

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129102.D
 Acq On : 01 Jul 2022 20:27
 Operator : CG\JU
 Sample : N3562-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D62922

Quant Time: Jul 02 01:26:54 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)

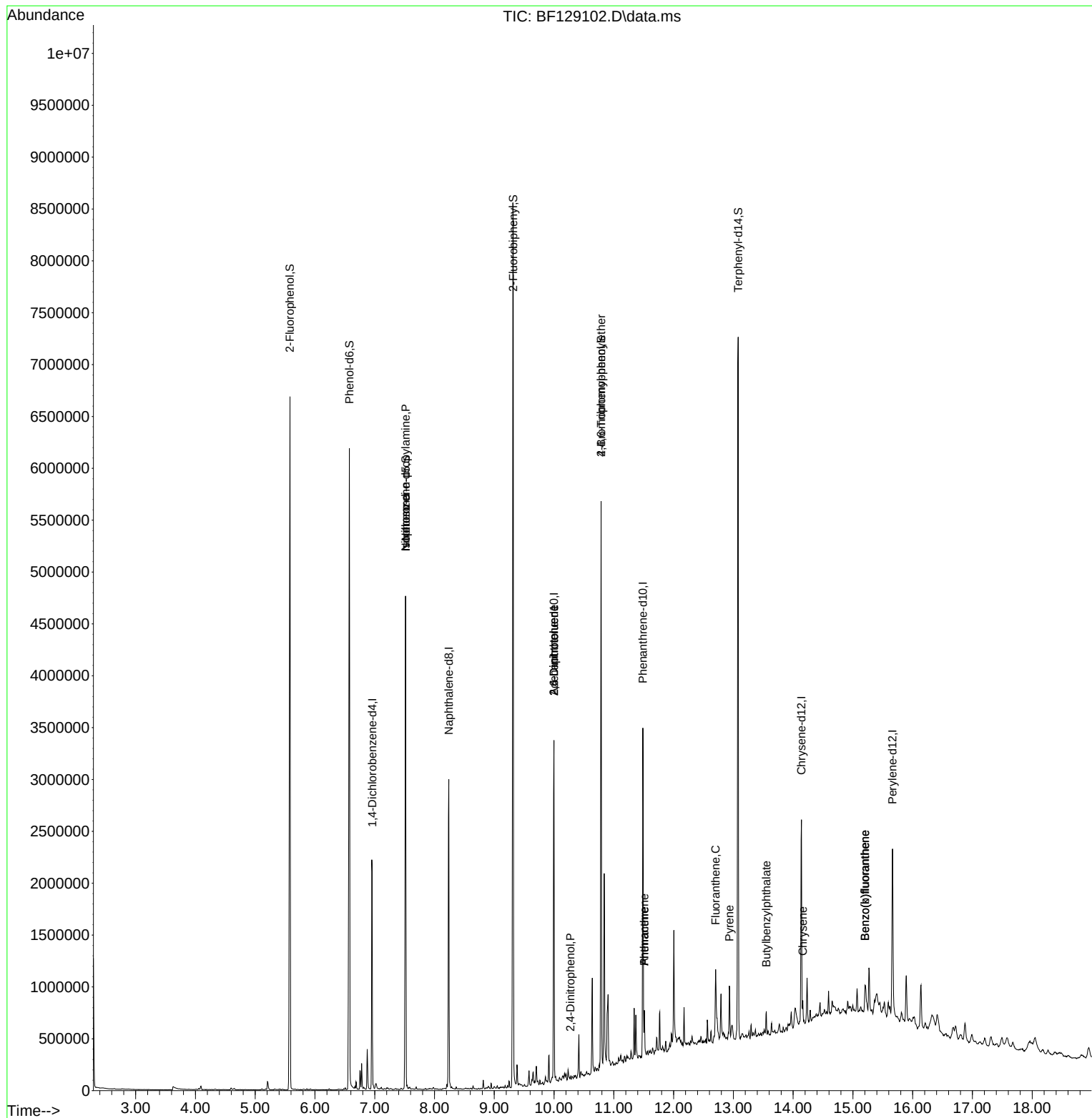
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	343319	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1313521	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	682155	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	1106601	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	666560	20.000	ng	-0.01
86) Perylene-d12	15.663	264	709137	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1873514	92.259	ng	0.00
7) Phenol-d6	6.575	99	2346879	93.053	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1471003	66.798	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	653744	88.136	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2839716	66.597	ng	0.00
79) Terphenyl-d14	13.080	244	2468483	76.904	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	1226	Below Cal	#	27
19) n-Nitroso-di-n-propyla...	7.516	70	193676	13.275	ng	# 71
25) Isophorone	7.516	82	1426531	38.329	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	89198	10.229	ng	# 25
54) 2,4-Dinitrophenol	10.275	184	71	6.880	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	89198	8.285	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	41050	3.487	ng	# 1
71) Phenanthrene	11.510	178	140018	2.648	ng	97
72) Anthracene	11.510	178	140018	2.686	ng	98
75) Fluoranthene	12.704	202	193582	3.501	ng	100
78) Pyrene	12.933	202	172104	3.725	ng	97
80) Butylbenzylphthalate	13.551	149	49725	2.642	ng	93
83) Chrysene	14.163	228	87090	2.305	ng	95
88) Benzo(b)fluoranthene	15.204	252	150098	3.520	ng	# 92
89) Benzo(k)fluoranthene	15.204	252	150098	3.629	ng	# 92

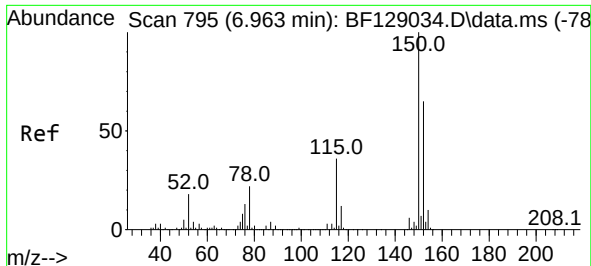
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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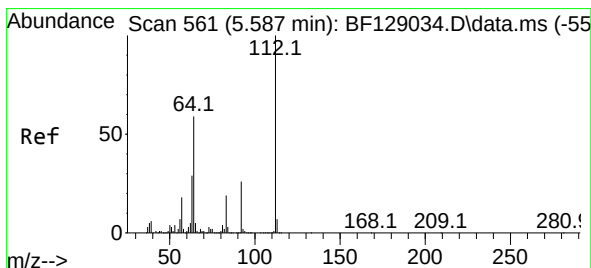
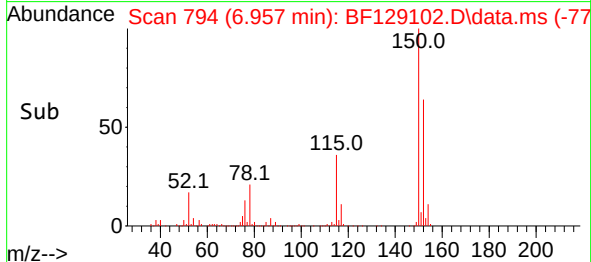
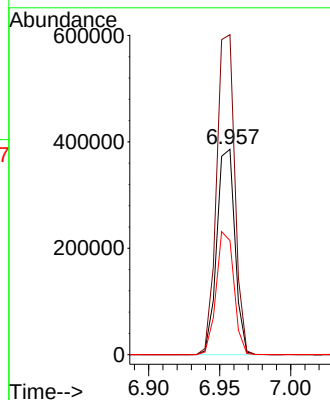
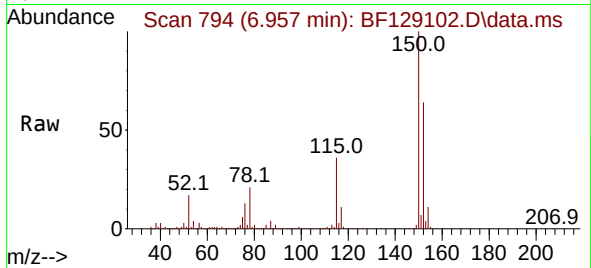




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

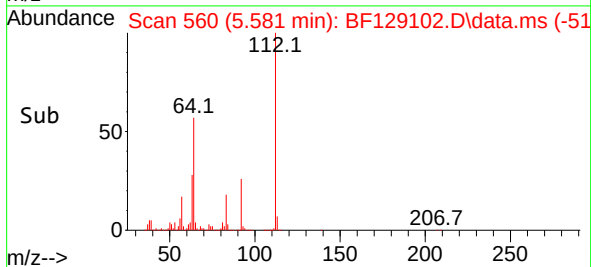
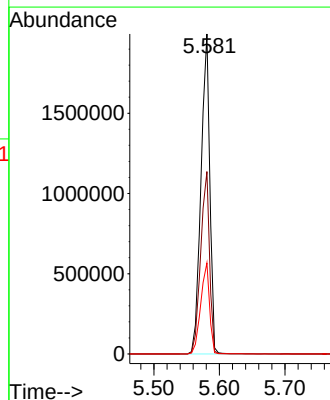
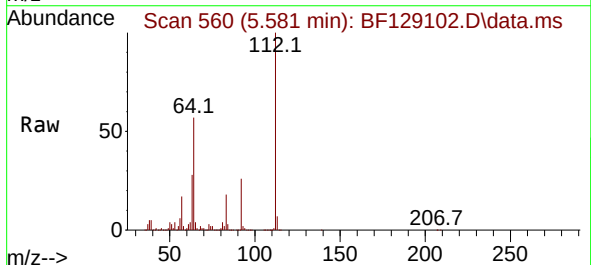
Instrument :
BNA_F
ClientSampleId :
D62922

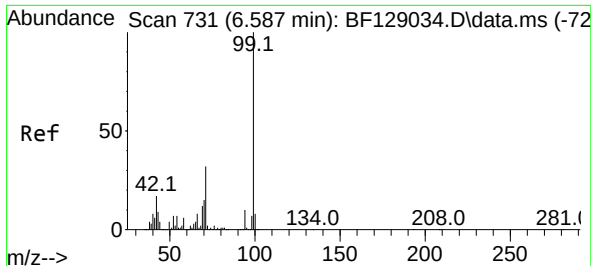
Tgt Ion:152 Resp: 343319
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 55.5 49.9 74.9



#5
2-Fluorophenol
Concen: 92.259 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Tgt Ion:112 Resp: 1873514
Ion Ratio Lower Upper
112 100
64 57.0 53.3 79.9
63 28.5 28.0 42.0





#7
Phenol-d6
Concen: 93.053 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

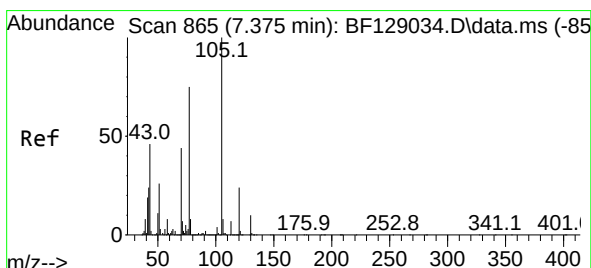
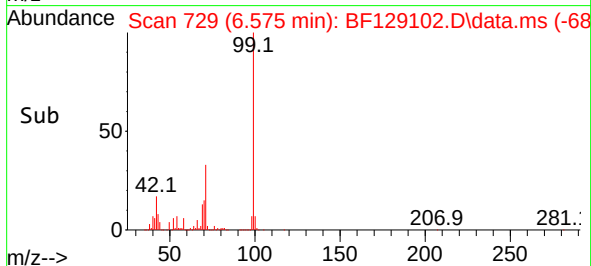
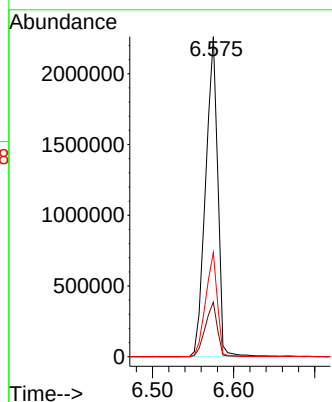
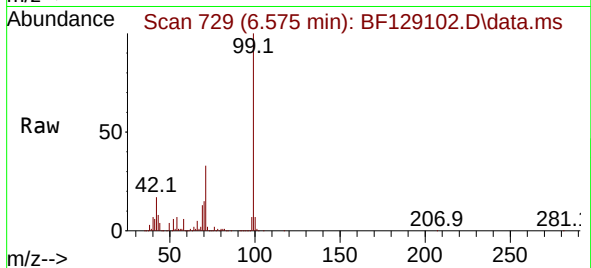
Instrument :

BNA_F

ClientSampleId :

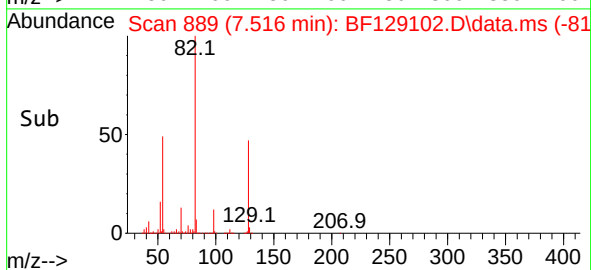
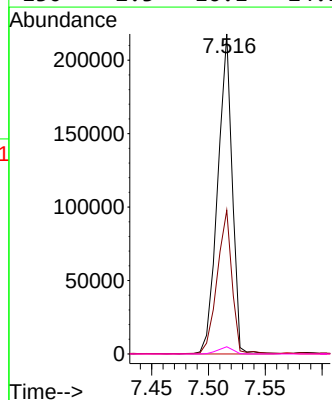
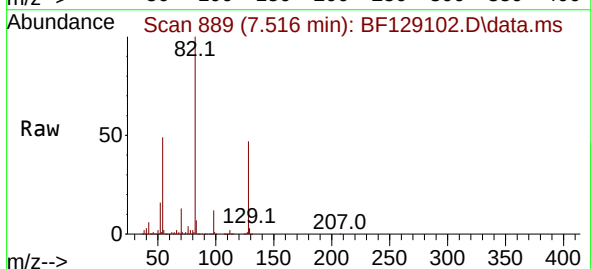
D62922

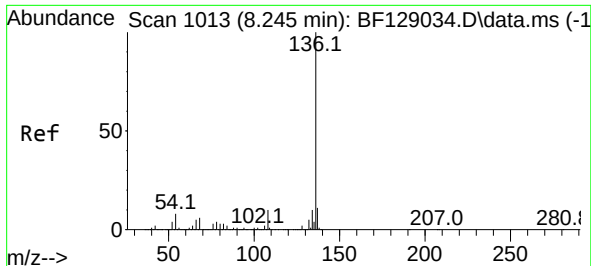
Tgt Ion: 99 Resp: 2346879
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9#
71 32.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.275 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Tgt Ion: 70 Resp: 193676
Ion Ratio Lower Upper
70 100
42 44.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

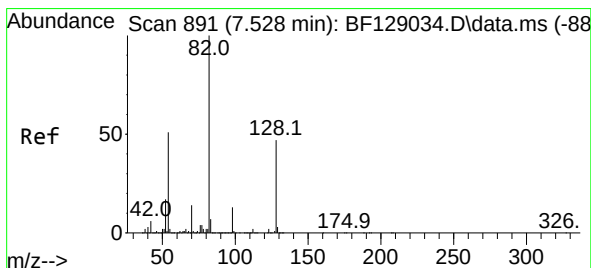
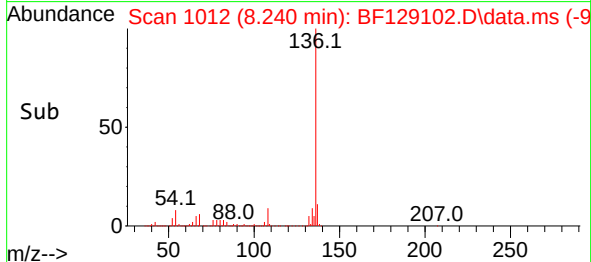
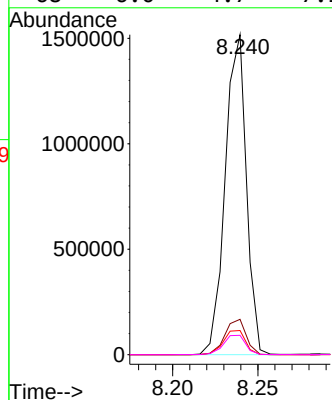
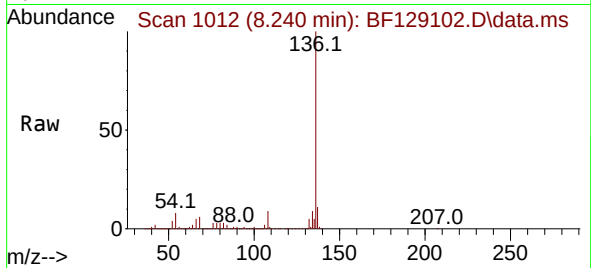




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

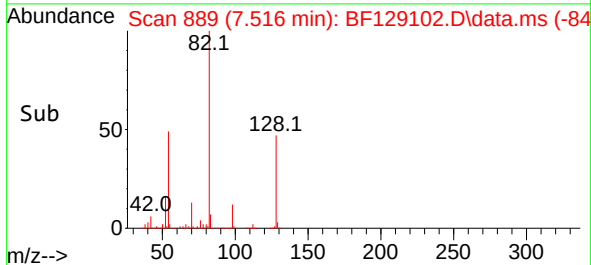
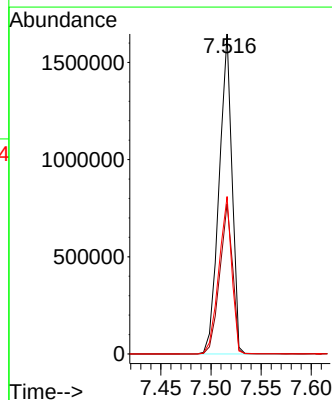
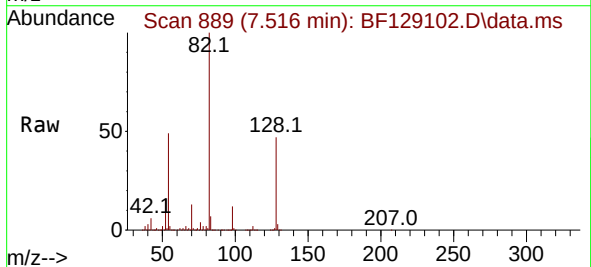
Instrument :
BNA_F
ClientSampleId :
D62922

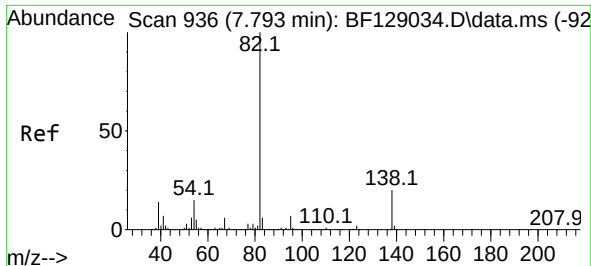
Tgt Ion:136 Resp: 1313521
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 7.5 11.3
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 66.798 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Tgt Ion: 82 Resp: 1471003
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 49.2 46.9 70.3

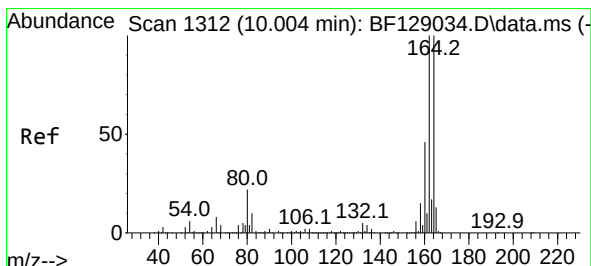
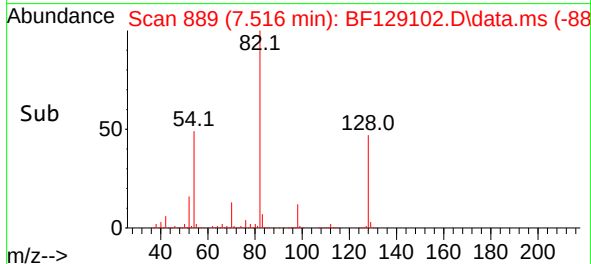
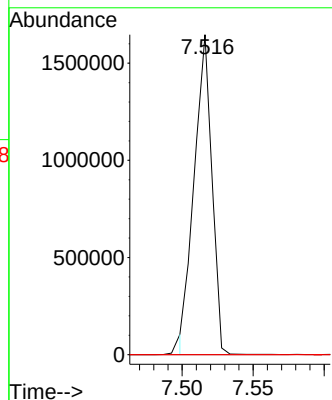
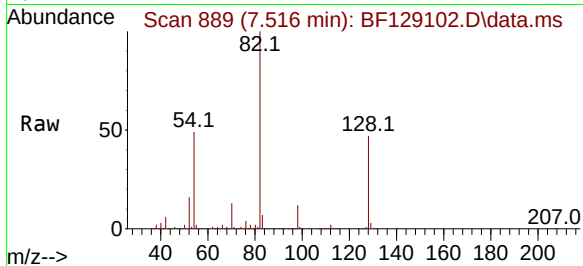




#25
Isophorone
Concen: 38.329 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

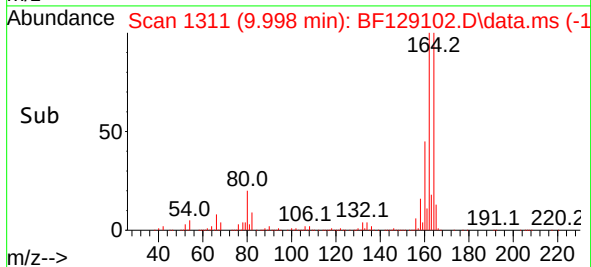
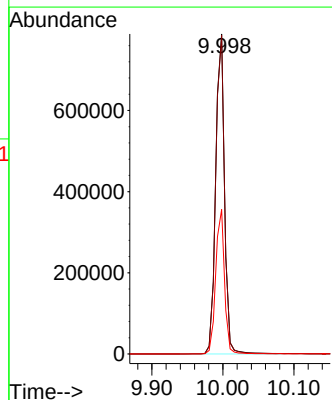
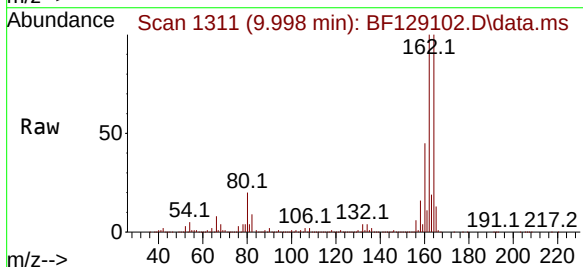
Instrument :
BNA_F
ClientSampleId :
D62922

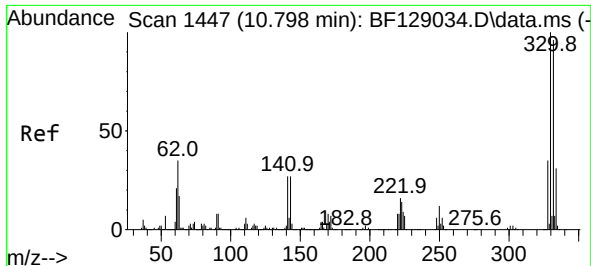
Tgt Ion: 82 Resp: 1426531
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Tgt Ion:164 Resp: 682155
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.1 34.2 51.4

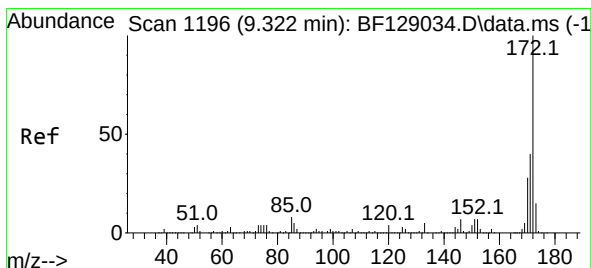
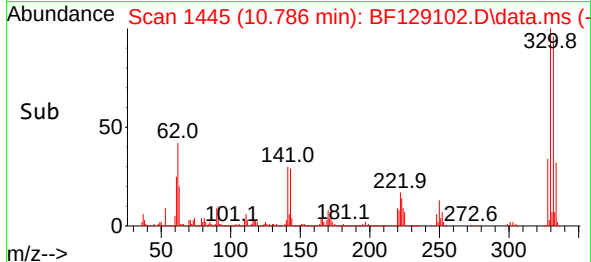
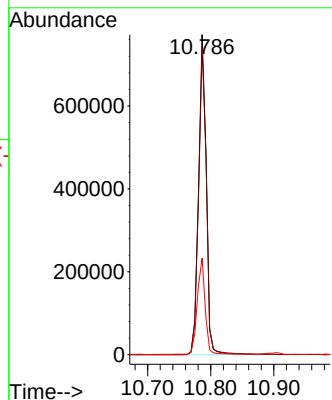
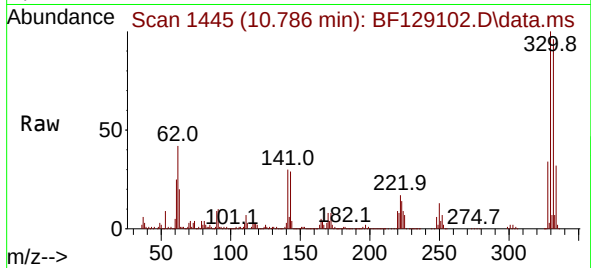




#42
2,4,6-Tribromophenol
Concen: 88.136 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

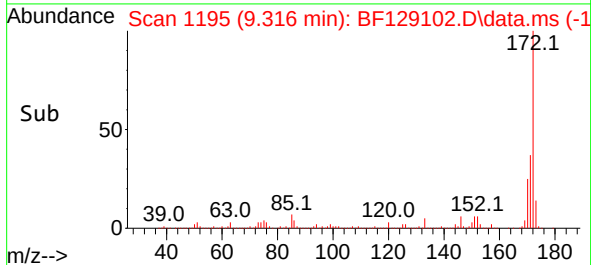
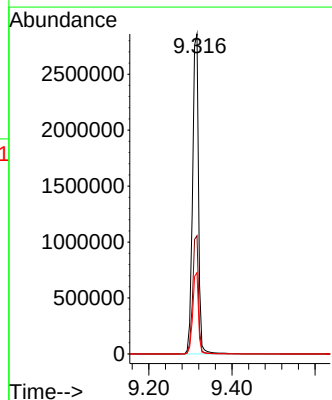
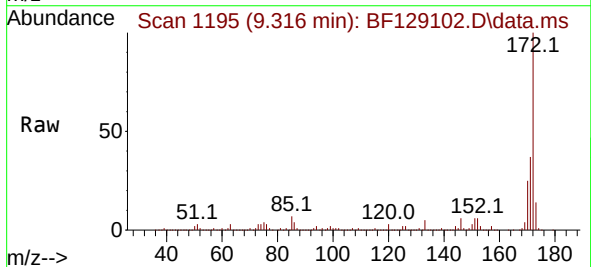
Instrument :
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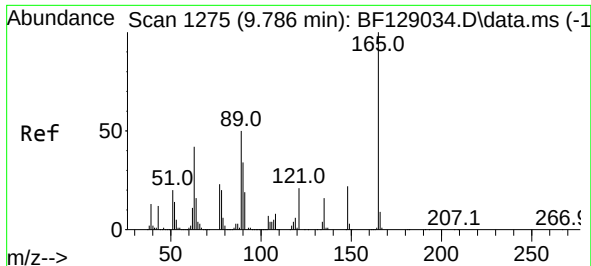
Tgt Ion:330 Resp: 653744
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 30.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 66.597 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Tgt Ion:172 Resp: 2839716
Ion Ratio Lower Upper
172 100
171 37.0 28.8 43.2
170 25.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.229 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF129102.D

Acq: 01 Jul 2022 20:27

Instrument :

BNA_F

ClientSampleId :

D62922

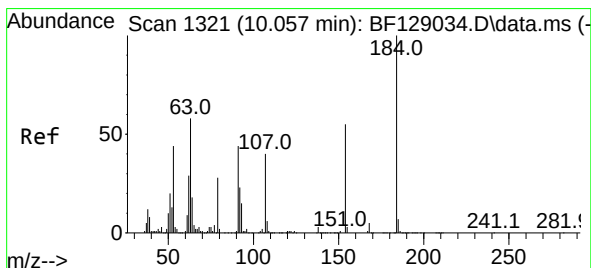
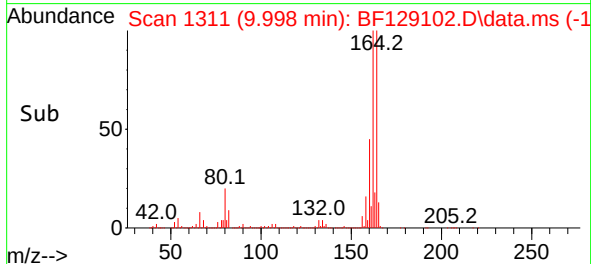
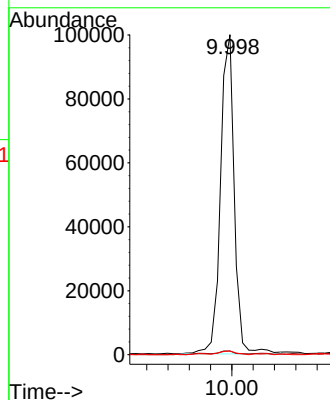
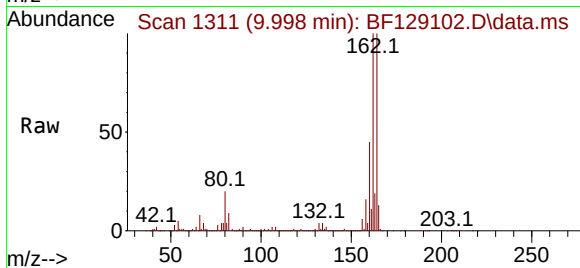
Tgt Ion:165 Resp: 89198

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.2 43.6 65.4#



#54

2,4-Dinitrophenol

Concen: 6.880 ng

RT: 10.275 min Scan# 1358

Delta R.T. 0.218 min

Lab File: BF129102.D

Acq: 01 Jul 2022 20:27

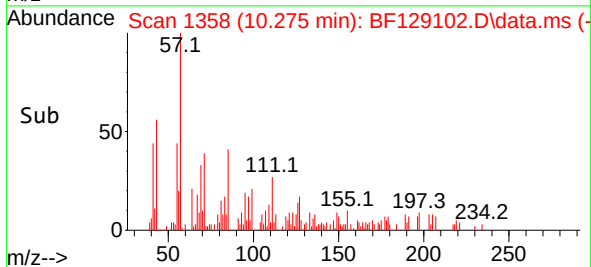
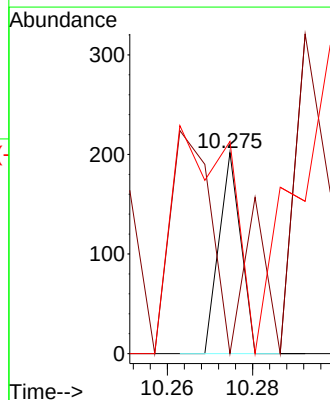
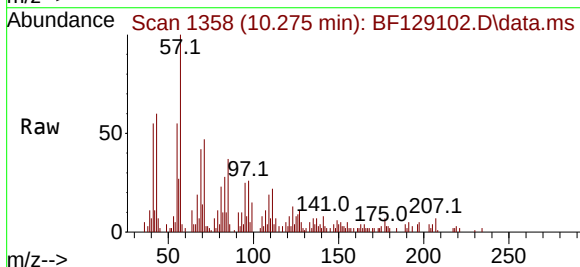
Tgt Ion:184 Resp: 71

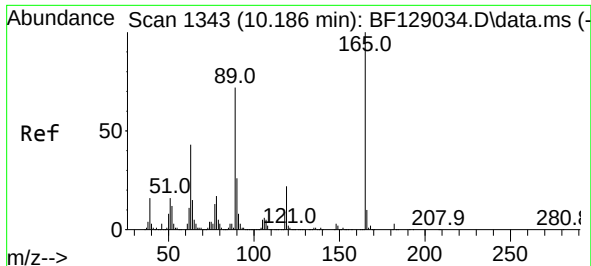
Ion Ratio Lower Upper

184 100

63 0.0 64.5 96.7#

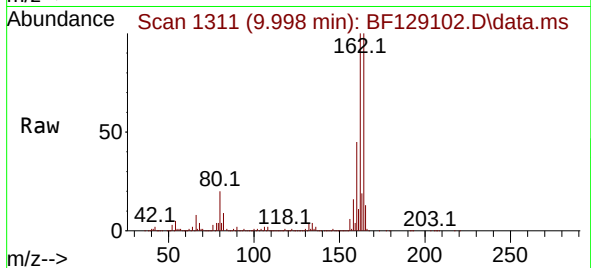
154 105.4 50.6 75.8#



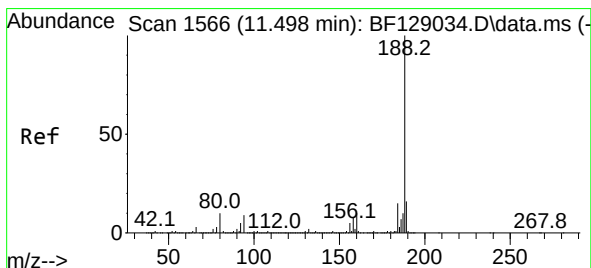
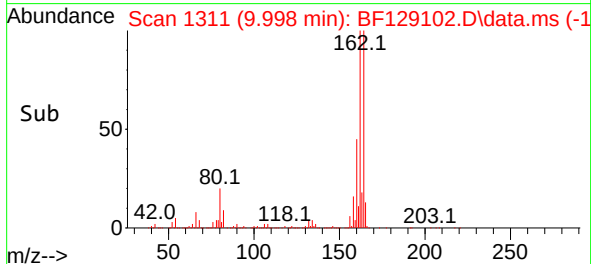
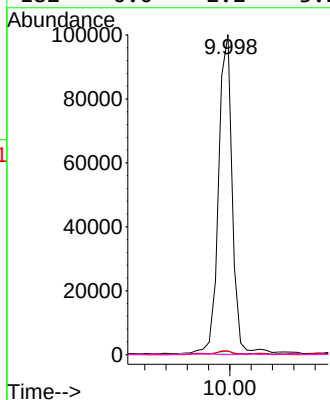


#57
2,4-Dinitrotoluene
Concen: 8.285 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Instrument :
BNA_F
ClientSampleId :
D62922

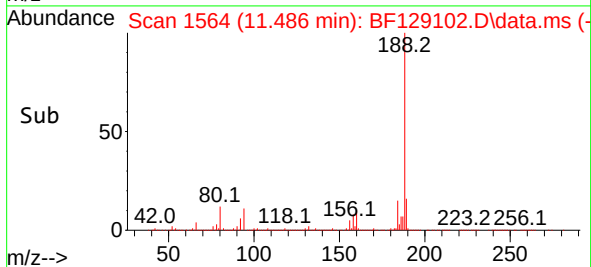
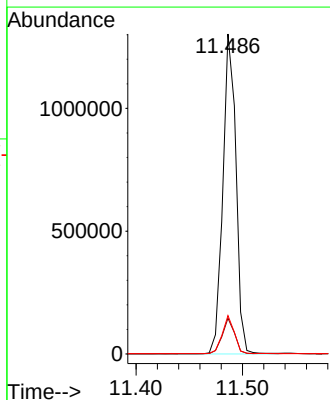
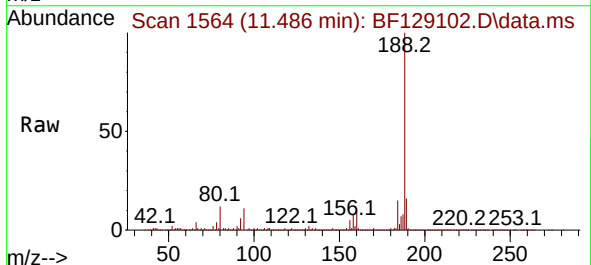


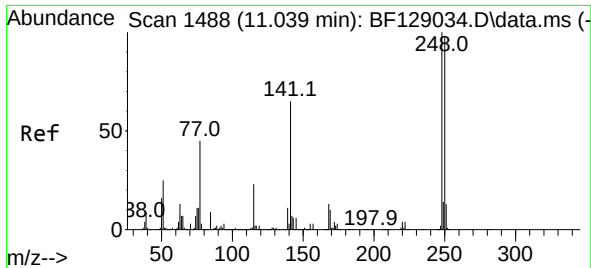
Tgt Ion:165 Resp: 89198
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Tgt Ion:188 Resp: 1106601
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6#
80 12.0 7.6 11.4#

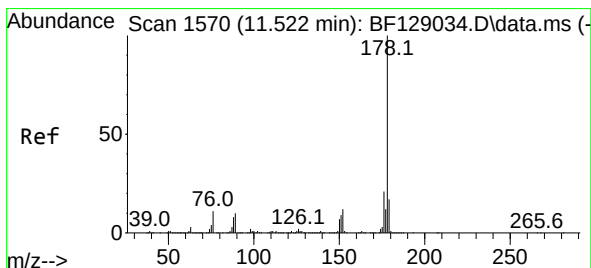
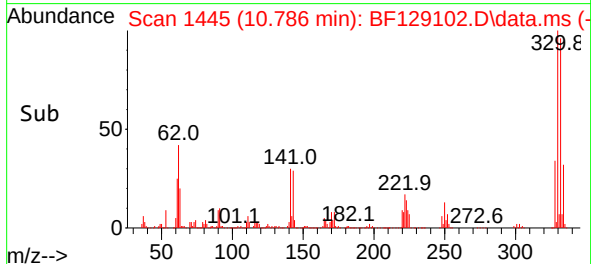
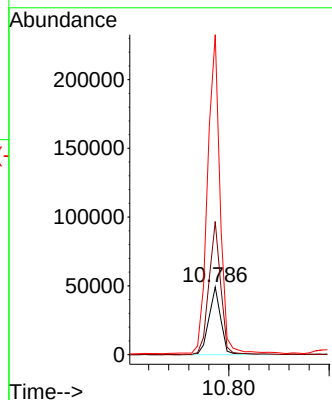
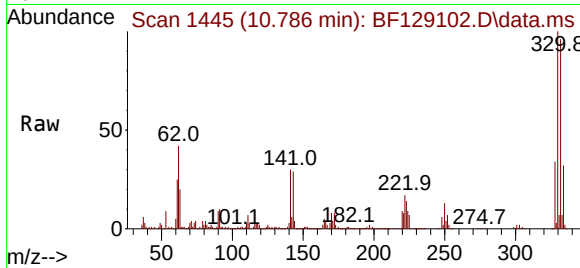




#67
4-Bromophenyl-phenylether
Concen: 3.487 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

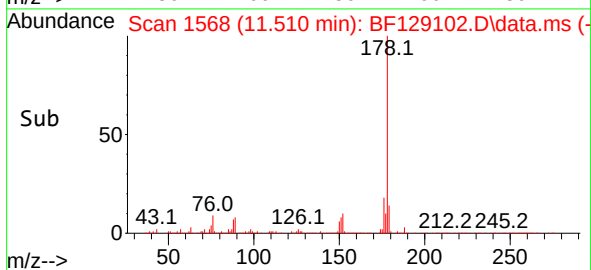
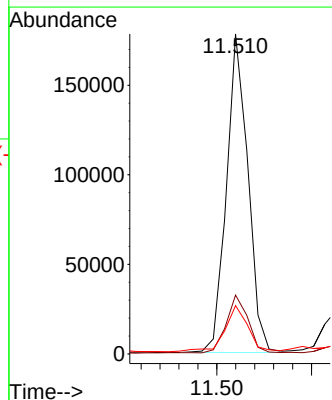
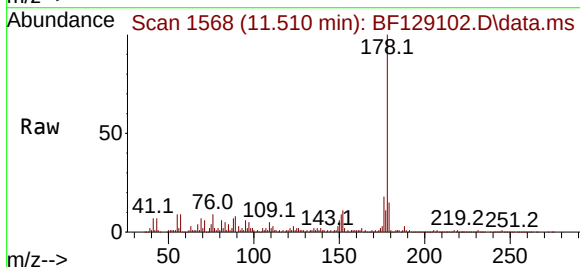
Instrument :
BNA_F
ClientSampleId :
D62922

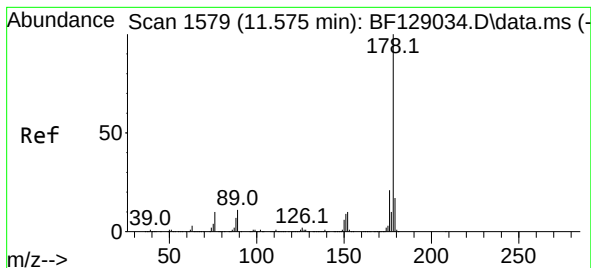
Tgt Ion:248 Resp: 41050
Ion Ratio Lower Upper
248 100
250 196.6 80.6 120.8#
141 472.4 58.9 88.3#



#71
Phenanthrene
Concen: 2.648 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Tgt Ion:178 Resp: 140018
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 15.1 12.6 19.0





#72

Anthracene

Concen: 2.686 ng

RT: 11.510 min Scan# 1568

Delta R.T. -0.065 min

Lab File: BF129102.D

Acq: 01 Jul 2022 20:27

Instrument :

BNA_F

ClientSampleId :

D62922

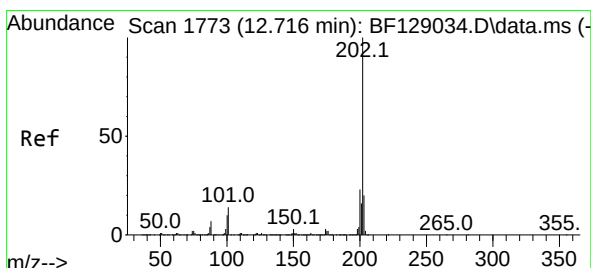
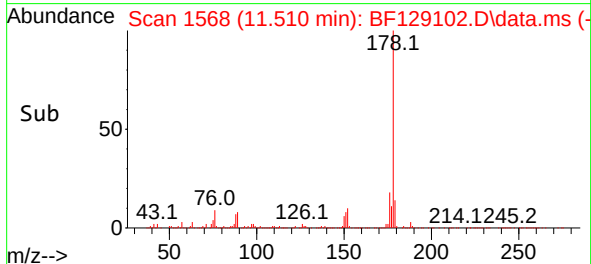
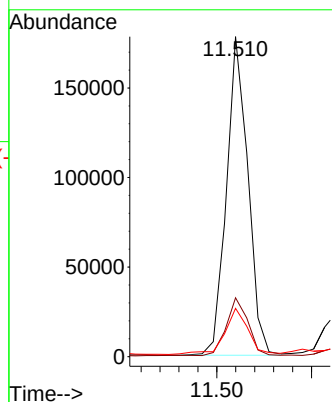
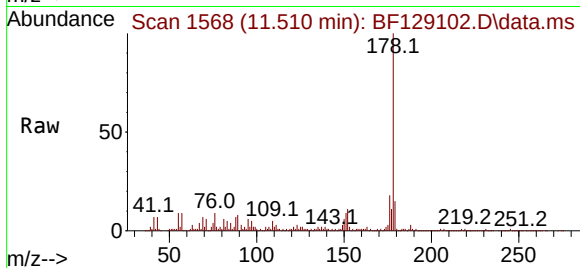
Tgt Ion:178 Resp: 140018

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

179 15.1 12.6 19.0



#75

Fluoranthene

Concen: 3.501 ng

RT: 12.704 min Scan# 1771

Delta R.T. -0.012 min

Lab File: BF129102.D

Acq: 01 Jul 2022 20:27

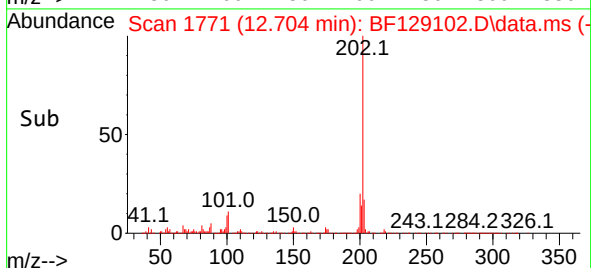
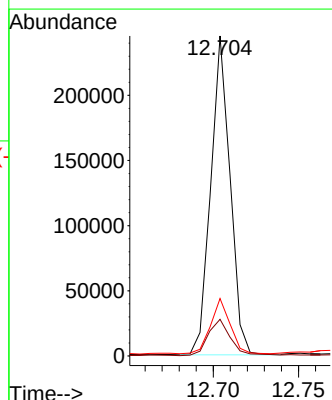
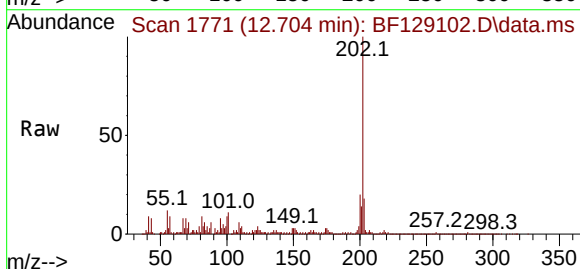
Tgt Ion:202 Resp: 193582

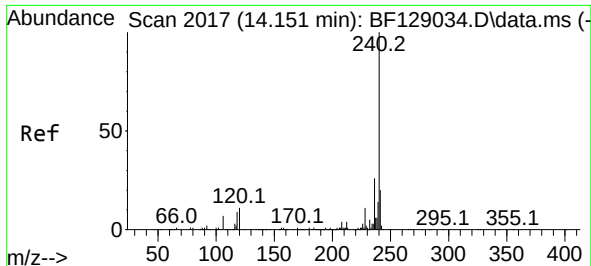
Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.4

203 18.0 0.0 38.0

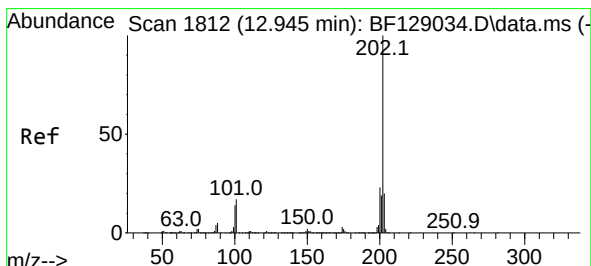
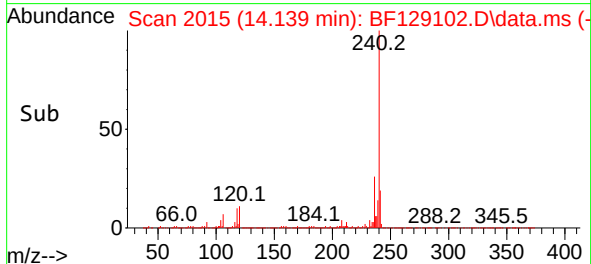
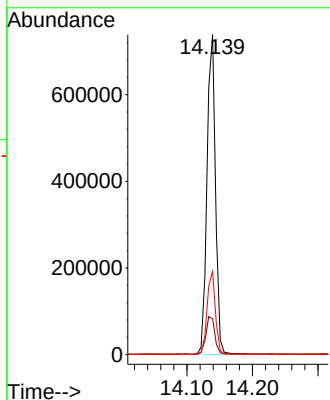
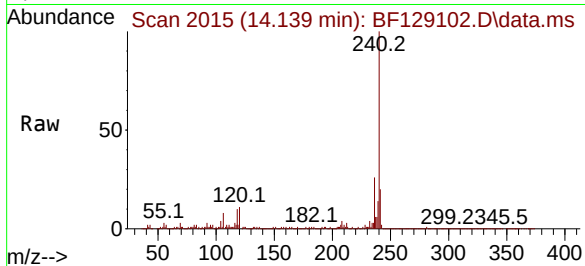




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

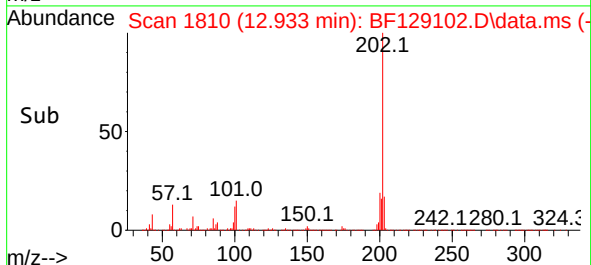
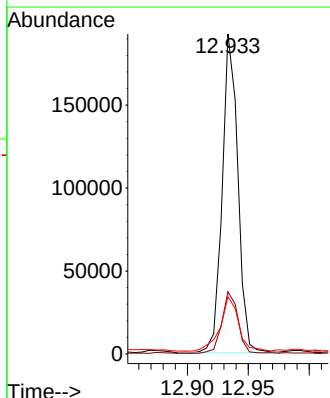
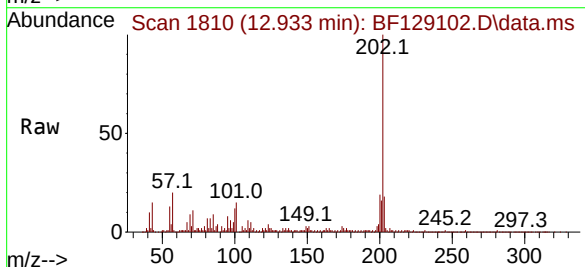
Instrument :
BNA_F
ClientSampleId :
D62922

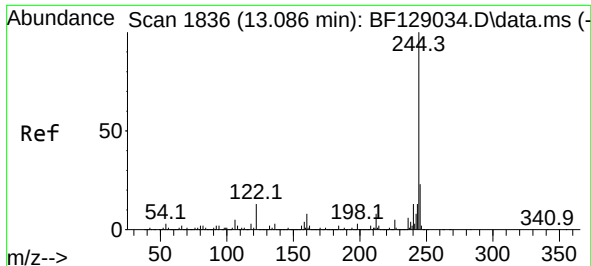
Tgt Ion:240 Resp: 666560
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.0 20.8 31.2



#78
Pyrene
Concen: 3.725 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Tgt Ion:202 Resp: 172104
Ion Ratio Lower Upper
202 100
200 19.5 17.7 26.5
203 17.9 14.6 21.8

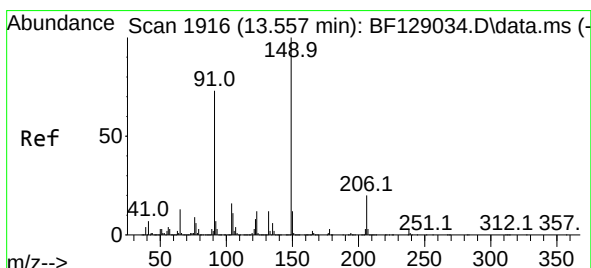
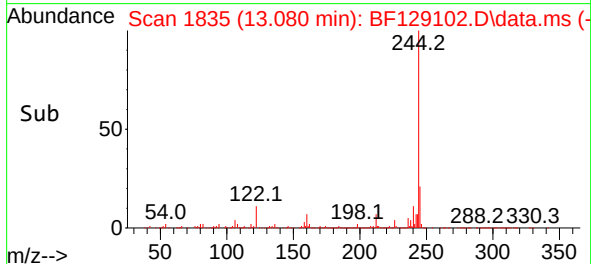
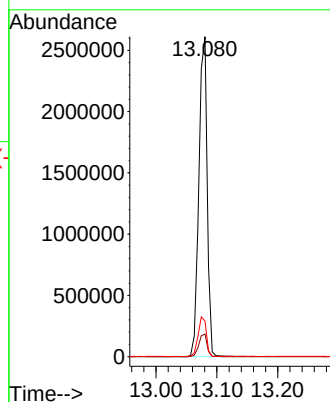
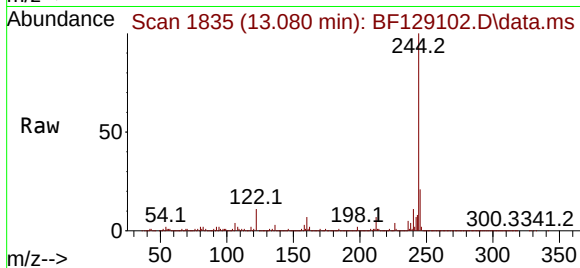




#79
 Terphenyl-d14
 Concen: 76.904 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129102.D
 Acq: 01 Jul 2022 20:27

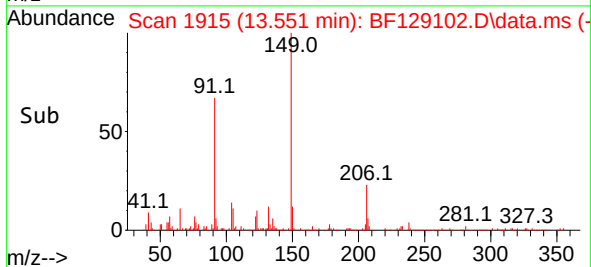
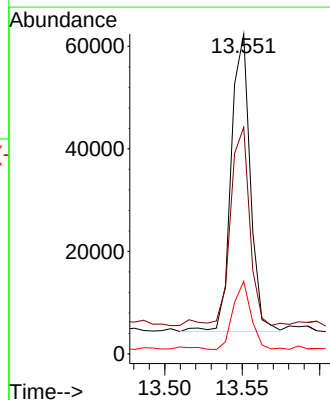
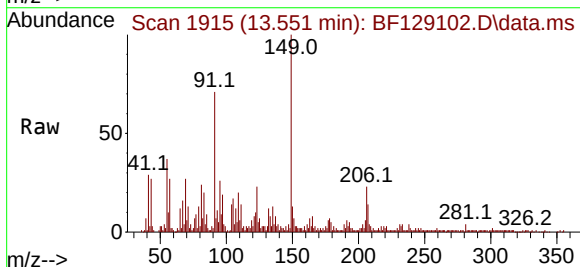
Instrument :
 BNA_F
 ClientSampleId :
 D62922

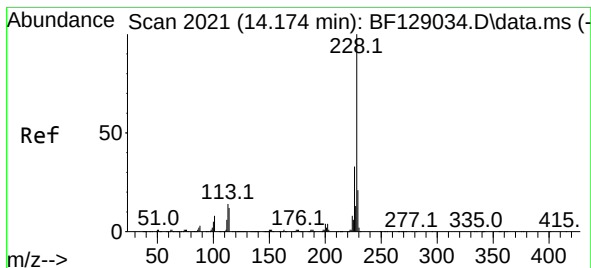
Tgt Ion:244 Resp: 2468483
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 2.642 ng
 RT: 13.551 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF129102.D
 Acq: 01 Jul 2022 20:27

Tgt Ion:149 Resp: 49725
 Ion Ratio Lower Upper
 149 100
 91 70.9 61.2 91.8
 206 22.7 15.7 23.5





#83

Chrysene

Concen: 2.305 ng

RT: 14.163 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF129102.D

Acq: 01 Jul 2022 20:27

Instrument :

BNA_F

ClientSampleId :

D62922

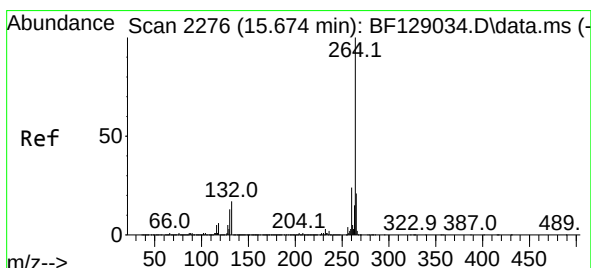
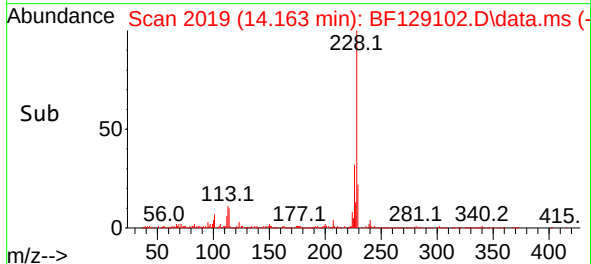
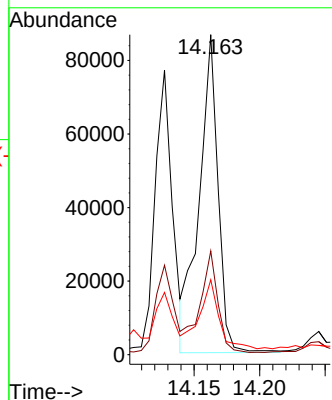
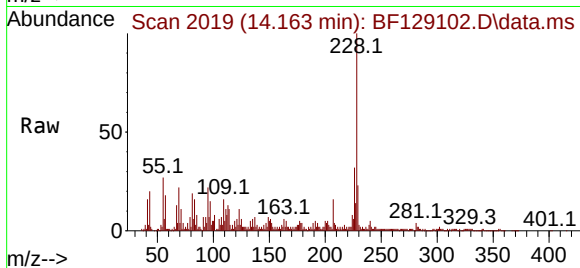
Tgt Ion:228 Resp: 87090

Ion Ratio Lower Upper

228 100

226 32.4 24.3 36.5

229 23.4 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.663 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF129102.D

Acq: 01 Jul 2022 20:27

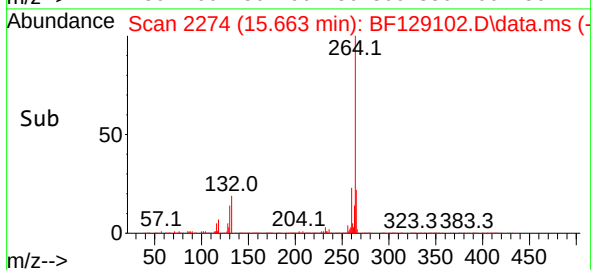
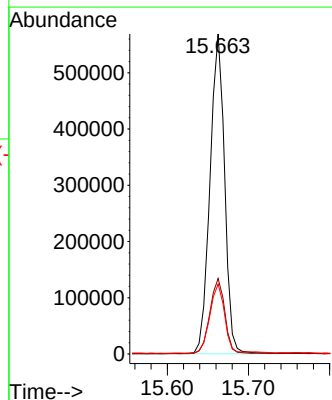
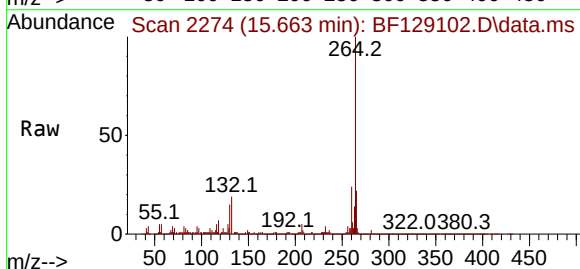
Tgt Ion:264 Resp: 709137

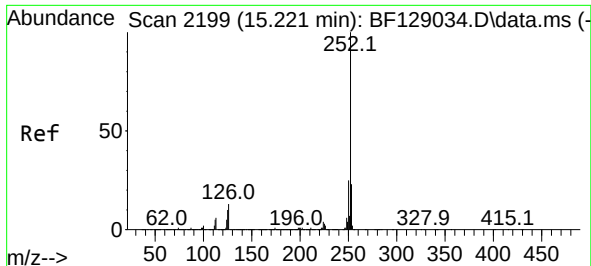
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.8 17.2 25.8

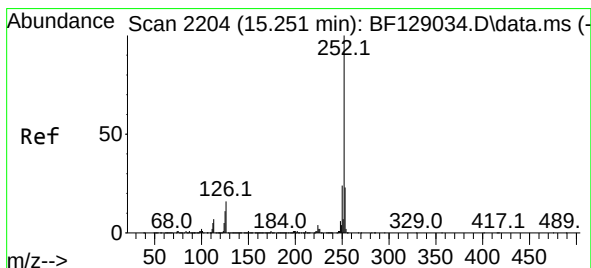
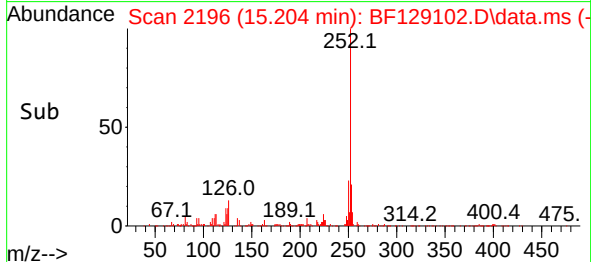
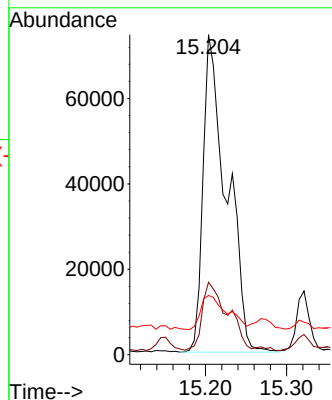
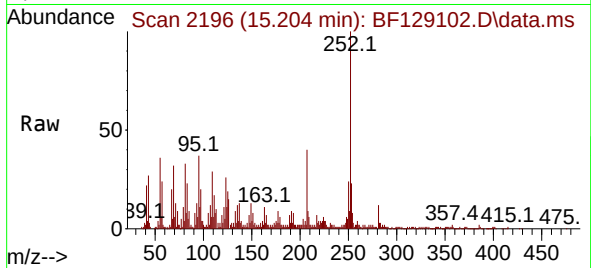




#88
Benzo(b)fluoranthene
Concen: 3.520 ng
RT: 15.204 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Instrument :
BNA_F
ClientSampleId :
D62922

Tgt Ion:252 Resp: 150098
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 18.5 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.629 ng
RT: 15.204 min Scan# 2196
Delta R.T. -0.047 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Tgt Ion:252 Resp: 150098
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 18.5 8.3 12.5#

