

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129925.D
 Acq On : 19 Aug 2022 23:41
 Operator : CG\JU
 Sample : N4224-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0816

Quant Time: Aug 20 07:56:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

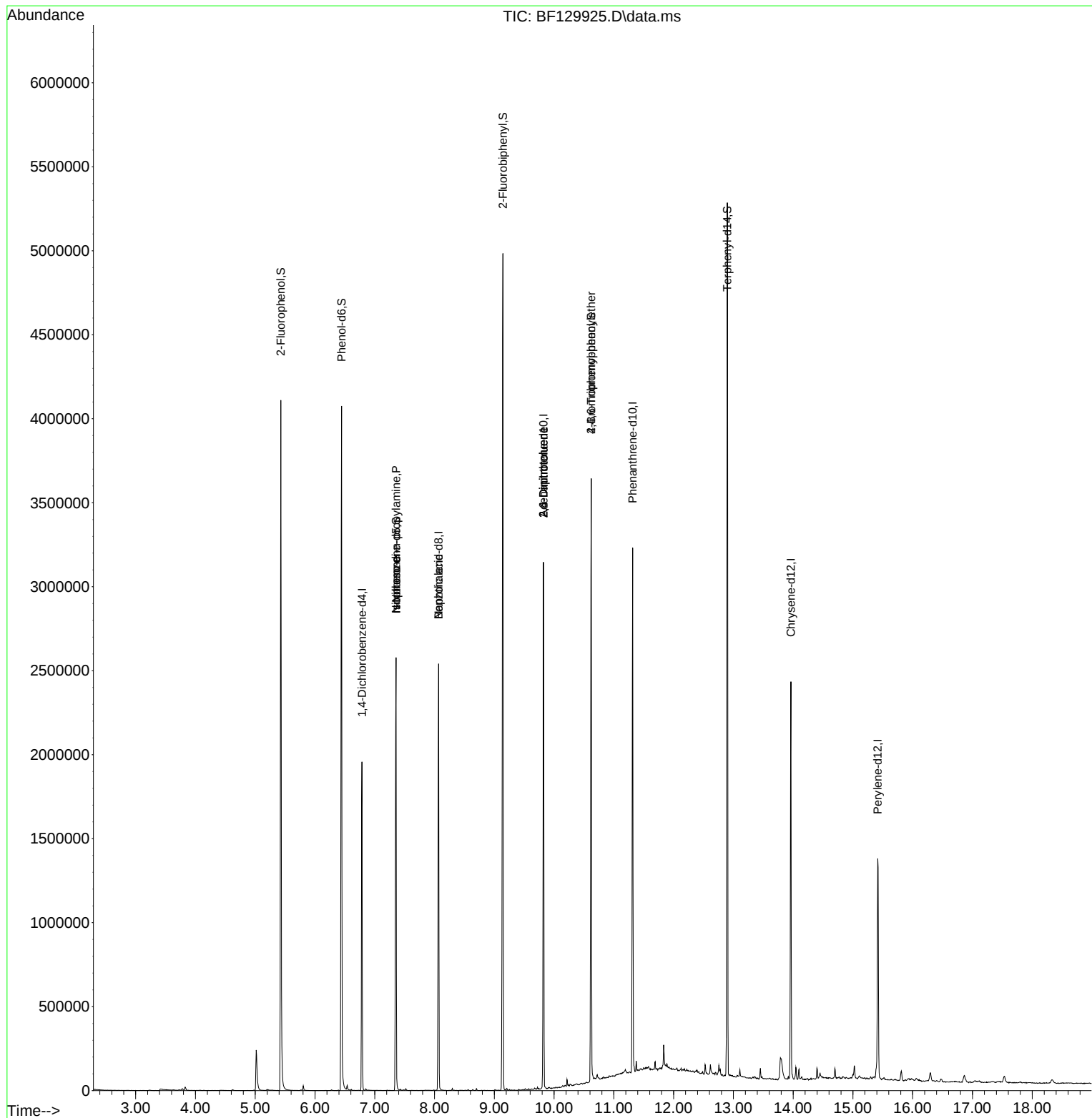
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	292762	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	1161266	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	625638	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	1073482	20.000	ng	0.00
76) Chrysene-d12	13.963	240	764275	20.000	ng	0.00
86) Perylene-d12	15.415	264	589047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1116814	63.161	ng	0.00
7) Phenol-d6	6.445	99	1453440	65.639	ng	0.00
23) Nitrobenzene-d5	7.357	82	900654	41.518	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	432152	68.823	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1656536	40.214	ng	0.00
79) Terphenyl-d14	12.898	244	1834739	39.945	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	2195	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	118603	8.474	ng	# 75
25) Isophorone	7.357	82	900643	24.122	ng	# 65
32) Benzoic acid	8.069	122	230	2.192	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	82633	8.493	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	82633	6.543	ng	# 18
67) 4-Bromophenyl-phenylether	10.622	248	26473	2.106	ng	# 1
77) Benzidine	12.898	184	25663	Below Cal	#	91

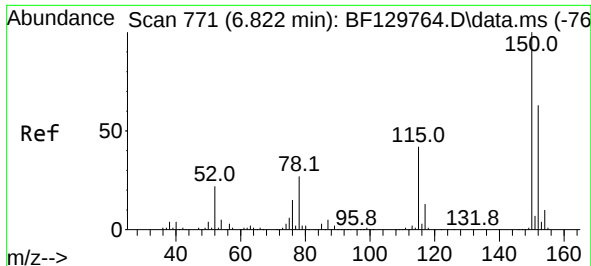
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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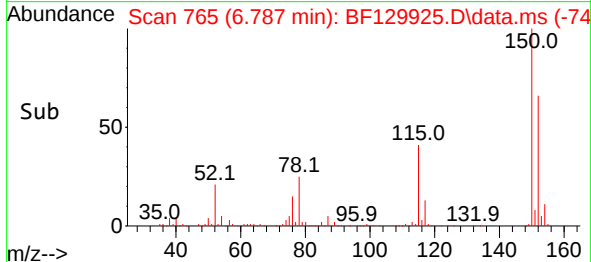
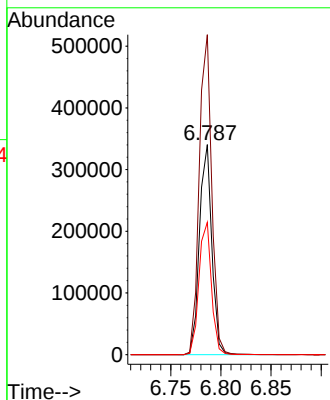
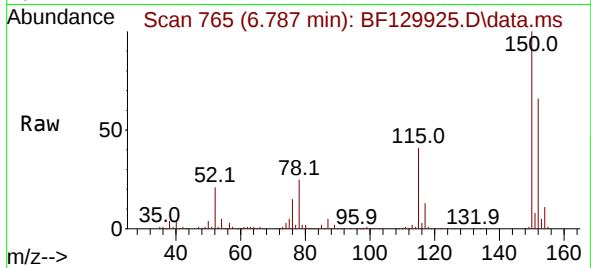




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129925.D
Acq: 19 Aug 2022 23:41

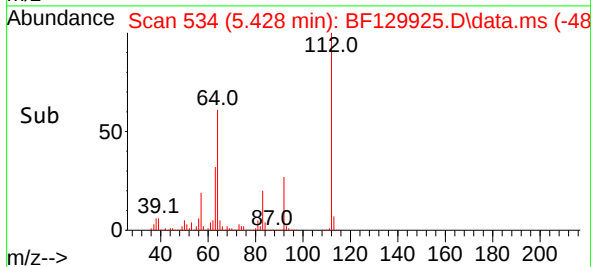
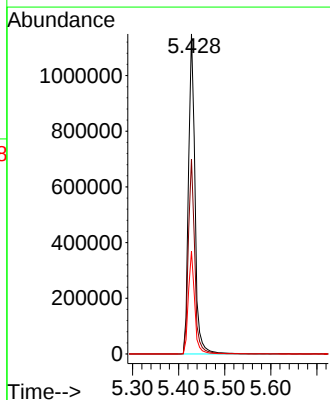
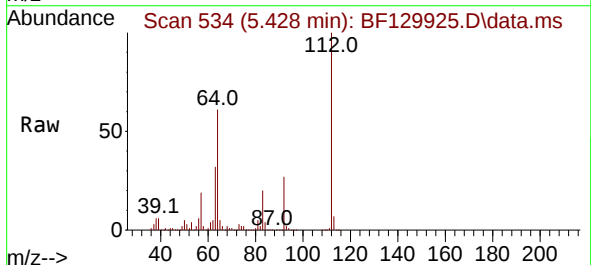
Instrument :
BNA_F
ClientSampleId :
TP2-0816

Tgt Ion:152 Resp: 292762
Ion Ratio Lower Upper
152 100
150 152.3 126.9 190.3
115 63.0 53.4 80.0



#5
2-Fluorophenol
Concen: 63.161 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.006 min
Lab File: BF129925.D
Acq: 19 Aug 2022 23:41

Tgt Ion:112 Resp: 1116814
Ion Ratio Lower Upper
112 100
64 60.9 47.6 71.4
63 32.1 24.6 37.0

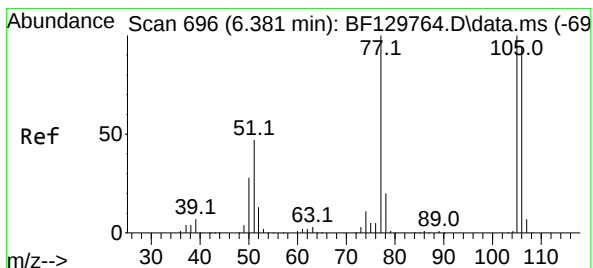
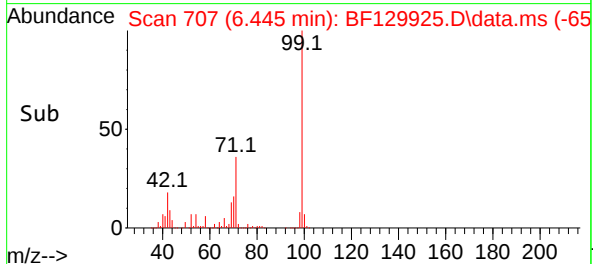
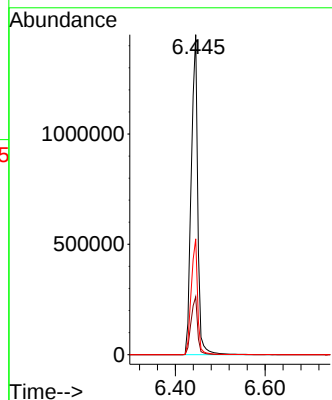
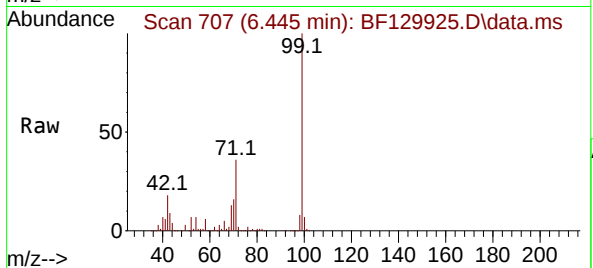




#7
Phenol-d6
Concen: 65.639 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.000 min
Lab File: BF129925.D
Acq: 19 Aug 2022 23:41

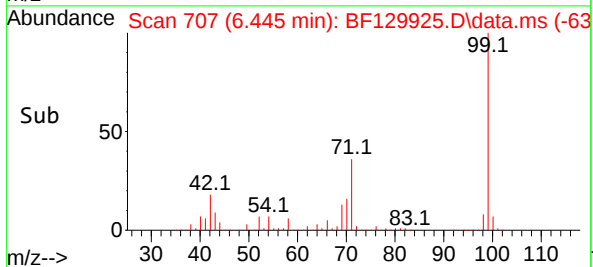
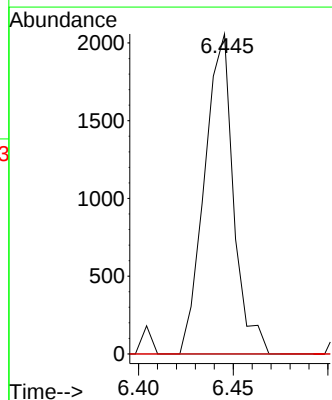
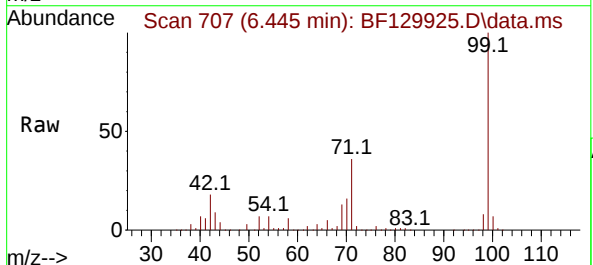
Instrument :
BNA_F
ClientSampleId :
TP2-0816

Tgt Ion: 99 Resp: 1453440
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 36.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 707
Delta R.T. 0.100 min
Lab File: BF129925.D
Acq: 19 Aug 2022 23:41

Tgt Ion: 77 Resp: 2195
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

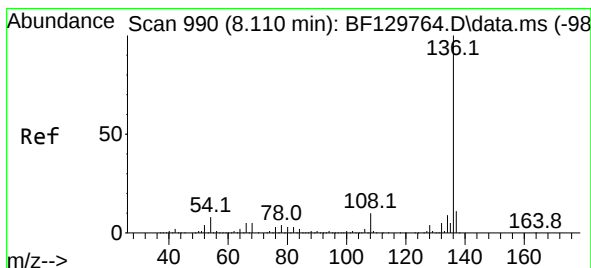
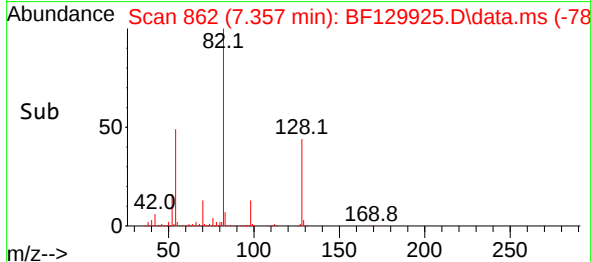
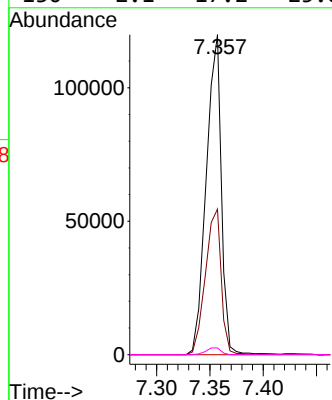
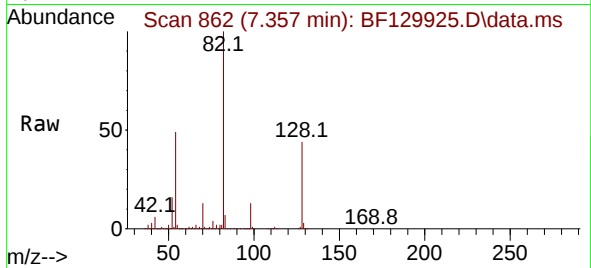




#19
n-Nitroso-di-n-propylamine
Concen: 8.474 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129925.D
Acq: 19 Aug 2022 23:41

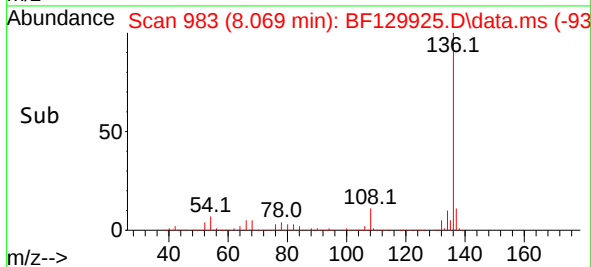
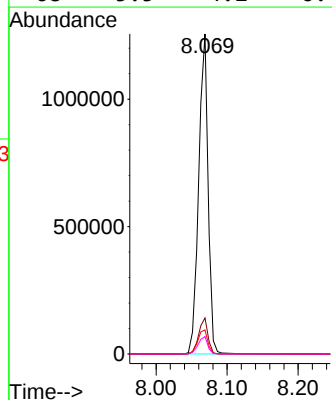
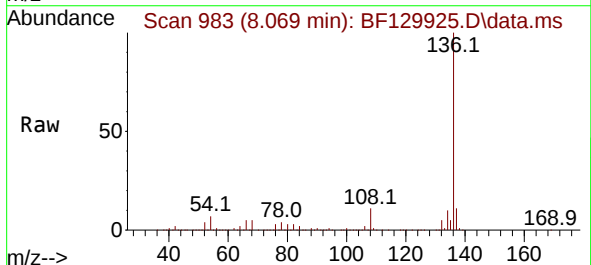
Instrument :
BNA_F
ClientSampleId :
TP2-0816

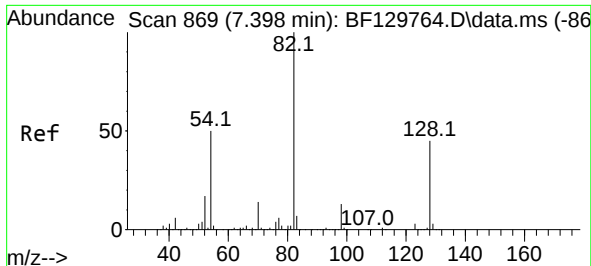
Tgt Ion: 70 Resp: 118603
Ion Ratio Lower Upper
70 100
42 45.5 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF129925.D
Acq: 19 Aug 2022 23:41

Tgt Ion:136 Resp: 1161266
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.5 6.2 9.2
68 5.5 4.2 6.4

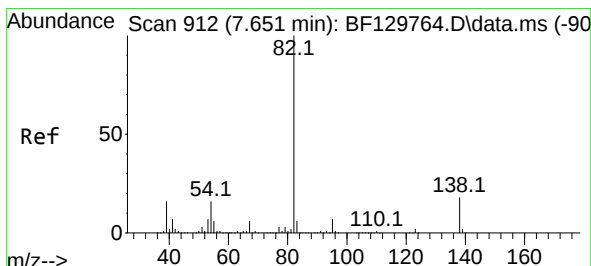
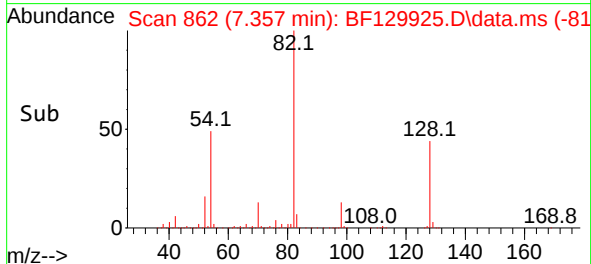
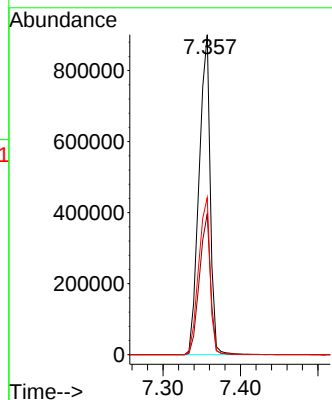
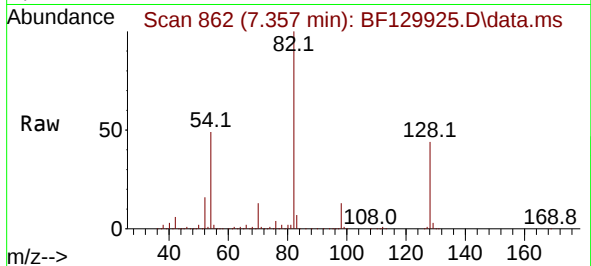




#23
Nitrobenzene-d5
Concen: 41.518 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129925.D
Acq: 19 Aug 2022 23:41

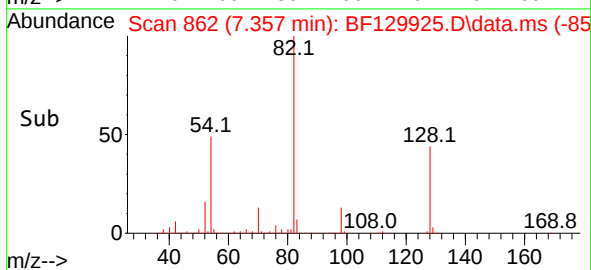
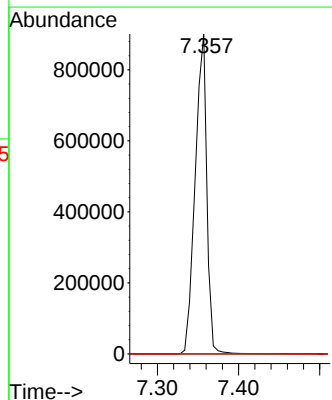
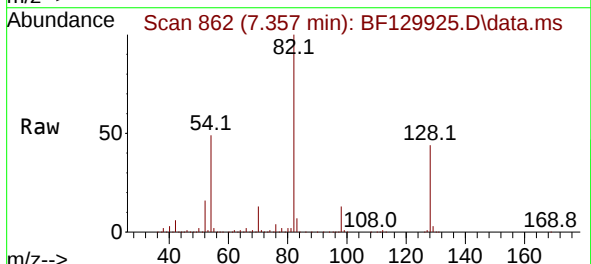
Instrument :
BNA_F
ClientSampleId :
TP2-0816

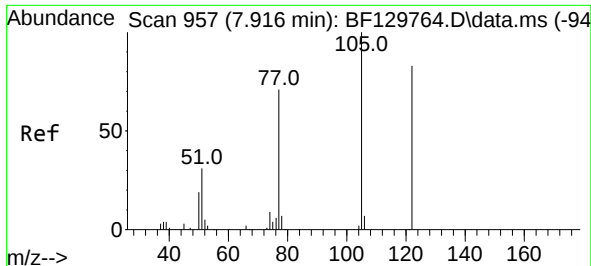
Tgt Ion: 82 Resp: 900654
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 49.0 40.0 60.0



#25
Isophorone
Concen: 24.122 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.259 min
Lab File: BF129925.D
Acq: 19 Aug 2022 23:41

Tgt Ion: 82 Resp: 900643
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

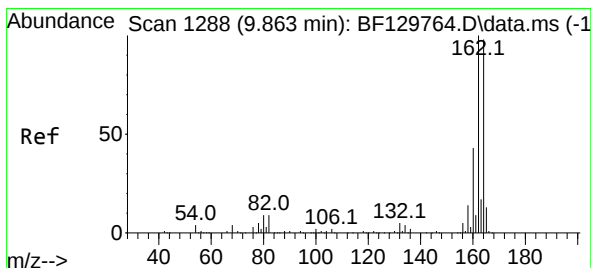
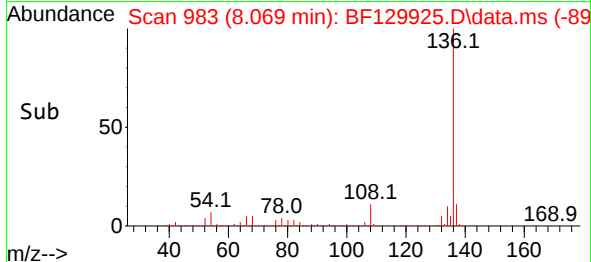
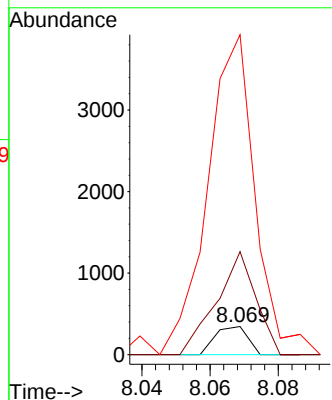
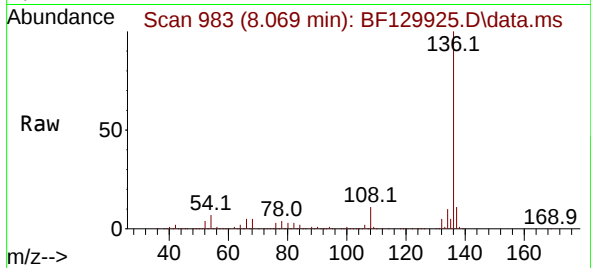




#32
Benzoic acid
Concen: 2.192 ng
RT: 8.069 min Scan# 91
Delta R.T. 0.194 min
Lab File: BF129925.D
Acq: 19 Aug 2022 23:41

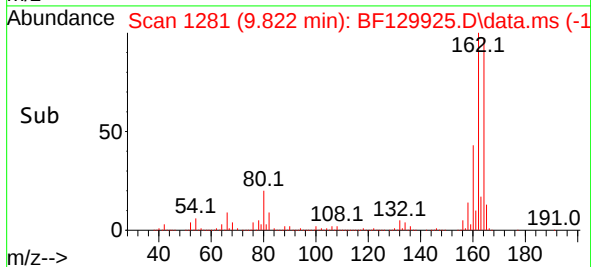
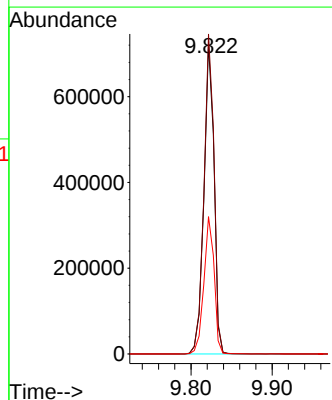
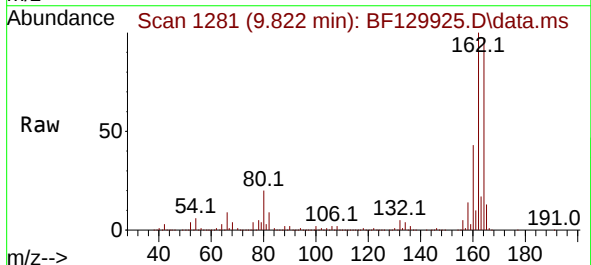
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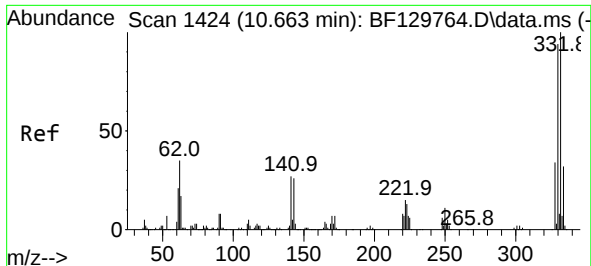
Tgt Ion:122 Resp: 230
Ion Ratio Lower Upper
122 100
105 365.3 99.9 139.9#
77 1134.1 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF129925.D
Acq: 19 Aug 2022 23:41

Tgt Ion:164 Resp: 625638
Ion Ratio Lower Upper
164 100
162 103.4 82.0 123.0
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 68.823 ng

RT: 10.622 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129925.D

Acq: 19 Aug 2022 23:41

Instrument :

BNA_F

ClientSampleId :

TP2-0816

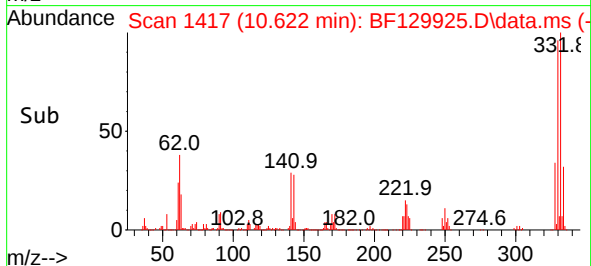
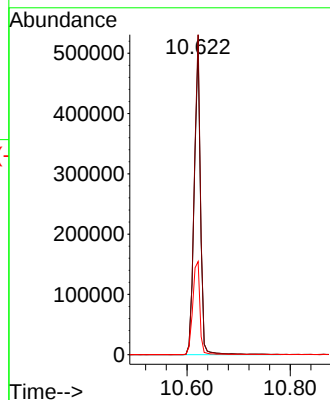
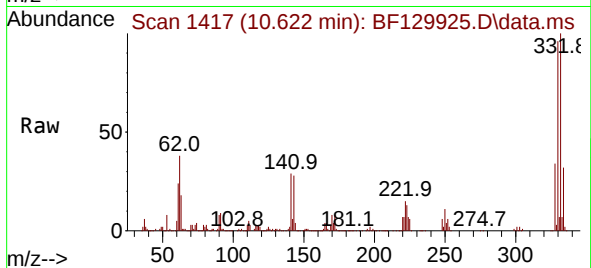
Tgt Ion:330 Resp: 432152

Ion Ratio Lower Upper

330 100

332 102.0 82.6 124.0

141 34.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 40.214 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF129925.D

Acq: 19 Aug 2022 23:41

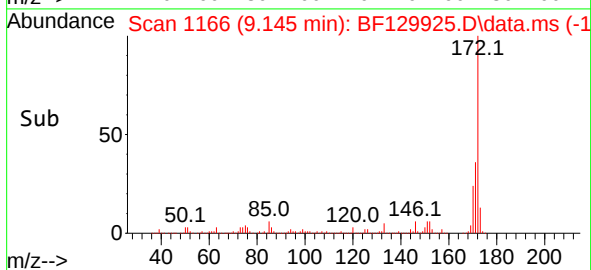
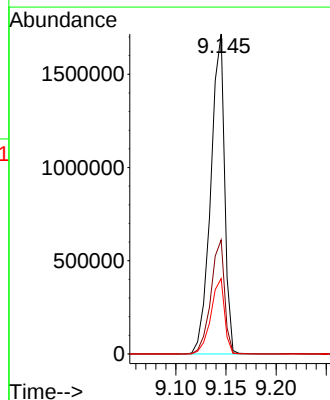
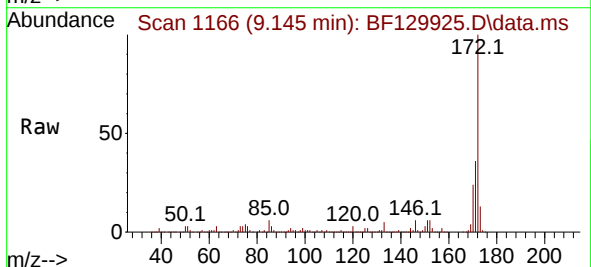
Tgt Ion:172 Resp: 1656536

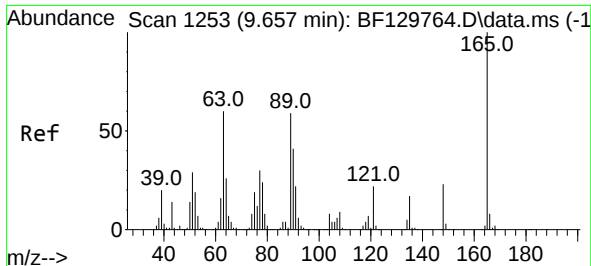
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.493 ng

RT: 9.822 min Scan# 1281

Delta R.T. 0.200 min

Lab File: BF129925.D

Acq: 19 Aug 2022 23:41

Instrument :

BNA_F

ClientSampleId :

TP2-0816

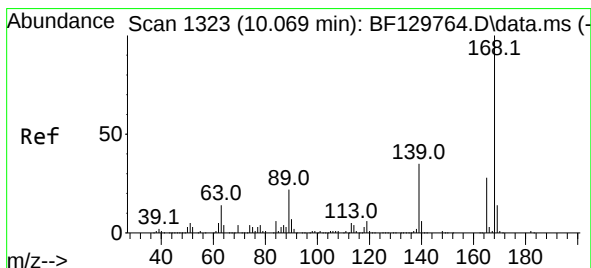
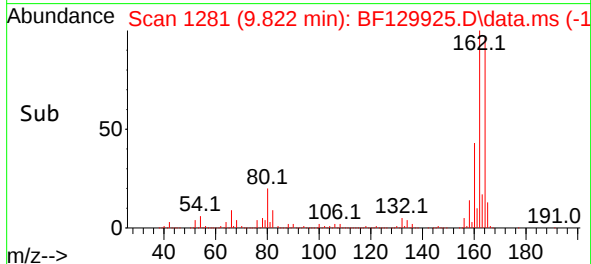
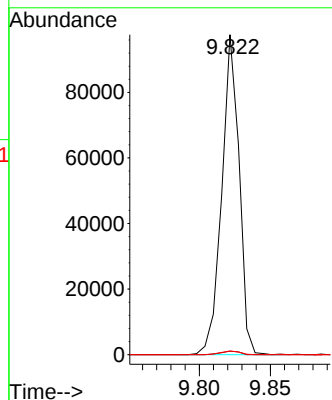
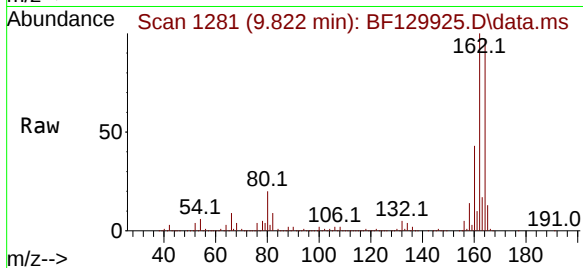
Tgt Ion:165 Resp: 82633

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.543 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.212 min

Lab File: BF129925.D

Acq: 19 Aug 2022 23:41

Tgt Ion:165 Resp: 82633

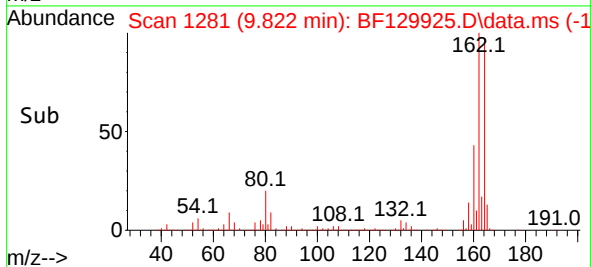
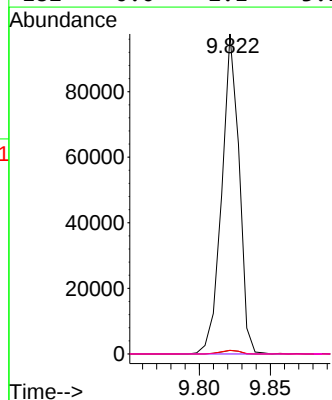
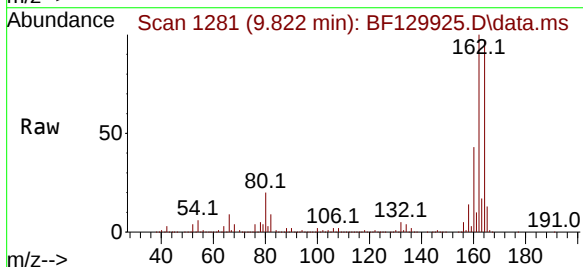
Ion Ratio Lower Upper

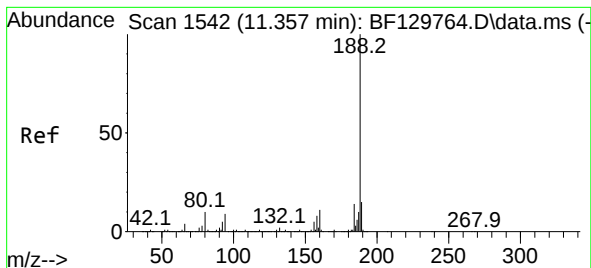
165 100

63 1.1 48.4 72.6#

89 1.2 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129925.D

Acq: 19 Aug 2022 23:41

Instrument :

BNA_F

ClientSampleId :

TP2-0816

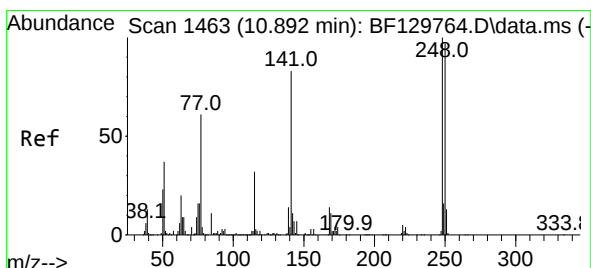
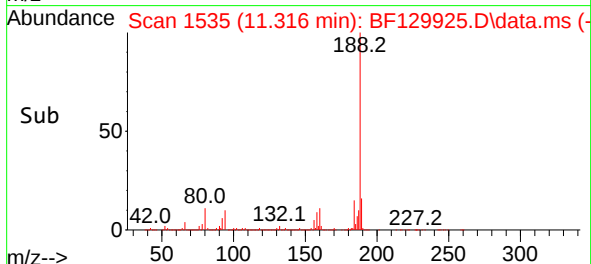
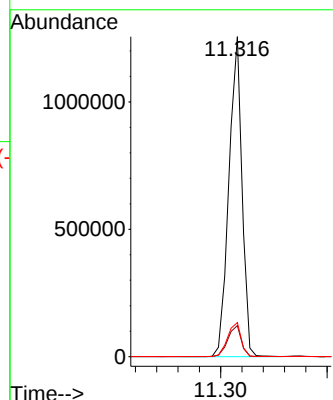
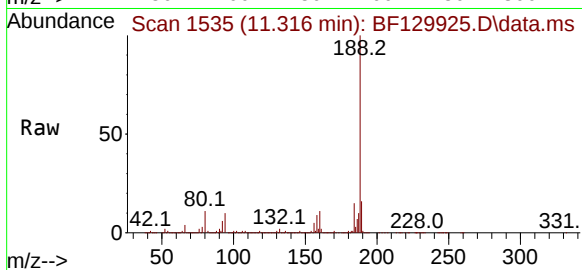
Tgt Ion:188 Resp: 1073482

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.7 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.106 ng

RT: 10.622 min Scan# 1417

Delta R.T. -0.229 min

Lab File: BF129925.D

Acq: 19 Aug 2022 23:41

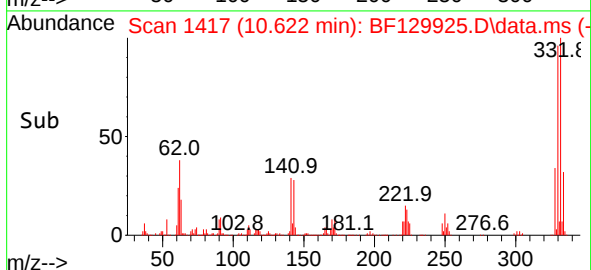
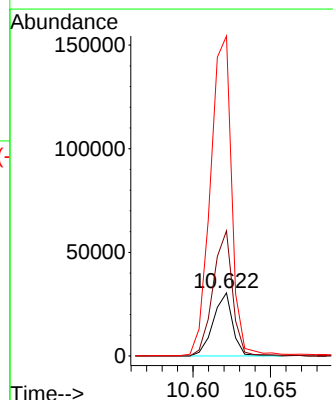
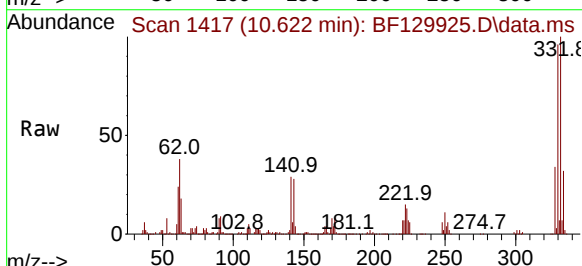
Tgt Ion:248 Resp: 26473

Ion Ratio Lower Upper

248 100

250 198.3 77.8 116.6#

141 507.5 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129925.D

Acq: 19 Aug 2022 23:41

Instrument :

BNA_F

ClientSampleId :

TP2-0816

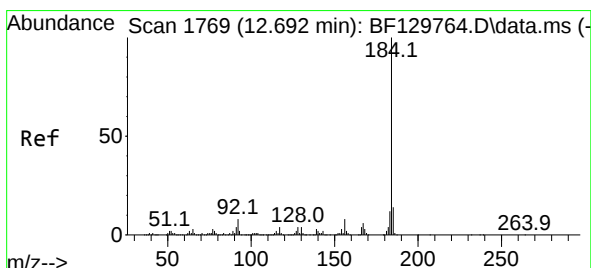
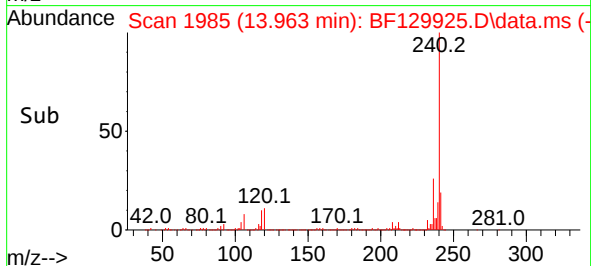
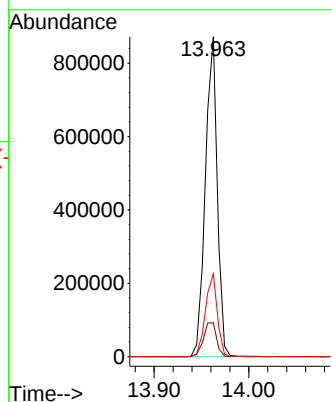
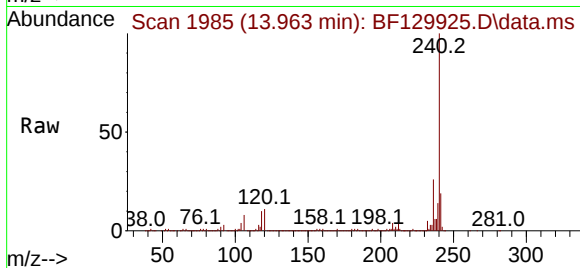
Tgt Ion:240 Resp: 764275

Ion Ratio Lower Upper

240 100

120 10.6 9.2 13.8

236 25.8 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.898 min Scan# 1804

Delta R.T. 0.241 min

Lab File: BF129925.D

Acq: 19 Aug 2022 23:41

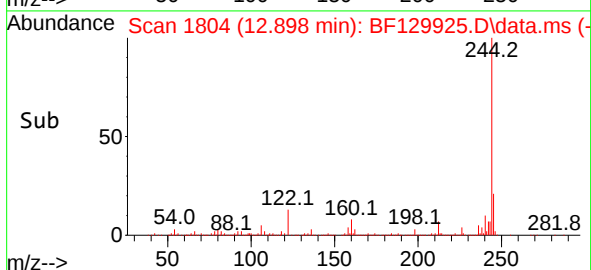
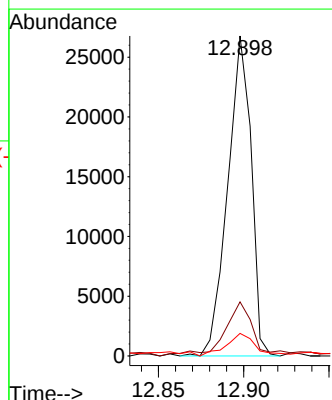
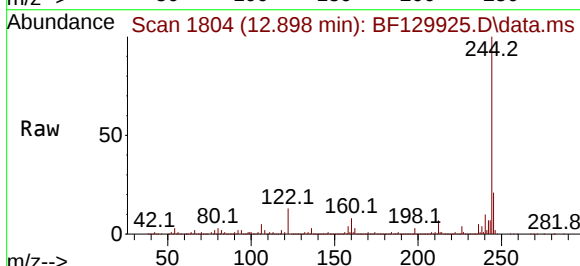
Tgt Ion:184 Resp: 25663

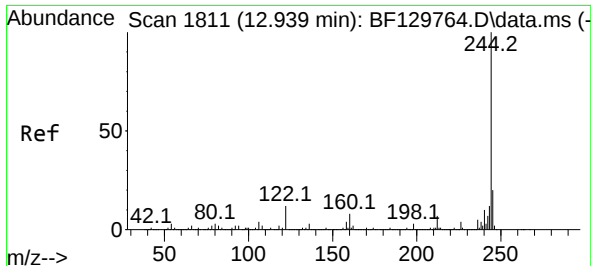
Ion Ratio Lower Upper

184 100

185 16.9 11.4 17.2

183 7.0 9.4 14.2#

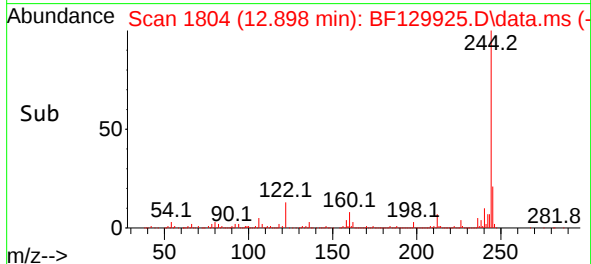
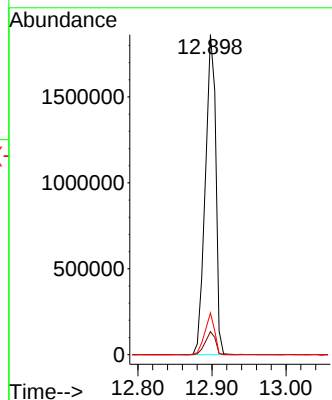
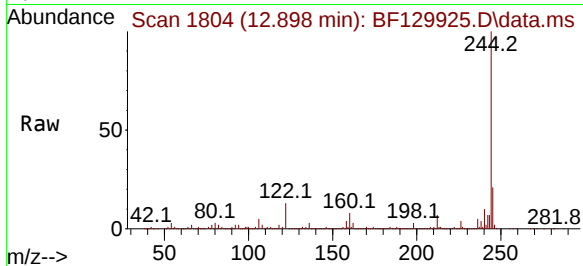




#79
 Terphenyl-d14
 Concen: 39.945 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129925.D
 Acq: 19 Aug 2022 23:41

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0816

Tgt Ion:244 Resp: 1834739
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 13.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: BF129925.D
 Acq: 19 Aug 2022 23:41

Tgt Ion:264 Resp: 589047
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.8 16.7 25.1

