

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129093.D
 Acq On : 01 Jul 2022 15:46
 Operator : CG\JU
 Sample : PB145980BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145980BL

Quant Time: Jul 02 01:25:26 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)

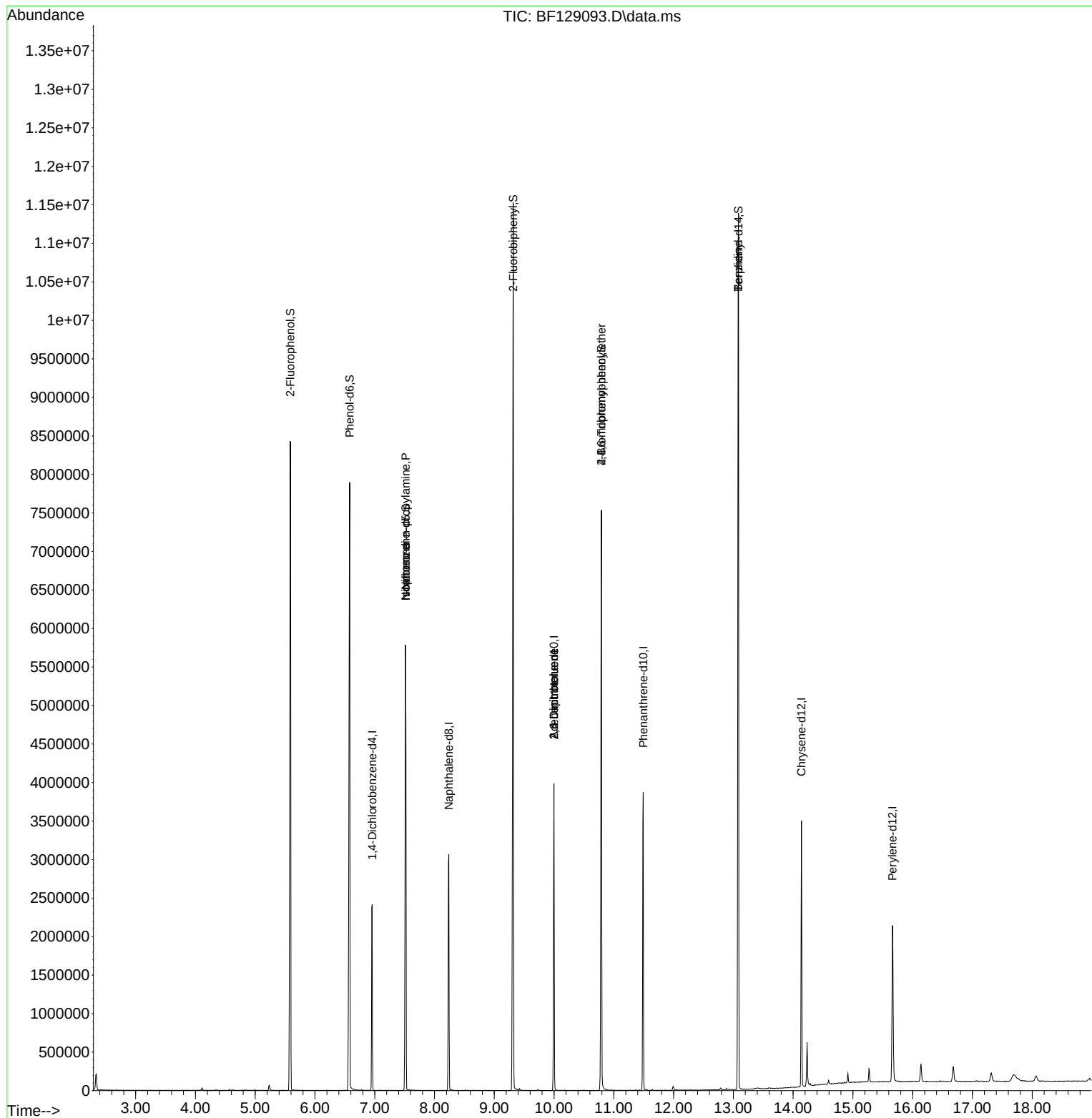
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	384169	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1480605	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	785092	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1427781	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1106391	20.000	ng	-0.01
86) Perylene-d12	15.663	264	904730	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2731516	120.207	ng	0.00
7) Phenol-d6	6.581	99	3268873	115.828	ng	0.00
23) Nitrobenzene-d5	7.516	82	2128908	85.763	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	1037552	121.540	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3783274	77.092	ng	0.00
79) Terphenyl-d14	13.086	244	4315719	81.003	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	5219	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.516	70	282102	17.280	ng	# 71
25) Isophorone	7.516	82	2049673	48.858	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	102660	10.229	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	102661	8.286	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	63609	4.188	ng	# 1
77) Benzidine	13.081	184	63097	3.203	ng	# 91

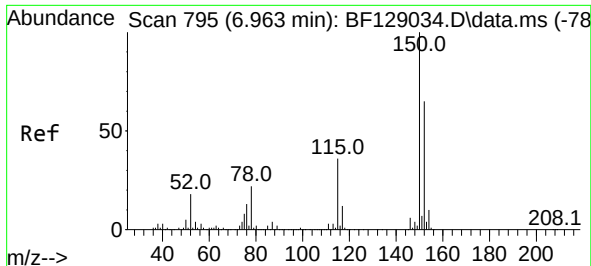
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129093.D
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Quant Time: Jul 02 01:25:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
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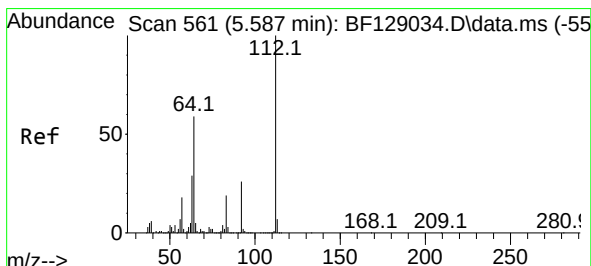
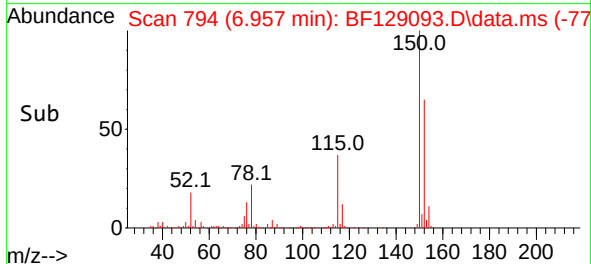
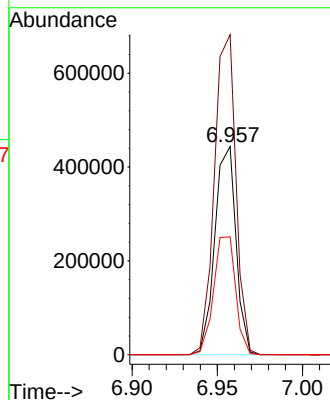
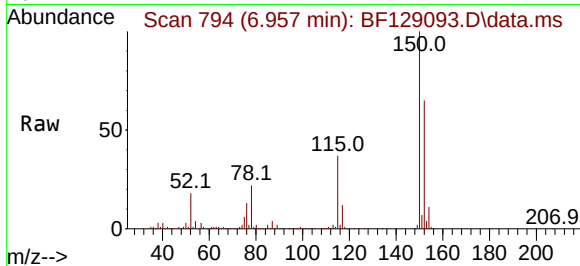




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129093.D
Acq: 01 Jul 2022 15:46

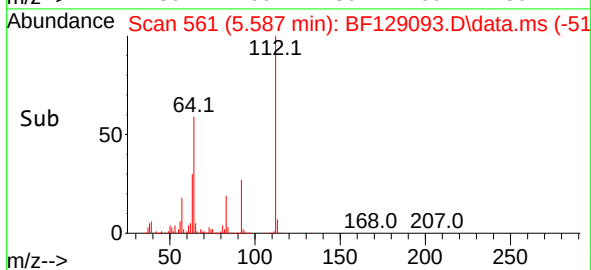
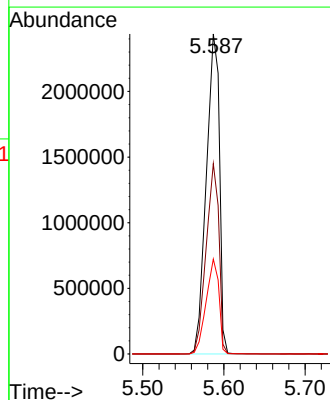
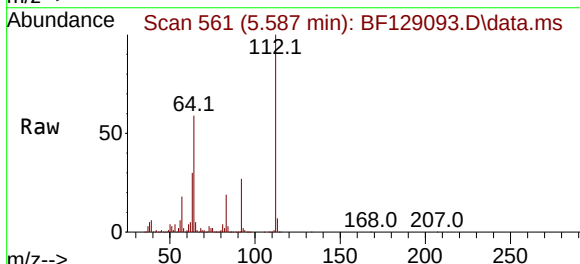
Instrument :
BNA_F
ClientSampleId :
PB145980BL

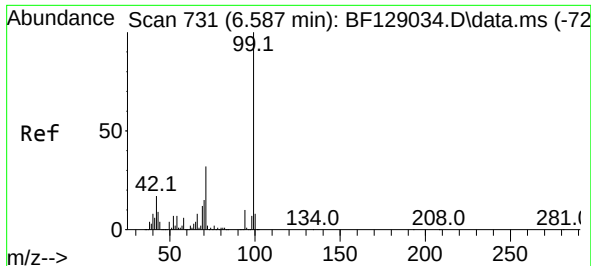
Tgt Ion:152 Resp: 384169
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 56.6 49.9 74.9



#5
2-Fluorophenol
Concen: 120.207 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF129093.D
Acq: 01 Jul 2022 15:46

Tgt Ion:112 Resp: 2731516
Ion Ratio Lower Upper
112 100
64 59.4 53.3 79.9
63 29.7 28.0 42.0

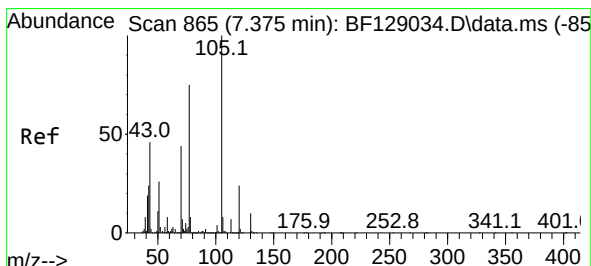
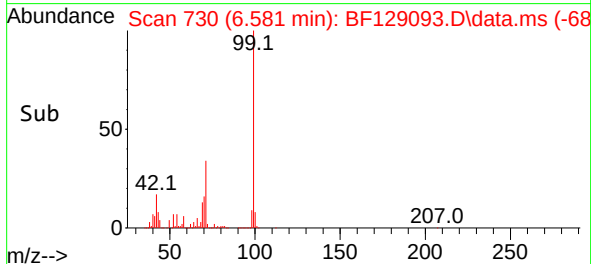
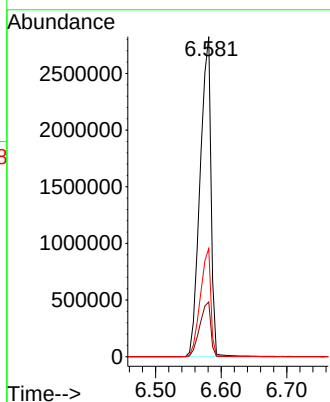
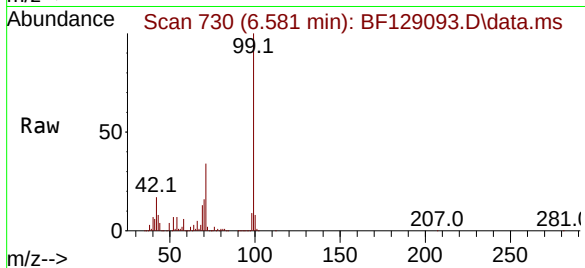




#7
Phenol-d6
Concen: 115.828 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129093.D
Acq: 01 Jul 2022 15:46

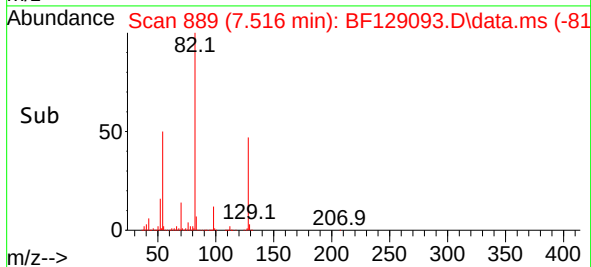
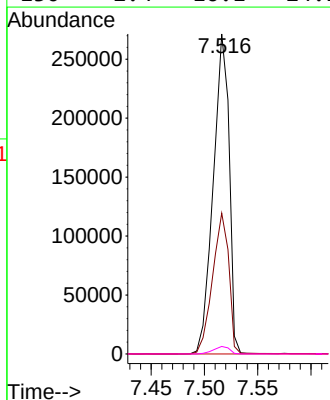
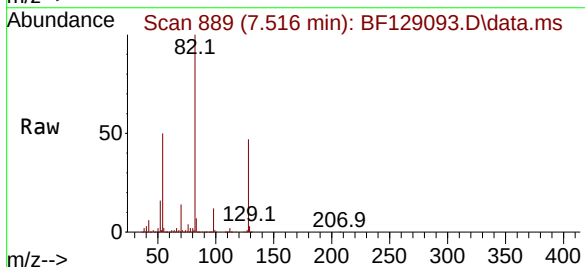
Instrument :
BNA_F
ClientSampleId :
PB145980BL

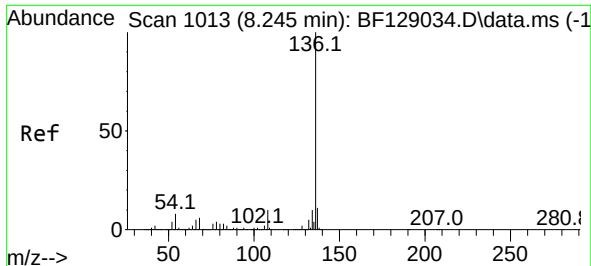
Tgt Ion: 99 Resp: 3268873
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 33.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.280 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129093.D
Acq: 01 Jul 2022 15:46

Tgt Ion: 70 Resp: 282102
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#

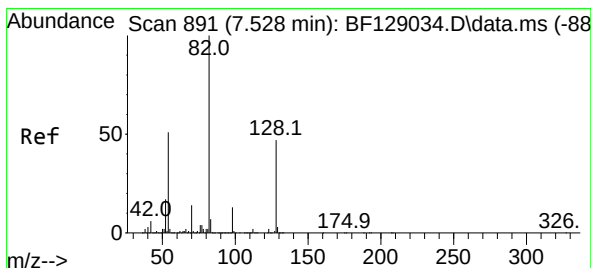
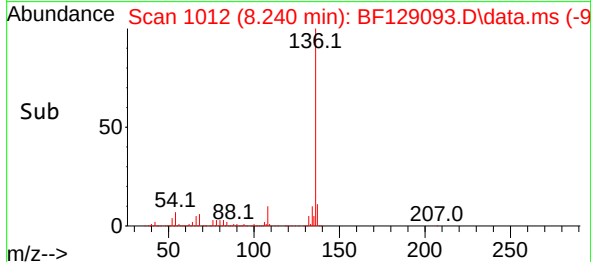
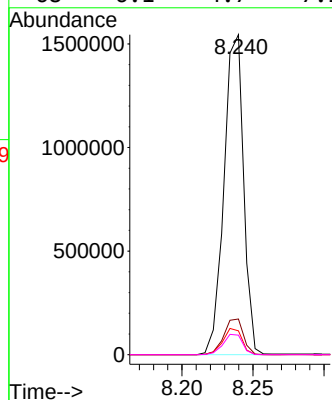
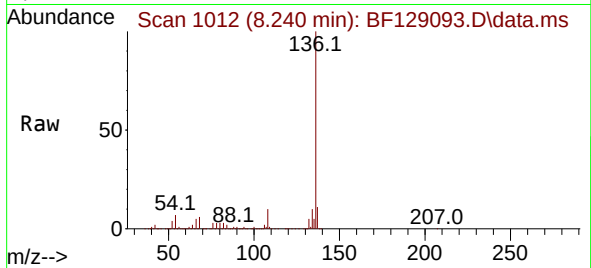




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF129093.D
Acq: 01 Jul 2022 15:46

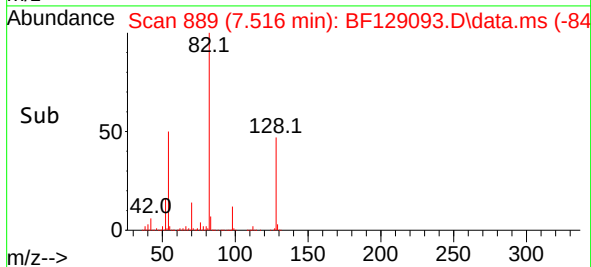
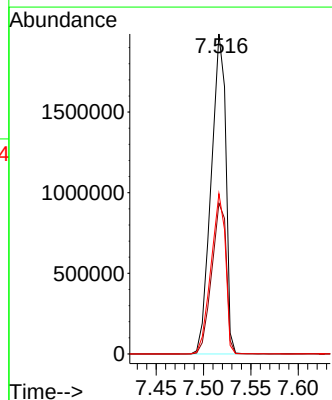
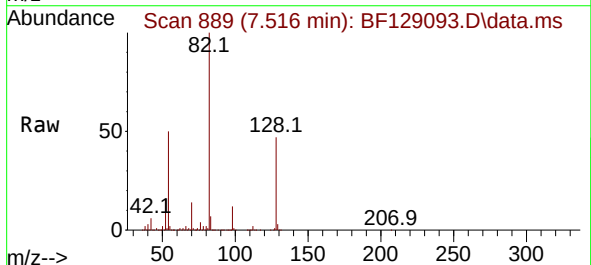
Instrument :
BNA_F
ClientSampleId :
PB145980BL

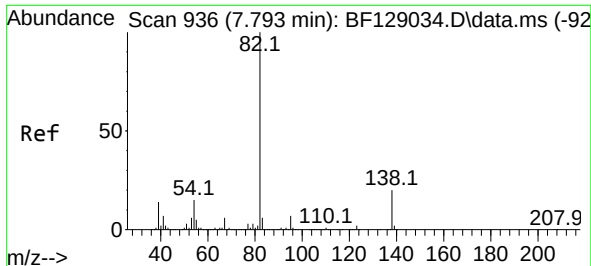
Tgt Ion:136 Resp: 1480605
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.4 7.5 11.3#
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 85.763 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129093.D
Acq: 01 Jul 2022 15:46

Tgt Ion: 82 Resp: 2128908
Ion Ratio Lower Upper
82 100
128 47.1 34.0 51.0
54 50.1 46.9 70.3

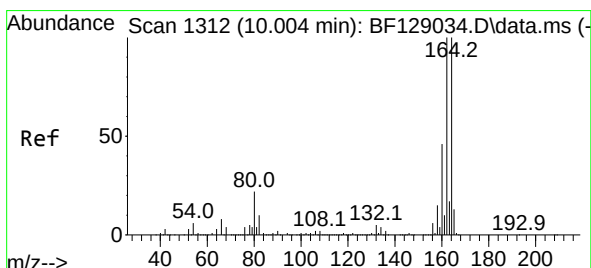
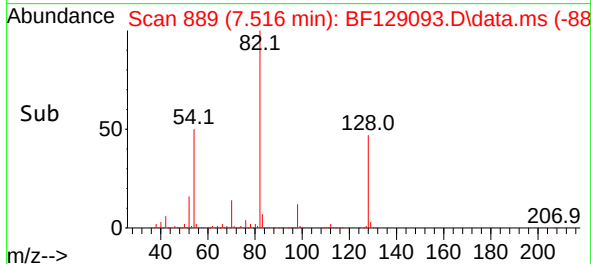
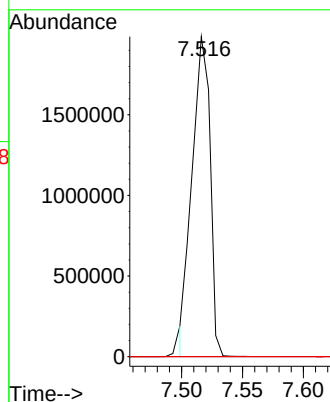
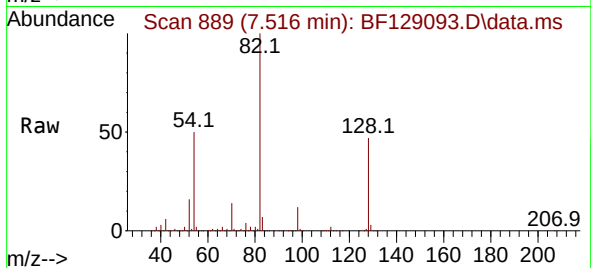




#25
Isophorone
Concen: 48.858 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129093.D
Acq: 01 Jul 2022 15:46

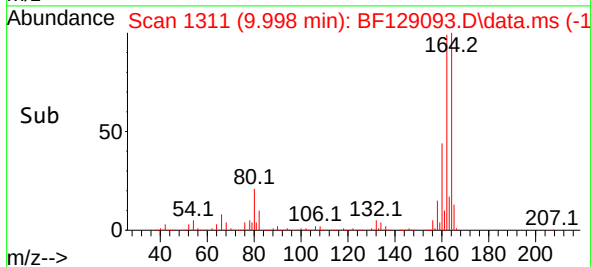
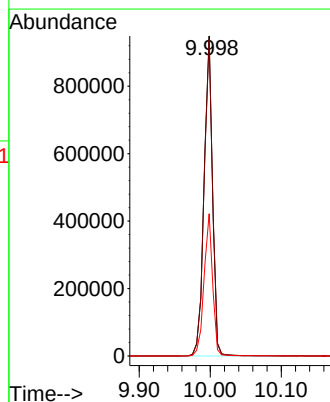
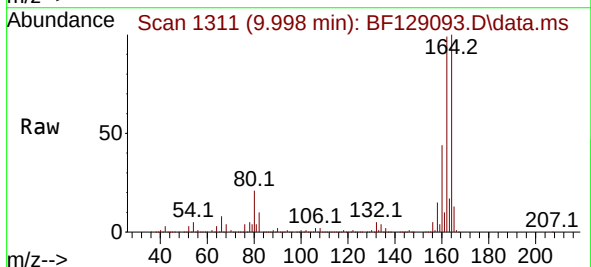
Instrument :
BNA_F
ClientSampleId :
PB145980BL

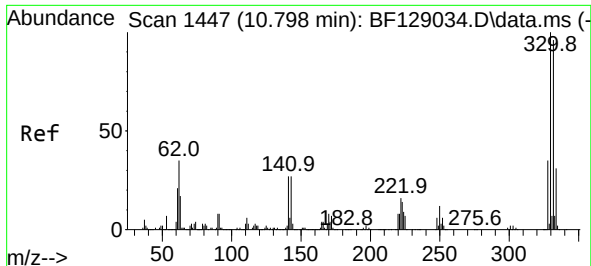
Tgt Ion: 82 Resp: 2049673
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129093.D
Acq: 01 Jul 2022 15:46

Tgt Ion: 164 Resp: 785092
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 121.540 ng

RT: 10.792 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF129093.D

Acq: 01 Jul 2022 15:46

Instrument :

BNA_F

ClientSampleId :

PB145980BL

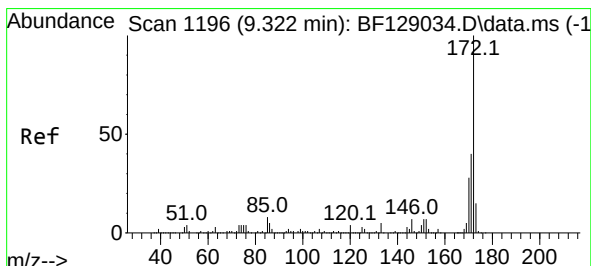
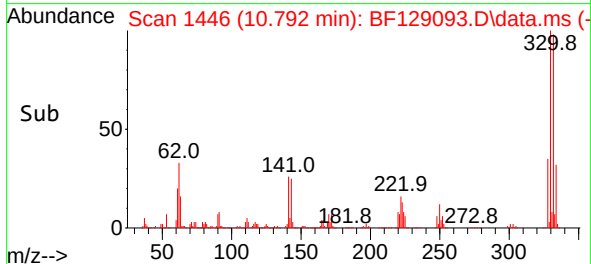
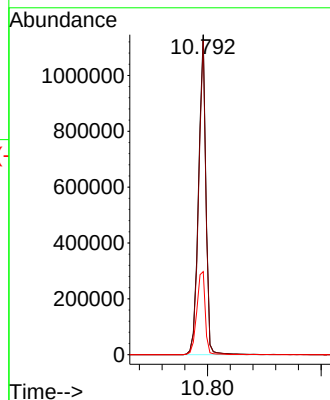
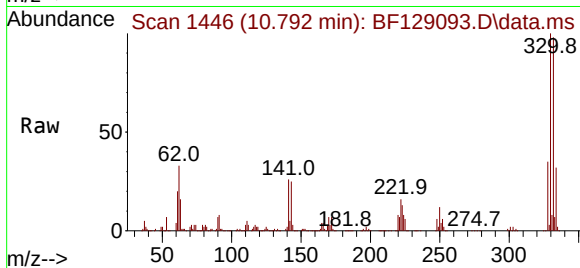
Tgt Ion:330 Resp: 1037552

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 29.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.092 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129093.D

Acq: 01 Jul 2022 15:46

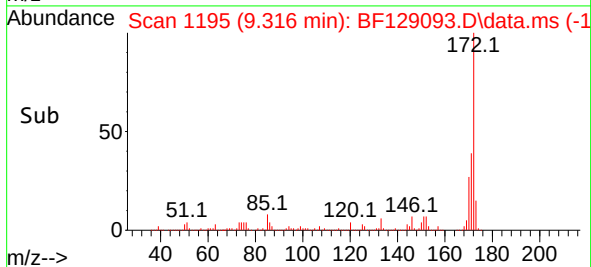
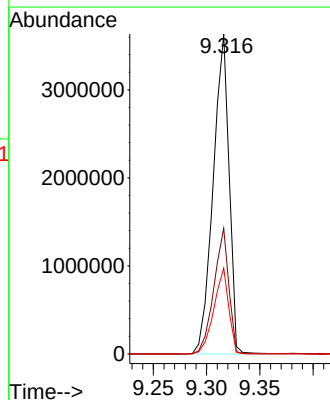
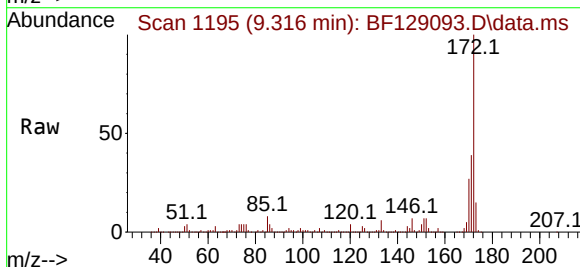
Tgt Ion:172 Resp: 3783274

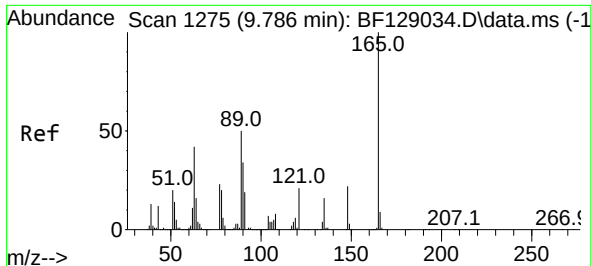
Ion Ratio Lower Upper

172 100

171 39.3 28.8 43.2

170 26.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.229 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129093.D

Acq: 01 Jul 2022 15:46

Instrument :

BNA_F

ClientSampleId :

PB145980BL

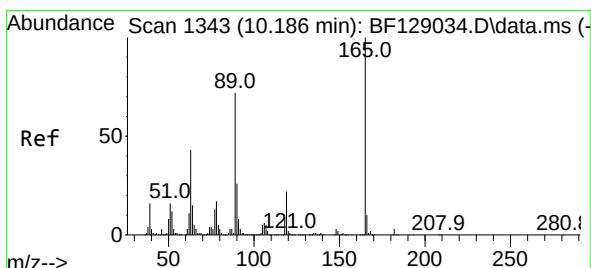
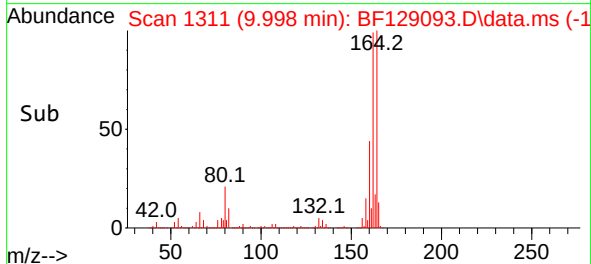
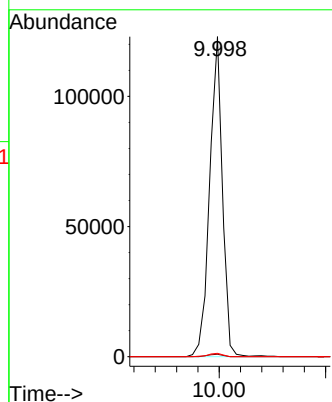
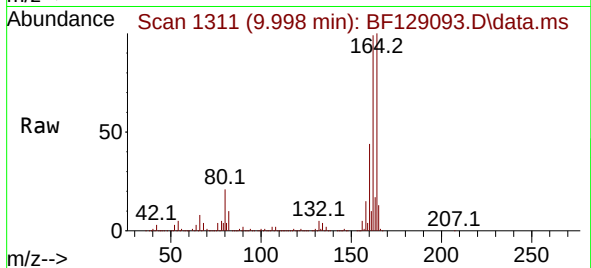
Tgt Ion:165 Resp: 102660

Ion Ratio Lower Upper

165 100

63 0.8 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.286 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129093.D

Acq: 01 Jul 2022 15:46

Tgt Ion:165 Resp: 102661

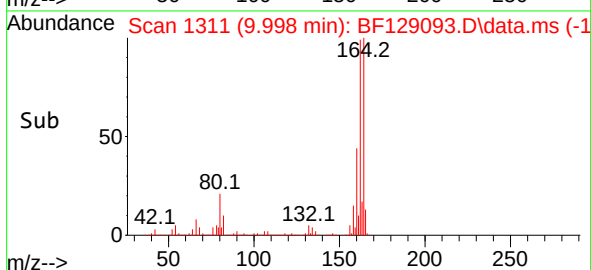
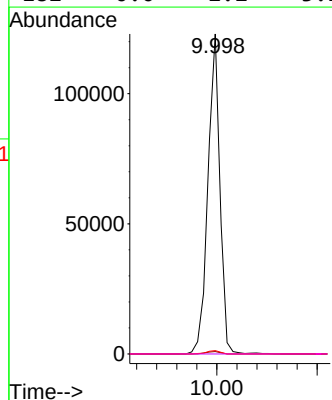
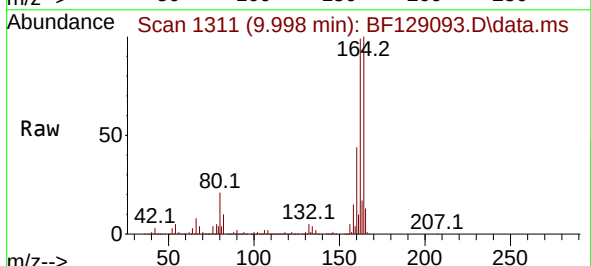
Ion Ratio Lower Upper

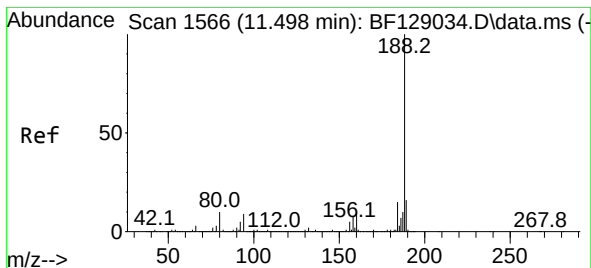
165 100

63 0.8 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: BF129093.D

Acq: 01 Jul 2022 15:46

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PB145980BL

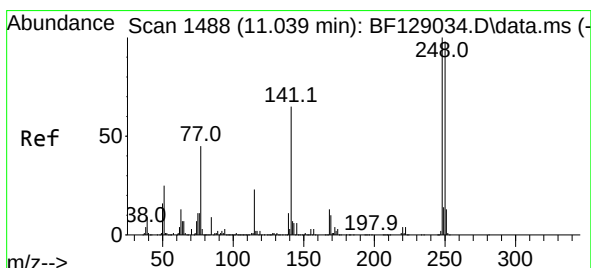
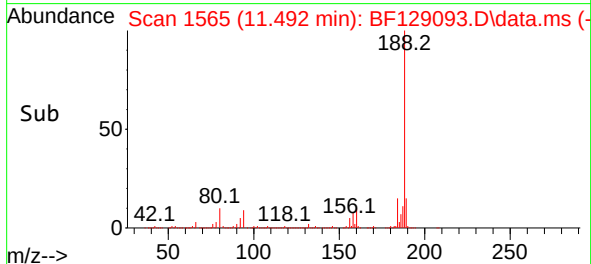
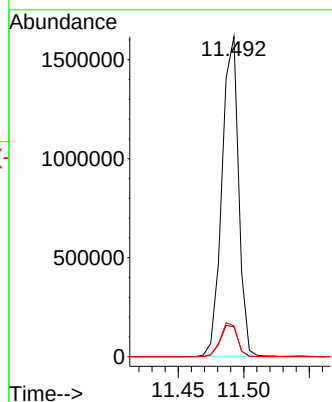
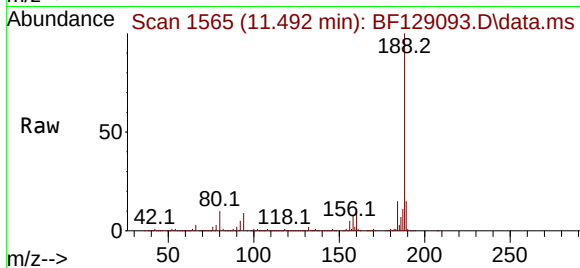
Tgt Ion:188 Resp: 1427781

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 9.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.188 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129093.D

Acq: 01 Jul 2022 15:46

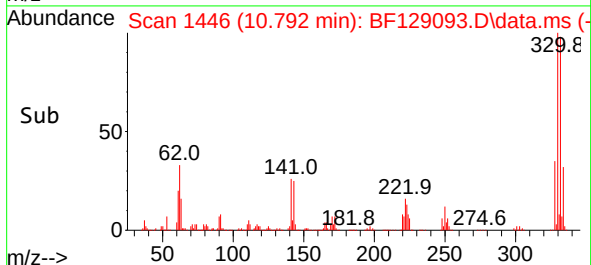
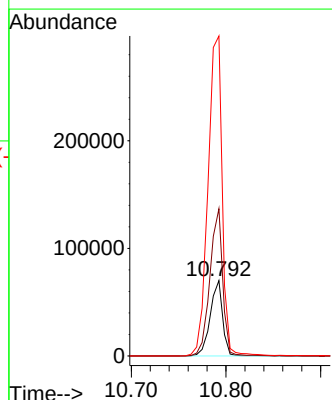
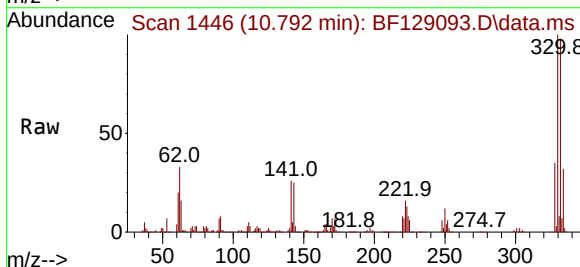
Tgt Ion:248 Resp: 63609

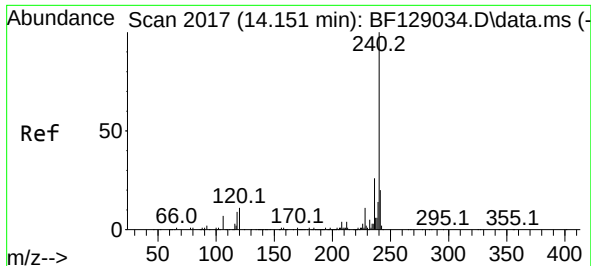
Ion Ratio Lower Upper

248 100

250 195.1 80.6 120.8#

141 424.3 58.9 88.3#

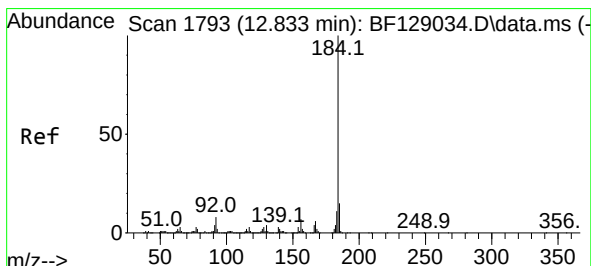
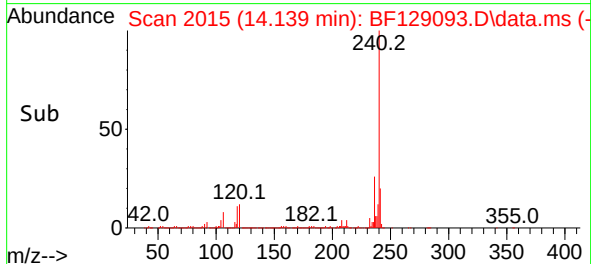
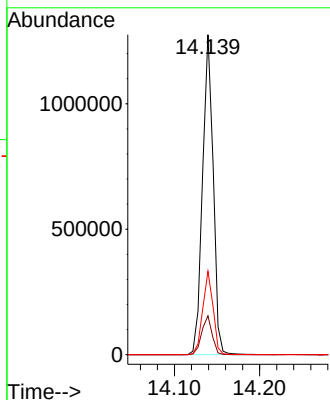
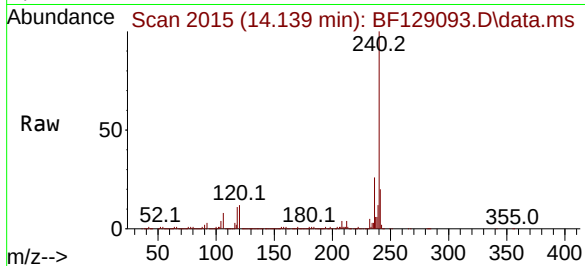




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129093.D
Acq: 01 Jul 2022 15:46

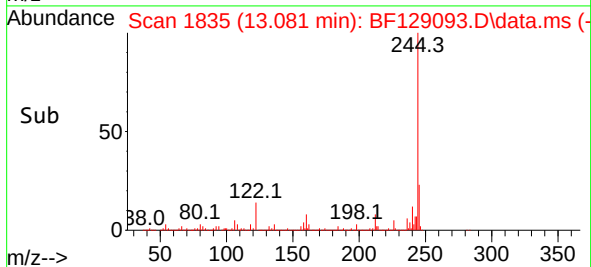
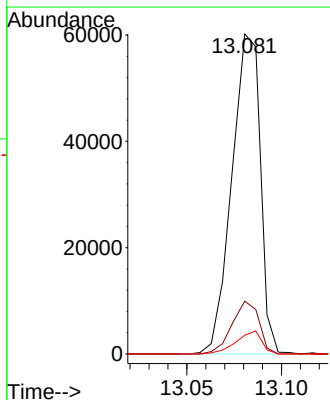
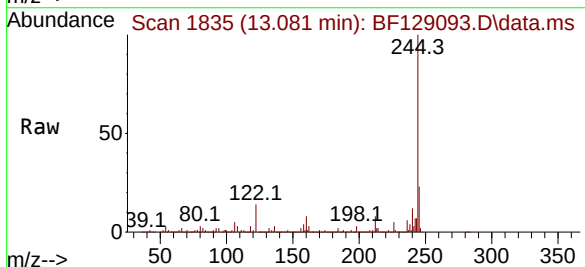
Instrument :
BNA_F
ClientSampleId :
PB145980BL

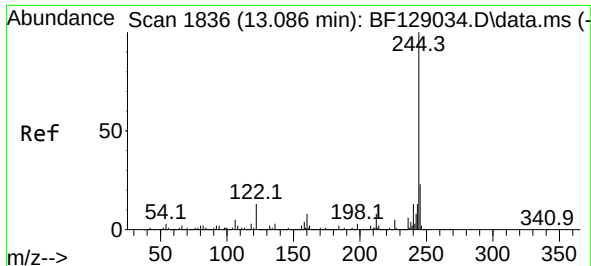
Tgt Ion:240 Resp: 1106391
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.1 20.8 31.2



#77
Benzidine
Concen: 3.203 ng
RT: 13.081 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129093.D
Acq: 01 Jul 2022 15:46

Tgt Ion:184 Resp: 63097
Ion Ratio Lower Upper
184 100
185 16.5 11.9 17.9
183 5.9 9.3 13.9#

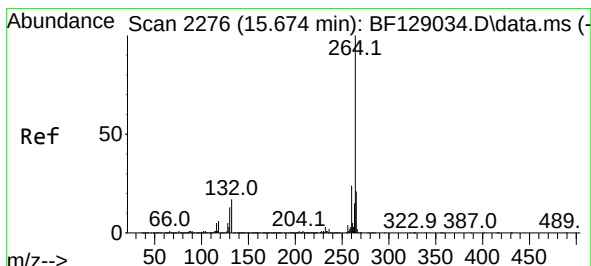
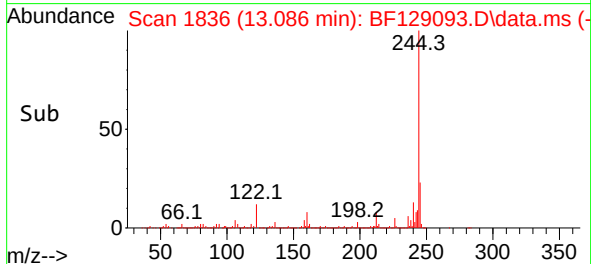
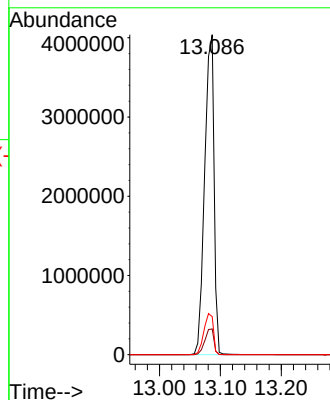
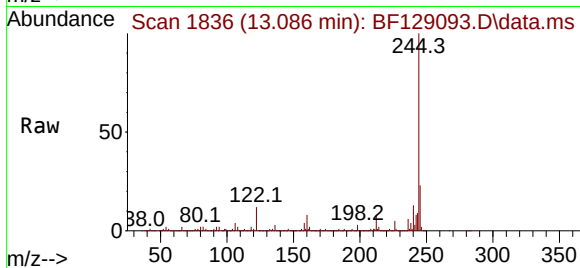




#79
 Terphenyl-d14
 Concen: 81.003 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129093.D
 Acq: 01 Jul 2022 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB145980BL

Tgt Ion:244 Resp: 4315719
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.1 9.1
 122 11.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129093.D
 Acq: 01 Jul 2022 15:46

Tgt Ion:264 Resp: 904730
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.5 17.2 25.8

