

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129349.D
 Acq On : 26 Jul 2022 11:46
 Operator : CG\JU
 Sample : N3839-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jul 27 00:38:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

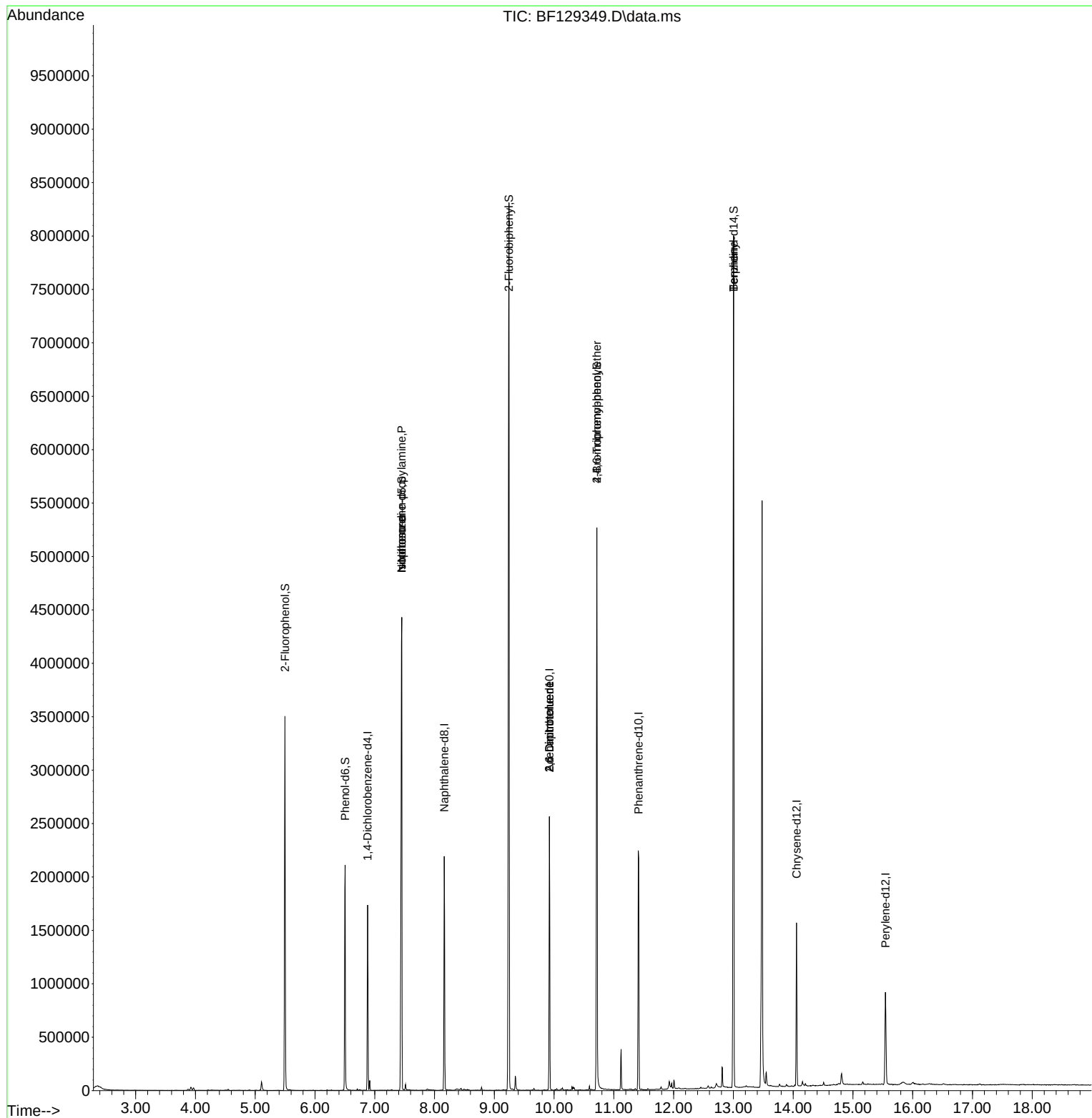
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	229940	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	913414	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	487321	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	840358	20.000	ng	0.00
76) Chrysene-d12	14.057	240	478992	20.000	ng	#-0.01
86) Perylene-d12	15.545	264	381863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	893047	63.267	ng	0.00
7) Phenol-d6	6.504	99	686345	38.684	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1632270	97.550	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	640181	136.638	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2686874	85.292	ng	0.00
79) Terphenyl-d14	13.004	244	2753817	108.463	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	216164	20.125	ng	# 73
25) Isophorone	7.451	82	1630669	54.368	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	63317	8.409	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	63317	6.437	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	39632	4.307	ng	# 1
77) Benzidine	13.004	184	38706	2.287	ng	# 91

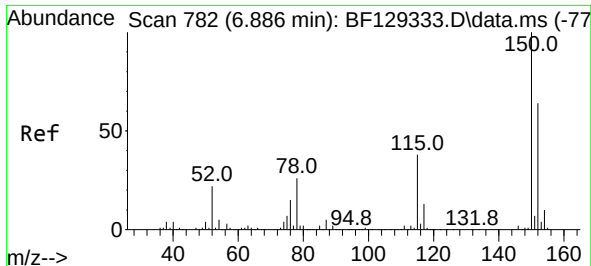
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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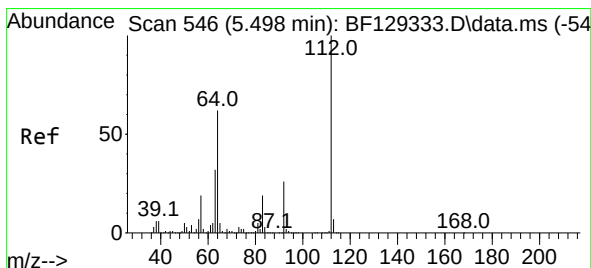
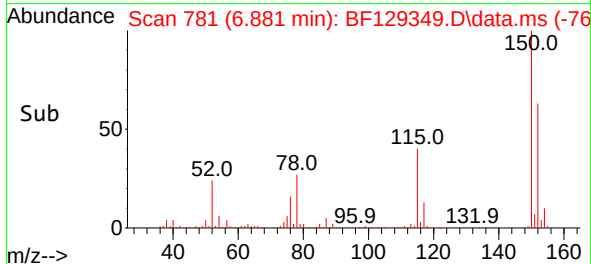
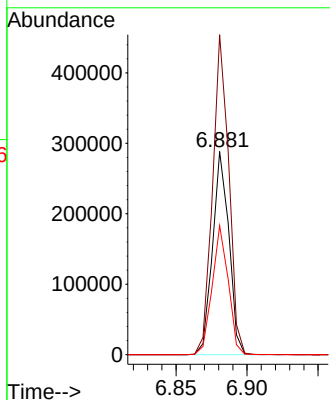
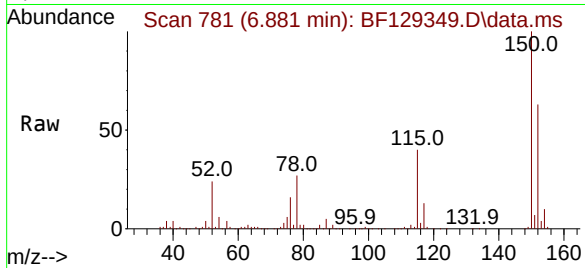




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 781
Delta R.T. -0.005 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

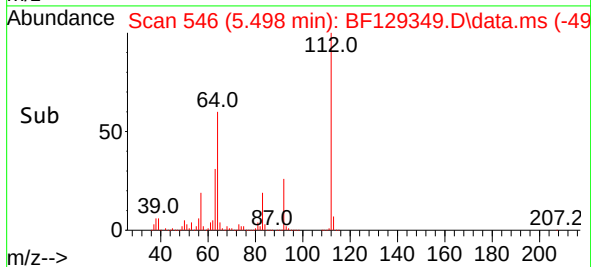
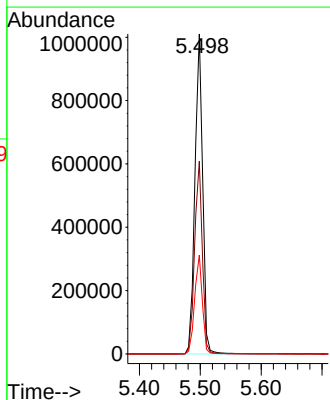
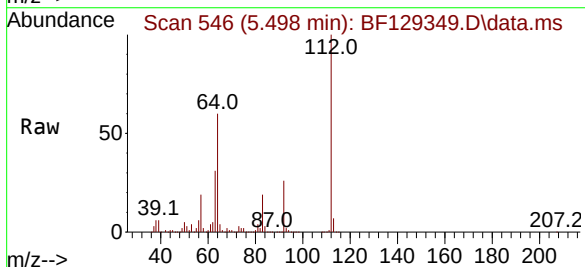
Instrument :
BNA_F
ClientSampleId :
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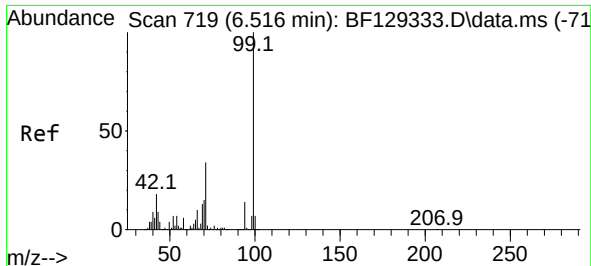
Tgt Ion:152 Resp: 229940
Ion Ratio Lower Upper
152 100
150 157.5 123.7 185.5
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 63.267 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

Tgt Ion:112 Resp: 893047
Ion Ratio Lower Upper
112 100
64 60.2 53.3 79.9
63 30.9 28.0 42.0

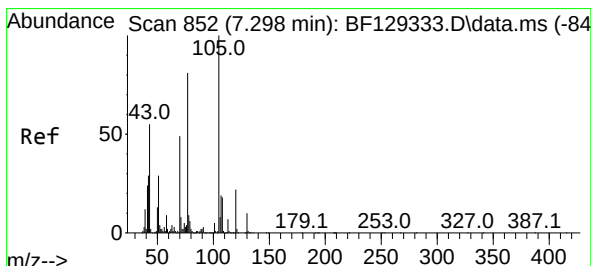
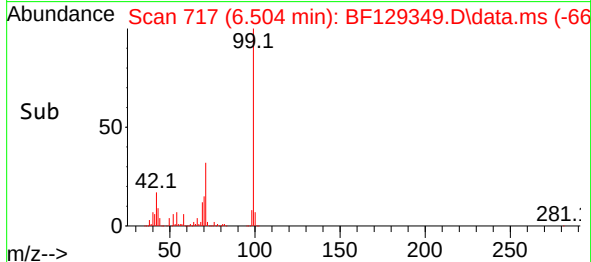
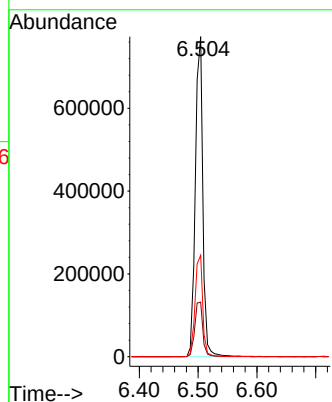
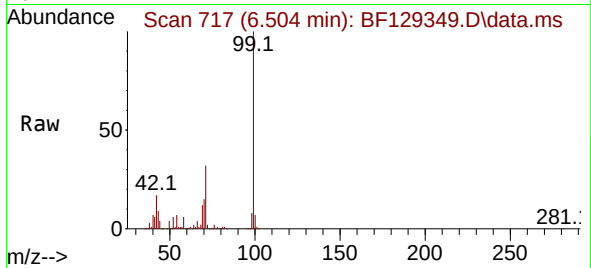




#7
Phenol-d6
Concen: 38.684 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

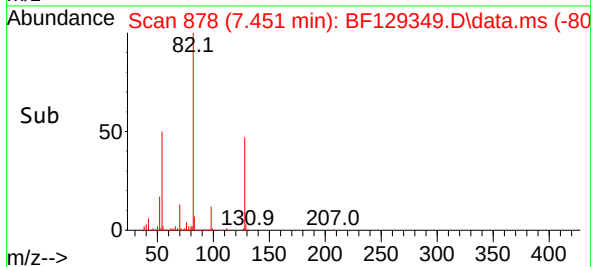
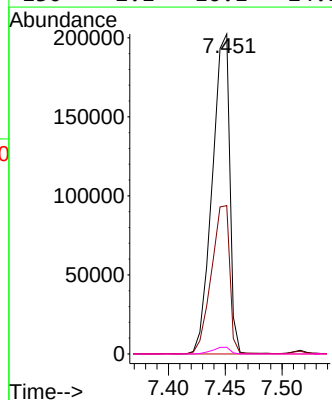
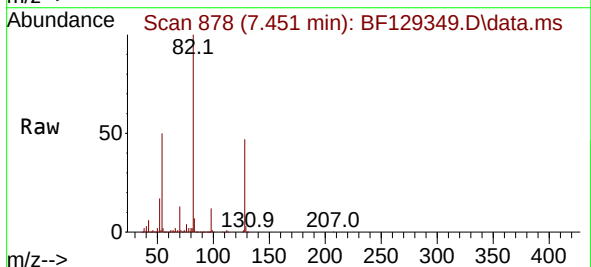
Instrument :
BNA_F
ClientSampleId :
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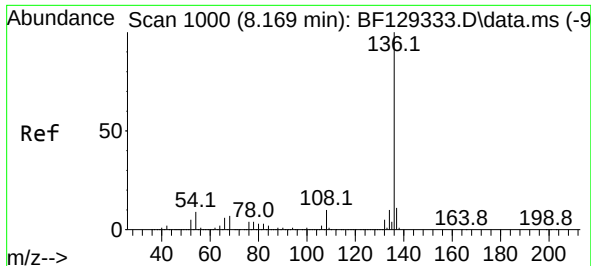
Tgt Ion: 99 Resp: 686345
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 31.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.125 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

Tgt Ion: 70 Resp: 216164
Ion Ratio Lower Upper
70 100
42 46.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

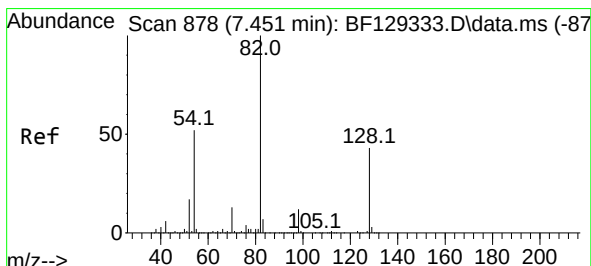
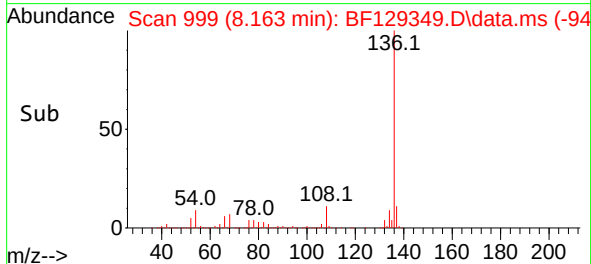
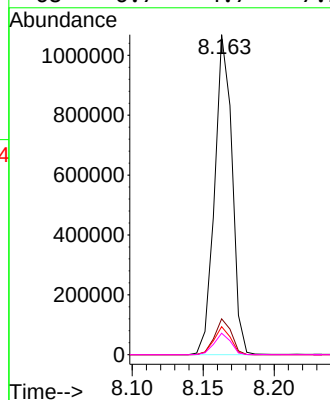
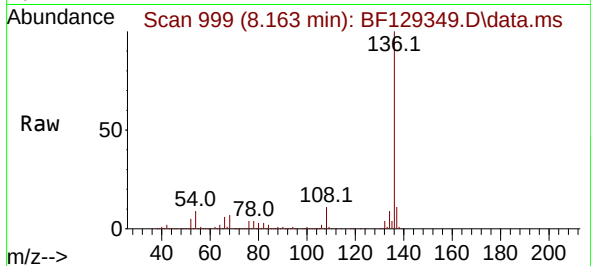




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

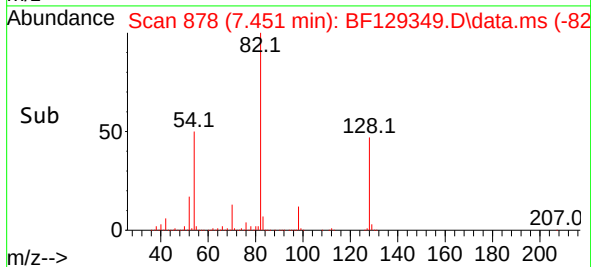
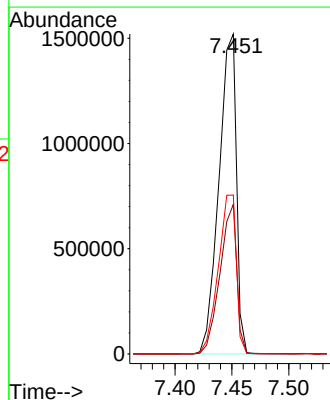
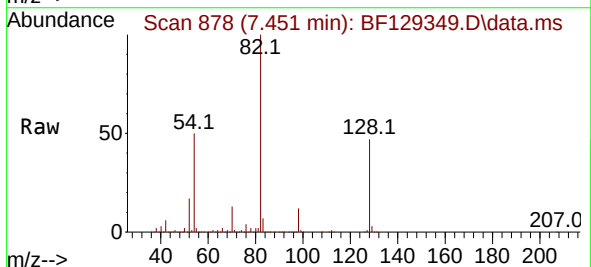
Instrument :
BNA_F
ClientSampleId :
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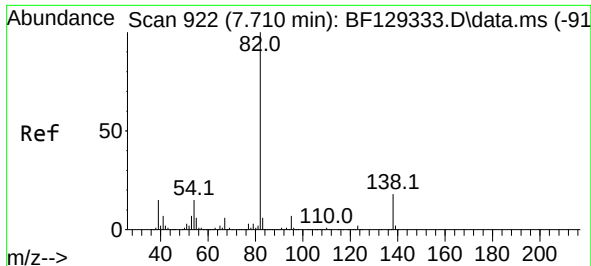
Tgt Ion:136 Resp: 913414
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 7.5 11.3
68 6.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 97.550 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

Tgt Ion: 82 Resp: 1632270
Ion Ratio Lower Upper
82 100
128 46.8 34.0 51.0
54 49.6 46.9 70.3

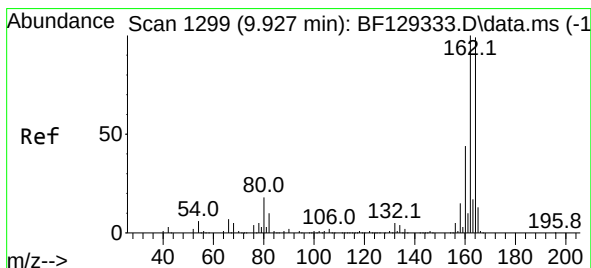
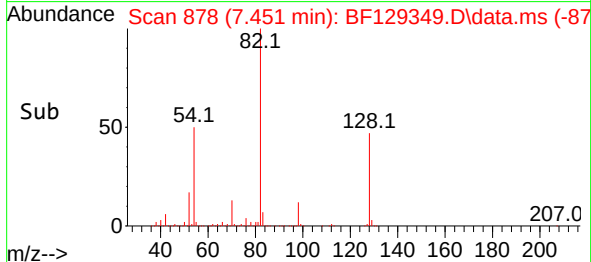
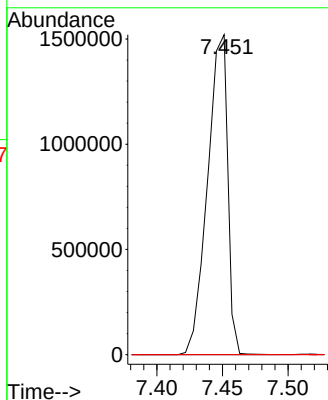
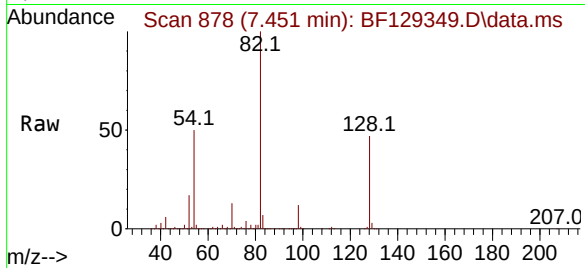




#25
Isophorone
Concen: 54.368 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

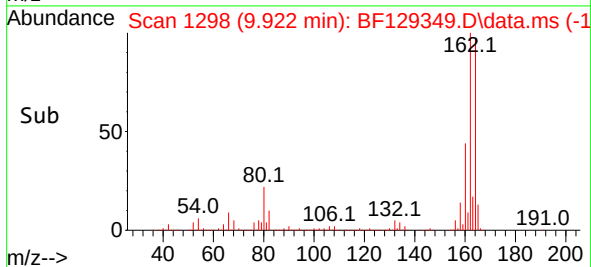
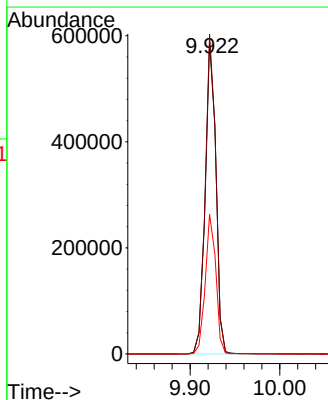
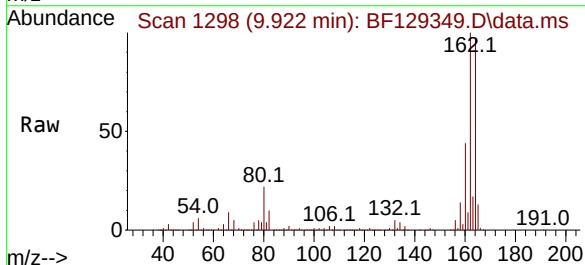
Instrument :
BNA_F
ClientSampleId :
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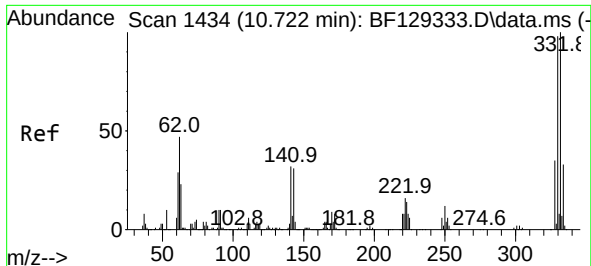
Tgt Ion: 82 Resp: 1630669
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

Tgt Ion: 164 Resp: 487321
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 136.638 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129349.D

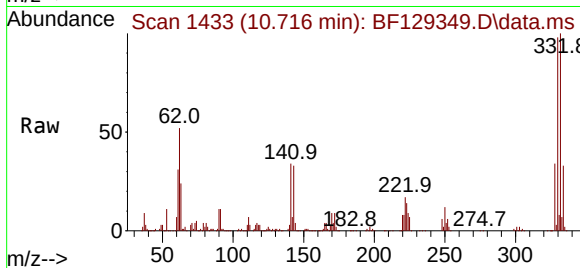
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Instrument :

BNA_F

ClientSampleId :

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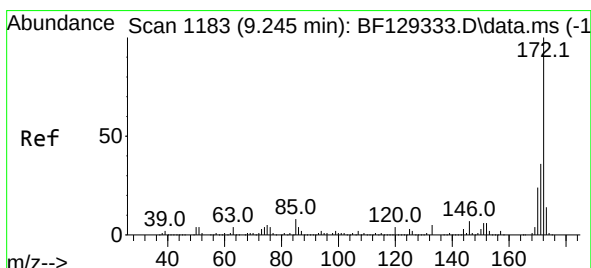
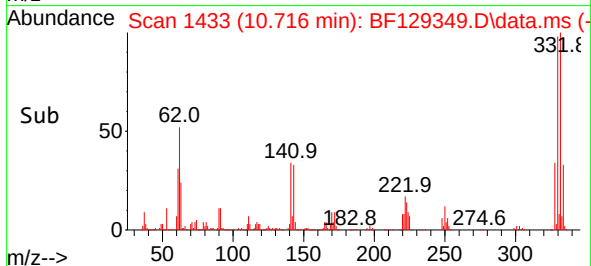
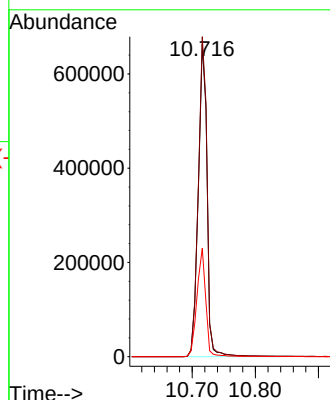
Tgt Ion:330 Resp: 640181

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 85.292 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

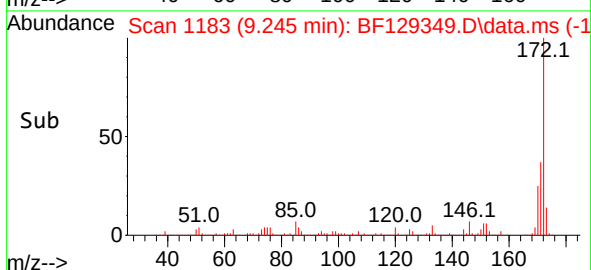
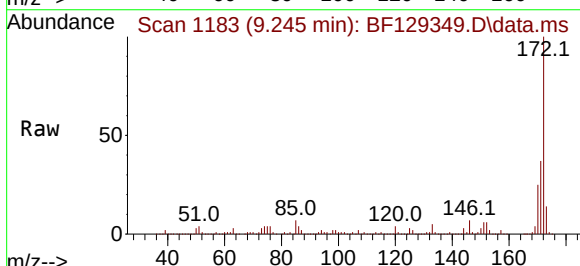
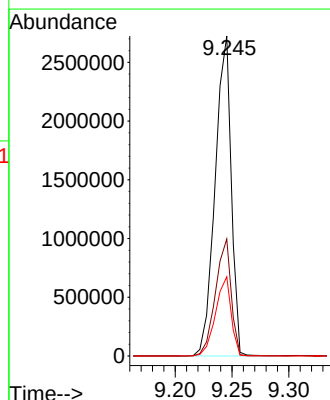
Tgt Ion:172 Resp: 2686874

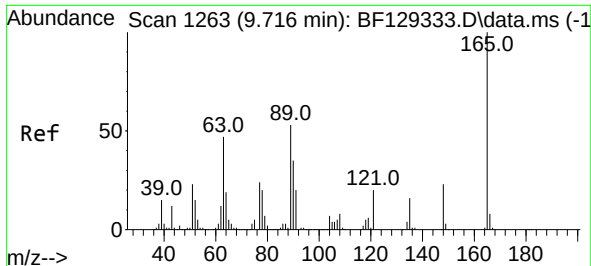
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.409 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

Instrument :

BNA_F

ClientSampleId :

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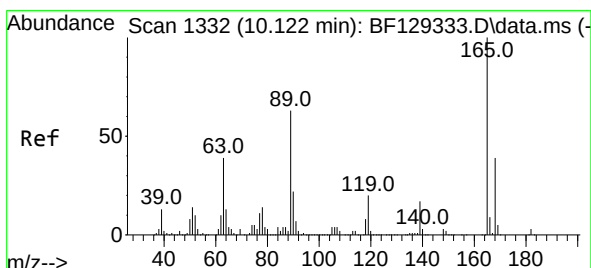
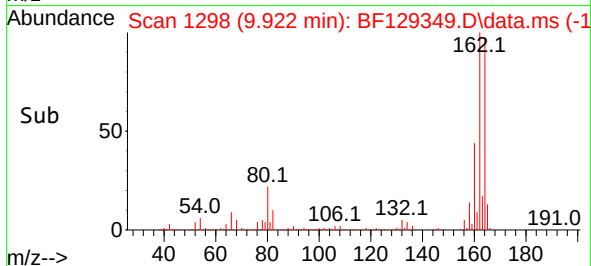
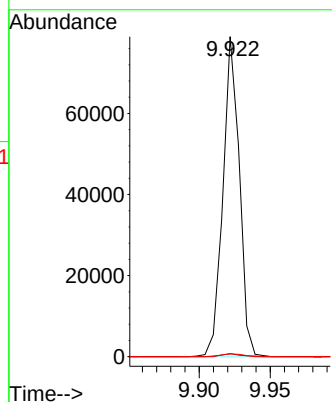
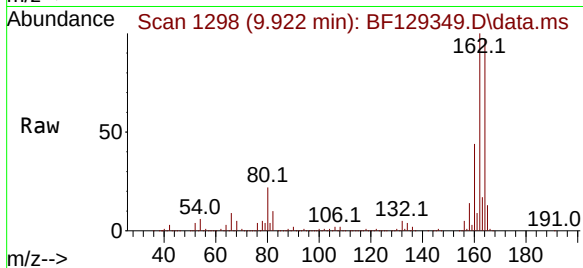
Tgt Ion:165 Resp: 63317

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 0.8 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.437 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

Tgt Ion:165 Resp: 63317

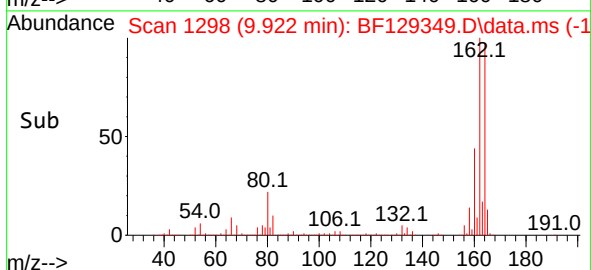
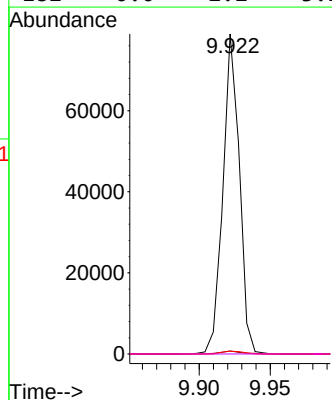
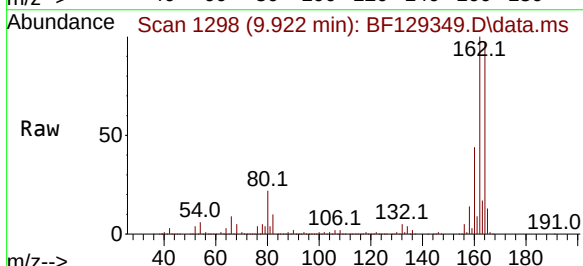
Ion Ratio Lower Upper

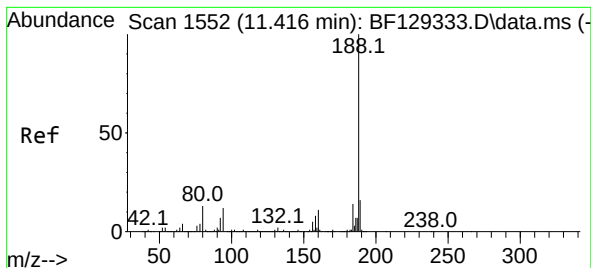
165 100

63 0.9 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: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

Instrument :

BNA_F

ClientSampleId :

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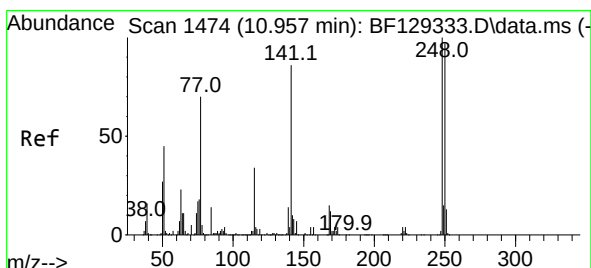
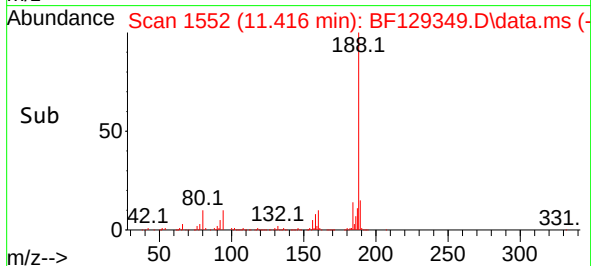
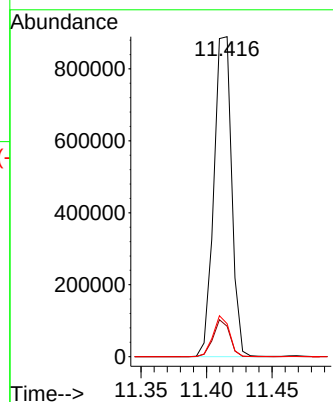
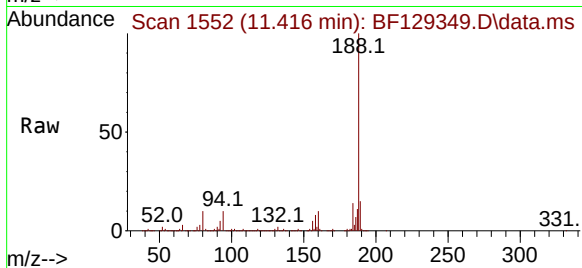
Tgt Ion:188 Resp: 840358

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.3 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.307 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF129349.D

Acq: 26 Jul 2022 11:46

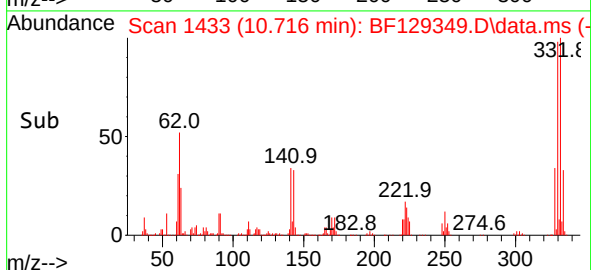
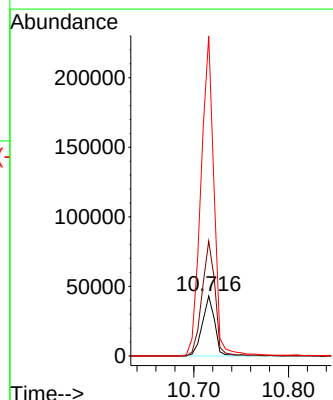
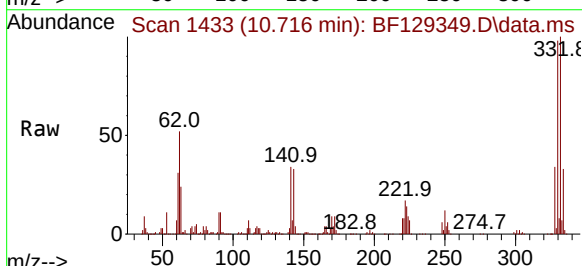
Tgt Ion:248 Resp: 39632

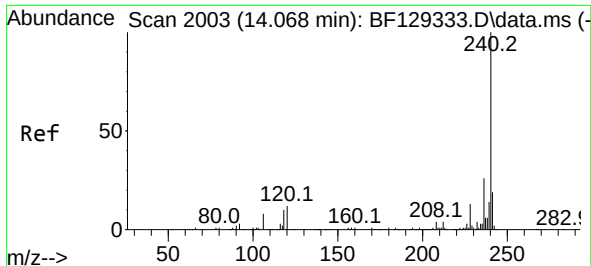
Ion Ratio Lower Upper

248 100

250 191.5 80.6 120.8#

141 533.6 58.9 88.3#

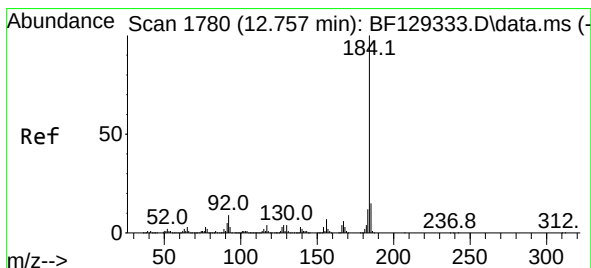
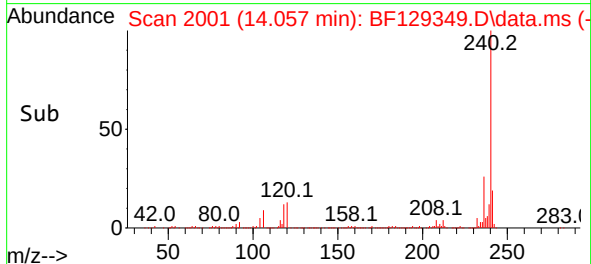
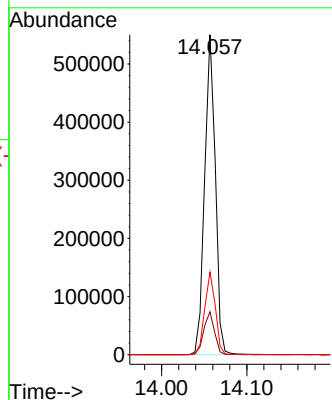
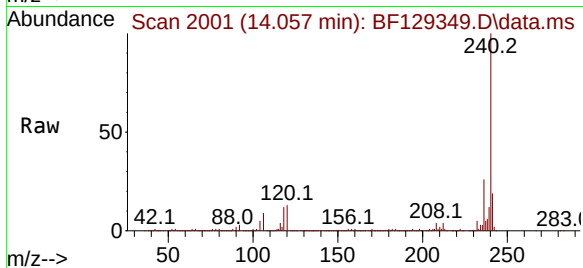




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

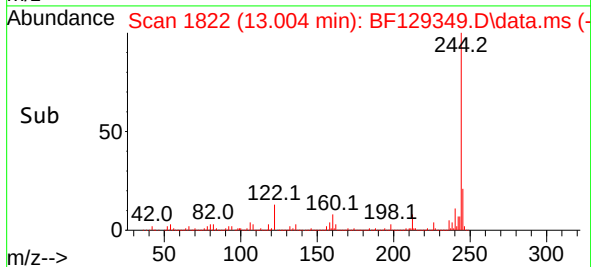
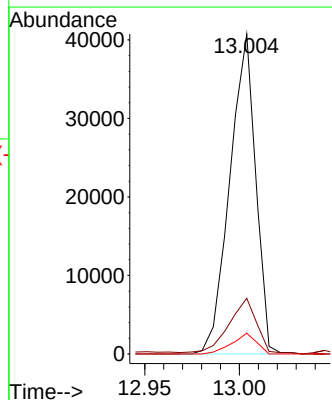
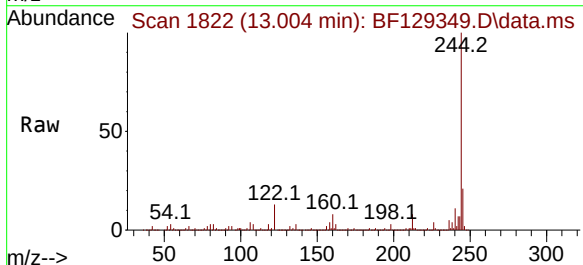
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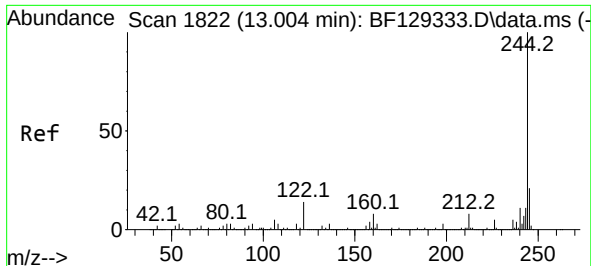
Tgt Ion:240 Resp: 478992
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 25.8 20.8 31.2



#77
Benzidine
Concen: 2.287 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129349.D
Acq: 26 Jul 2022 11:46

Tgt Ion:184 Resp: 38706
Ion Ratio Lower Upper
184 100
185 17.4 11.9 17.9
183 6.5 9.3 13.9#

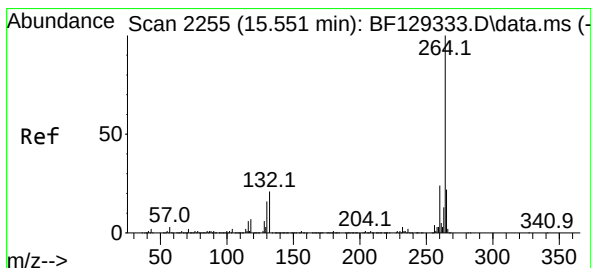
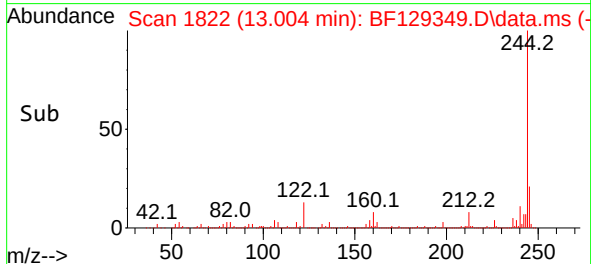
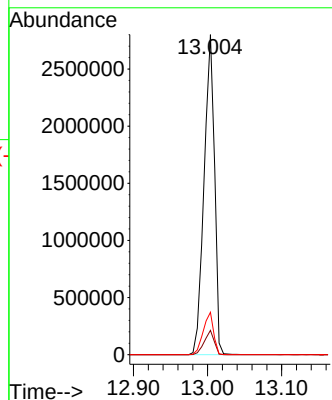
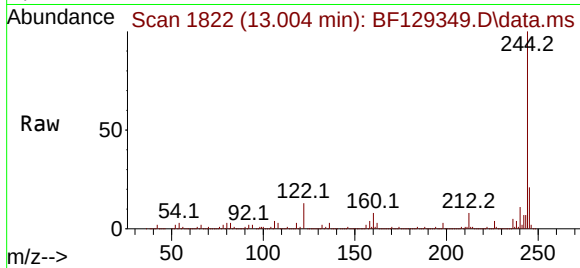




#79
 Terphenyl-d14
 Concen: 108.463 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129349.D
 Acq: 26 Jul 2022 11:46

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:244 Resp: 2753817
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.2 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF129349.D
 Acq: 26 Jul 2022 11:46

Tgt Ion:264 Resp: 381863
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 21.5 17.2 25.8

