

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129075.D
 Acq On : 30 Jun 2022 23:31
 Operator : CG\JU
 Sample : N3434-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2206-29

Quant Time: Jul 01 05:45:11 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)

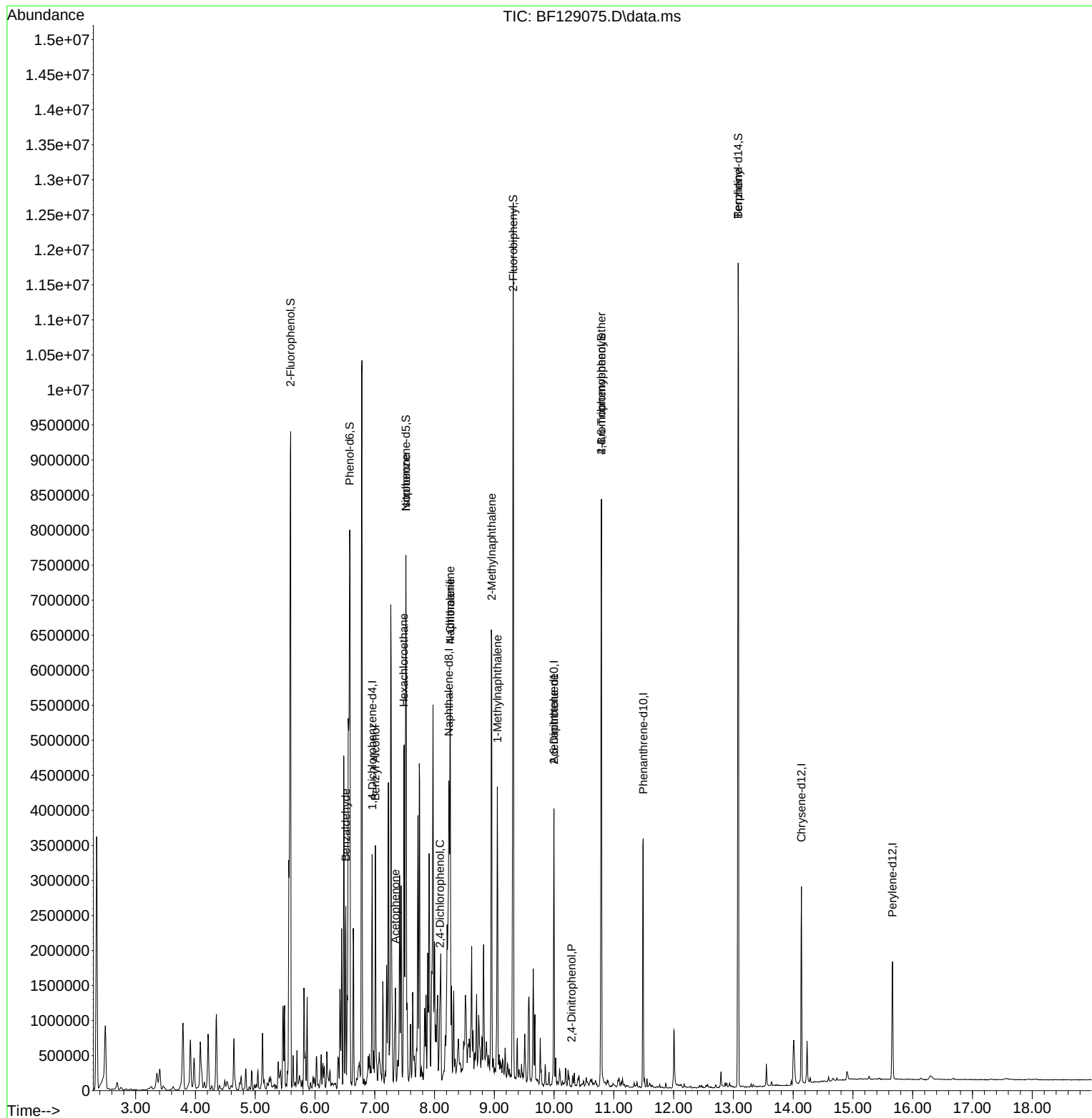
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	380784	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1437233	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	753262	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1358626	20.000	ng	0.00
76) Chrysene-d12	14.139	240	921572	20.000	ng	-0.01
86) Perylene-d12	15.662	264	745364	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3029912	134.524	ng	0.00
7) Phenol-d6	6.581	99	3909453	139.758	ng	0.00
23) Nitrobenzene-d5	7.522	82	2439430	101.238	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1171173	142.990	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4031097	85.613	ng	0.00
79) Terphenyl-d14	13.080	244	4277197	96.380	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	94779	4.340	ng	# 1
15) Benzyl Alcohol	7.010	79	84528	4.296	ng	# 4
18) Hexachloroethane	7.487	117	253421	27.473	ng	# 1
22) Acetophenone	7.345	105	478588	14.516	ng	# 55
25) Isophorone	7.522	82	2376523	58.358	ng	# 65
29) 2,4-Dichlorophenol	8.092	162	71198	3.568	ng	# 27
31) Naphthalene	8.263	128	1932308	29.616	ng	99
33) 4-Chloroaniline	8.263	127	263584	10.026	ng	# 34
37) 2-Methylnaphthalene	8.957	142	1955017	44.529	ng	99
38) 1-Methylnaphthalene	9.051	142	1024136	24.020	ng	98
51) 2,6-Dinitrotoluene	9.998	165	106011	11.009	ng	# 25
54) 2,4-Dinitrophenol	10.292	184	468	6.948	ng	94
67) 4-Bromophenyl-phenylether	10.792	248	72149	4.992	ng	# 1
77) Benzidine	13.080	184	62373	3.801	ng	# 93

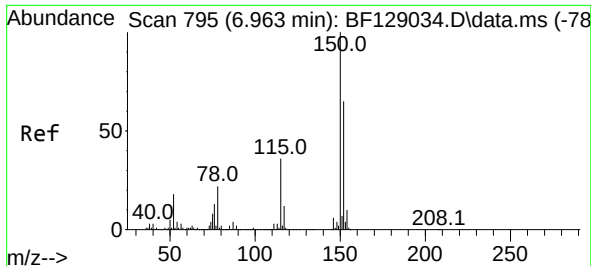
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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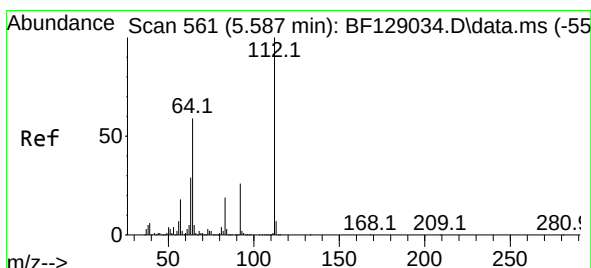
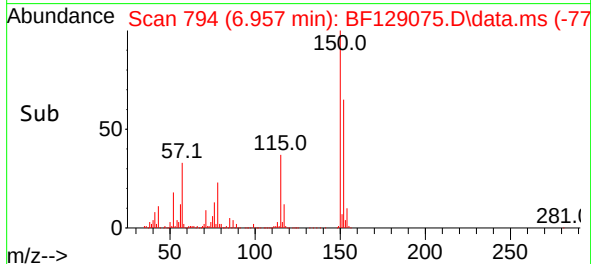
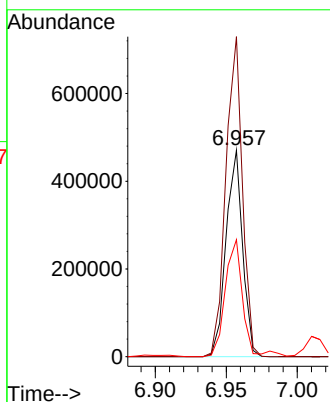
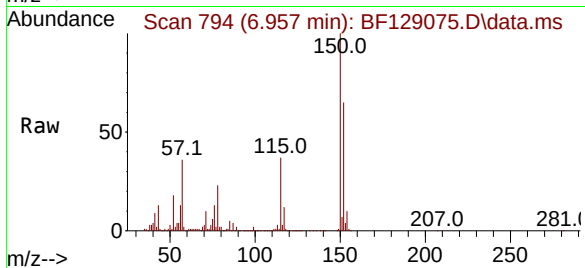




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

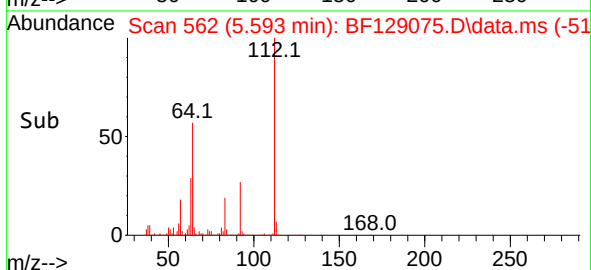
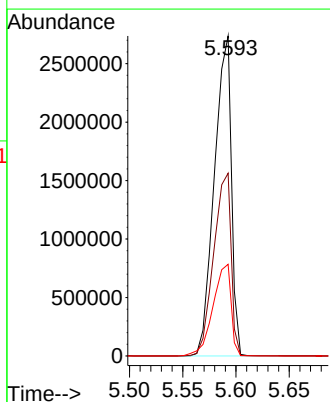
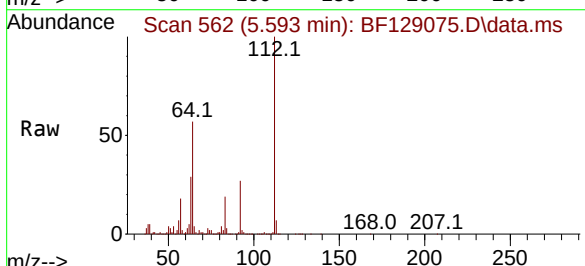
Instrument :
BNA_F
ClientSampleId :
B2206-29

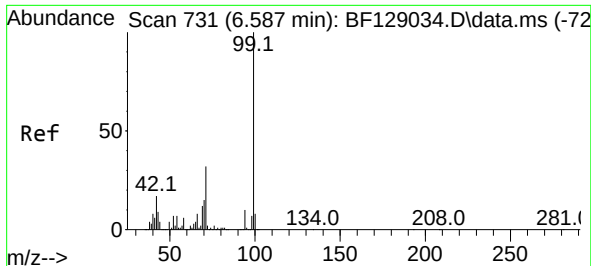
Tgt Ion:152 Resp: 380784
Ion Ratio Lower Upper
152 100
150 155.0 123.7 185.5
115 56.7 49.9 74.9



#5
2-Fluorophenol
Concen: 134.524 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

Tgt Ion:112 Resp: 3029912
Ion Ratio Lower Upper
112 100
64 57.1 53.3 79.9
63 28.7 28.0 42.0

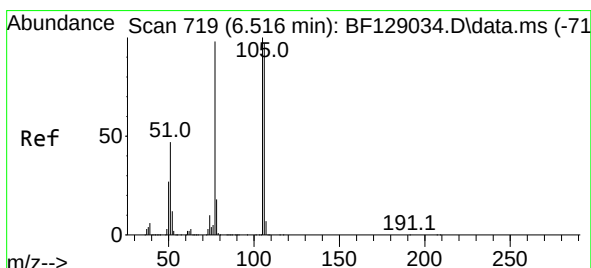
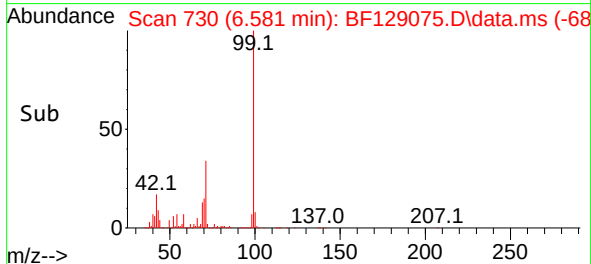
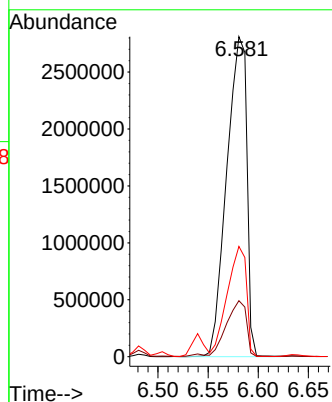
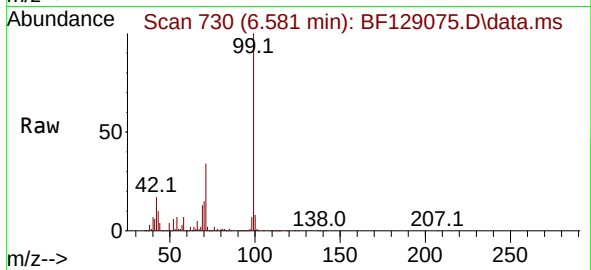




#7
Phenol-d6
Concen: 139.758 ng
RT: 6.581 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

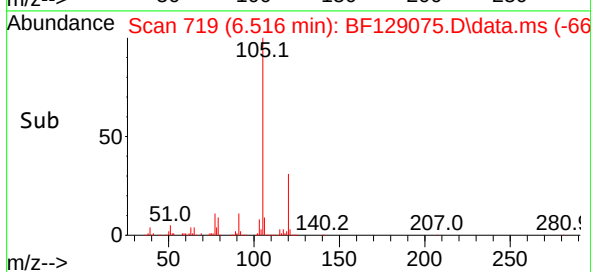
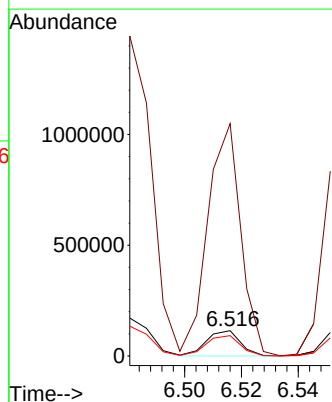
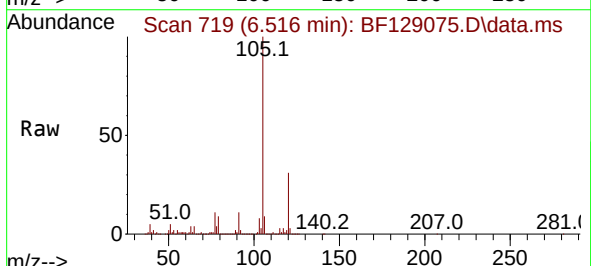
Instrument :
BNA_F
ClientSampleId :
B2206-29

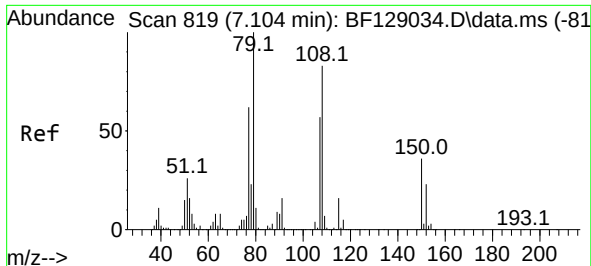
Tgt Ion: 99 Resp: 3909453
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 34.5 28.9 43.3



#9
Benzaldehyde
Concen: 4.340 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

Tgt Ion: 77 Resp: 94779
Ion Ratio Lower Upper
77 100
105 920.8 81.6 121.6#
106 80.6 76.1 116.1

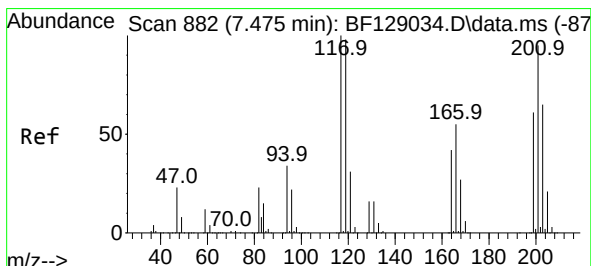
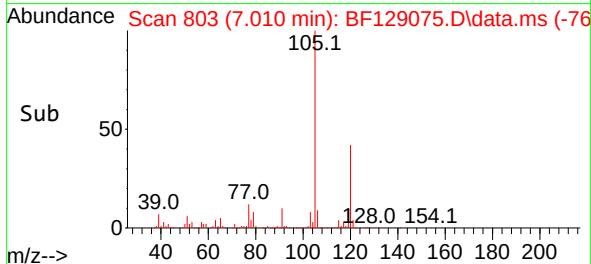
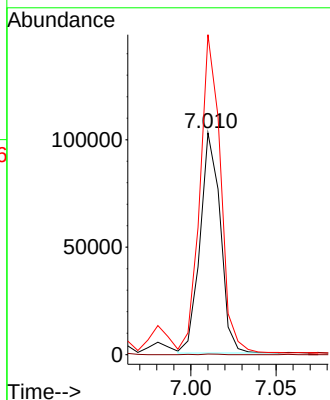
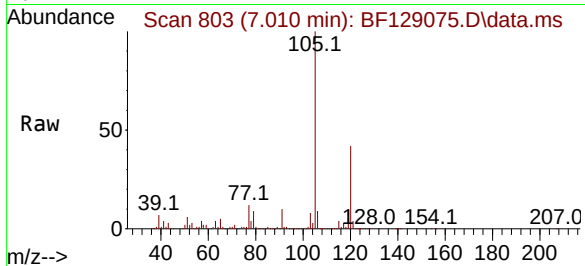




#15
Benzyl Alcohol
Concen: 4.296 ng
RT: 7.010 min Scan# 80
Delta R.T. -0.094 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

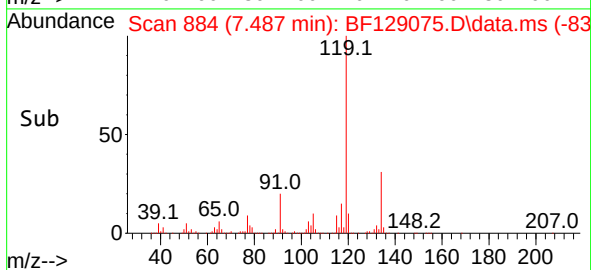
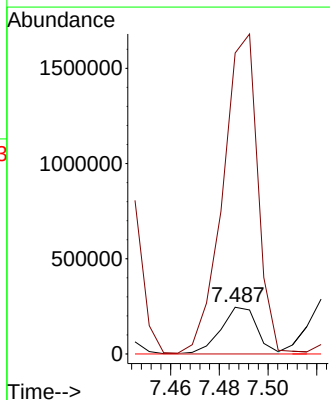
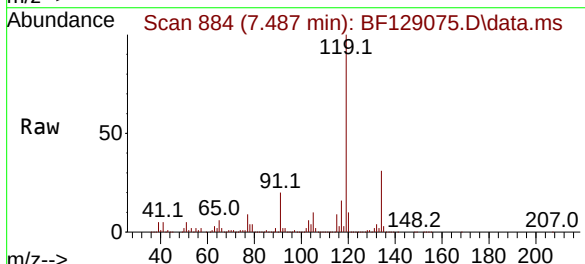
Instrument :
BNA_F
ClientSampleId :
B2206-29

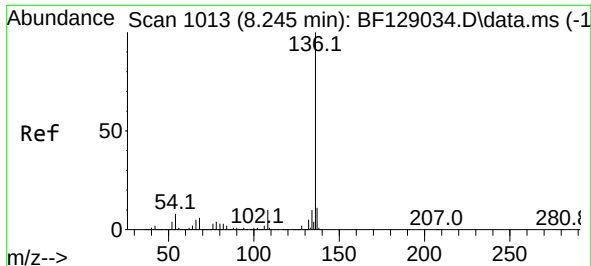
Tgt Ion: 79 Resp: 84528
Ion Ratio Lower Upper
79 100
108 0.3 61.8 92.6#
77 144.3 50.2 75.4#



#18
Hexachloroethane
Concen: 27.473 ng
RT: 7.487 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

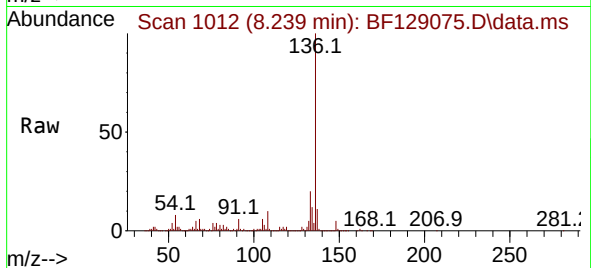
Tgt Ion: 117 Resp: 253421
Ion Ratio Lower Upper
117 100
119 642.9 77.4 116.2#
201 0.0 84.6 127.0#





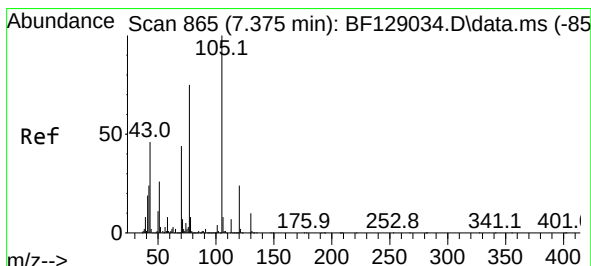
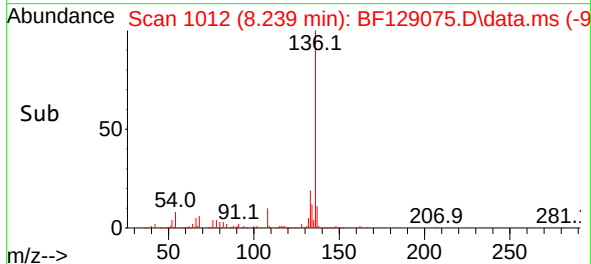
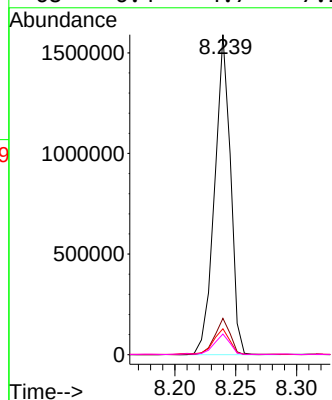
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

Instrument :
BNA_F
ClientSampleId :
B2206-29



Tgt Ion:136 Resp: 1437233

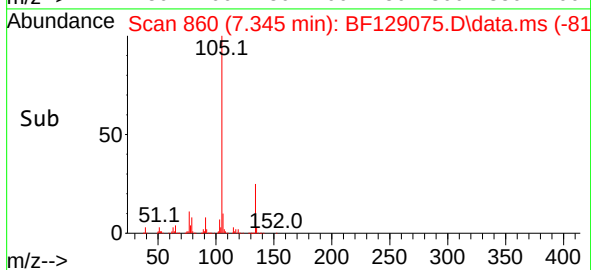
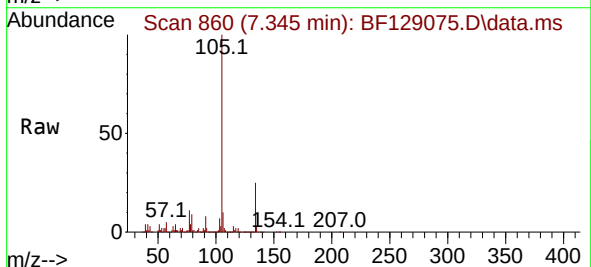
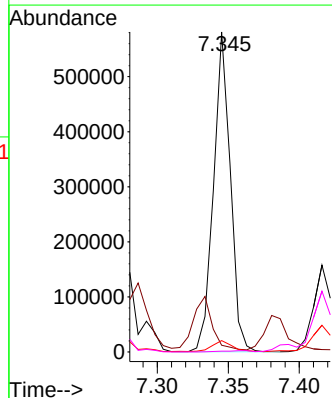
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.1	7.5	11.3
68	6.4	4.7	7.1

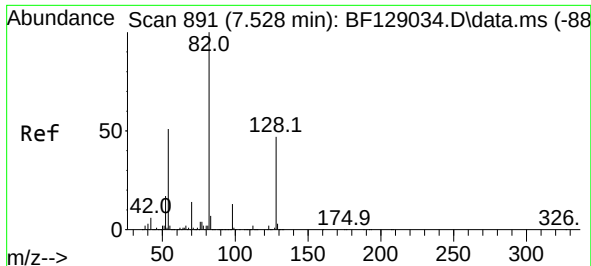


#22
Acetophenone
Concen: 14.516 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.030 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

Tgt Ion:105 Resp: 478588

Ion	Ratio	Lower	Upper
105	100		
71	2.1	5.0	7.4#
51	3.6	25.0	37.4#
120	0.2	17.8	26.8#

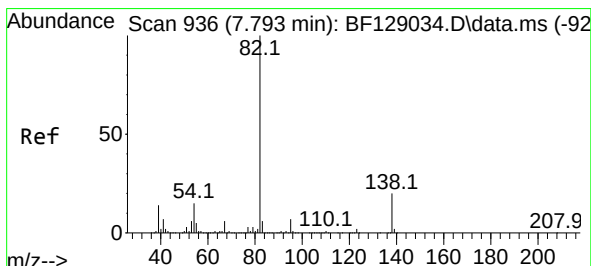
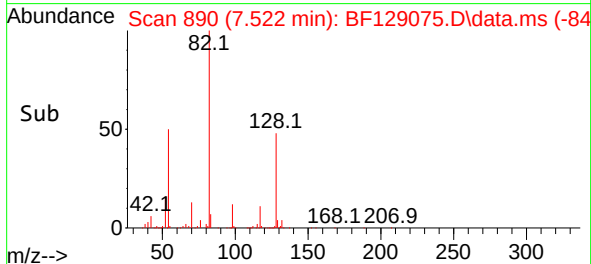
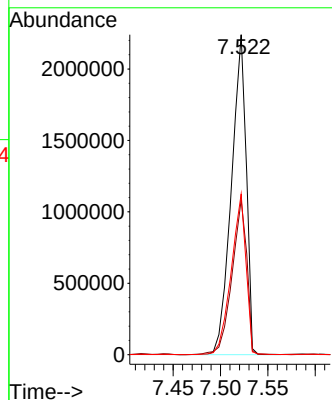
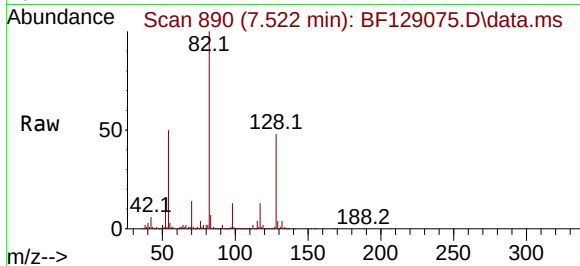




#23
Nitrobenzene-d5
Concen: 101.238 ng
RT: 7.522 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

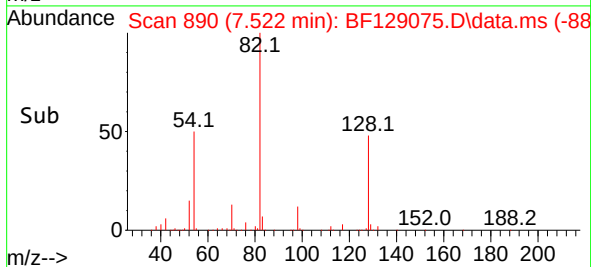
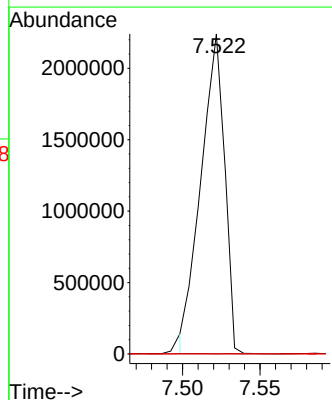
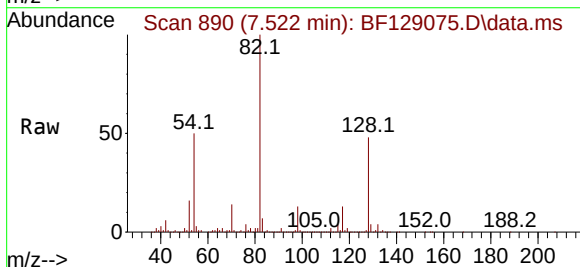
Instrument :
BNA_F
ClientSampleId :
B2206-29

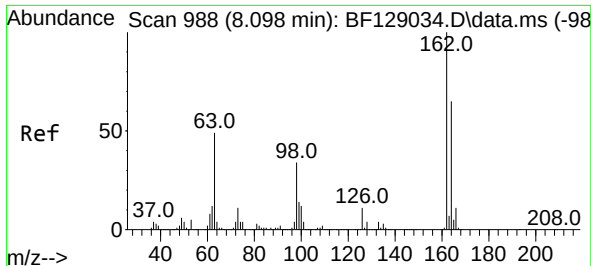
Tgt Ion: 82 Resp: 2439430
Ion Ratio Lower Upper
82 100
128 48.4 34.0 51.0
54 50.2 46.9 70.3



#25
Isophorone
Concen: 58.358 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.271 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

Tgt Ion: 82 Resp: 2376523
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: 3.568 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129075.D

Acq: 30 Jun 2022 23:31

Instrument :

BNA_F

ClientSampleId :

B2206-29

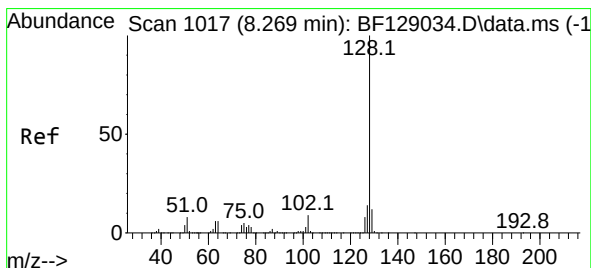
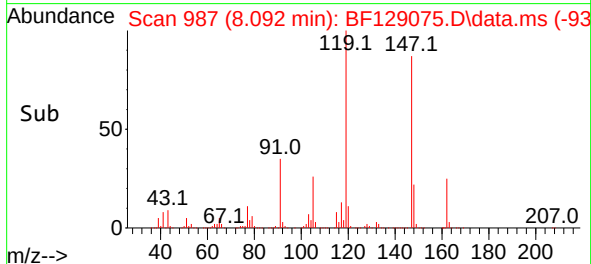
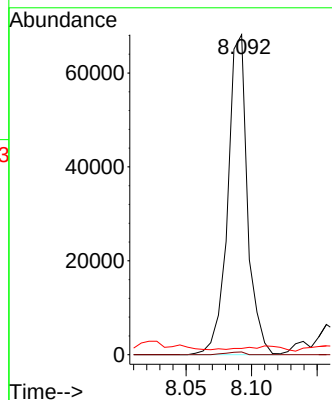
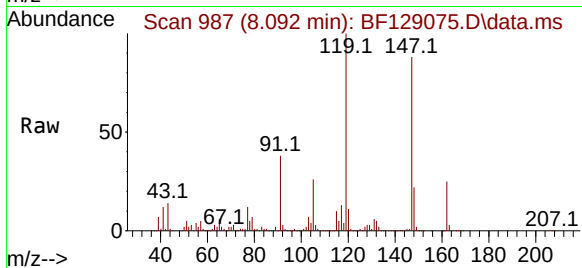
Tgt Ion:162 Resp: 71198

Ion Ratio Lower Upper

162 100

164 0.9 44.2 84.2#

98 1.9 19.6 59.6#



#31

Naphthalene

Concen: 29.616 ng

RT: 8.263 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF129075.D

Acq: 30 Jun 2022 23:31

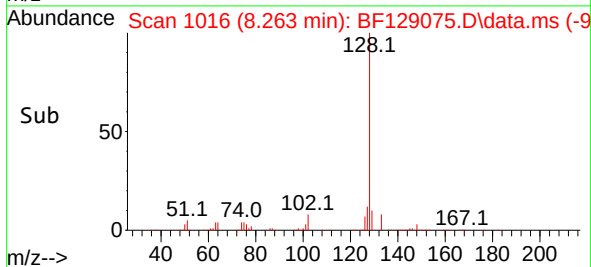
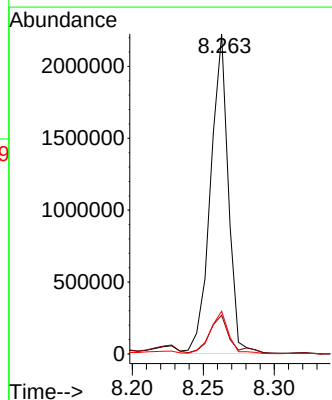
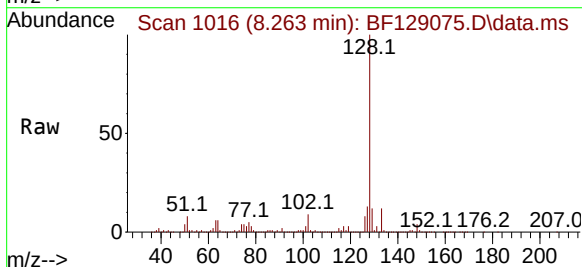
Tgt Ion:128 Resp: 1932308

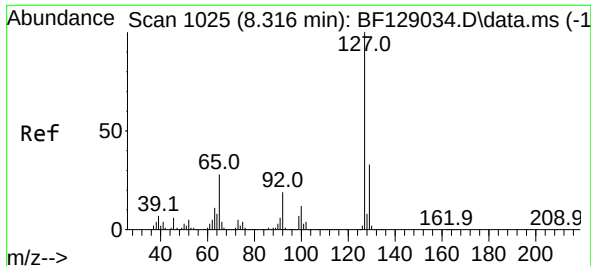
Ion Ratio Lower Upper

128 100

129 12.1 9.2 13.8

127 13.4 10.5 15.7



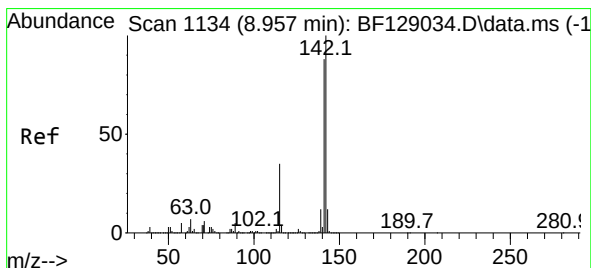
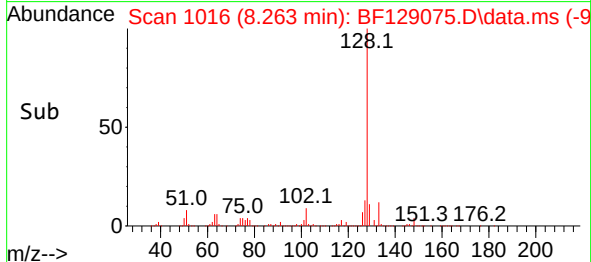
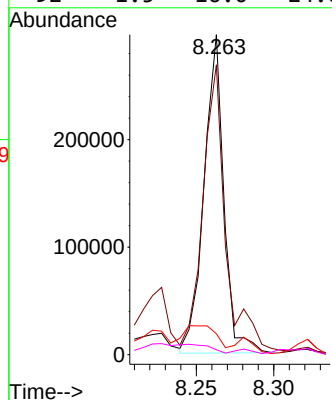
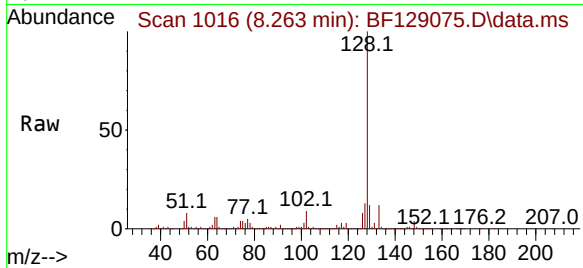


#33
4-Chloroaniline
Concen: 10.026 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.053 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

Instrument :
BNA_F
ClientSampleId :
B2206-29

Tgt Ion:127 Resp: 263584

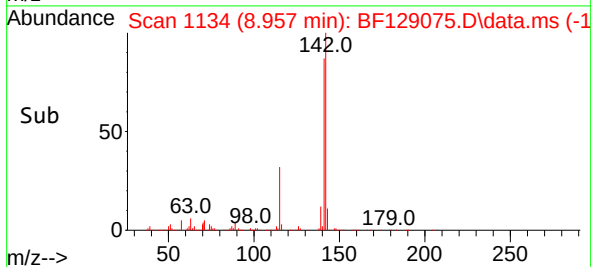
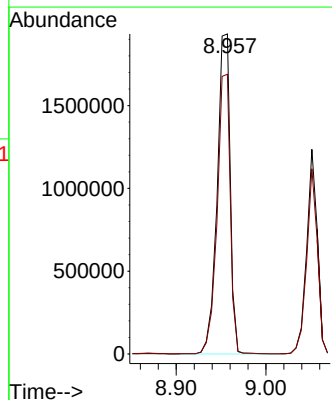
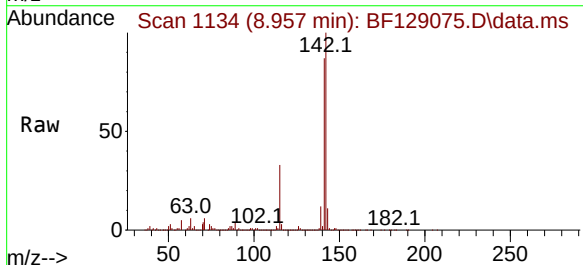
Ion	Ratio	Lower	Upper
127	100		
129	90.6	26.4	39.6#
65	6.5	26.4	39.6#
92	1.5	16.0	24.0#

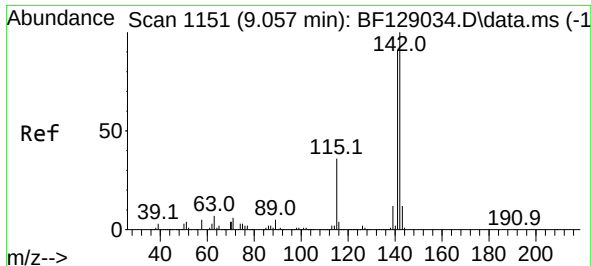


#37
2-Methylnaphthalene
Concen: 44.529 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

Tgt Ion:142 Resp: 1955017

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.4

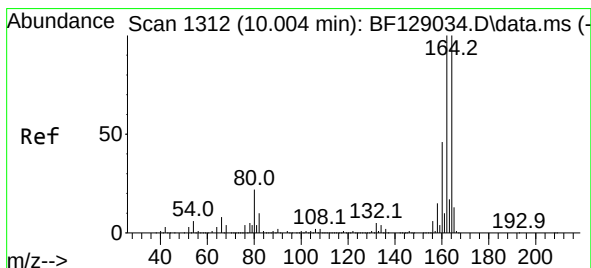
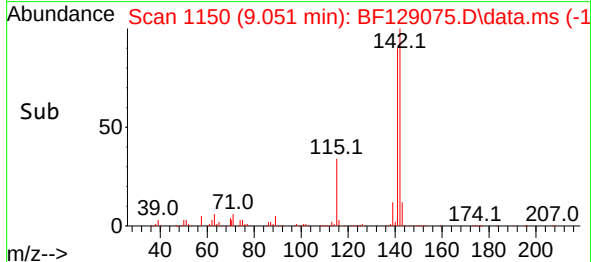
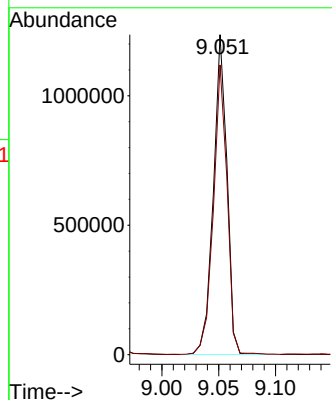
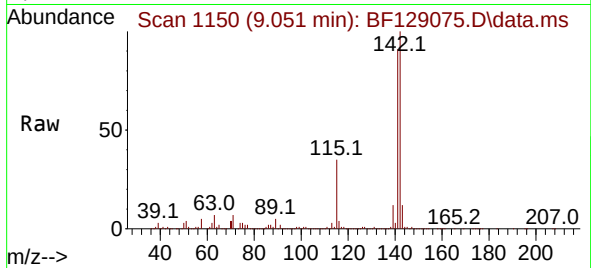




#38
1-Methylnaphthalene
Concen: 24.020 ng
RT: 9.051 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

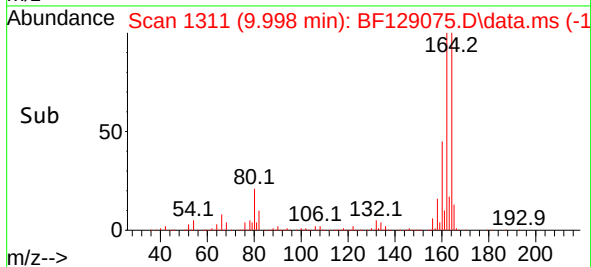
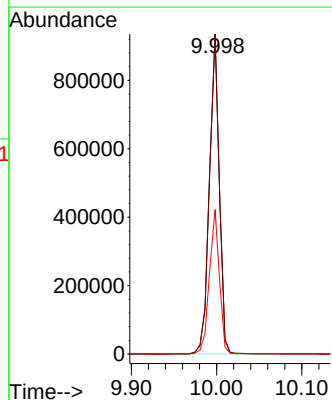
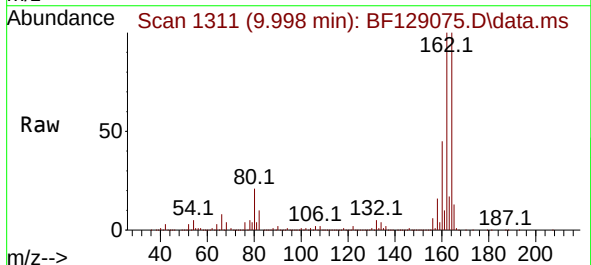
Instrument :
BNA_F
ClientSampleId :
B2206-29

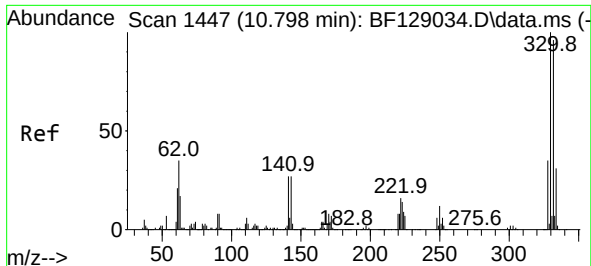
Tgt Ion:142 Resp: 1024136
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

Tgt Ion:164 Resp: 753262
Ion Ratio Lower Upper
164 100
162 99.8 79.5 119.3
160 45.1 34.2 51.4

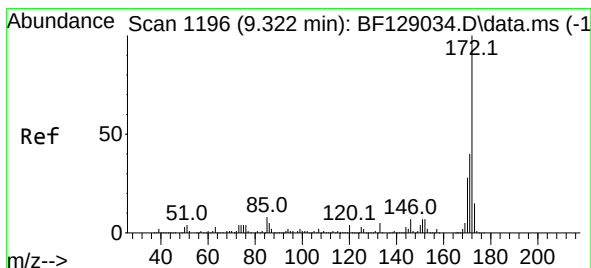
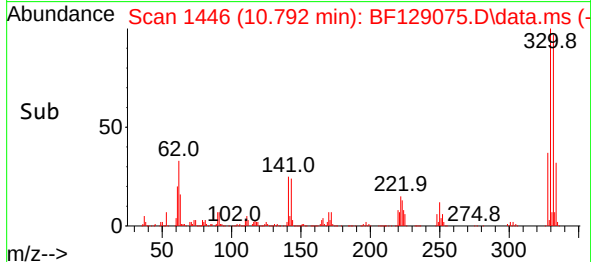
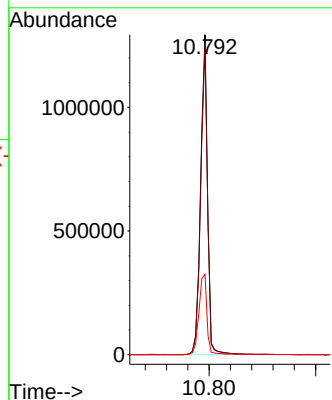
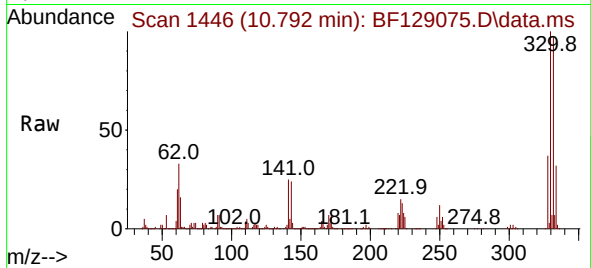




#42
2,4,6-Tribromophenol
Concen: 142.990 ng
RT: 10.792 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

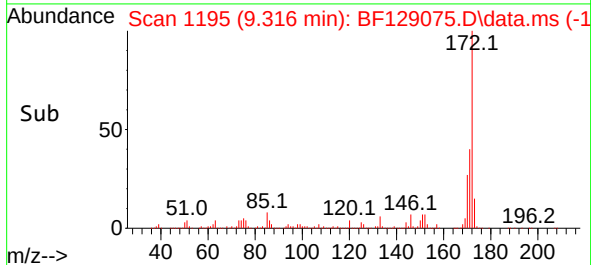
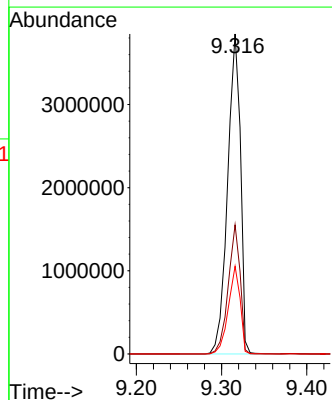
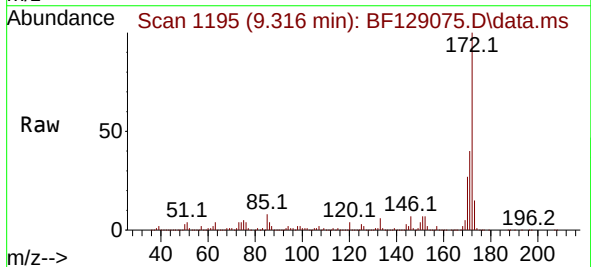
Instrument :
BNA_F
ClientSampleId :
B2206-29

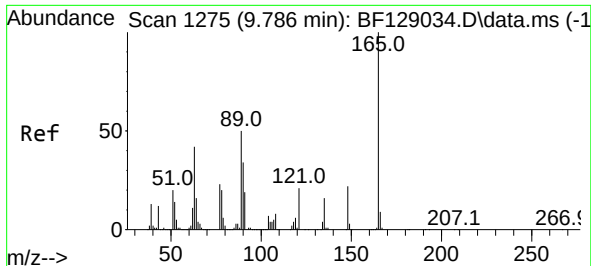
Tgt Ion:330 Resp: 1171173
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 29.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 85.613 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

Tgt Ion:172 Resp: 4031097
Ion Ratio Lower Upper
172 100
171 40.4 28.8 43.2
170 27.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 11.009 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF129075.D

Acq: 30 Jun 2022 23:31

Instrument :

BNA_F

ClientSampleId :

B2206-29

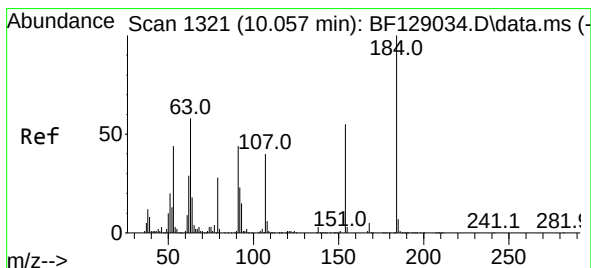
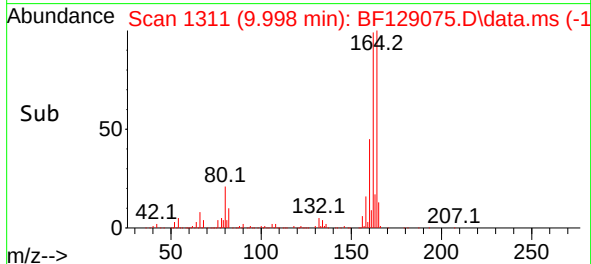
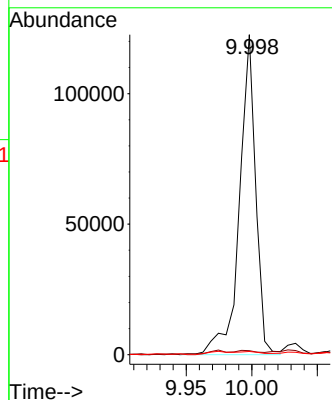
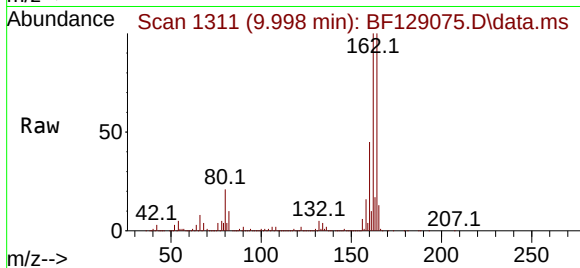
Tgt Ion:165 Resp: 106011

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.0 43.6 65.4#



#54

2,4-Dinitrophenol

Concen: 6.948 ng

RT: 10.292 min Scan# 1361

Delta R.T. 0.235 min

Lab File: BF129075.D

Acq: 30 Jun 2022 23:31

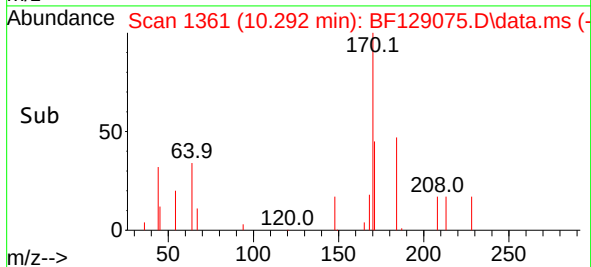
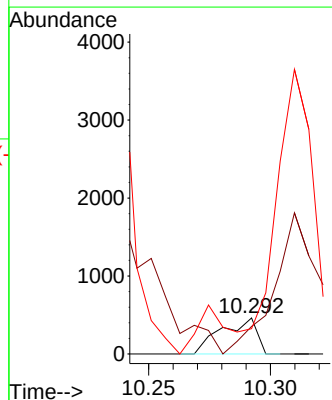
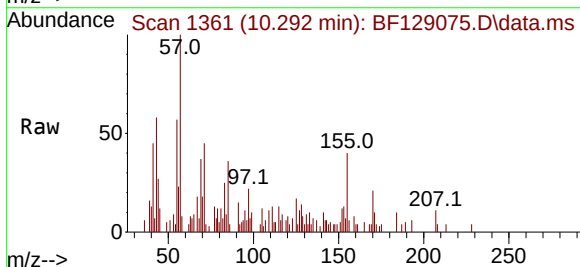
Tgt Ion:184 Resp: 468

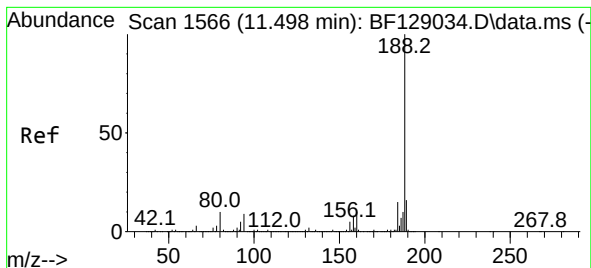
Ion Ratio Lower Upper

184 100

63 76.8 64.5 96.7

154 70.3 50.6 75.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129075.D

Acq: 30 Jun 2022 23:31

Instrument :

BNA_F

ClientSampleId :

B2206-29

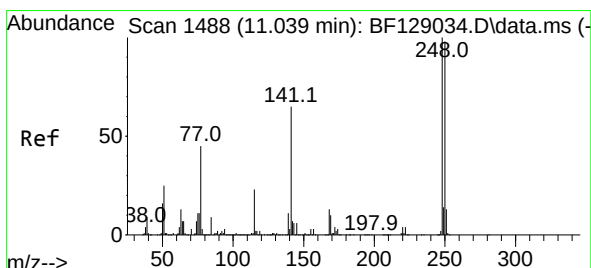
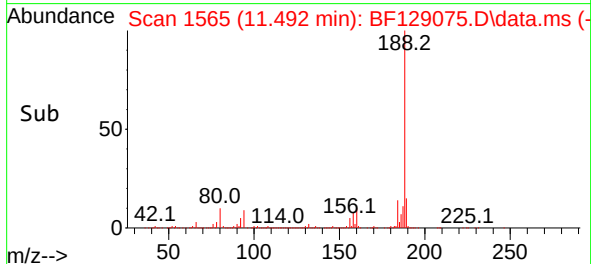
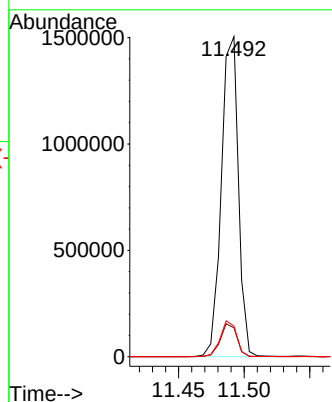
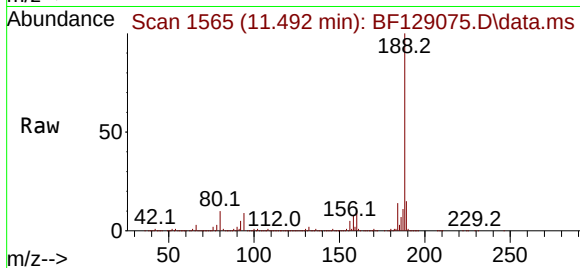
Tgt Ion:188 Resp: 1358626

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 9.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.992 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129075.D

Acq: 30 Jun 2022 23:31

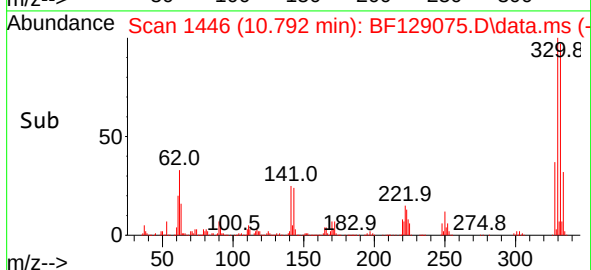
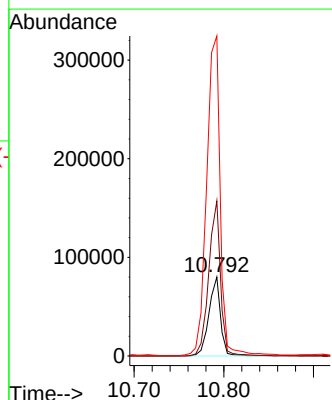
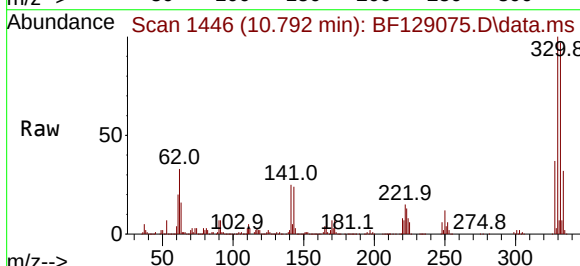
Tgt Ion:248 Resp: 72149

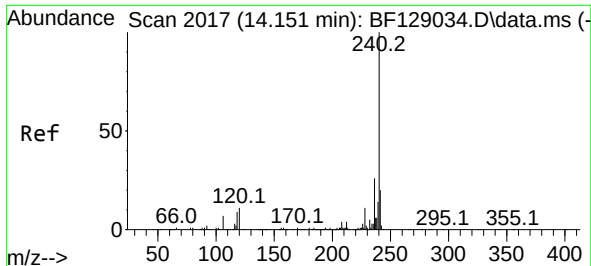
Ion Ratio Lower Upper

248 100

250 196.7 80.6 120.8#

141 405.9 58.9 88.3#

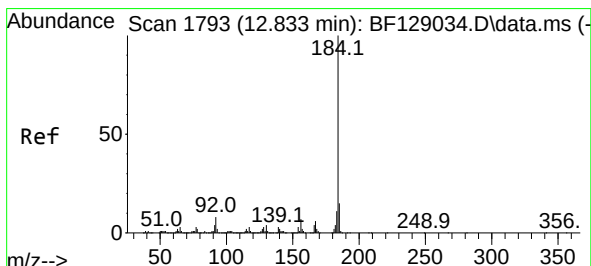
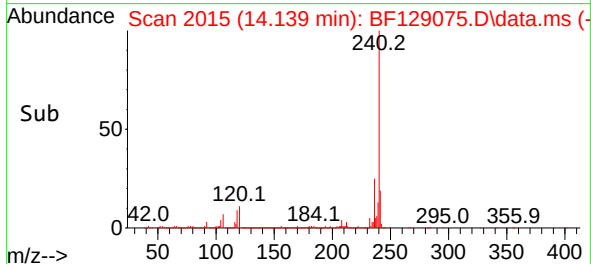
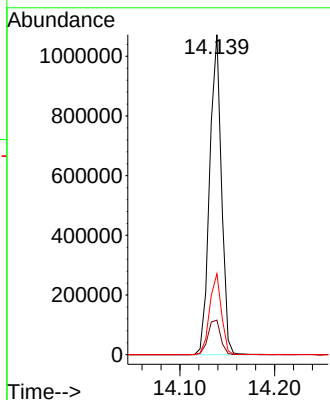
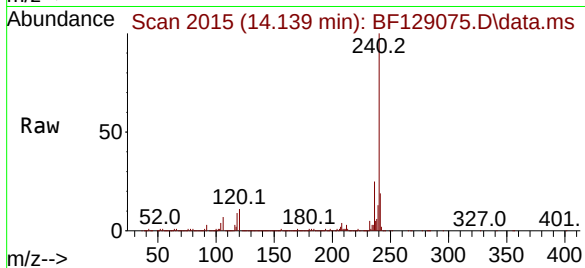




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

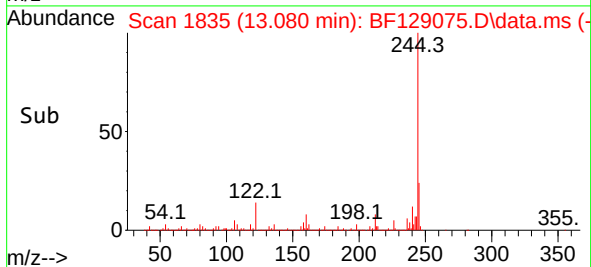
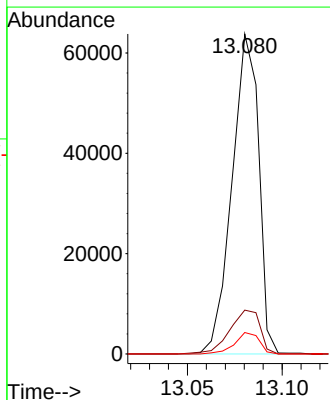
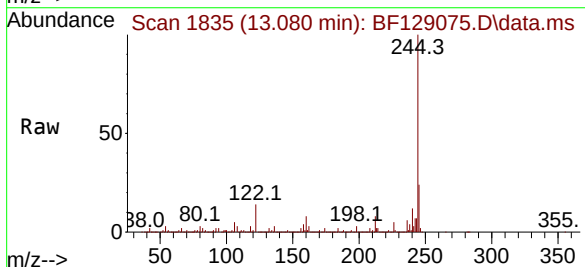
Instrument :
BNA_F
ClientSampleId :
B2206-29

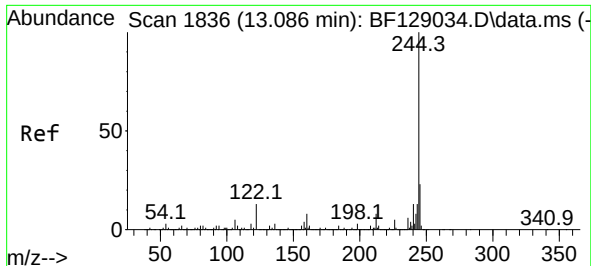
Tgt Ion:240 Resp: 921572
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.3 20.8 31.2



#77
Benzidine
Concen: 3.801 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129075.D
Acq: 30 Jun 2022 23:31

Tgt Ion:184 Resp: 62373
Ion Ratio Lower Upper
184 100
185 13.7 11.9 17.9
183 6.7 9.3 13.9#

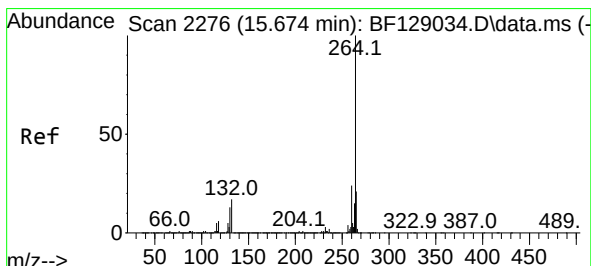
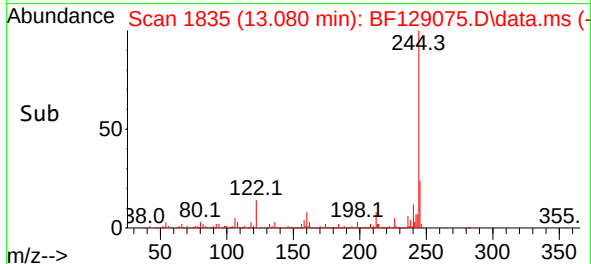
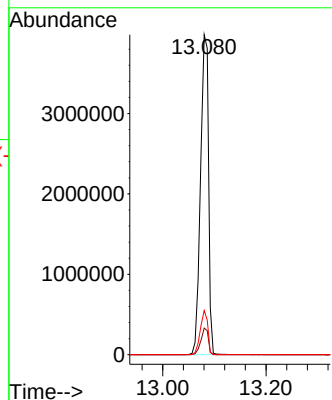
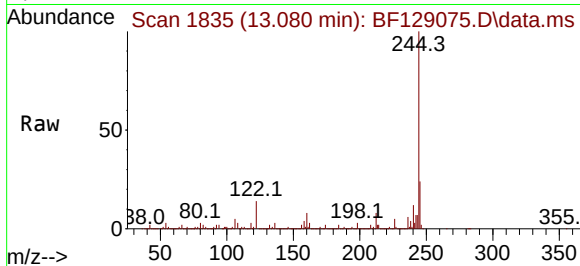




#79
 Terphenyl-d14
 Concen: 96.380 ng
 RT: 13.080 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF129075.D
 Acq: 30 Jun 2022 23:31

Instrument :
 BNA_F
 ClientSampleId :
 B2206-29

Tgt Ion:244 Resp: 4277197
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.1 9.1
 122 13.8 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129075.D
 Acq: 30 Jun 2022 23:31

Tgt Ion:264 Resp: 745364
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.7 17.2 25.8

