

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062722\
 Data File : BF129025.D
 Acq On : 27 Jun 2022 12:20
 Operator : CG\JU
 Sample : N3434-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2203-28

Quant Time: Jun 28 06:54:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 06:51:48 2022
 Response via : Initial Calibration

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

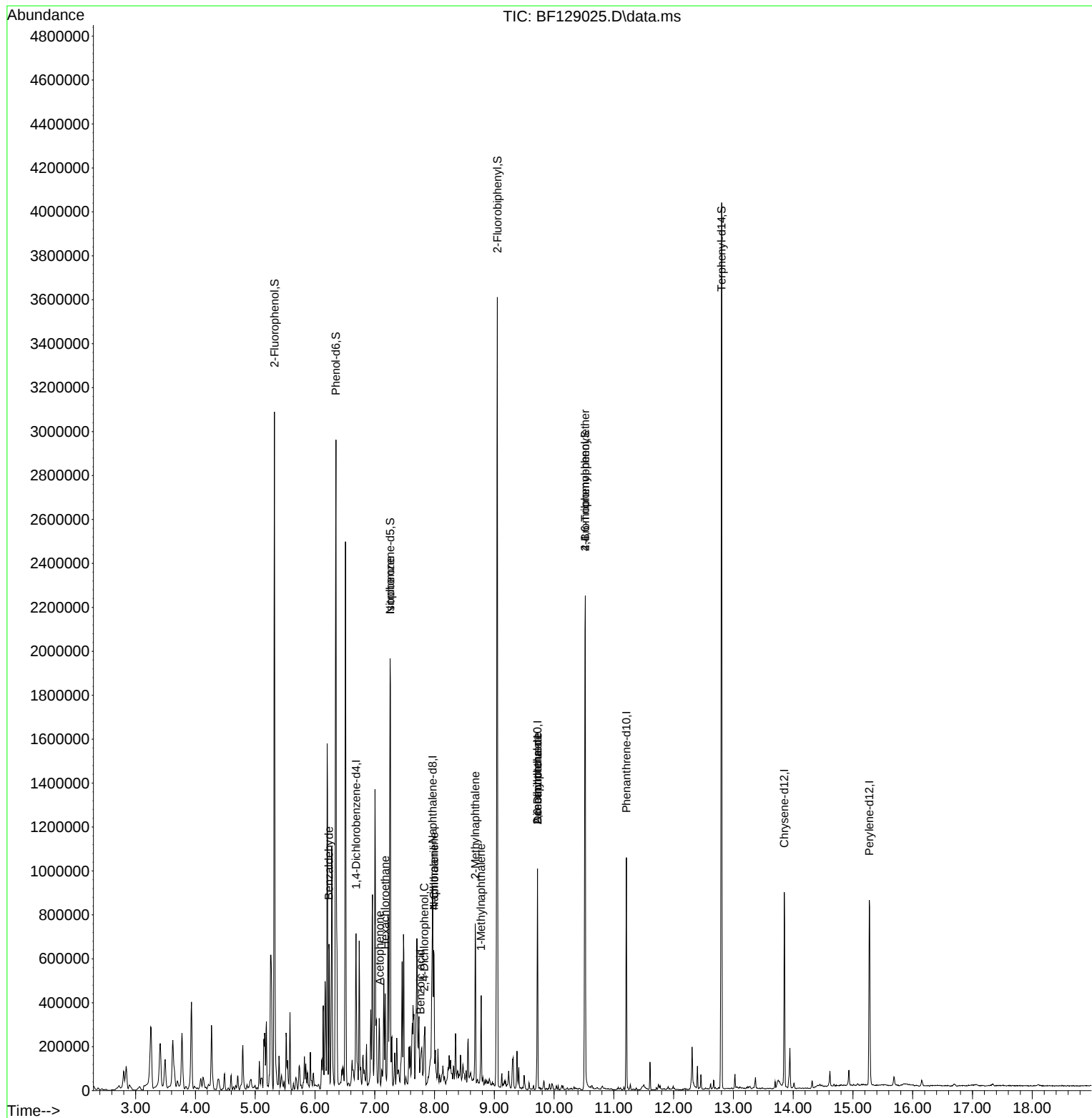
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.686	152	87340	20.000	ng	0.00
21) Naphthalene-d8	7.969	136	330850	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	188744	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	362015	20.000	ng	0.00
76) Chrysene-d12	13.851	240	311257	20.000	ng	# 0.00
86) Perylene-d12	15.274	264	378650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	749449	133.213	ng	0.01
7) Phenol-d6	6.351	99	954967	145.210	ng	0.00
23) Nitrobenzene-d5	7.257	82	672435	97.847	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	289234	147.602	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1176291	90.301	ng	0.00
79) Terphenyl-d14	12.804	244	1410121	83.981	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.234	77	26982	7.527	ng	# 1
18) Hexachloroethane	7.175	117	10963	4.735	ng	# 1
22) Acetophenone	7.081	105	80442	9.213	ng	# 58
25) Isophorone	7.257	82	669674	64.296	ng	# 65
29) 2,4-Dichlorophenol	7.828	162	10427	2.108	ng	# 27
31) Naphthalene	7.992	128	166524	10.021	ng	# 98
32) Benzoic acid	7.763	122	956	4.550	ng	# 41
33) 4-Chloroaniline	7.992	127	23954	3.741	ng	# 41
37) 2-Methylnaphthalene	8.680	142	200631	21.638	ng	100
38) 1-Methylnaphthalene	8.780	142	96294	10.808	ng	98
50) Dimethylphthalate	9.722	163	35977	2.869	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	24567	9.353	ng	# 26
67) 4-Bromophenyl-phenylether	10.522	248	18697	4.706	ng	# 1

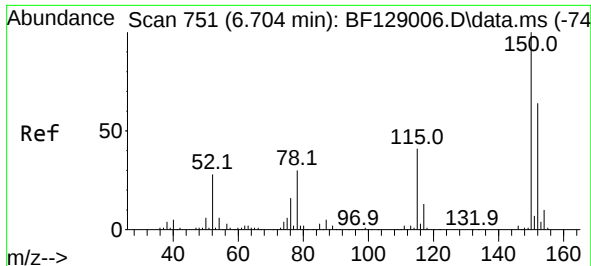
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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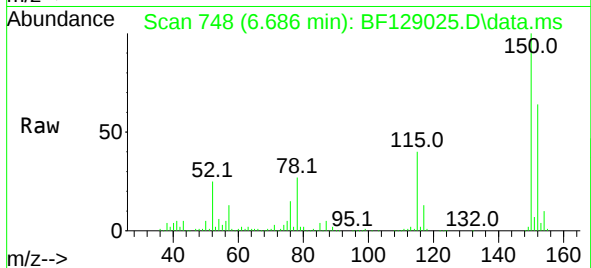
Quant Time: Jun 28 06:54:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
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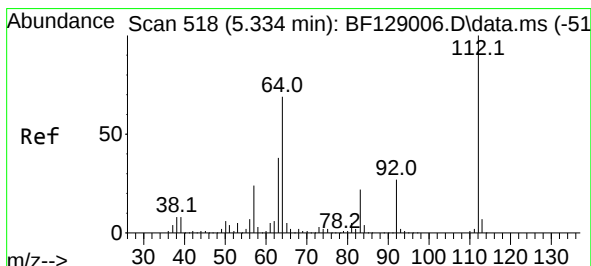
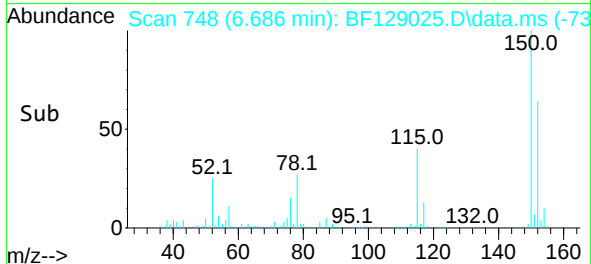
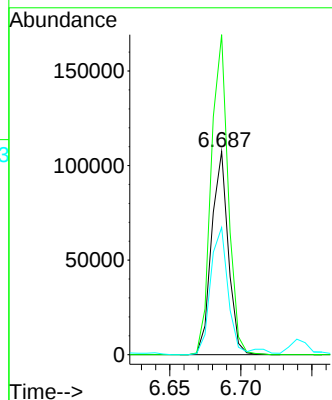


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.686 min Scan# 74
Delta R.T. -0.001 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

Instrument :
BNA_F
ClientSampleId :
B2203-28

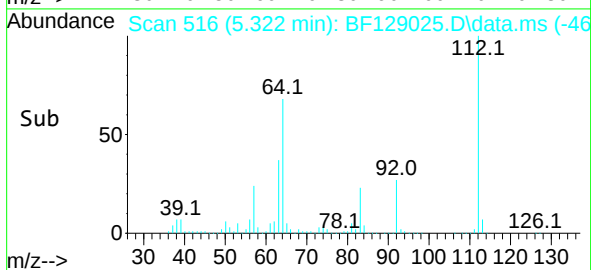
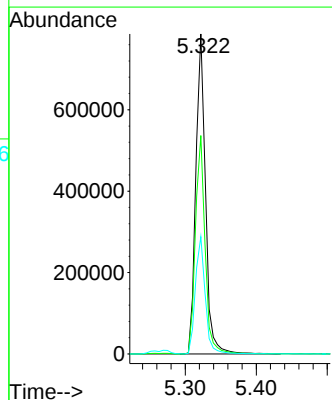
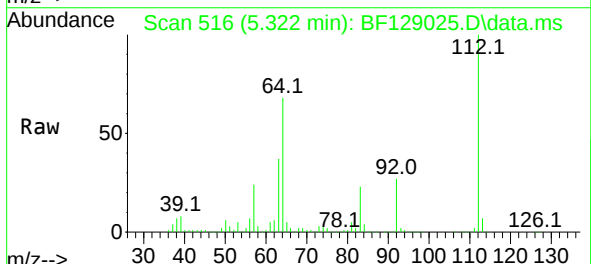


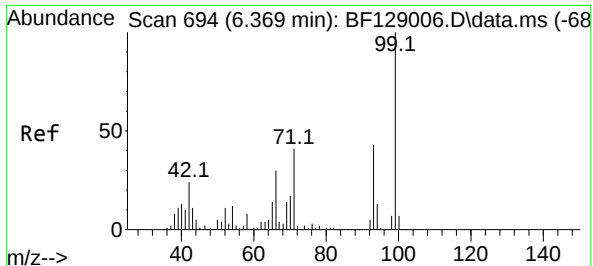
Tgt Ion:152 Resp: 87340
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 62.6 49.9 74.9



#5
2-Fluorophenol
Concen: 133.213 ng
RT: 5.322 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

Tgt Ion:112 Resp: 749449
Ion Ratio Lower Upper
112 100
64 68.3 53.3 79.9
63 36.6 28.0 42.0

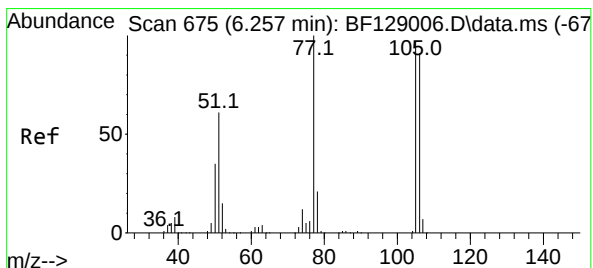
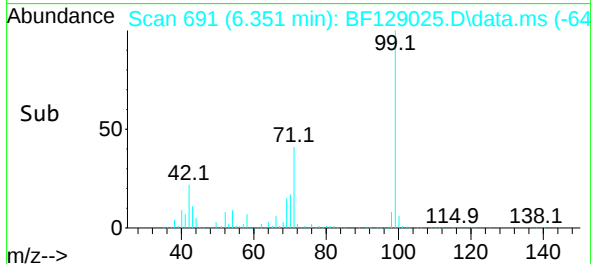
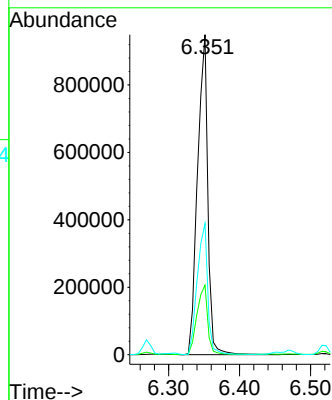
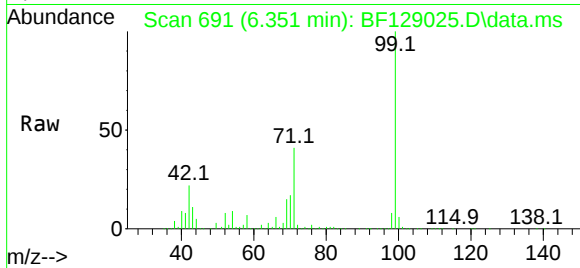




#7
Phenol-d6
Concen: 145.210 ng
RT: 6.351 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

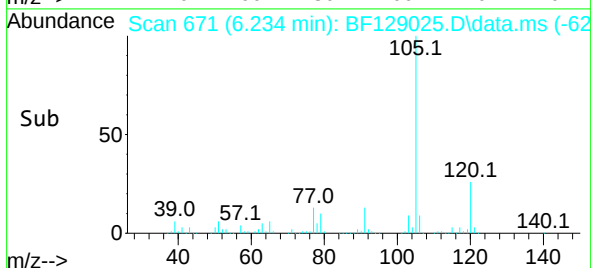
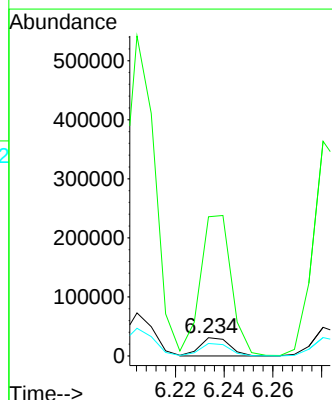
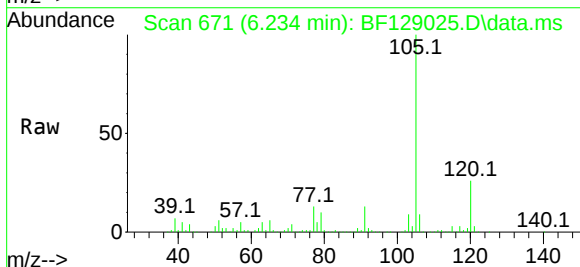
Instrument :
BNA_F
ClientSampleId :
B2203-28

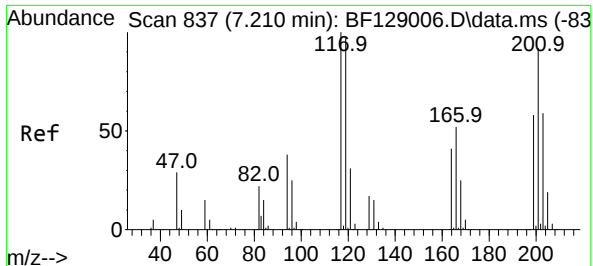
Tgt Ion: 99 Resp: 954967
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 41.0 28.9 43.3



#9
Benzaldehyde
Concen: 7.527 ng
RT: 6.234 min Scan# 671
Delta R.T. -0.006 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

Tgt Ion: 77 Resp: 26982
Ion Ratio Lower Upper
77 100
105 763.5 81.6 121.6#
106 68.6 76.1 116.1#

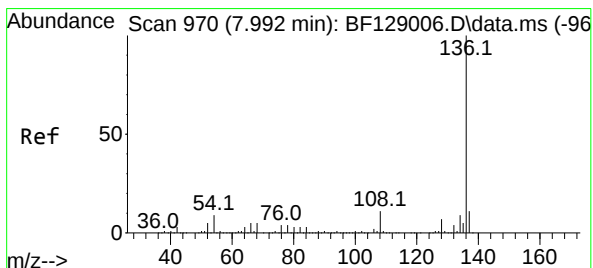
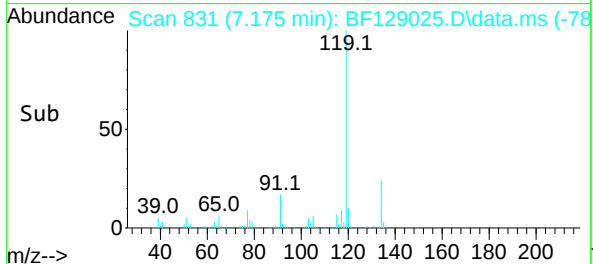
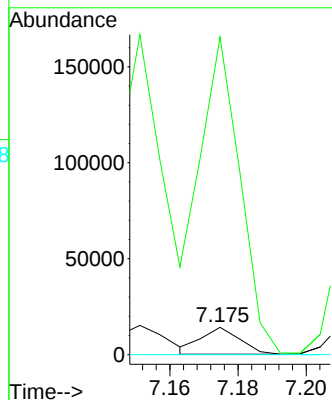
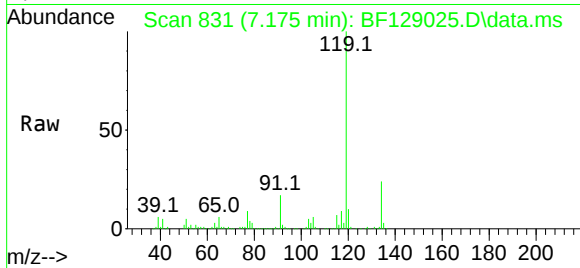




#18
Hexachloroethane
Concen: 4.735 ng
RT: 7.175 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

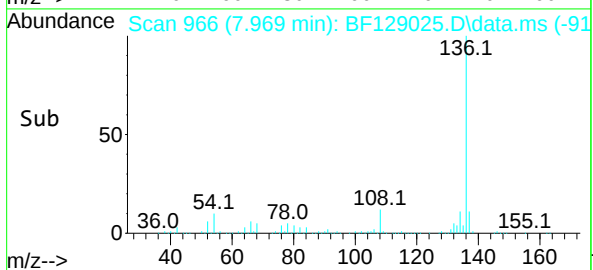
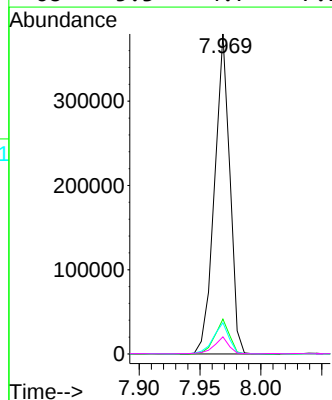
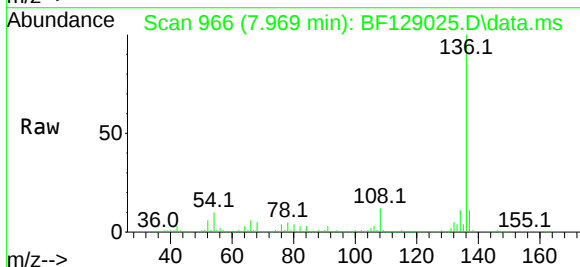
Instrument :
BNA_F
ClientSampleId :
B2203-28

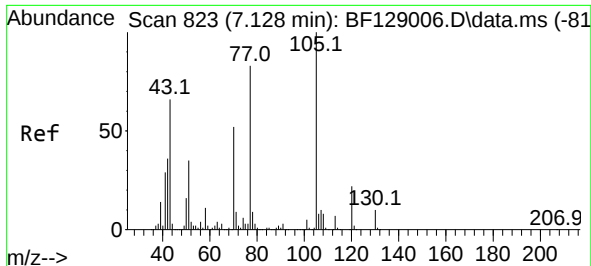
Tgt Ion:117 Resp: 10963
Ion Ratio Lower Upper
117 100
119 1161.5 77.4 116.2#
201 0.0 84.6 127.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

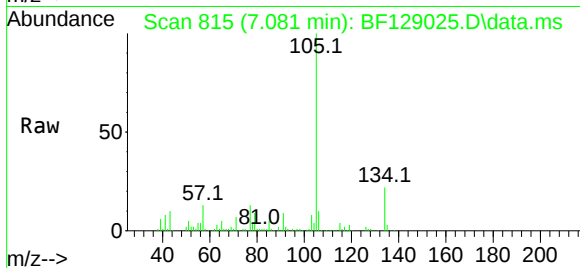
Tgt Ion:136 Resp: 330850
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.8 7.5 11.3
68 5.3 4.7 7.1



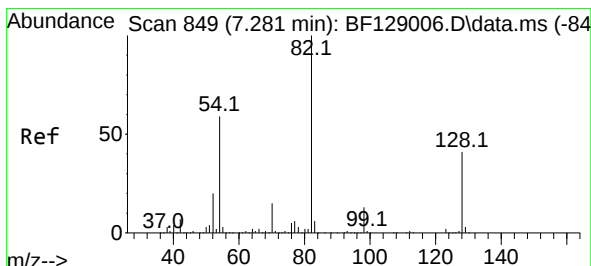
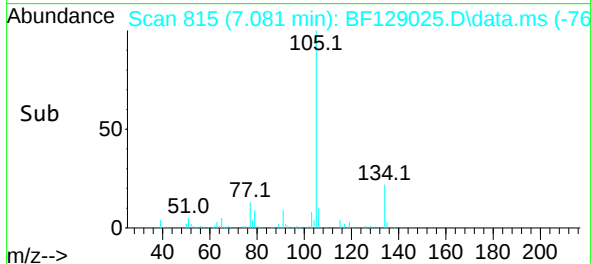
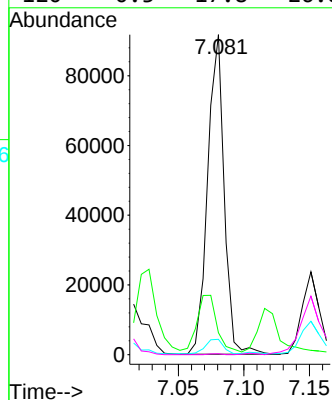


#22
Acetophenone
Concen: 9.213 ng
RT: 7.081 min Scan# 81
Delta R.T. -0.030 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

Instrument :
BNA_F
ClientSampleId :
B2203-28

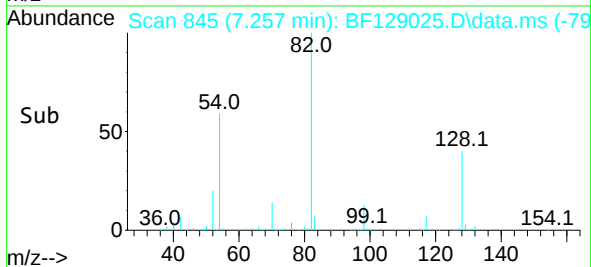
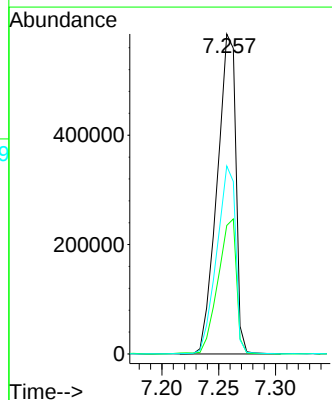
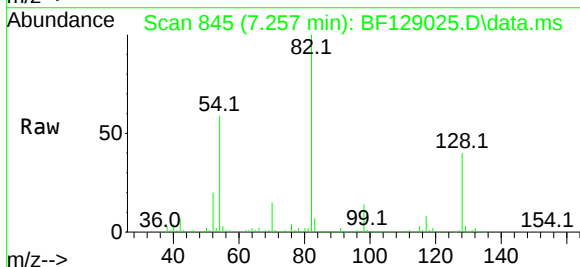


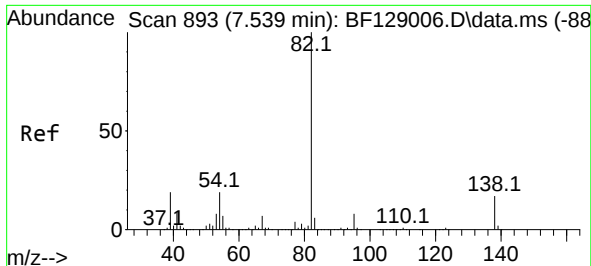
Tgt Ion:105 Resp: 80442
Ion Ratio Lower Upper
105 100
71 6.9 5.0 7.4
51 4.8 25.0 37.4#
120 0.3 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 97.847 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

Tgt Ion: 82 Resp: 672435
Ion Ratio Lower Upper
82 100
128 40.1 34.0 51.0
54 58.7 46.9 70.3





#25

Isophorone

Concen: 64.296 ng

RT: 7.257 min Scan# 84

Delta R.T. -0.265 min

Lab File: BF129025.D

Acq: 27 Jun 2022 12:20

Instrument :

BNA_F

ClientSampleId :

B2203-28

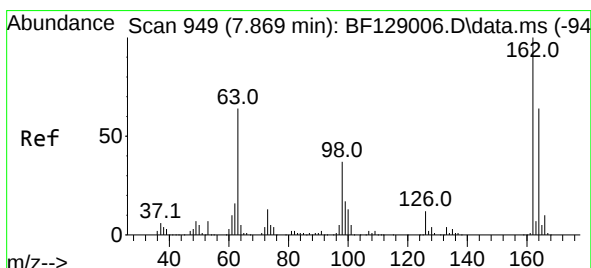
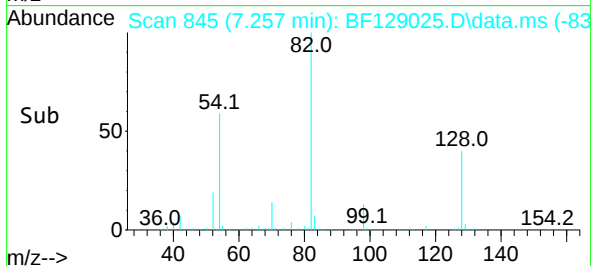
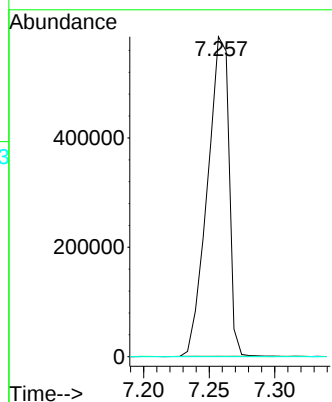
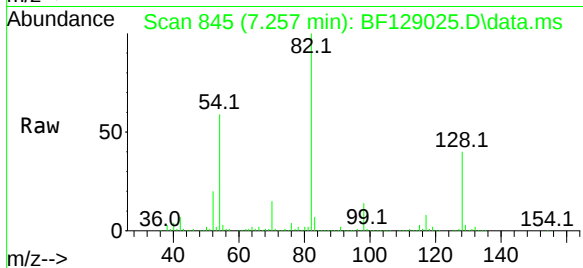
Tgt Ion: 82 Resp: 669674

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 14.2 21.2#



#29

2,4-Dichlorophenol

Concen: 2.108 ng

RT: 7.828 min Scan# 942

Delta R.T. -0.024 min

Lab File: BF129025.D

Acq: 27 Jun 2022 12:20

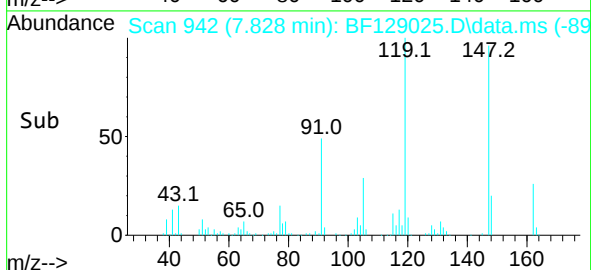
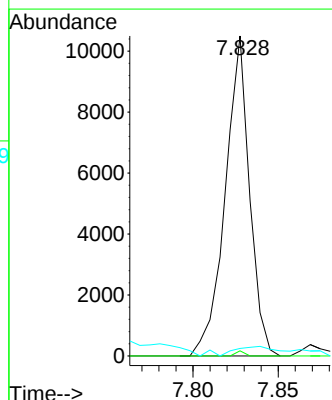
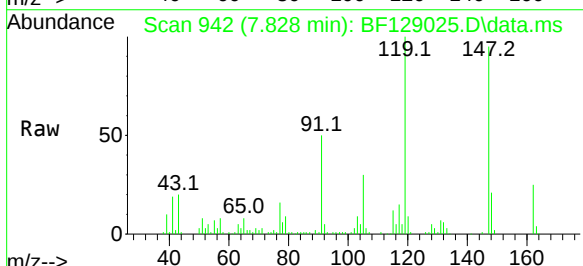
Tgt Ion: 162 Resp: 10427

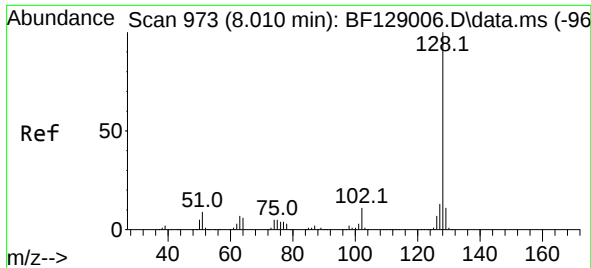
Ion Ratio Lower Upper

162 100

164 1.6 44.2 84.2#

98 2.4 19.6 59.6#

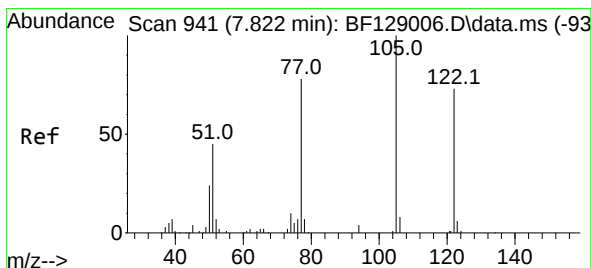
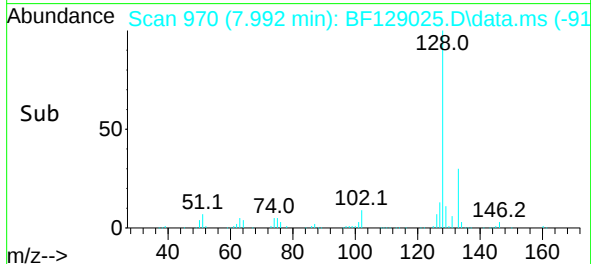
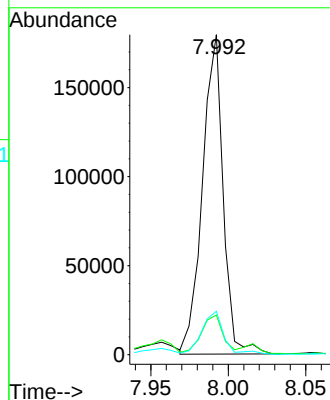
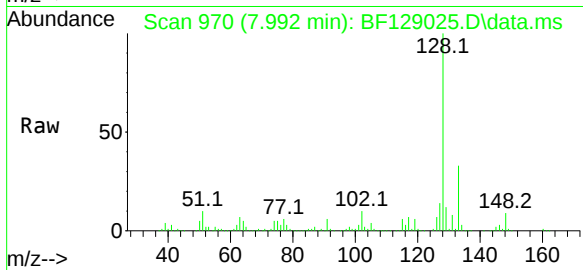




#31
Naphthalene
Concen: 10.021 ng
RT: 7.992 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

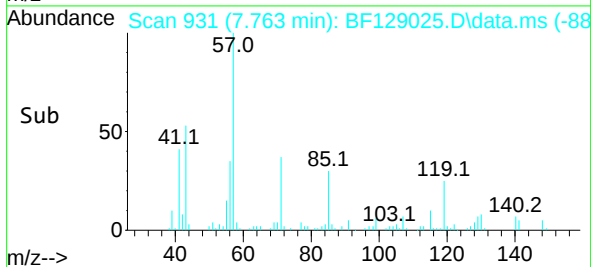
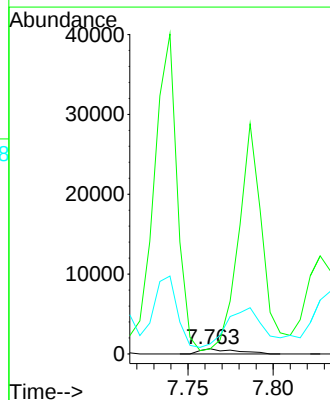
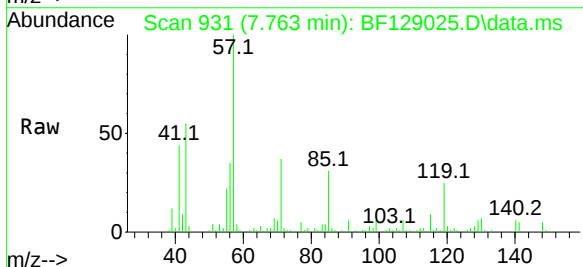
Instrument :
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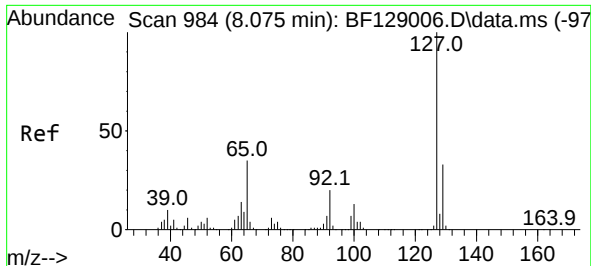
Tgt Ion:128 Resp: 166524
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 4.550 ng
RT: 7.763 min Scan# 931
Delta R.T. -0.041 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

Tgt Ion:122 Resp: 956
Ion Ratio Lower Upper
122 100
105 93.2 107.1 147.1#
77 189.8 74.2 114.2#

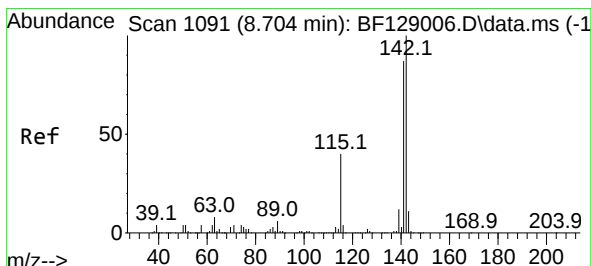
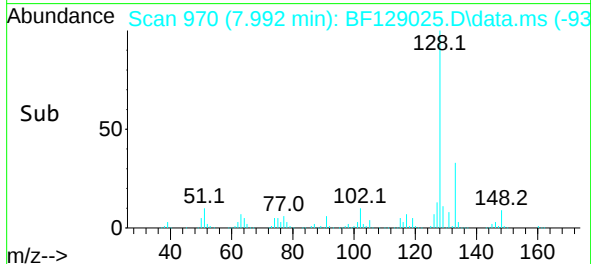
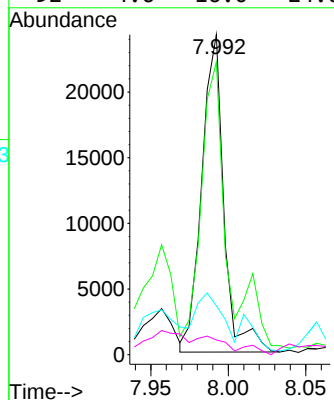
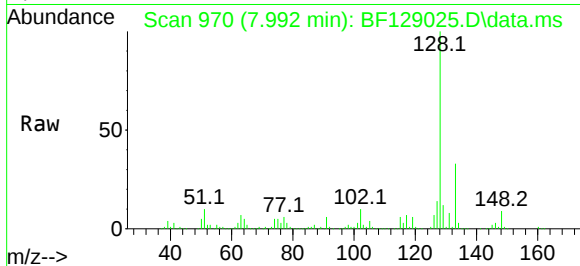




#33
4-Chloroaniline
Concen: 3.741 ng
RT: 7.992 min Scan# 91
Delta R.T. -0.065 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

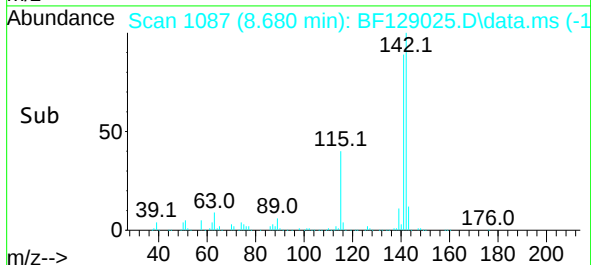
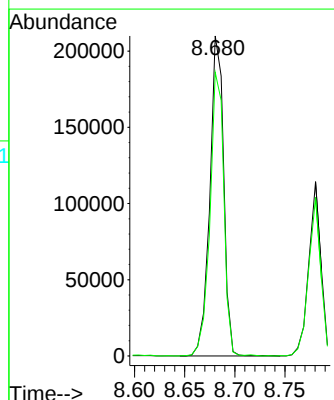
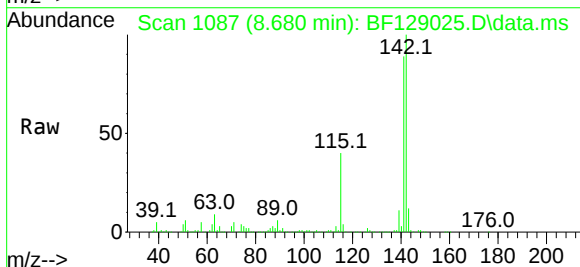
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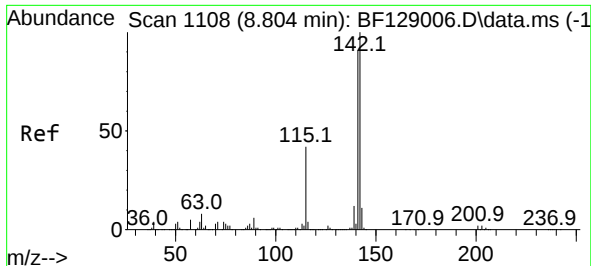
Tgt Ion:127	Resp:	23954
Ion Ratio	Lower	Upper
127	100	
129	91.5	26.4 39.6#
65	15.3	26.4 39.6#
92	4.6	16.0 24.0#



#37
2-Methylnaphthalene
Concen: 21.638 ng
RT: 8.680 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

Tgt Ion:142	Resp:	200631
Ion Ratio	Lower	Upper
142	100	
141	88.6	71.0 106.4

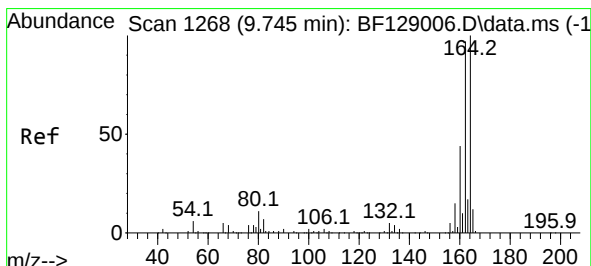
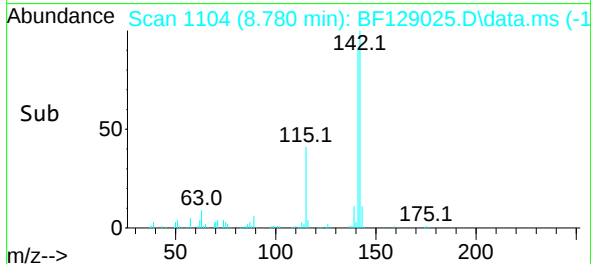
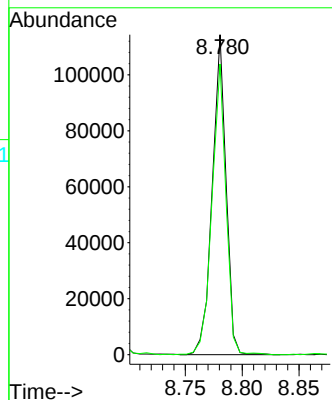
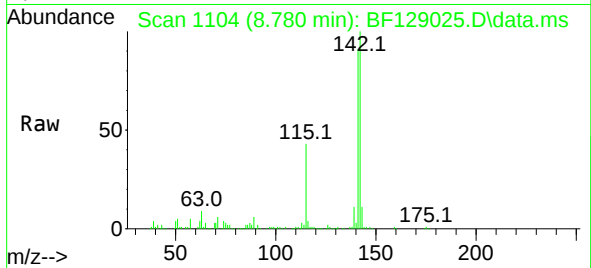




#38
1-Methylnaphthalene
Concen: 10.808 ng
RT: 8.780 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

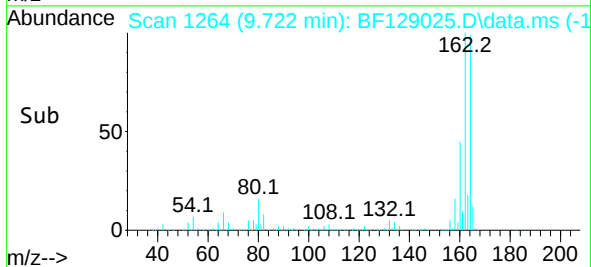
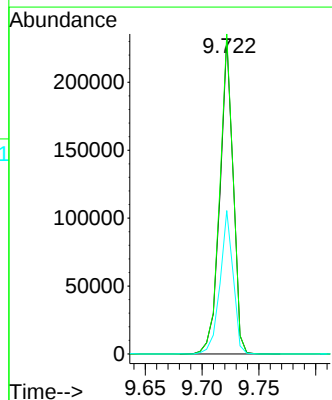
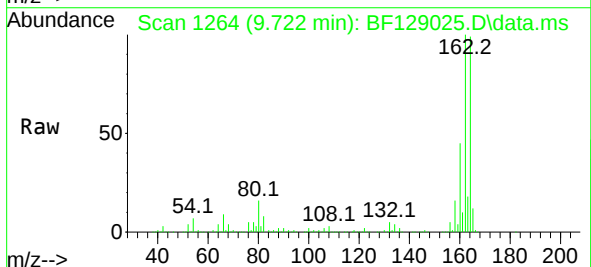
Instrument :
BNA_F
ClientSampleId :
B2203-28

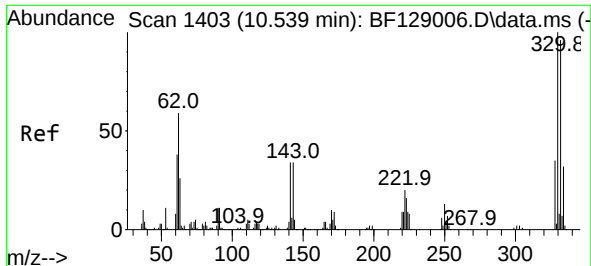
Tgt Ion:142 Resp: 96294
Ion Ratio Lower Upper
142 100
141 90.9 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

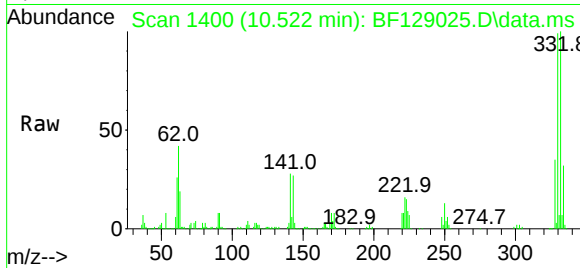
Tgt Ion:164 Resp: 188744
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 45.4 34.2 51.4



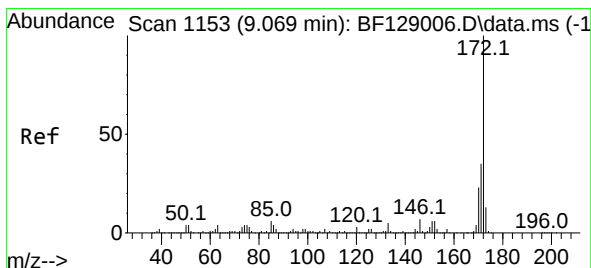
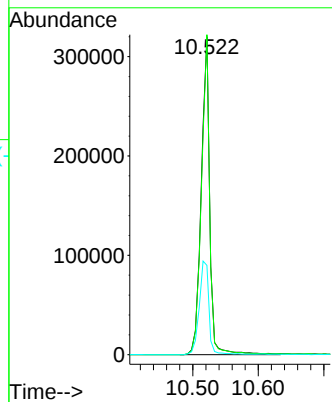
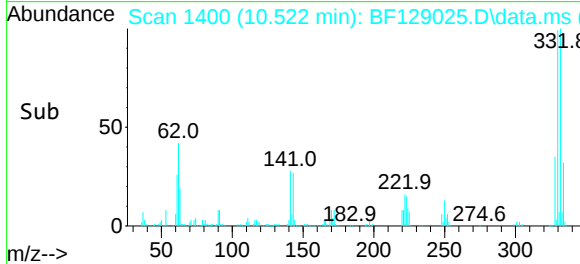


#42
2,4,6-Tribromophenol
Concen: 147.602 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

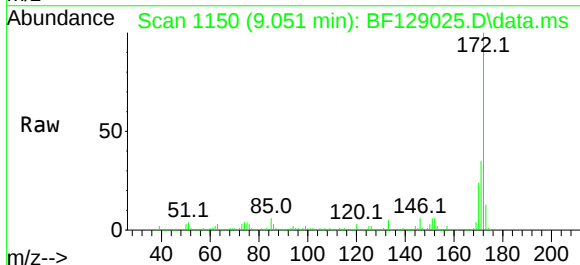
Instrument :
BNA_F
ClientSampleId :
B2203-28



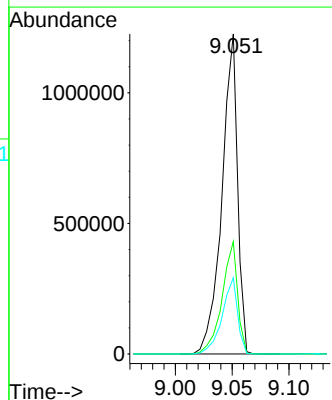
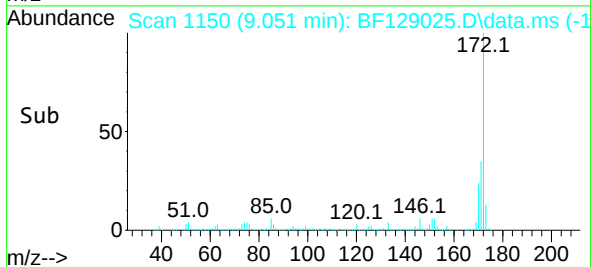
Tgt Ion:330 Resp: 289234
Ion Ratio Lower Upper
330 100
332 98.6 76.8 115.2
141 33.7 28.0 42.0

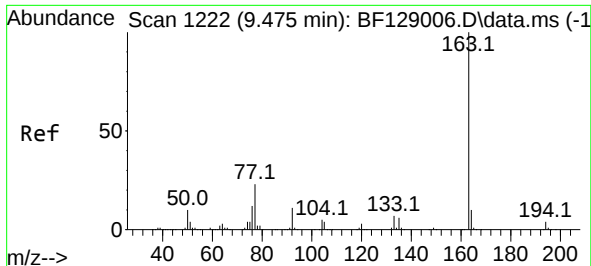


#45
2-Fluorobiphenyl
Concen: 90.301 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20



Tgt Ion:172 Resp: 1176291
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.8 19.8 29.8

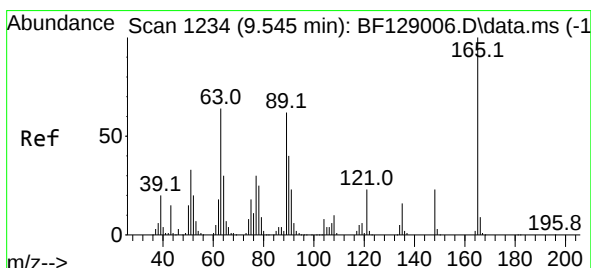
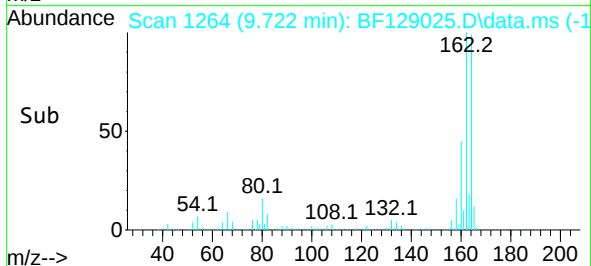
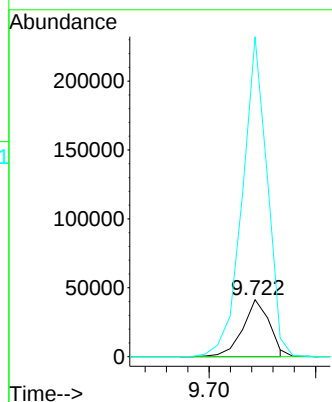
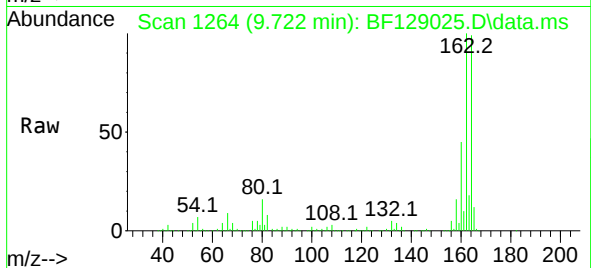




#50
Dimethylphthalate
Concen: 2.869 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.259 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

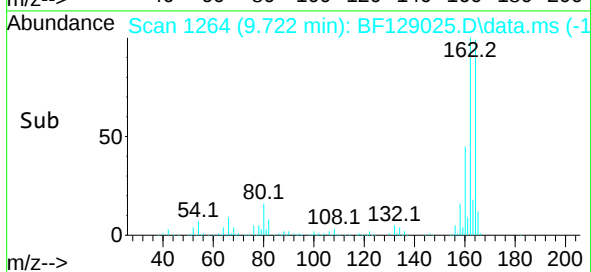
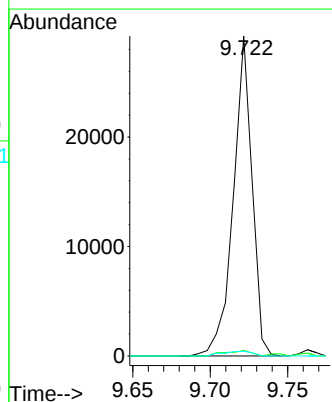
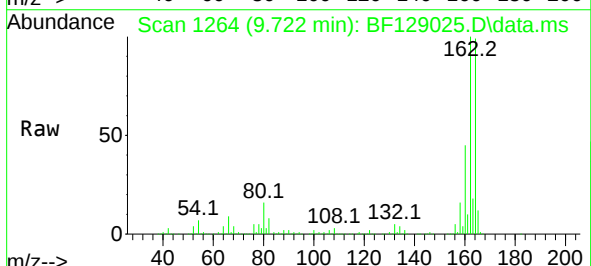
Instrument :
BNA_F
ClientSampleId :
B2203-28

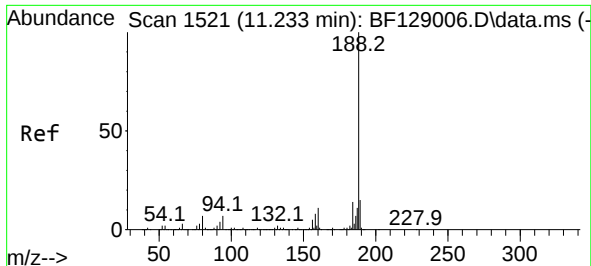
Tgt Ion:163 Resp: 35977
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 561.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.353 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.194 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

Tgt Ion:165 Resp: 24567
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 1.5 43.6 65.4#

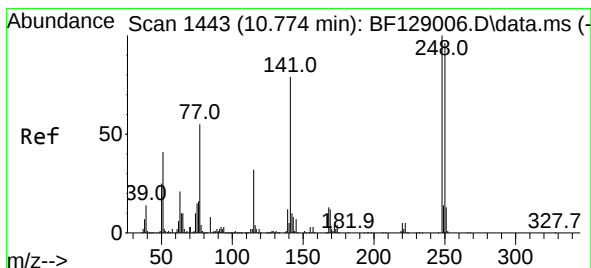
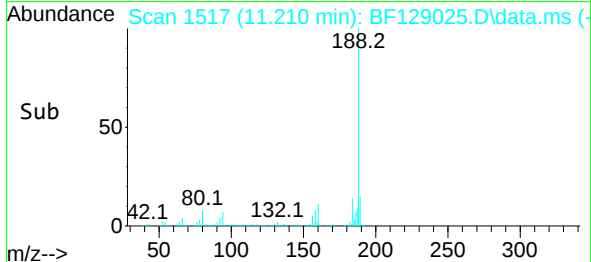
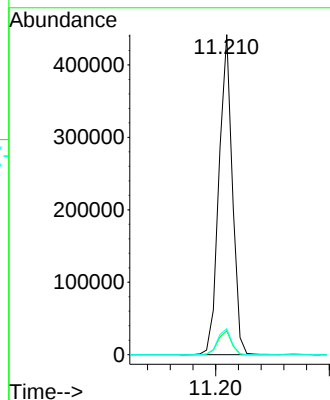
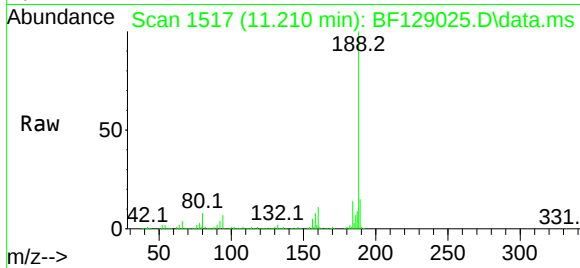




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

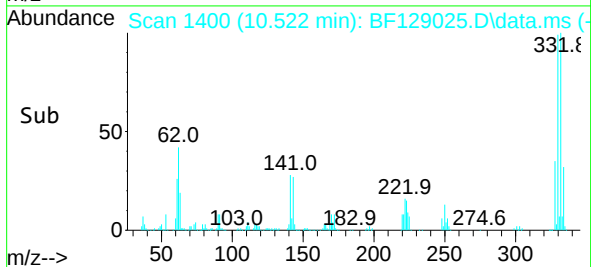
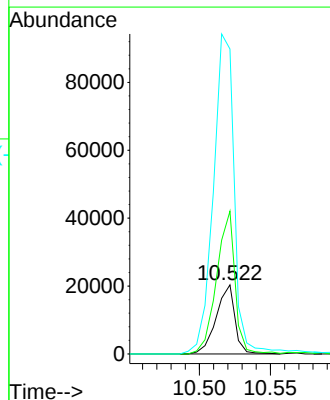
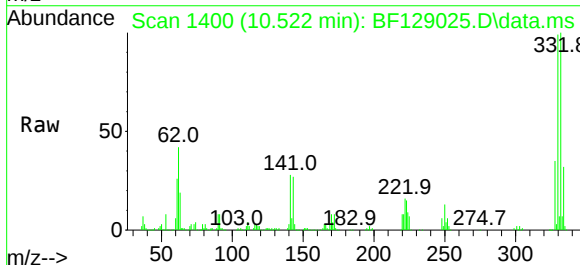
Instrument :
BNA_F
ClientSampleId :
B2203-28

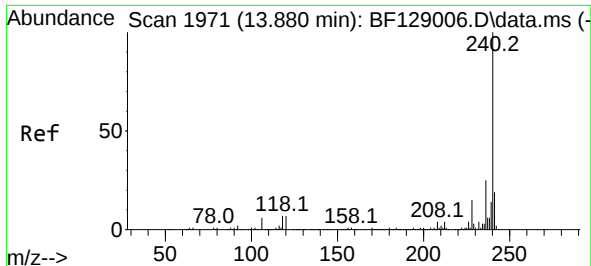
Tgt Ion:188 Resp: 362015
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.706 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.235 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

Tgt Ion:248 Resp: 18697
Ion Ratio Lower Upper
248 100
250 206.5 80.6 120.8#
141 441.6 58.9 88.3#

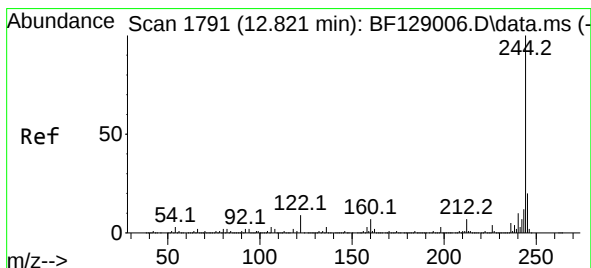
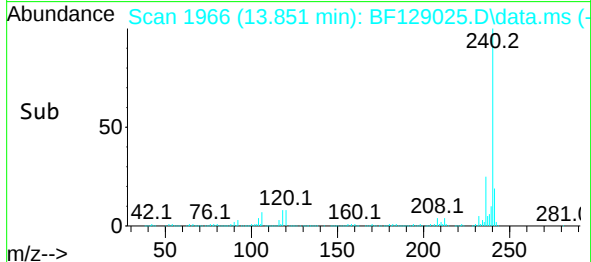
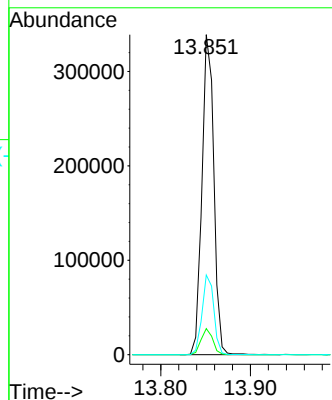
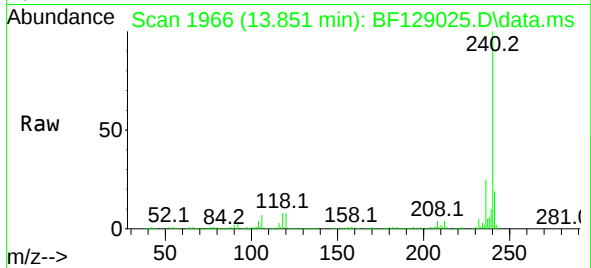




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

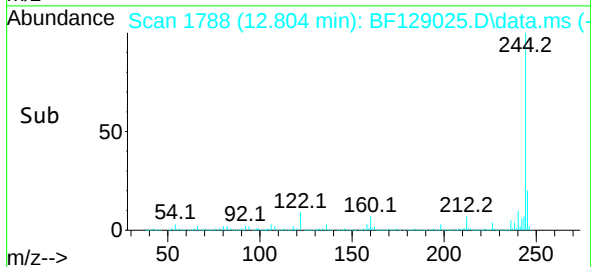
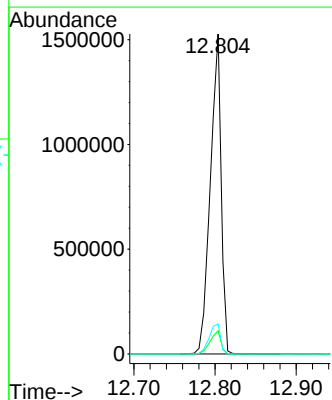
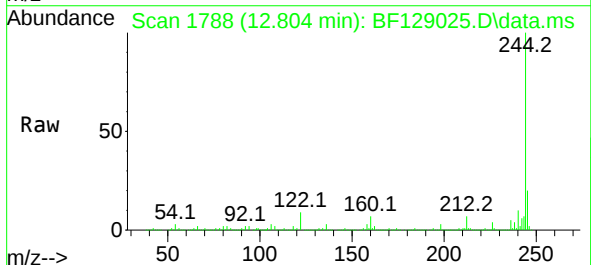
Instrument :
BNA_F
ClientSampleId :
B2203-28

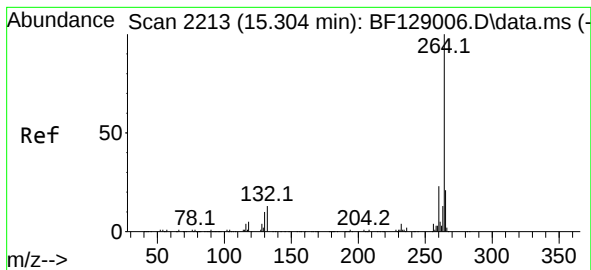
Tgt Ion:240 Resp: 311257
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 24.9 20.8 31.2



#79
Terphenyl-d14
Concen: 83.981 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF129025.D
Acq: 27 Jun 2022 12:20

Tgt Ion:244 Resp: 1410121
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 9.4 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129025.D

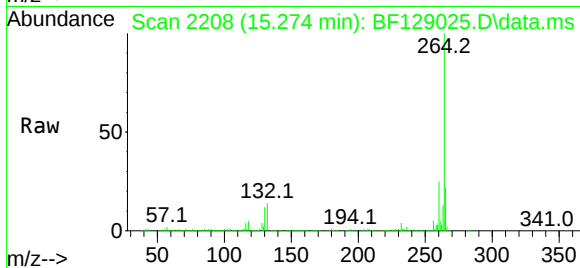
Acq: 27 Jun 2022 12:20

Instrument :

BNA_F

ClientSampleId :

B2203-28



Tgt Ion:264 Resp: 378650

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 22.0 17.2 25.8

