

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129080.D
 Acq On : 01 Jul 2022 01:59
 Operator : CG\JU
 Sample : N3502-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-42-UC

Quant Time: Jul 01 05:45:52 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)

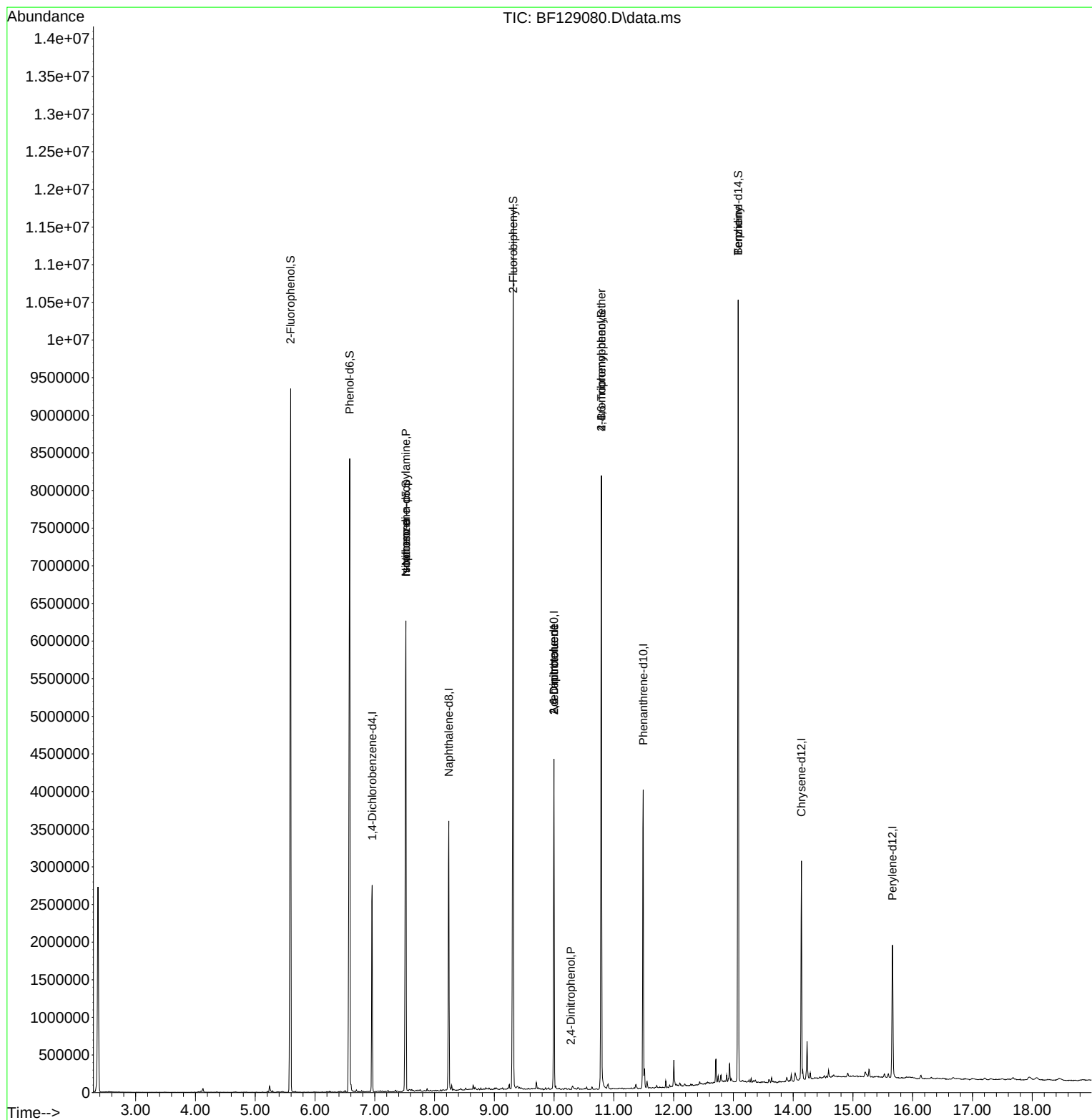
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	426967	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1626131	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	842998	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1476512	20.000	ng	0.00
76) Chrysene-d12	14.139	240	909029	20.000	ng	-0.01
86) Perylene-d12	15.662	264	806377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	2938396	116.350	ng	0.00
7) Phenol-d6	6.581	99	3701840	118.022	ng	0.00
23) Nitrobenzene-d5	7.522	82	2272934	83.371	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1110504	121.150	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3751008	71.184	ng	0.00
79) Terphenyl-d14	13.080	244	3561368	81.358	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	810	Below Cal	#	21
19) n-Nitroso-di-n-propyla...	7.522	70	303385	16.721	ng	# 70
25) Isophorone	7.522	82	2188320	47.494	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	112203	10.412	ng	# 25
54) 2,4-Dinitrophenol	10.280	184	60	6.876	ng	# 13
57) 2,4-Dinitrotoluene	9.998	165	112203	8.434	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	67998	4.329	ng	# 1
77) Benzidine	13.080	184	51374	3.174	ng	# 93

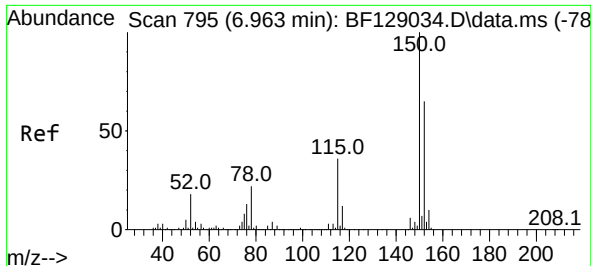
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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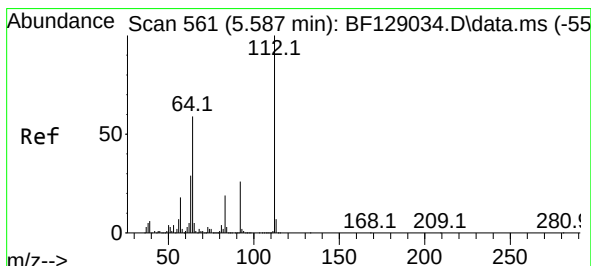
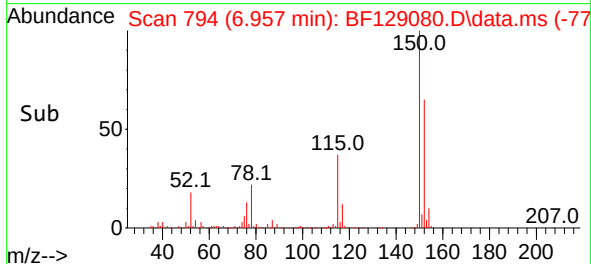
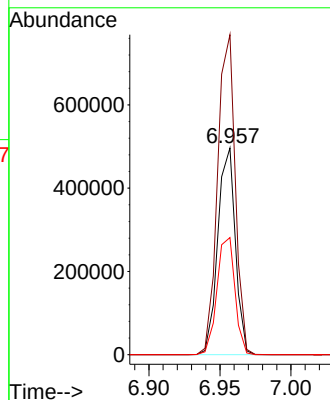
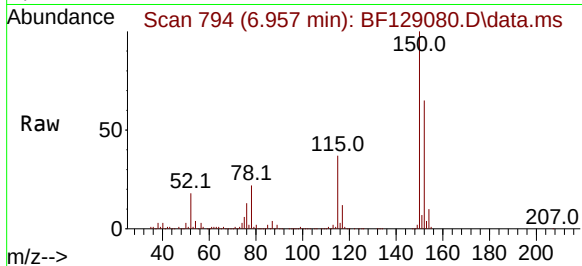




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129080.D
 Acq: 01 Jul 2022 01:59

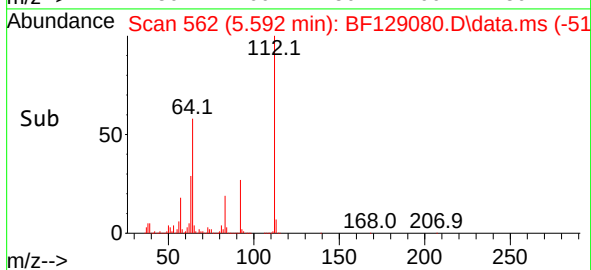
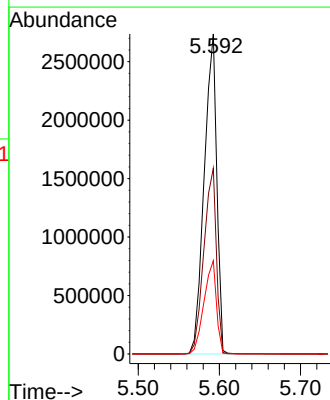
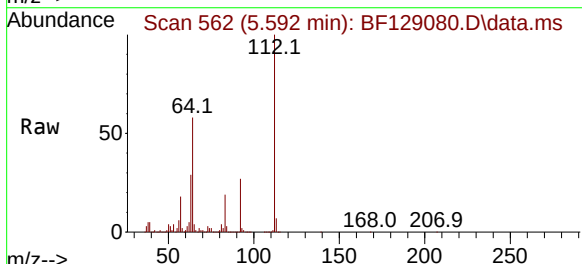
Instrument :
 BNA_F
 ClientSampleId :
 D-42-UC

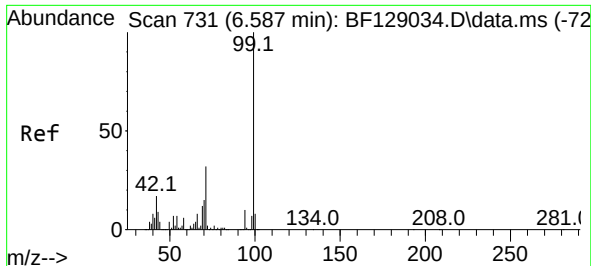
Tgt Ion:152 Resp: 426967
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.7 185.5
 115 56.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 116.350 ng
 RT: 5.592 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF129080.D
 Acq: 01 Jul 2022 01:59

Tgt Ion:112 Resp: 2938396
 Ion Ratio Lower Upper
 112 100
 64 58.0 53.3 79.9
 63 29.2 28.0 42.0

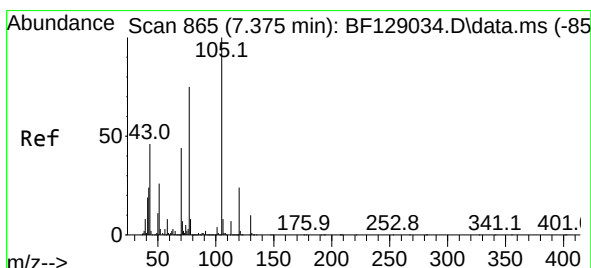
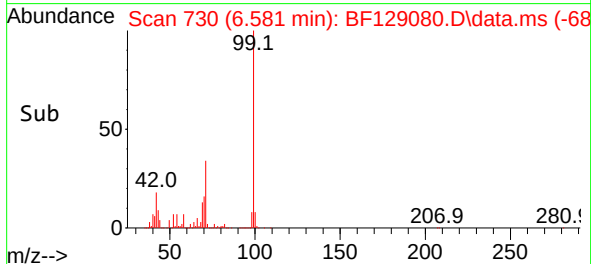
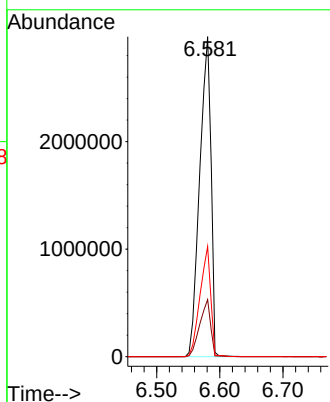
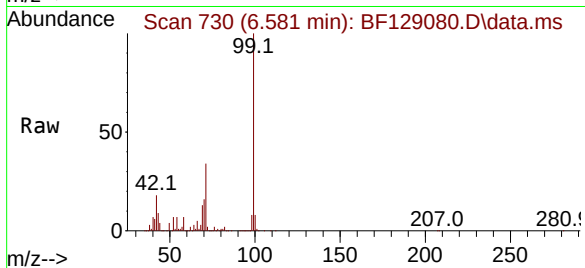




#7
Phenol-d6
Concen: 118.022 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

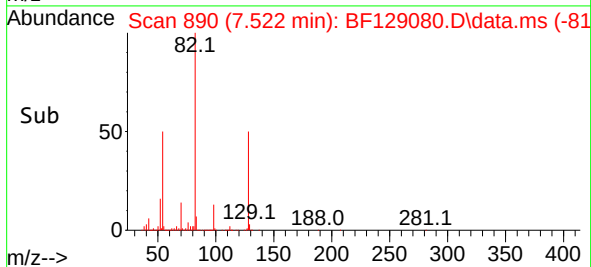
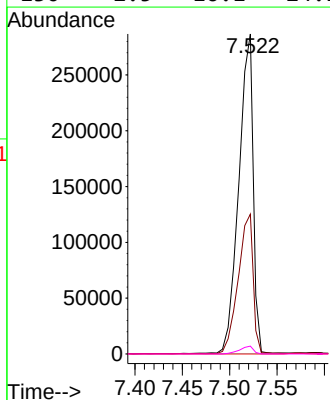
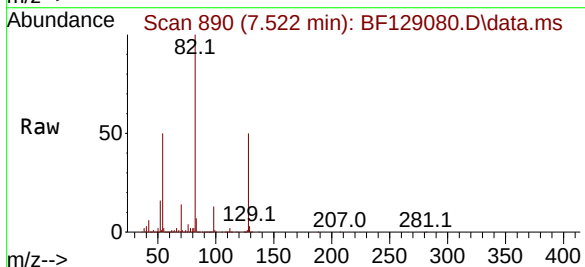
Instrument :
BNA_F
ClientSampleId :
D-42-UC

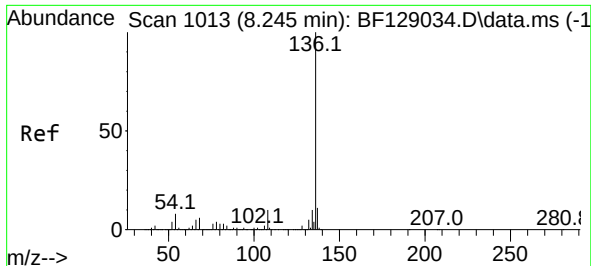
Tgt Ion: 99 Resp: 3701840
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 34.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.721 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

Tgt Ion: 70 Resp: 303385
Ion Ratio Lower Upper
70 100
42 43.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.5 16.1 24.1#

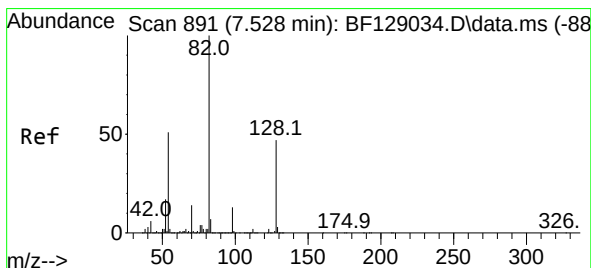
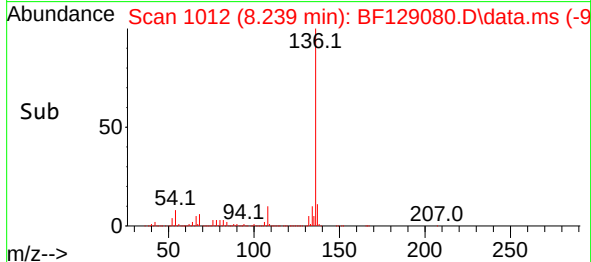
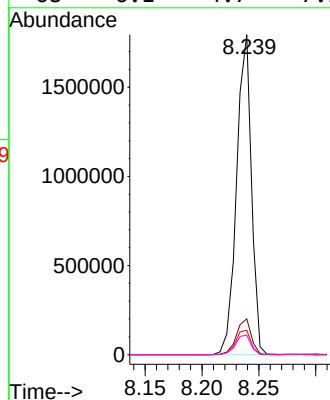
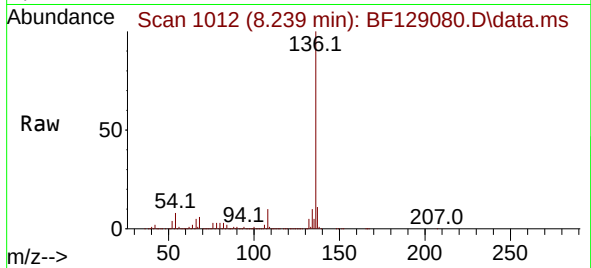




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

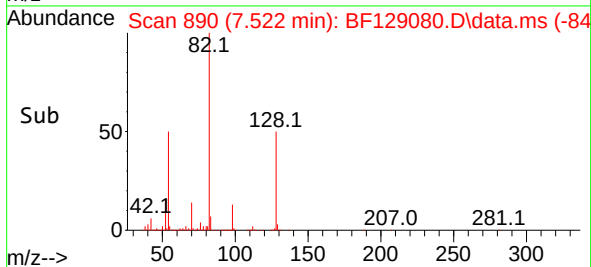
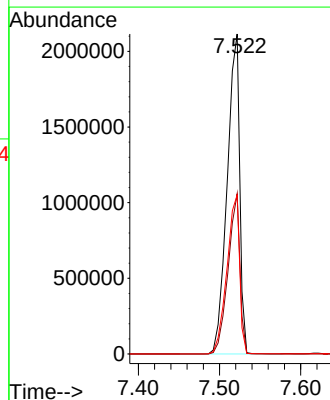
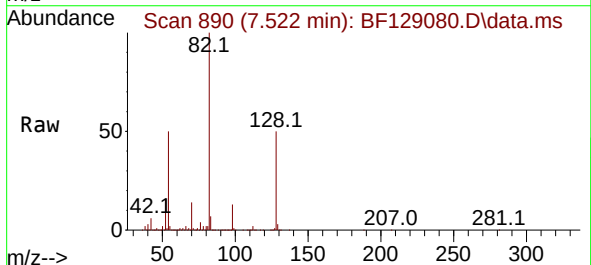
Instrument :
BNA_F
ClientSampleId :
D-42-UC

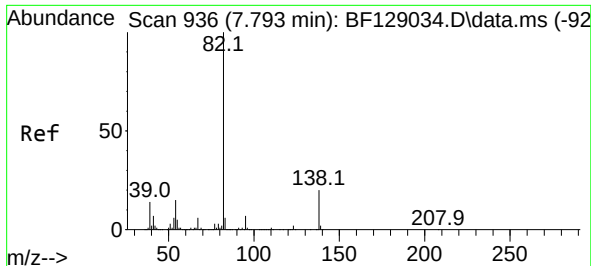
Tgt Ion:136 Resp: 1626131
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 7.5 11.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 83.371 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

Tgt Ion: 82 Resp: 2272934
Ion Ratio Lower Upper
82 100
128 50.0 34.0 51.0
54 49.7 46.9 70.3

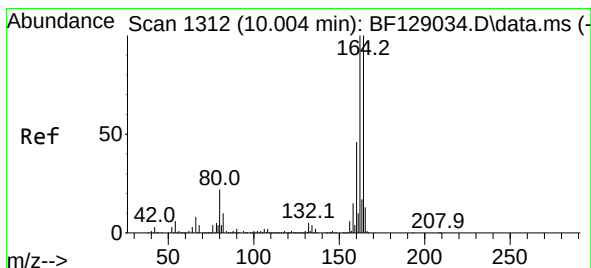
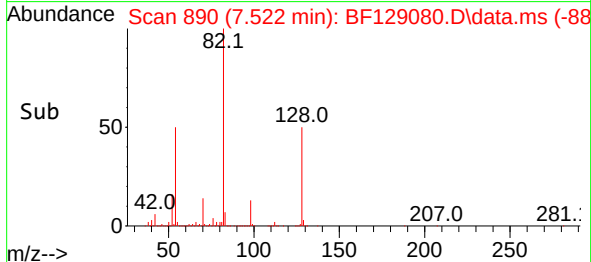
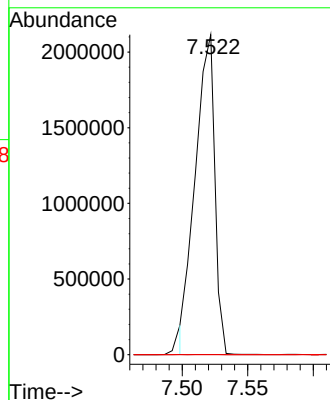
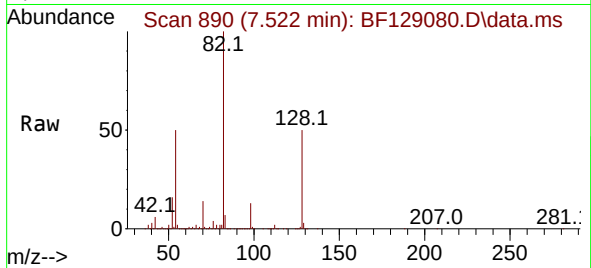




#25
Isophorone
Concen: 47.494 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

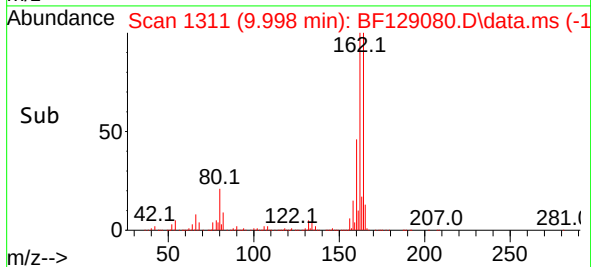
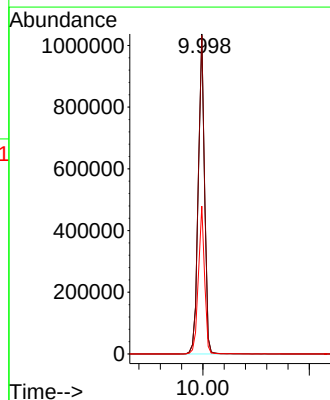
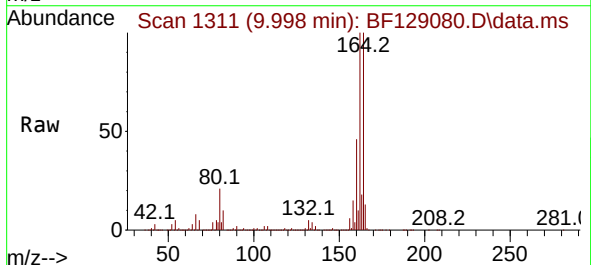
Instrument :
BNA_F
ClientSampleId :
D-42-UC

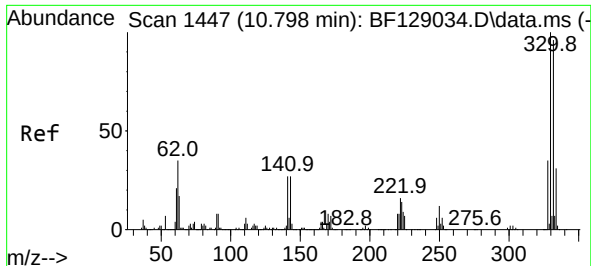
Tgt Ion: 82 Resp: 2188320
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

Tgt Ion:164 Resp: 842998
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 46.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 121.150 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF129080.D

Acq: 01 Jul 2022 01:59

Instrument :

BNA_F

ClientSampleId :

D-42-UC

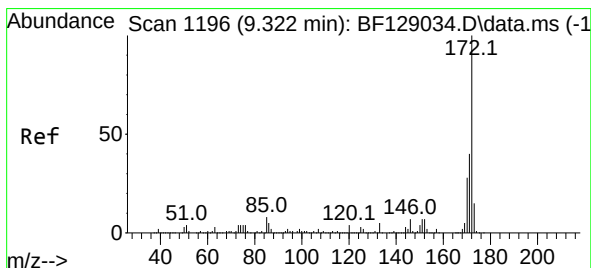
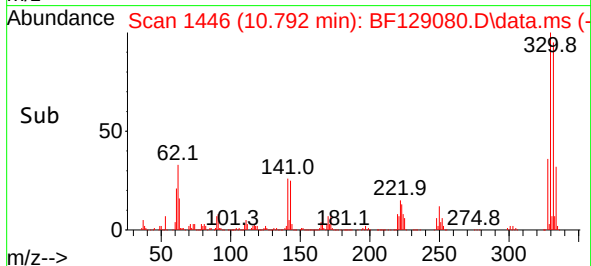
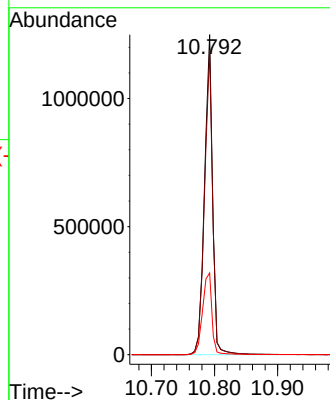
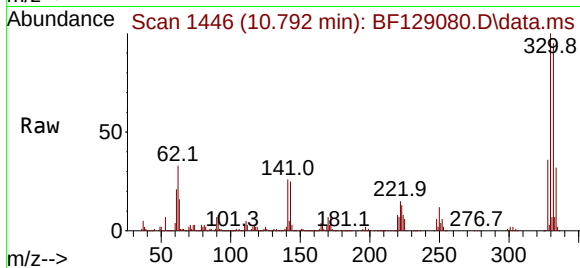
Tgt Ion:330 Resp: 1110504

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 29.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 71.184 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129080.D

Acq: 01 Jul 2022 01:59

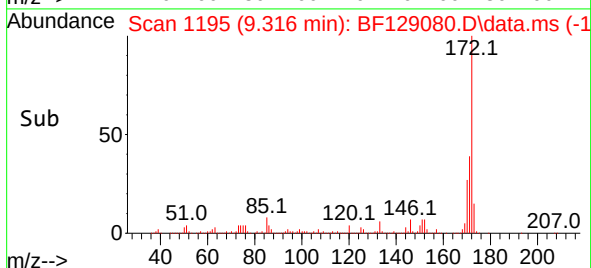
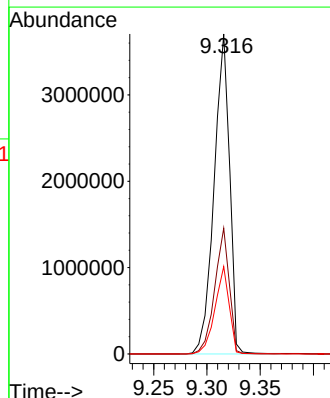
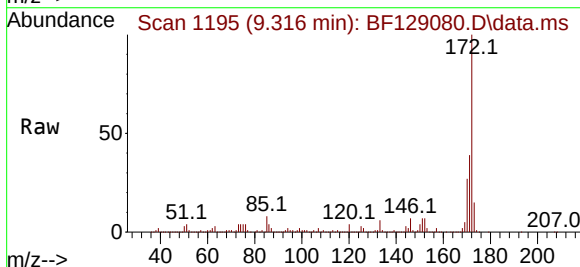
Tgt Ion:172 Resp: 3751008

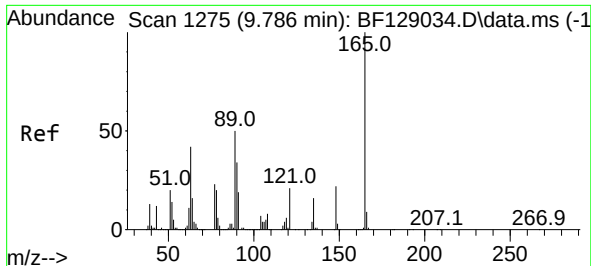
Ion Ratio Lower Upper

172 100

171 39.3 28.8 43.2

170 27.3 19.8 29.8

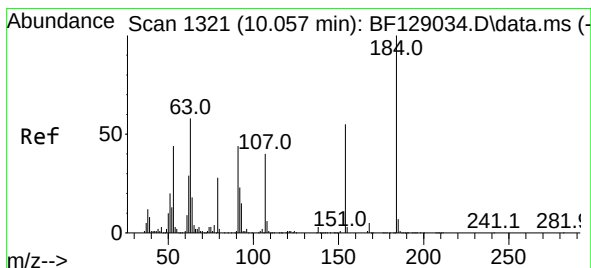
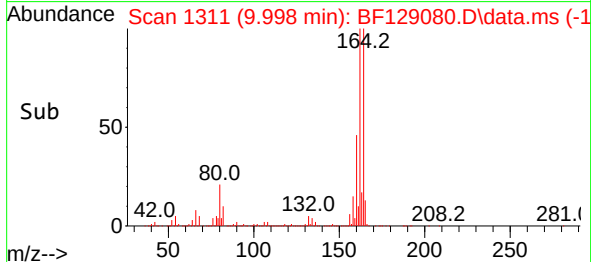
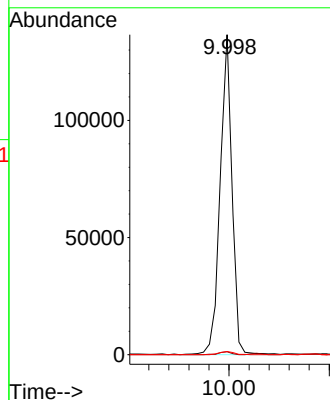
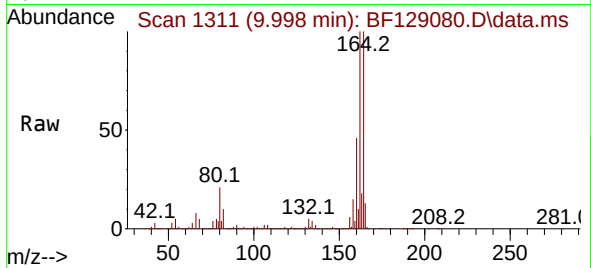




#51
2,6-Dinitrotoluene
Concen: 10.412 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

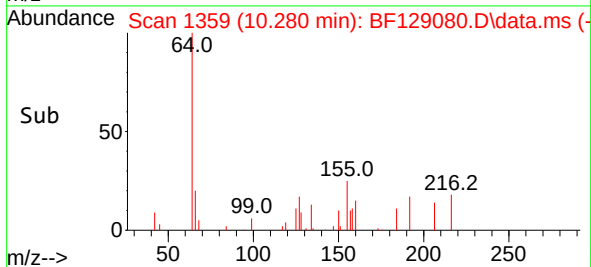
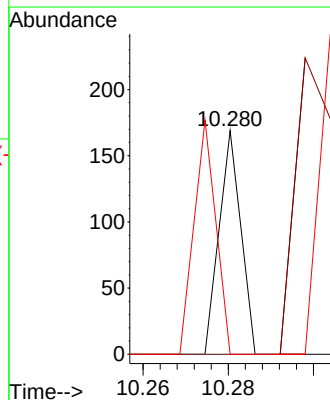
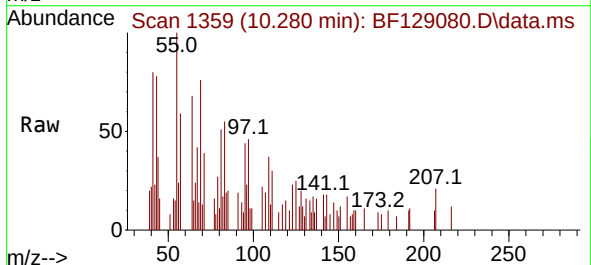
Instrument :
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D-42-UC

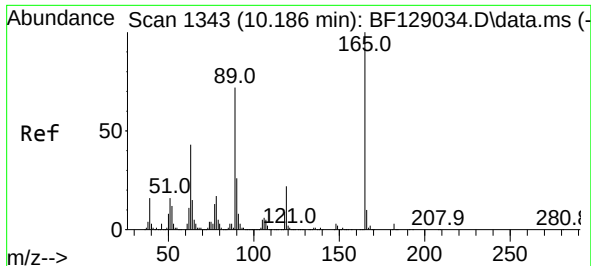
Tgt Ion:165 Resp: 112203
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.0 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 6.876 ng
RT: 10.280 min Scan# 1359
Delta R.T. 0.223 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 0.0 64.5 96.7#
154 0.0 50.6 75.8#

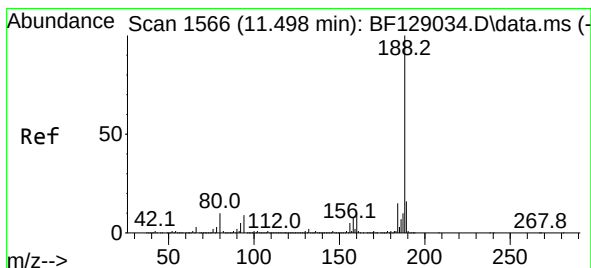
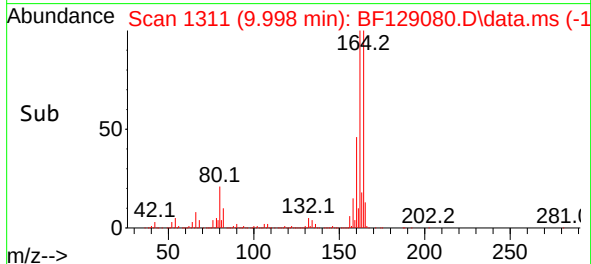
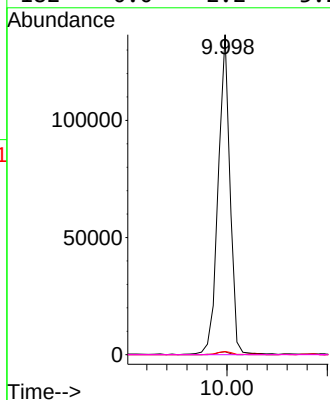
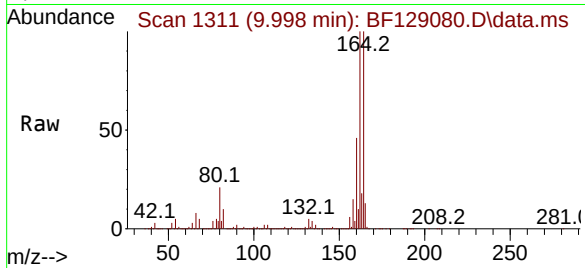




#57
2,4-Dinitrotoluene
Concen: 8.434 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

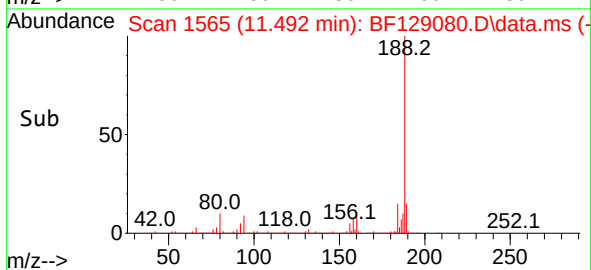
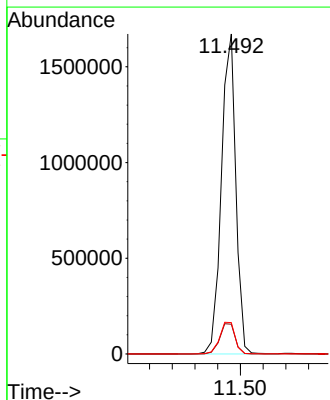
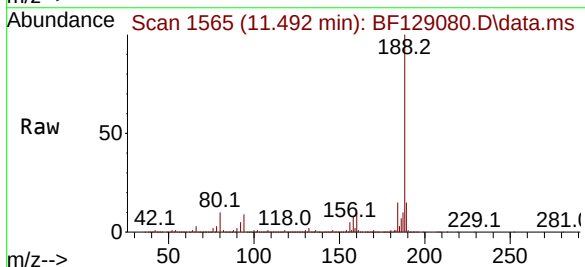
Instrument :
BNA_F
ClientSampleId :
D-42-UC

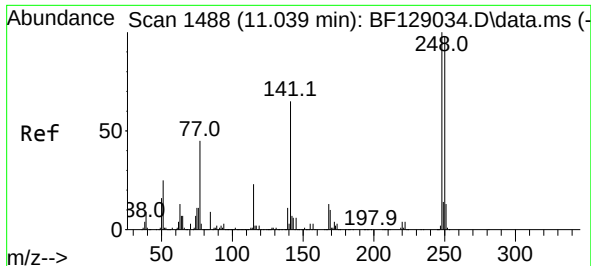
Tgt Ion:165 Resp: 112203
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

Tgt Ion:188 Resp: 1476512
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.8 7.6 11.4

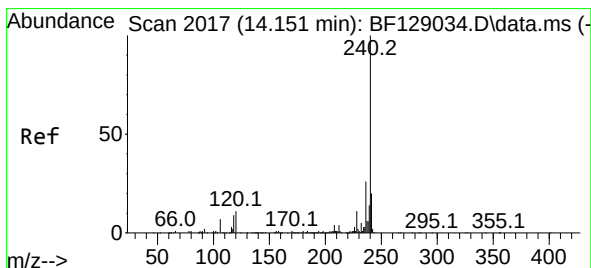
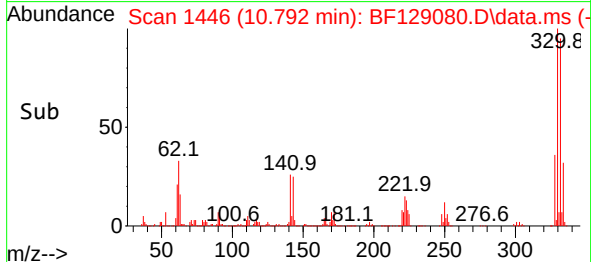
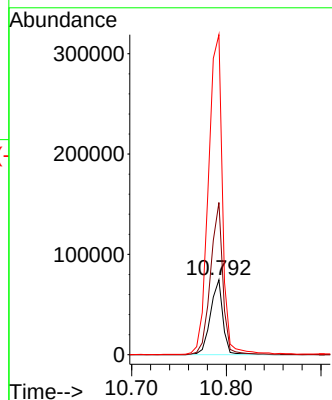
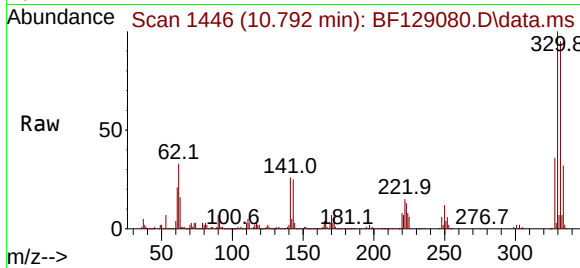




#67
4-Bromophenyl-phenylether
Concen: 4.329 ng
RT: 10.792 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

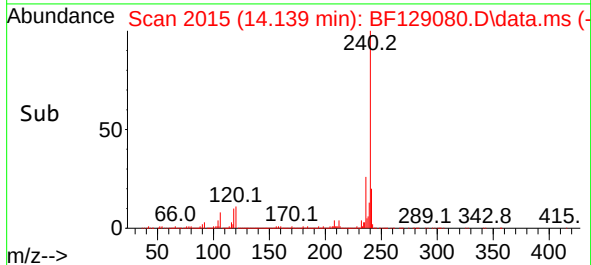
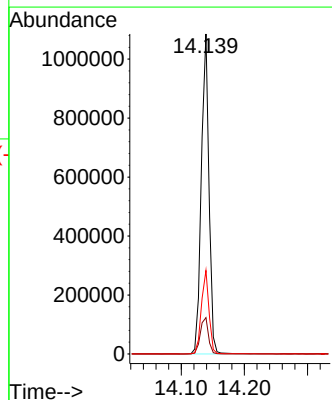
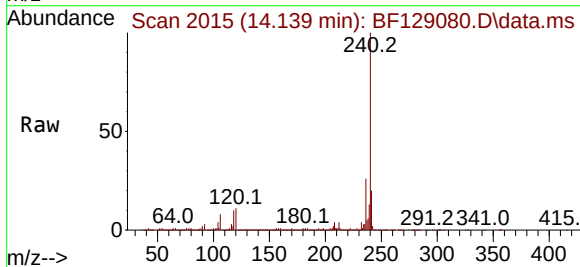
Instrument :
BNA_F
ClientSampleId :
D-42-UC

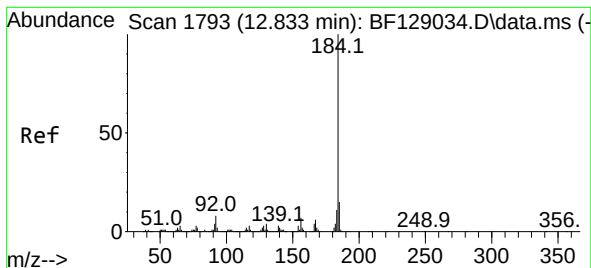
Tgt Ion:248 Resp: 67998
Ion Ratio Lower Upper
248 100
250 203.1 80.6 120.8#
141 427.0 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129080.D
Acq: 01 Jul 2022 01:59

Tgt Ion:240 Resp: 909029
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.1 20.8 31.2





#77

Benzidine

Concen: 3.174 ng

RT: 13.080 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF129080.D

Acq: 01 Jul 2022 01:59

Instrument :

BNA_F

ClientSampleId :

D-42-UC

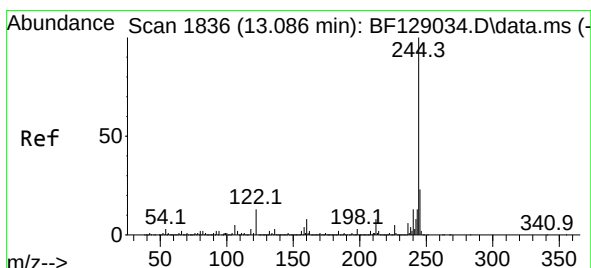
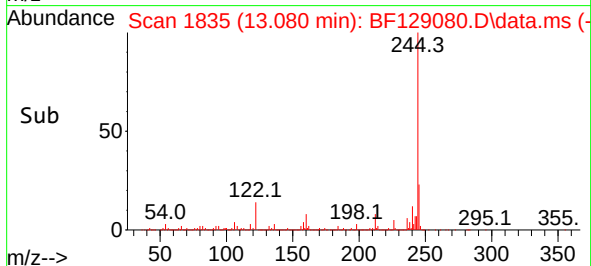
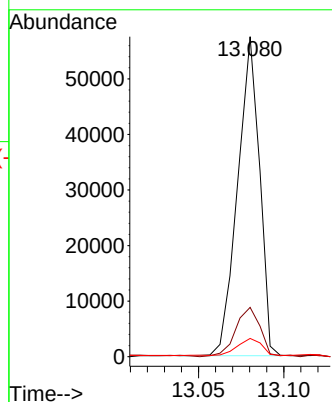
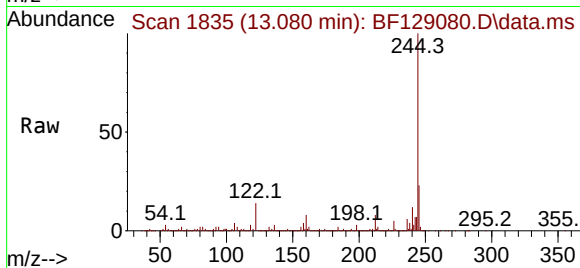
Tgt Ion:184 Resp: 51374

Ion Ratio Lower Upper

184 100

185 15.4 11.9 17.9

183 5.7 9.3 13.9#



#79

Terphenyl-d14

Concen: 81.358 ng

RT: 13.080 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF129080.D

Acq: 01 Jul 2022 01:59

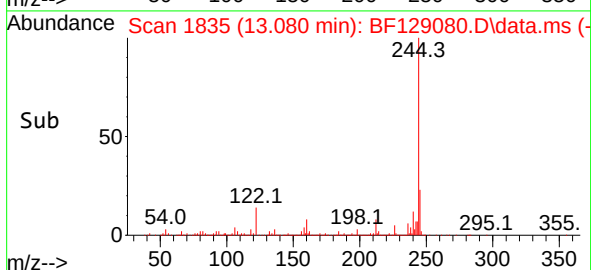
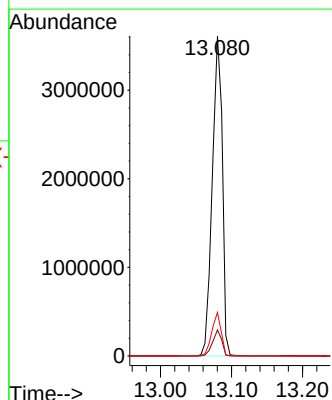
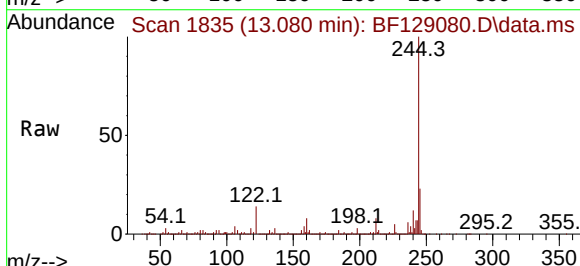
Tgt Ion:244 Resp: 3561368

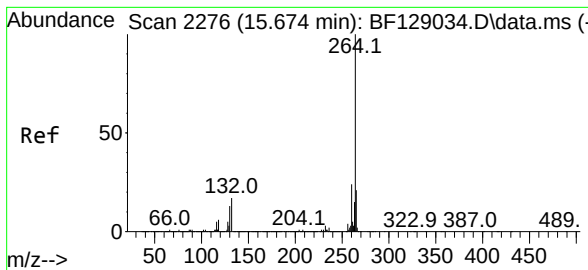
Ion Ratio Lower Upper

244 100

212 8.1 6.1 9.1

122 13.6 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129080.D
 Acq: 01 Jul 2022 01:59

Instrument :
 BNA_F
 ClientSampleId :
 D-42-UC

Tgt Ion:264 Resp: 806377

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	21.5	17.2	25.8

