

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129094.D
 Acq On : 01 Jul 2022 16:24
 Operator : CG\JU
 Sample : N3561-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4

Quant Time: Jul 02 01:25:32 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)

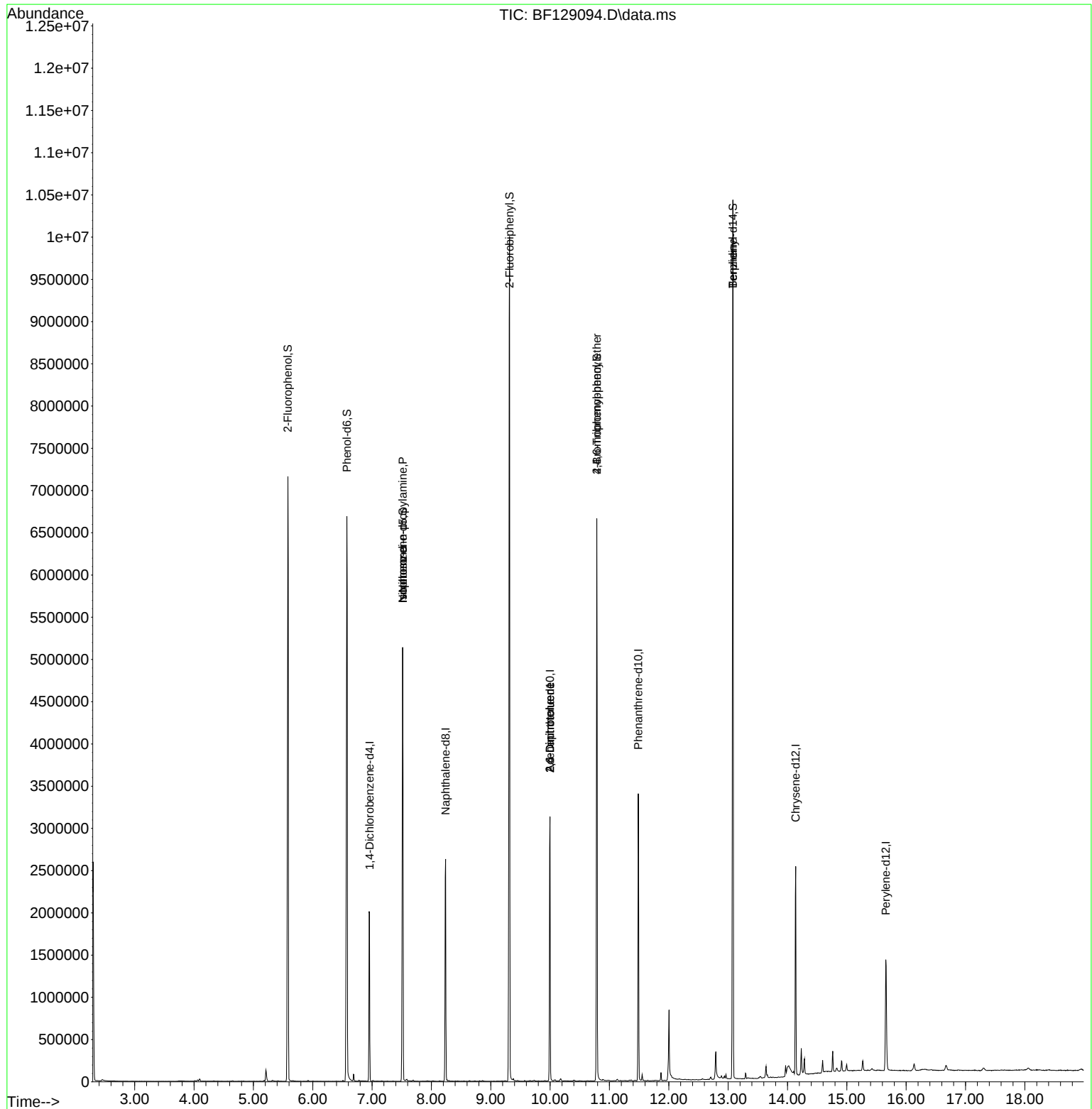
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	319236	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1223157	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	649005	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	1199366	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	820093	20.000	ng	-0.01
86) Perylene-d12	15.657	264	608465	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2232750	118.244	ng	0.00
7) Phenol-d6	6.575	99	2808125	119.741	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1770450	86.335	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	837309	118.650	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	3191009	78.658	ng	0.00
79) Terphenyl-d14	13.080	244	3549917	89.891	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	4233	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.516	70	230211	16.969	ng	# 73
25) Isophorone	7.516	82	1717144	49.546	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	84015	10.126	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	84016	8.203	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	51652	4.049	ng	# 1
77) Benizidine	13.080	184	49938	3.420	ng	# 94

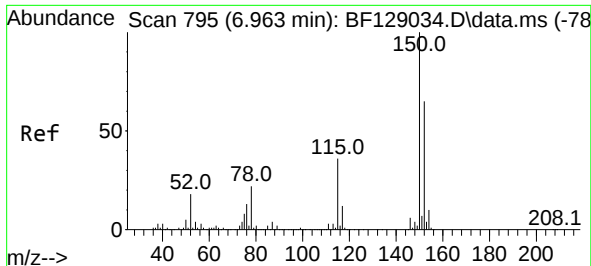
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
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Quant Time: Jul 02 01:25:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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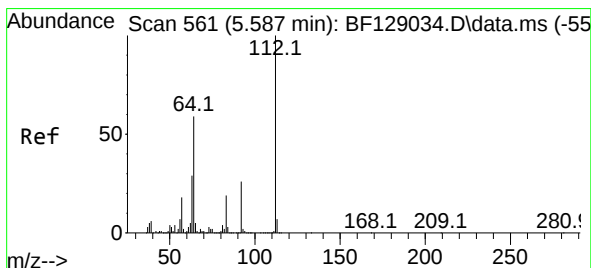
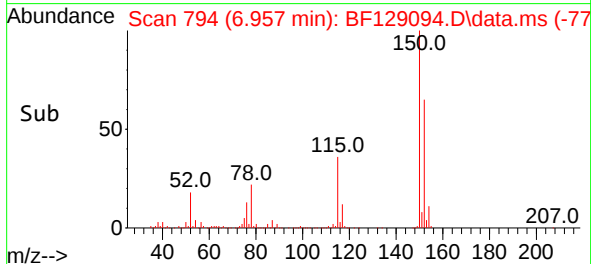
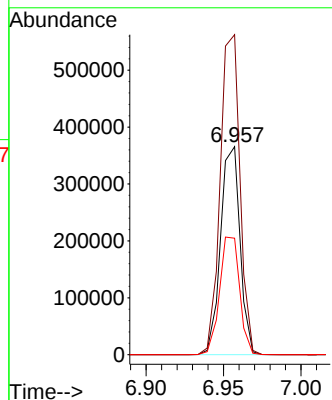
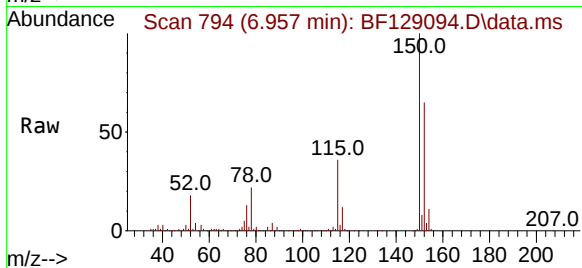




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129094.D
Acq: 01 Jul 2022 16:24

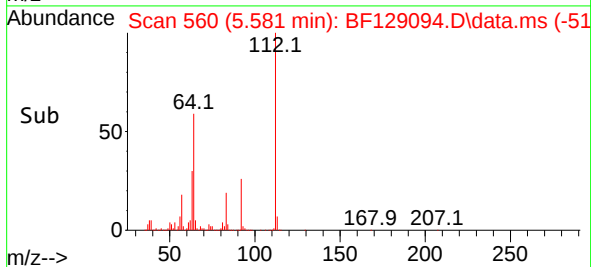
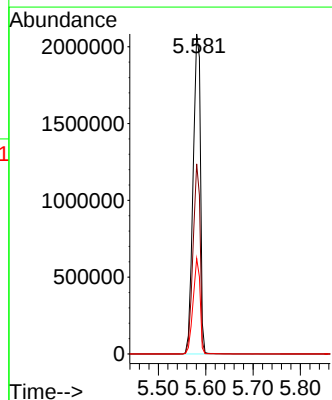
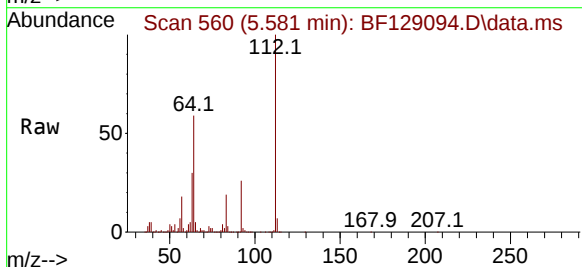
Instrument :
BNA_F
ClientSampleId :
S-4

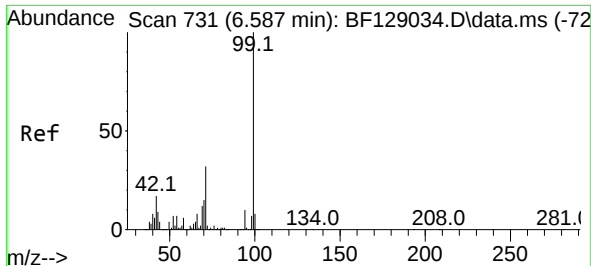
Tgt Ion:152 Resp: 319236
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 56.0 49.9 74.9



#5
2-Fluorophenol
Concen: 118.244 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129094.D
Acq: 01 Jul 2022 16:24

Tgt Ion:112 Resp: 2232750
Ion Ratio Lower Upper
112 100
64 59.4 53.3 79.9
63 29.8 28.0 42.0





#7
Phenol-d6
Concen: 119.741 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129094.D
Acq: 01 Jul 2022 16:24

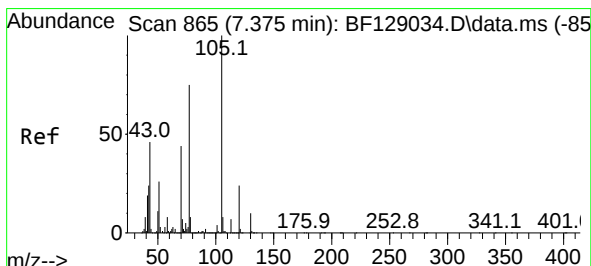
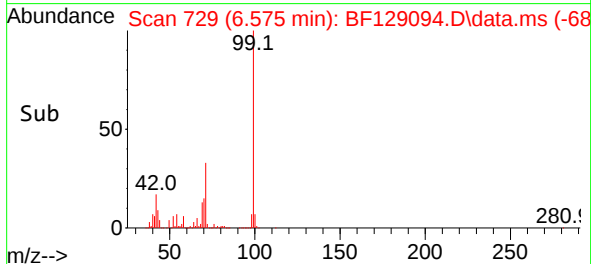
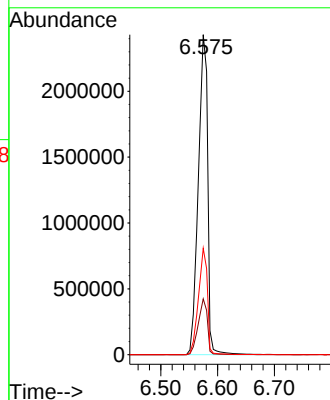
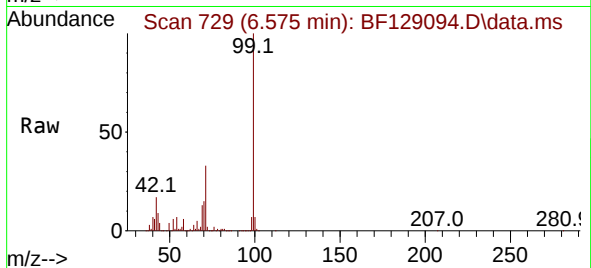
Instrument :

BNA_F

ClientSampleId :

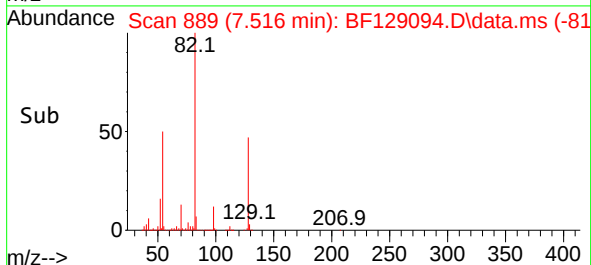
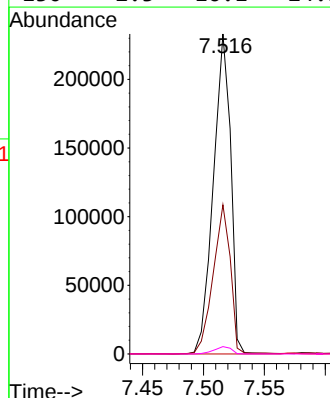
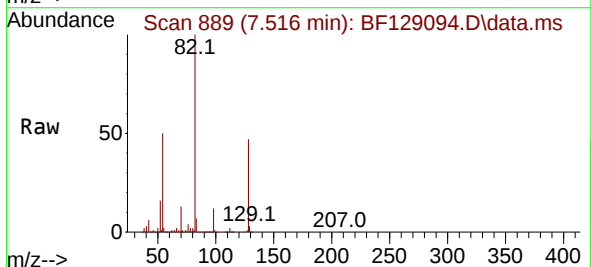
S-4

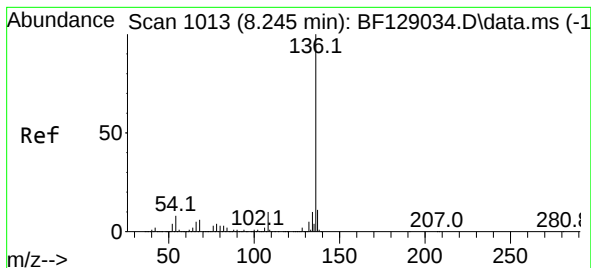
Tgt Ion: 99 Resp: 2808125
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 33.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.969 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129094.D
Acq: 01 Jul 2022 16:24

Tgt Ion: 70 Resp: 230211
Ion Ratio Lower Upper
70 100
42 46.6 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# 1

Delta R.T. -0.006 min

Lab File: BF129094.D

Acq: 01 Jul 2022 16:24

Instrument :

BNA_F

ClientSampleId :

S-4

Tgt Ion:136 Resp: 1223157

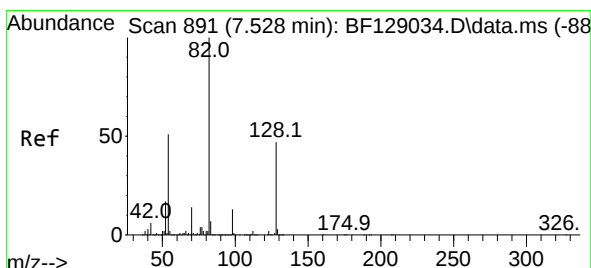
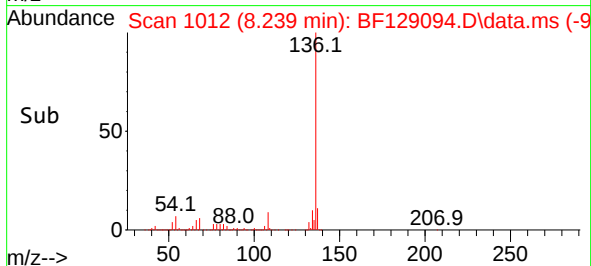
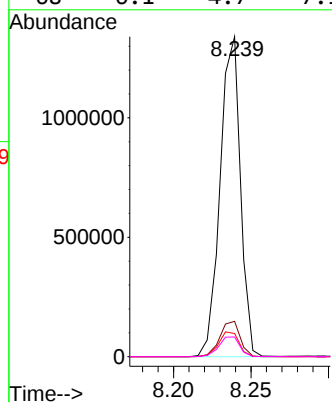
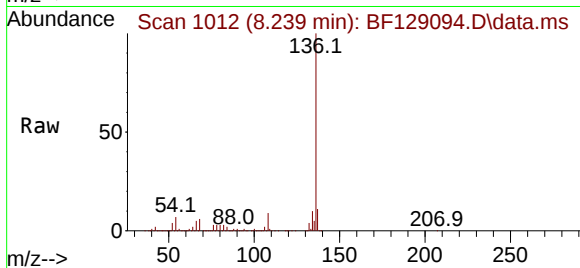
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.3 7.5 11.3#

68 6.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 86.335 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF129094.D

Acq: 01 Jul 2022 16:24

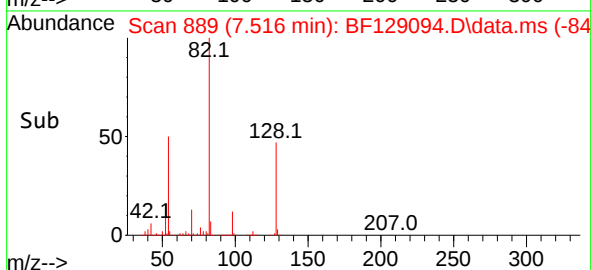
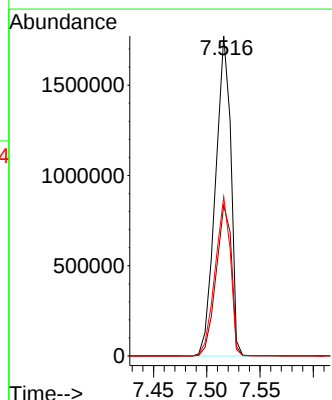
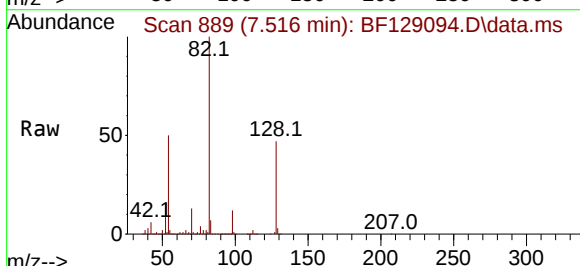
Tgt Ion: 82 Resp: 1770450

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

54 49.7 46.9 70.3

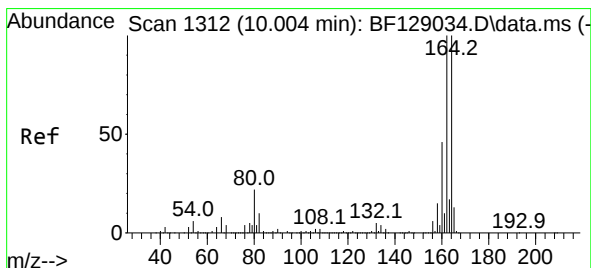
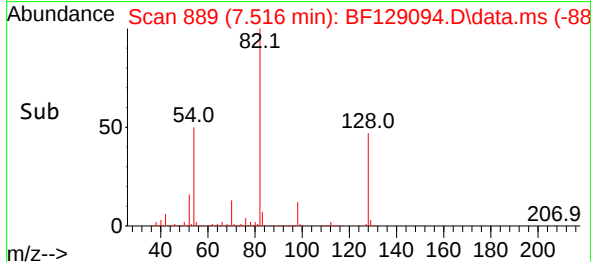
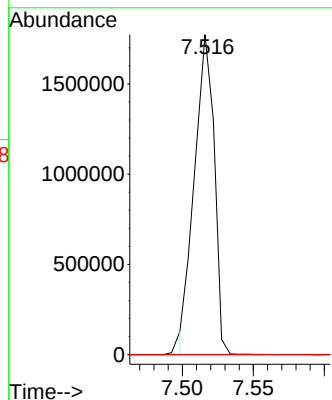
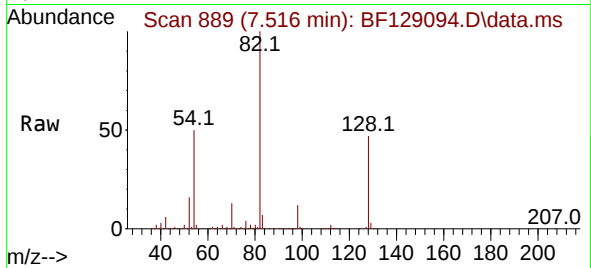




#25
Isophorone
Concen: 49.546 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129094.D
Acq: 01 Jul 2022 16:24

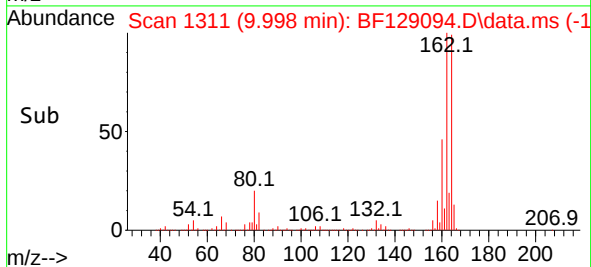
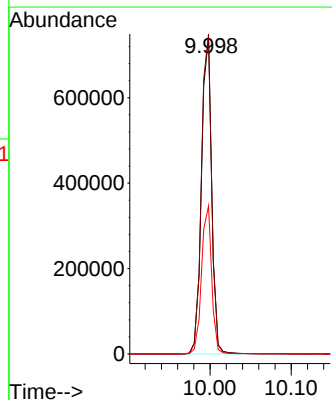
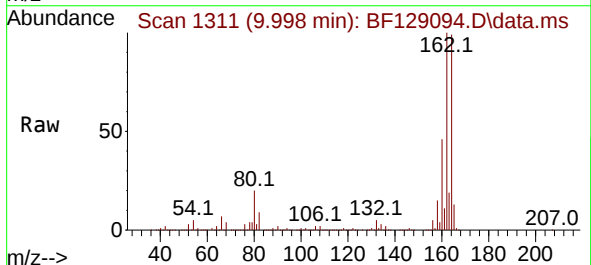
Instrument :
BNA_F
ClientSampleId :
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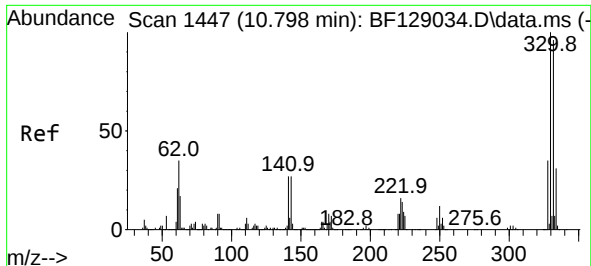
Tgt Ion: 82 Resp: 1717144
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129094.D
Acq: 01 Jul 2022 16:24

Tgt Ion:164 Resp: 649005
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 46.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 118.650 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129094.D

Acq: 01 Jul 2022 16:24

Instrument :

BNA_F

ClientSampleId :

S-4

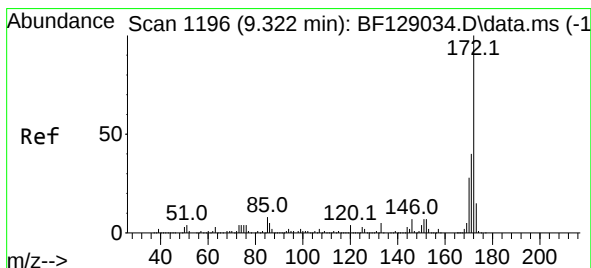
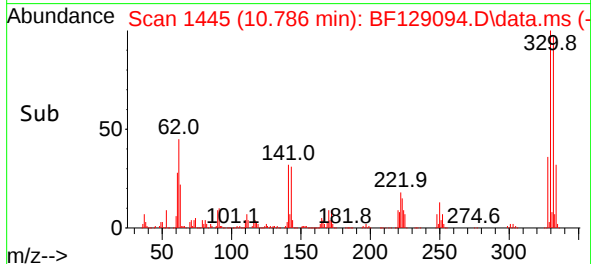
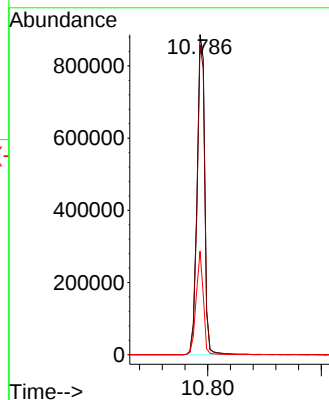
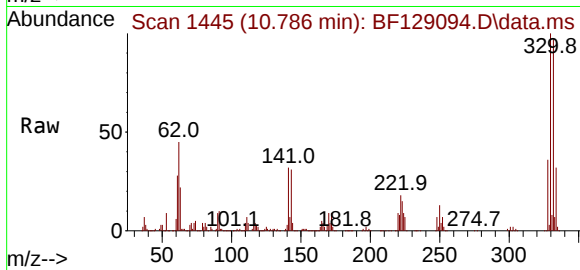
Tgt Ion:330 Resp: 837309

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 30.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.658 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129094.D

Acq: 01 Jul 2022 16:24

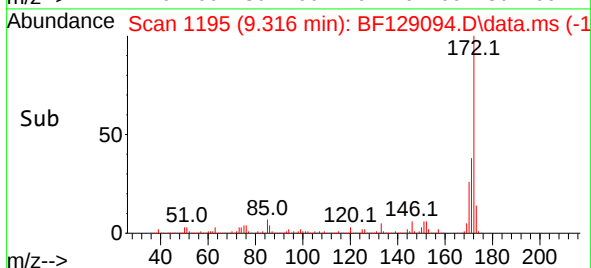
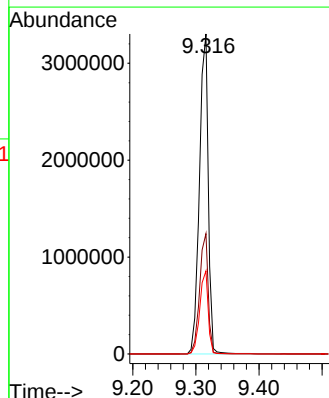
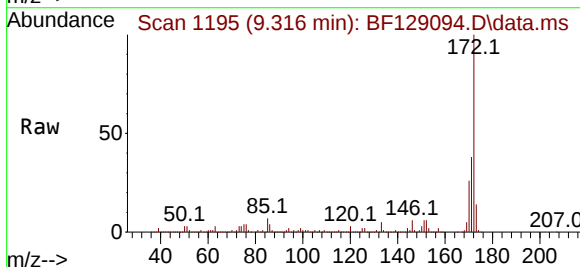
Tgt Ion:172 Resp: 3191009

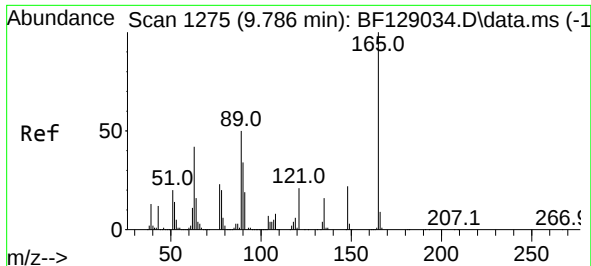
Ion Ratio Lower Upper

172 100

171 37.6 28.8 43.2

170 26.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.126 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129094.D

Acq: 01 Jul 2022 16:24

Instrument :

BNA_F

ClientSampleId :

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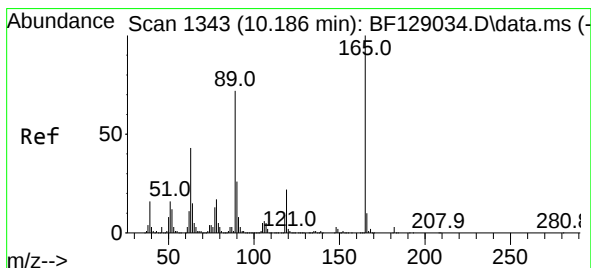
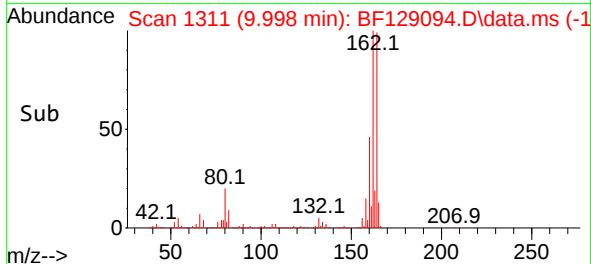
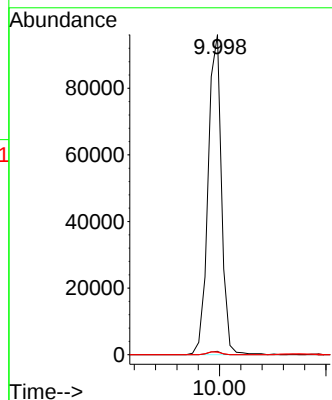
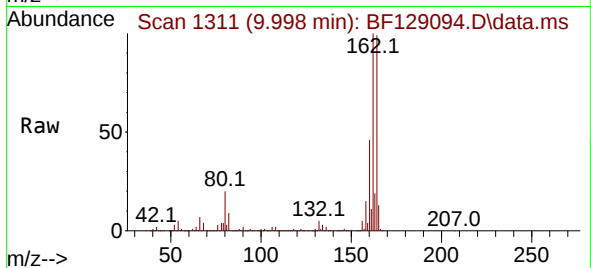
Tgt Ion:165 Resp: 84015

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 0.8 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.203 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129094.D

Acq: 01 Jul 2022 16:24

Tgt Ion:165 Resp: 84016

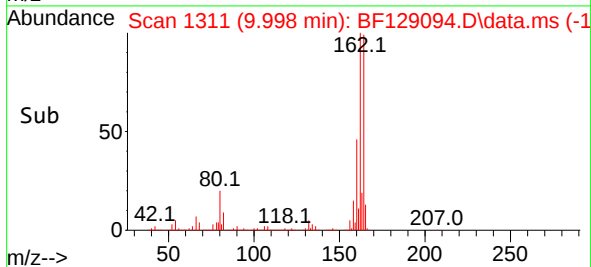
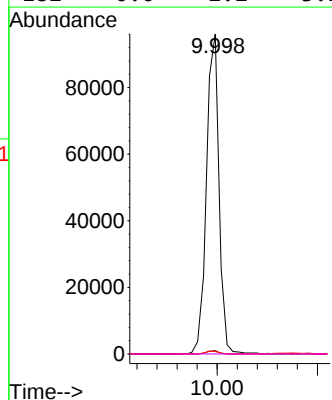
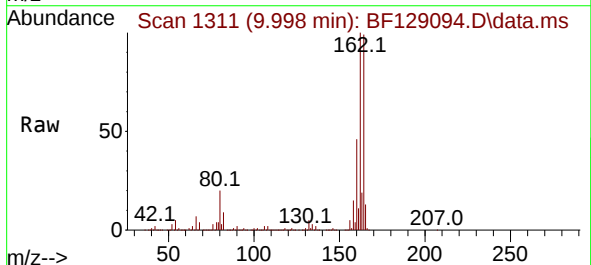
Ion Ratio Lower Upper

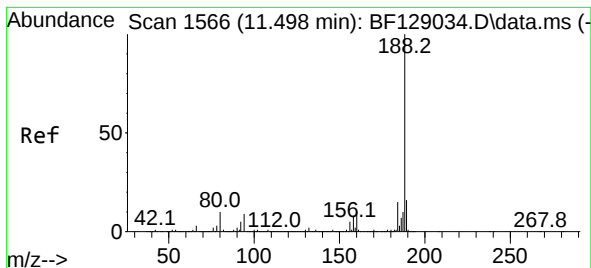
165 100

63 1.1 39.8 59.6#

89 0.8 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129094.D

Acq: 01 Jul 2022 16:24

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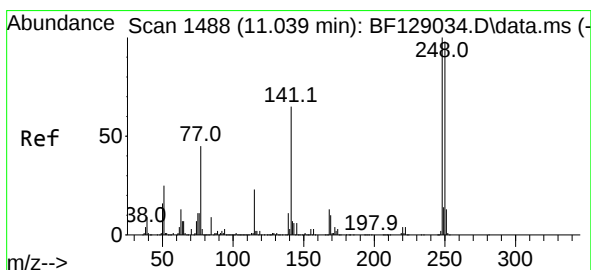
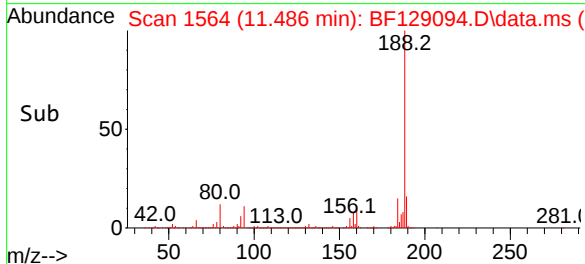
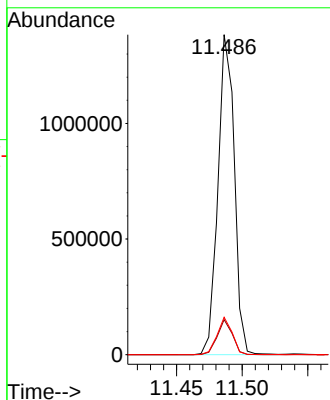
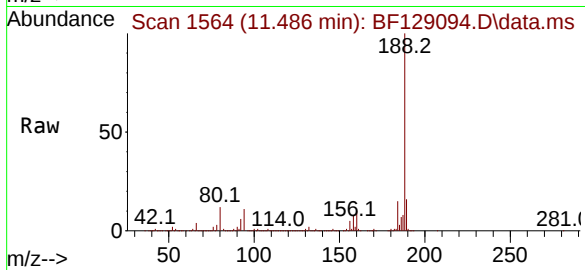
Tgt Ion:188 Resp: 1199366

Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.6#

80 11.7 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.049 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129094.D

Acq: 01 Jul 2022 16:24

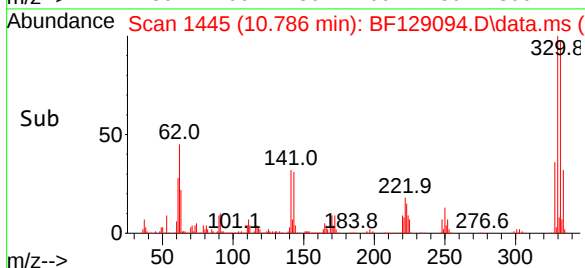
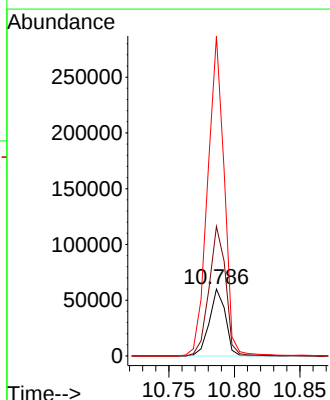
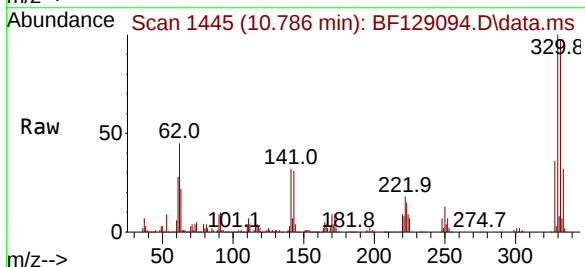
Tgt Ion:248 Resp: 51652

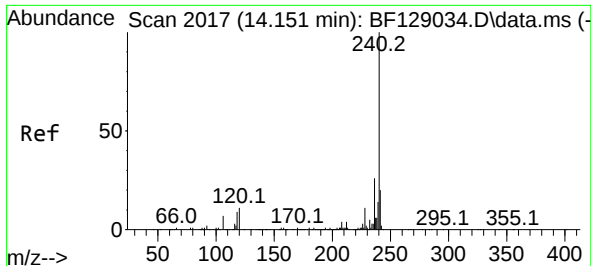
Ion Ratio Lower Upper

248 100

250 193.6 80.6 120.8#

141 478.1 58.9 88.3#

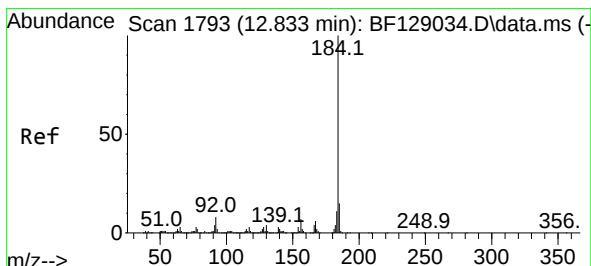
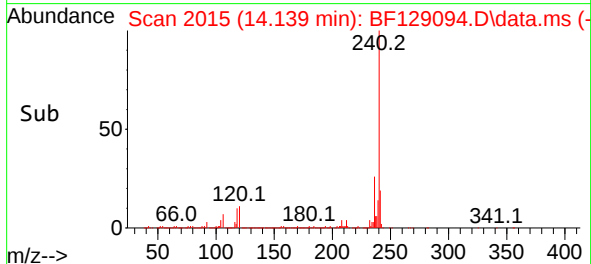
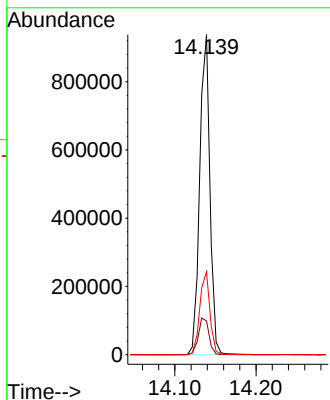
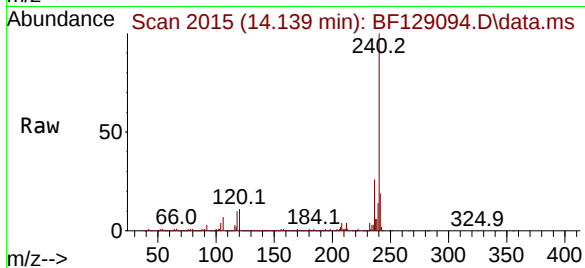




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129094.D
Acq: 01 Jul 2022 16:24

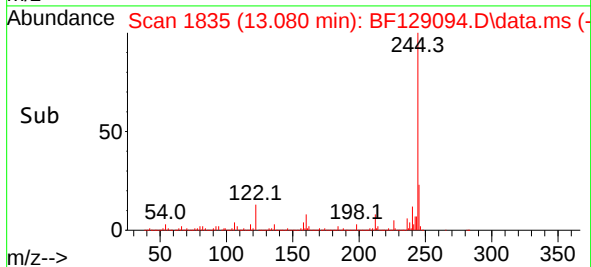
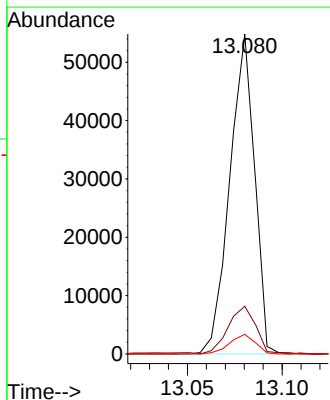
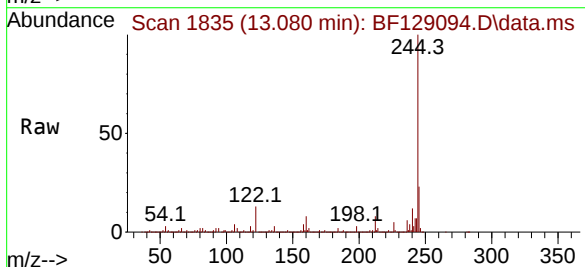
Instrument :
BNA_F
ClientSampleId :
S-4

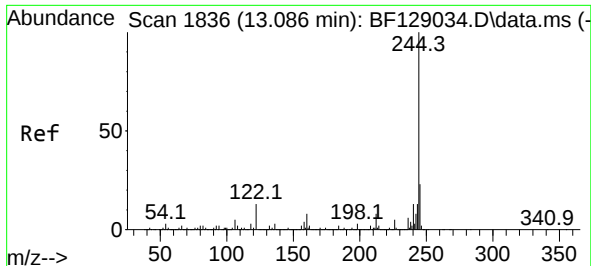
Tgt Ion:240 Resp: 820093
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.9 20.8 31.2



#77
Benzidine
Concen: 3.420 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129094.D
Acq: 01 Jul 2022 16:24

Tgt Ion:184 Resp: 49938
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 6.1 9.3 13.9#

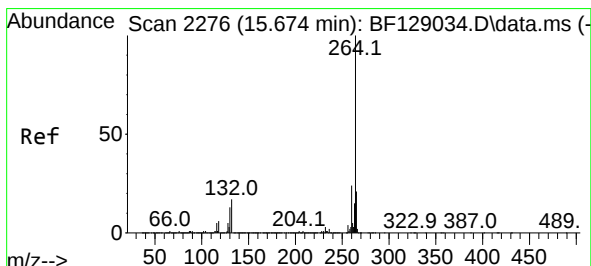
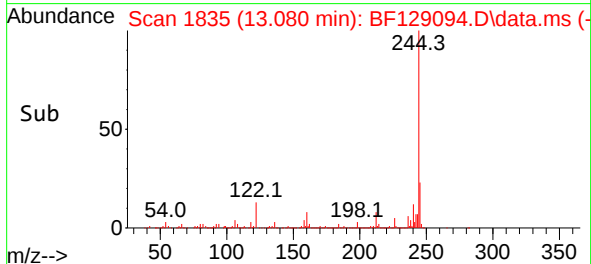
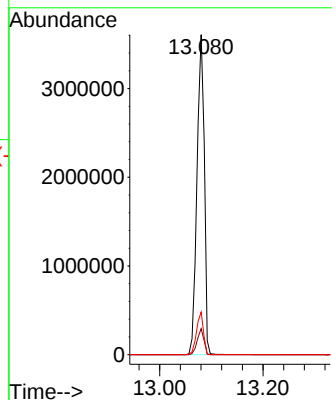
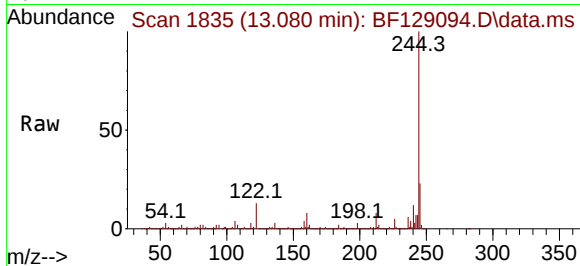




#79
 Terphenyl-d14
 Concen: 89.891 ng
 RT: 13.080 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF129094.D
 Acq: 01 Jul 2022 16:24

Instrument :
 BNA_F
 ClientSampleId :
 S-4

Tgt Ion:244 Resp: 3549917
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.1 9.1
 122 13.3 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2273
 Delta R.T. -0.018 min
 Lab File: BF129094.D
 Acq: 01 Jul 2022 16:24

Tgt Ion:264 Resp: 608465
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 22.0 17.2 25.8

