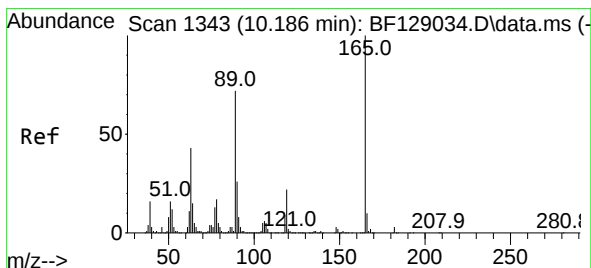
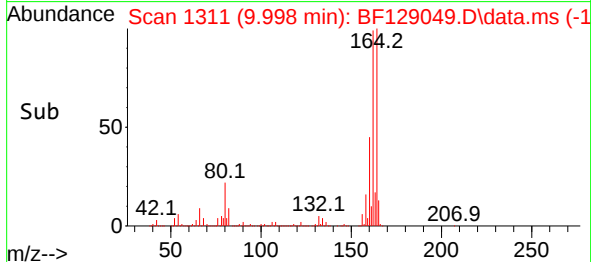
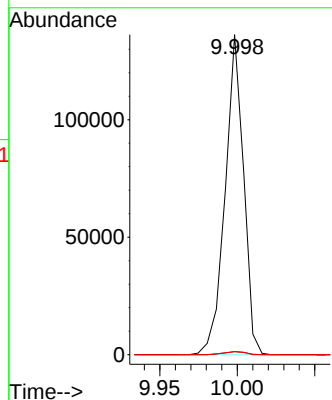
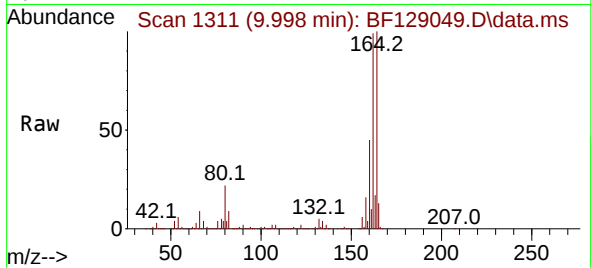




#51
2,6-Dinitrotoluene
Concen: 10.309 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

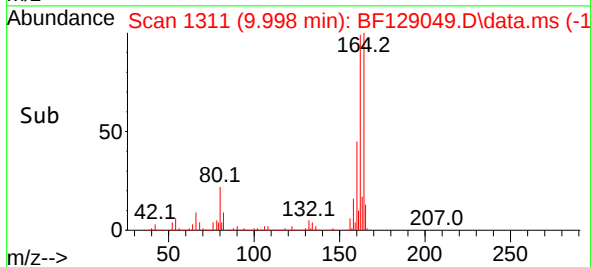
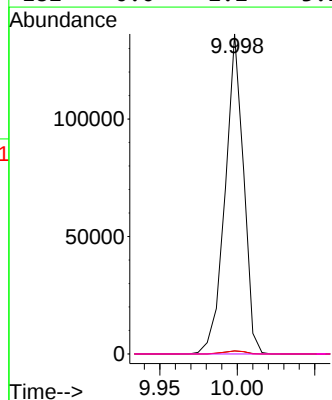
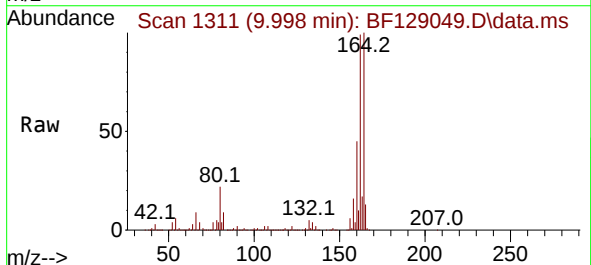
Instrument :
BNA_F
ClientSampleId :
PB145806BL

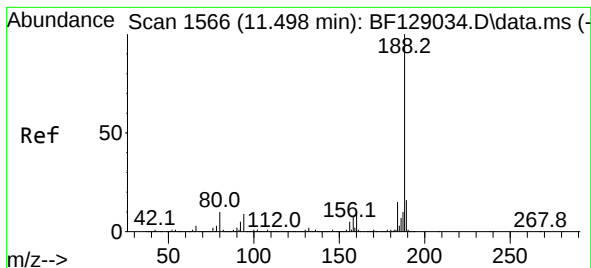
Tgt Ion:165 Resp: 112575
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.351 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

Tgt Ion:165 Resp: 112575
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.0 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: BF129049.D

Acq: 30 Jun 2022 10:28

Instrument :

BNA_F

ClientSampleId :

PB145806BL

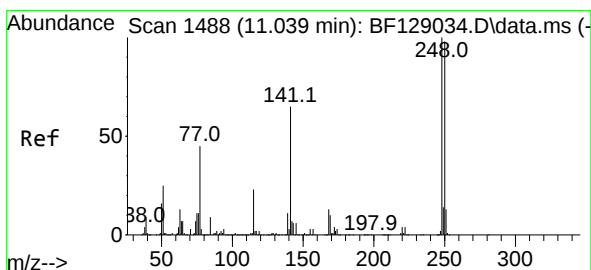
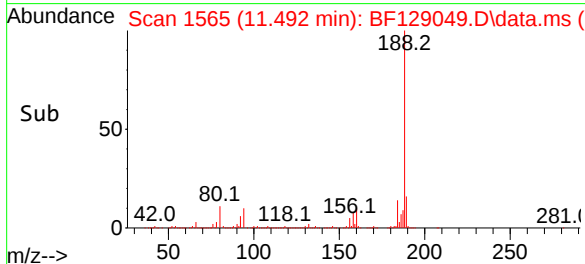
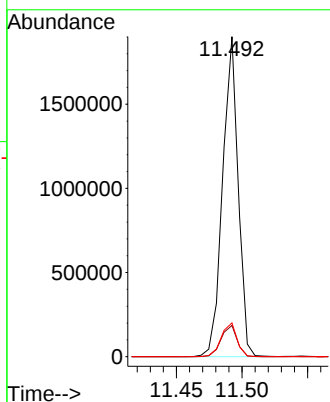
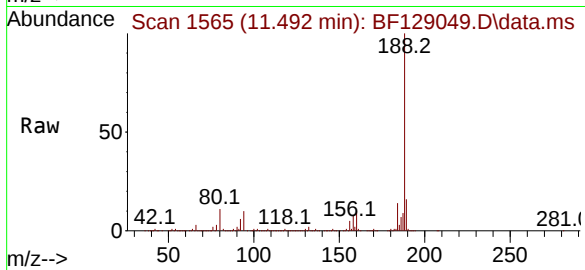
Tgt Ion:188 Resp: 1566965

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.101 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129049.D

Acq: 30 Jun 2022 10:28

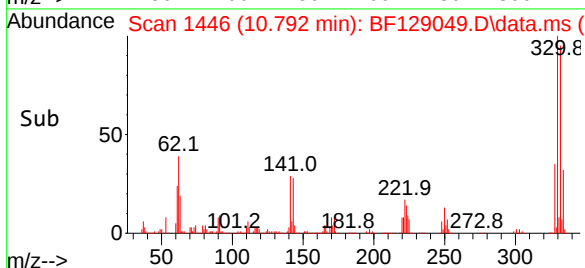
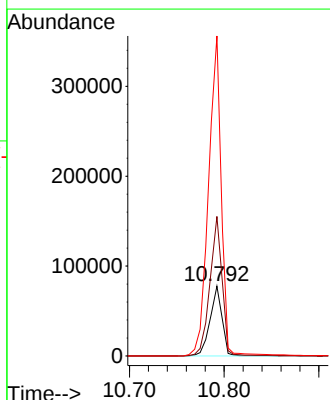
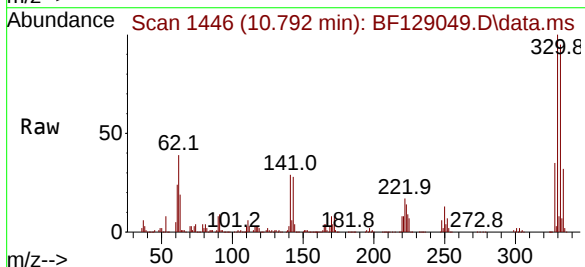
Tgt Ion:248 Resp: 68353

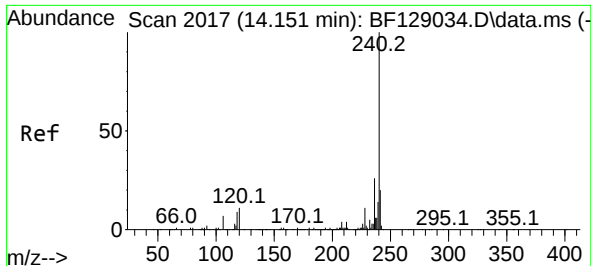
Ion Ratio Lower Upper

248 100

250 199.8 80.6 120.8#

141 458.2 58.9 88.3#

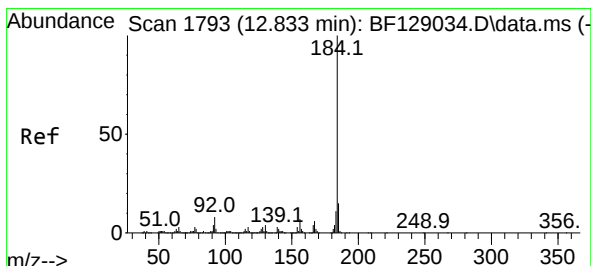
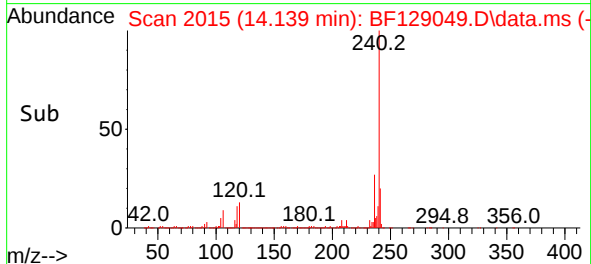
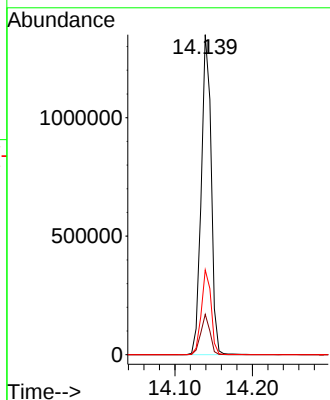
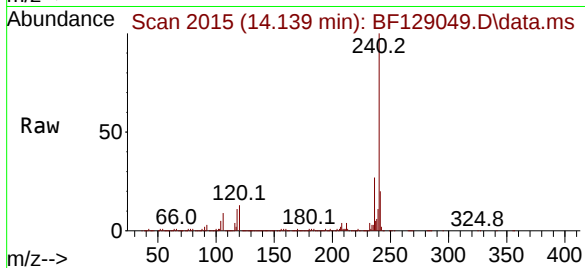




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

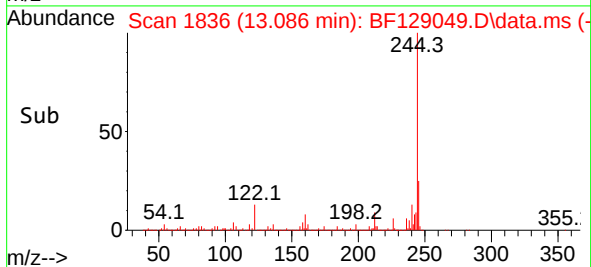
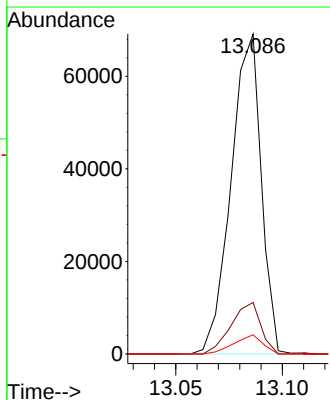
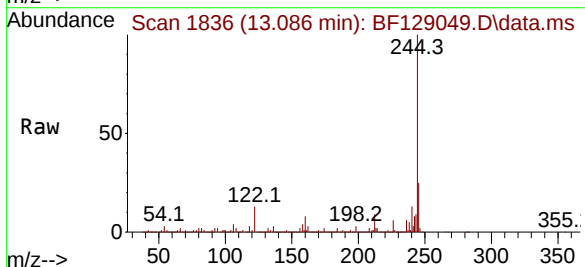
Instrument :
BNA_F
ClientSampleId :
PB145806BL

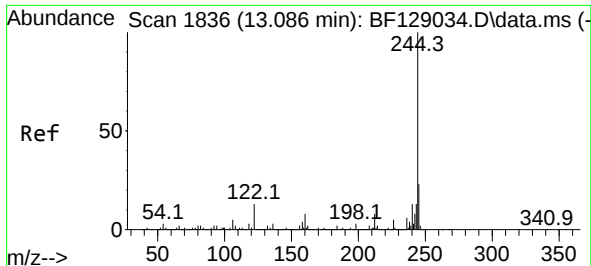
Tgt Ion:240 Resp: 1198521
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 26.5 20.8 31.2



#77
Benzidine
Concen: 3.189 ng
RT: 13.086 min Scan# 1836
Delta R.T. 0.253 min
Lab File: BF129049.D
Acq: 30 Jun 2022 10:28

Tgt Ion:184 Resp: 68054
Ion Ratio Lower Upper
184 100
185 16.1 11.9 17.9
183 6.0 9.3 13.9#

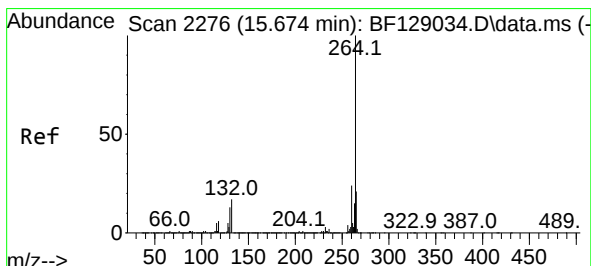
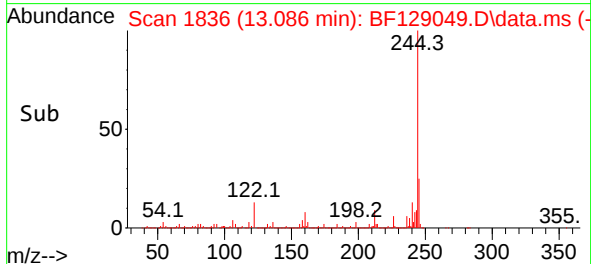
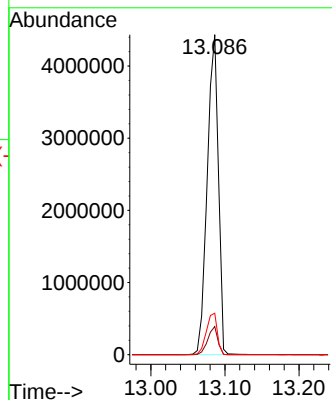
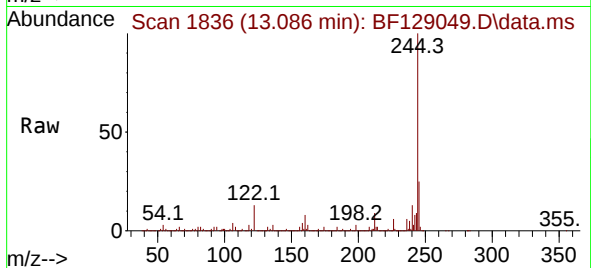




#79
 Terphenyl-d14
 Concen: 80.180 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129049.D
 Acq: 30 Jun 2022 10:28

Instrument :
 BNA_F
 ClientSampleId :
 PB145806BL

Tgt Ion:244 Resp: 4627544
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.1 9.1
 122 13.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF129049.D
 Acq: 30 Jun 2022 10:28

Tgt Ion:264 Resp: 994711
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 22.0 17.2 25.8

