

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129089.D
 Acq On : 01 Jul 2022 13:28
 Operator : CG\JU
 Sample : N3434-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2205-30DL

Quant Time: Jul 02 01:24:58 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)

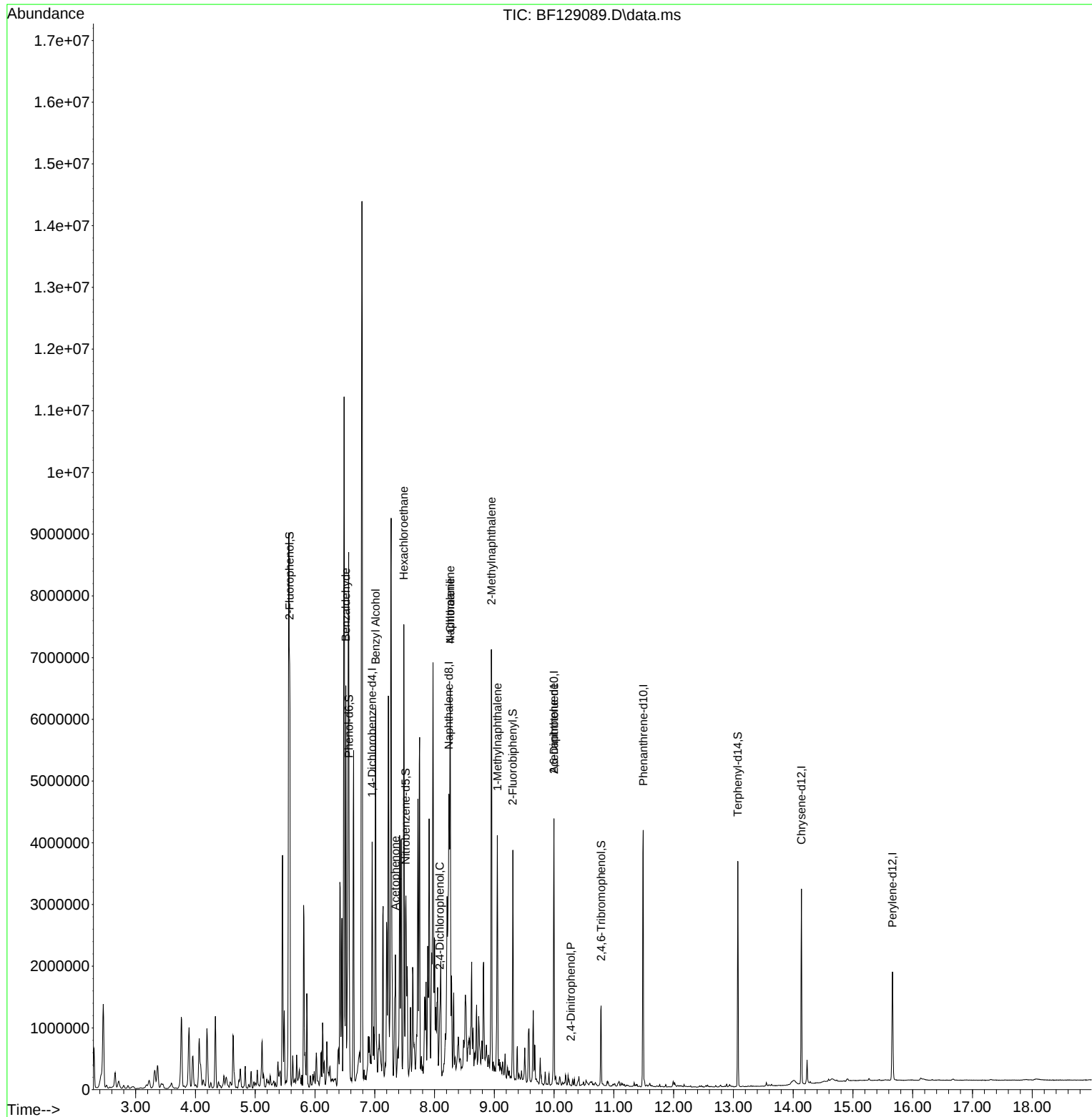
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	424796	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1599864	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	867672	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1551584	20.000	ng	0.00
76) Chrysene-d12	14.139	240	994141	20.000	ng	-0.01
86) Perylene-d12	15.662	264	796046	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	565161	22.493	ng	-0.01
7) Phenol-d6	6.569	99	827059	26.503	ng	-0.02
23) Nitrobenzene-d5	7.516	82	539095	20.099	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	170916	18.116	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1073398	19.791	ng	-0.01
79) Terphenyl-d14	13.074	244	1127925	23.561	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	230773	12.322	ng	# 1
15) Benzyl Alcohol	7.016	79	167715	7.640	ng	# 4
18) Hexachloroethane	7.486	117	379489	36.878	ng	# 1
22) Acetophenone	7.345	105	713229	19.434	ng	# 55
29) 2,4-Dichlorophenol	8.086	162	62130	2.797	ng	# 27
31) Naphthalene	8.263	128	2255324	31.052	ng	# 98
33) 4-Chloroaniline	8.263	127	313803	10.722	ng	# 34
37) 2-Methylnaphthalene	8.951	142	2031522	41.568	ng	# 99
38) 1-Methylnaphthalene	9.051	142	982963	20.711	ng	# 98
51) 2,6-Dinitrotoluene	9.998	165	119377	10.762	ng	# 25
54) 2,4-Dinitrophenol	10.280	184	464	6.937	ng	# 69

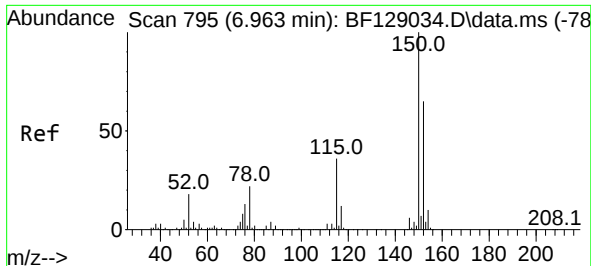
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129089.D
Acq On : 01 Jul 2022 13:28
Operator : CG\JU
Sample : N3434-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2205-30DL

Quant Time: Jul 02 01:24:58 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

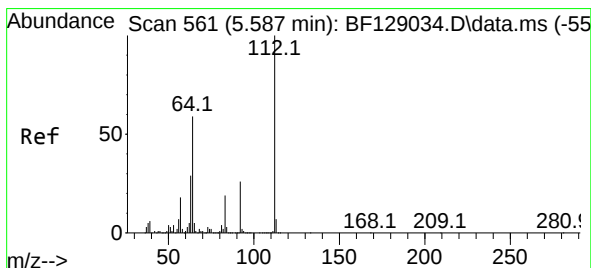
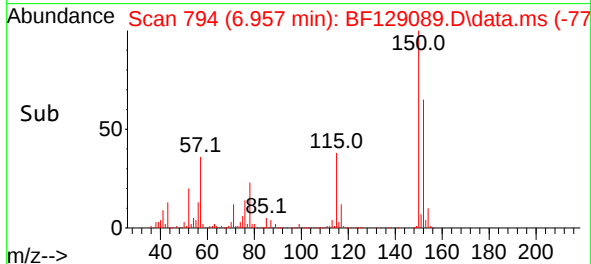
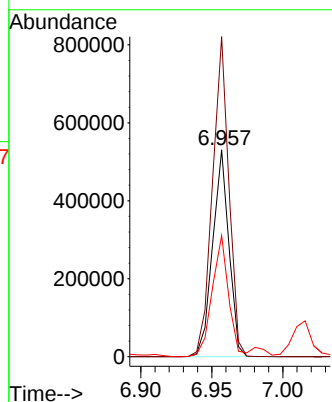
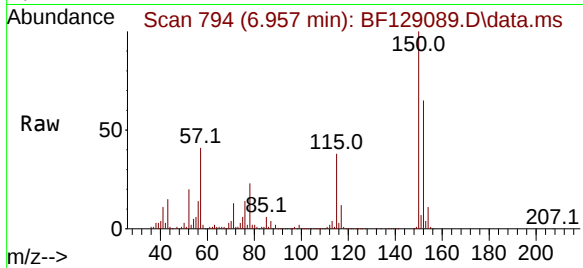




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

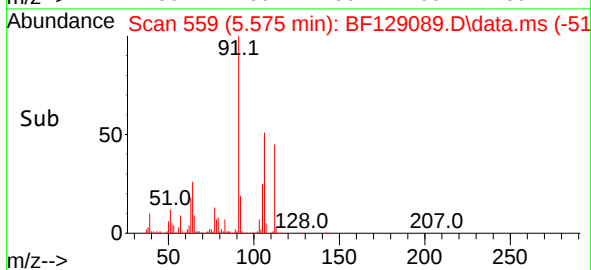
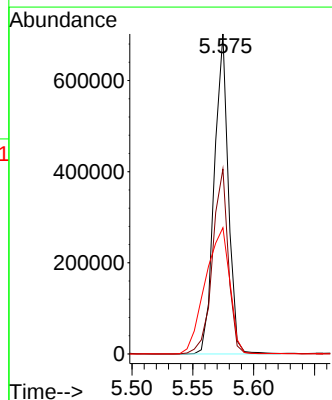
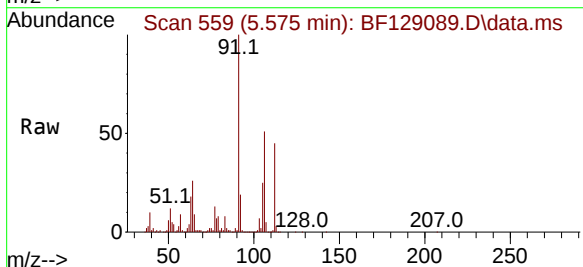
Instrument :
BNA_F
ClientSampleId :
B2205-30DL

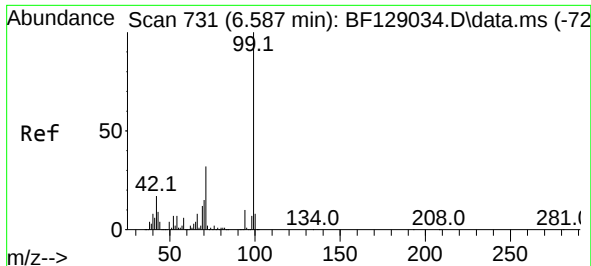
Tgt Ion:152 Resp: 424796
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 58.6 49.9 74.9



#5
2-Fluorophenol
Concen: 22.493 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Tgt Ion:112 Resp: 565161
Ion Ratio Lower Upper
112 100
64 57.8 53.3 79.9
63 39.4 28.0 42.0

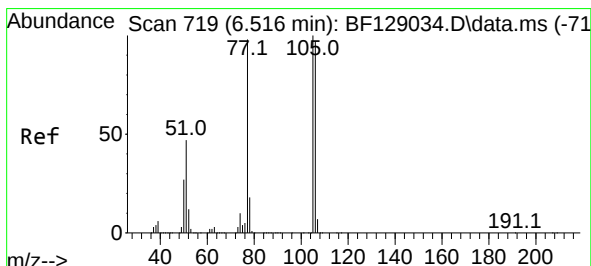
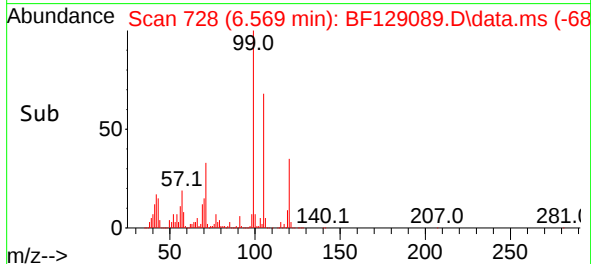
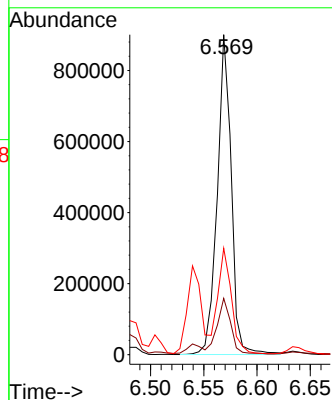
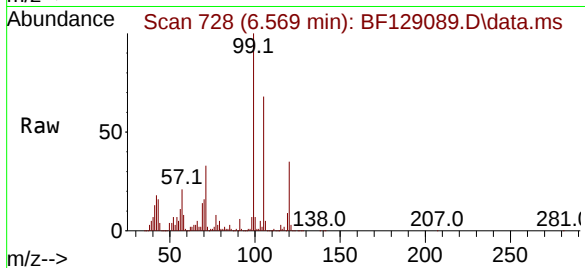




#7
Phenol-d6
Concen: 26.503 ng
RT: 6.569 min Scan# 719
Delta R.T. -0.018 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

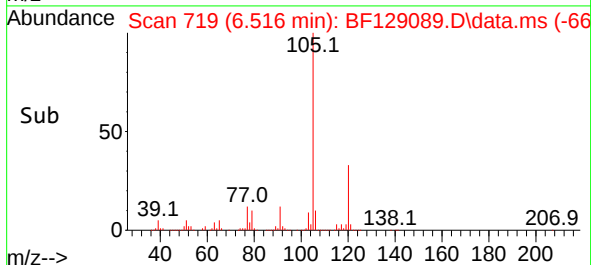
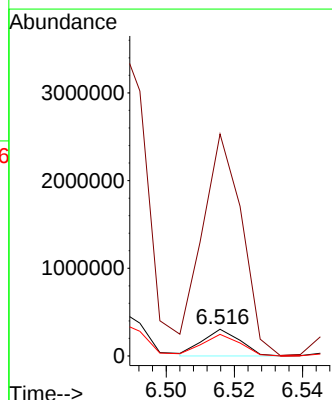
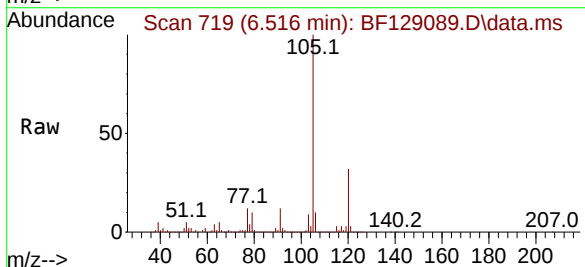
Instrument :
BNA_F
ClientSampleId :
B2205-30DL

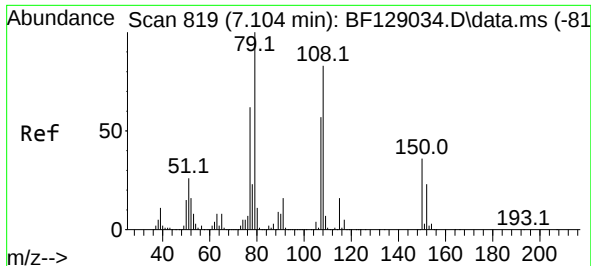
Tgt Ion: 99 Resp: 827059
Ion Ratio Lower Upper
99 100
42 17.6 17.3 25.9
71 33.3 28.9 43.3



#9
Benzaldehyde
Concen: 12.322 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Tgt Ion: 77 Resp: 230773
Ion Ratio Lower Upper
77 100
105 832.8 81.6 121.6#
106 81.0 76.1 116.1

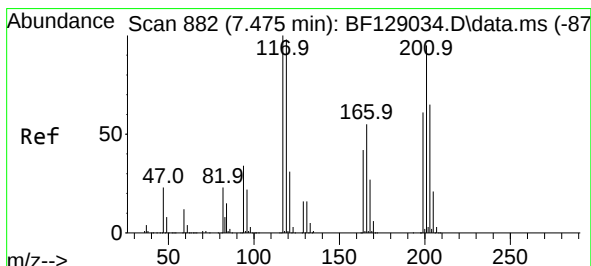
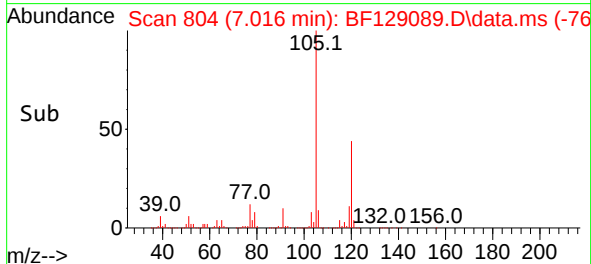
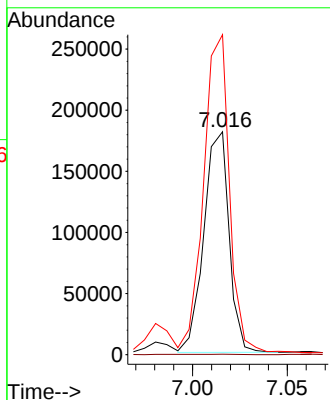
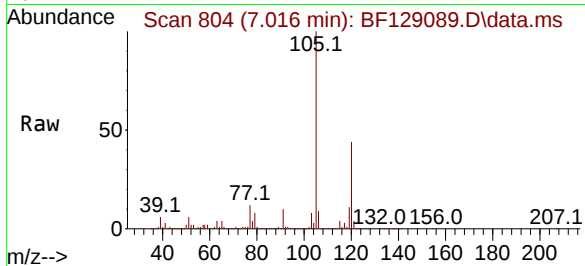




#15
Benzyl Alcohol
Concen: 7.640 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.089 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

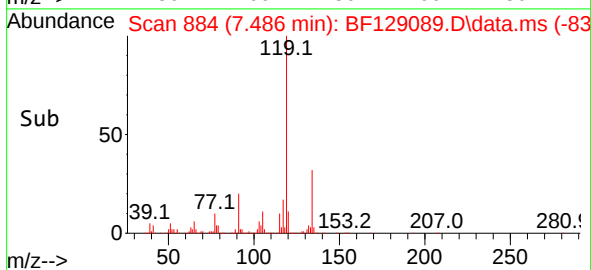
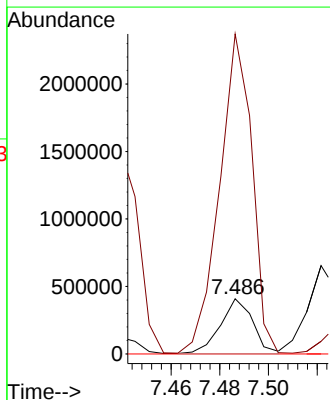
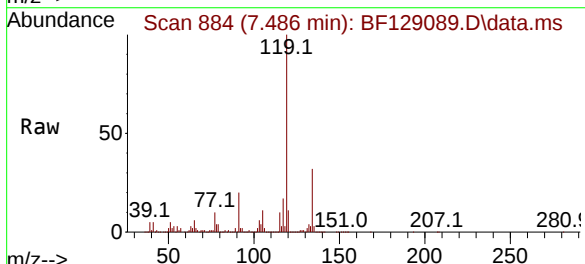
Instrument :
BNA_F
ClientSampleId :
B2205-30DL

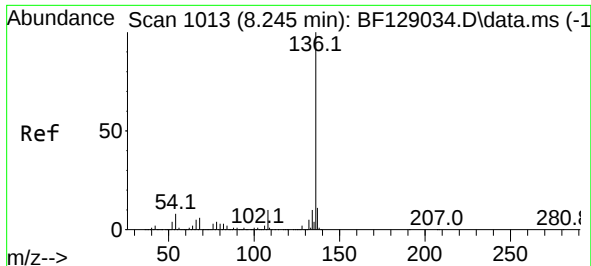
Tgt Ion: 79 Resp: 167715
Ion Ratio Lower Upper
79 100
108 0.2 61.8 92.6#
77 143.6 50.2 75.4#



#18
Hexachloroethane
Concen: 36.878 ng
RT: 7.486 min Scan# 884
Delta R.T. 0.011 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

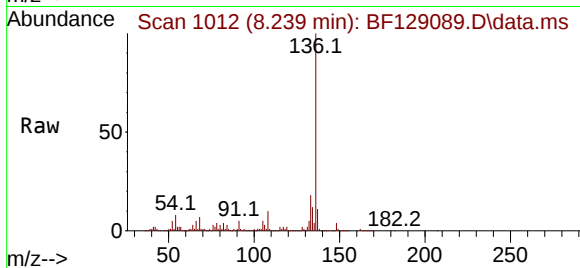
Tgt Ion: 117 Resp: 379489
Ion Ratio Lower Upper
117 100
119 580.3 77.4 116.2#
201 0.0 84.6 127.0#



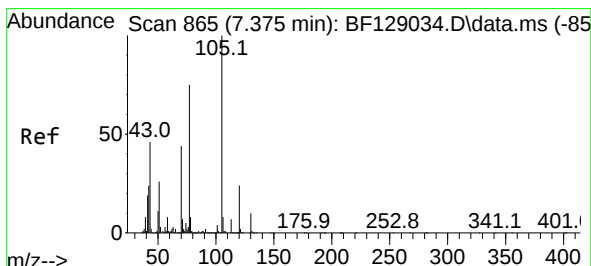
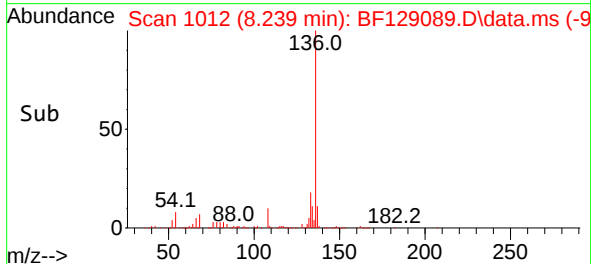
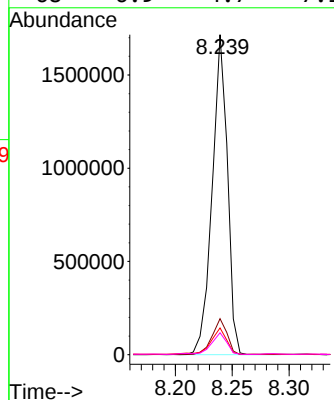


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Instrument :
BNA_F
ClientSampleId :
B2205-30DL

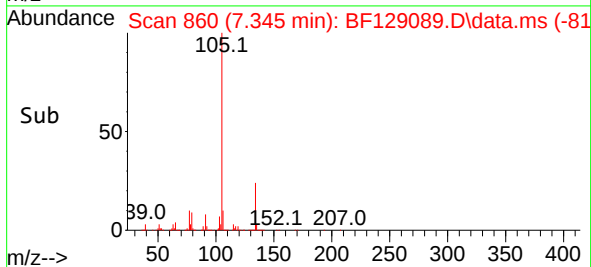
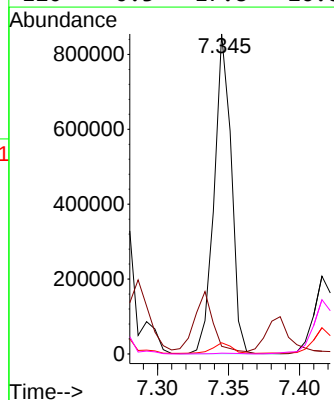
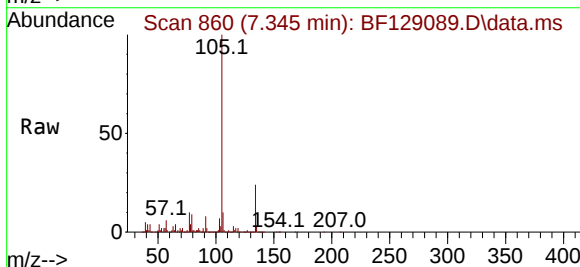


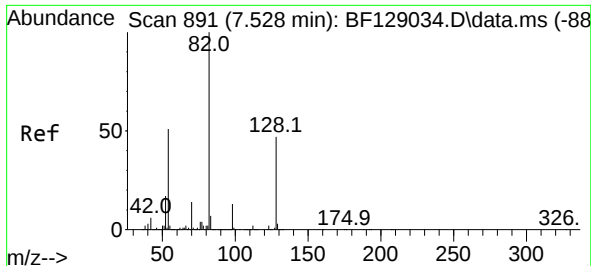
Tgt Ion:136 Resp: 1599864
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.4 7.5 11.3
68 6.9 4.7 7.1



#22
Acetophenone
Concen: 19.434 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.030 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Tgt Ion:105 Resp: 713229
Ion Ratio Lower Upper
105 100
71 2.4 5.0 7.4#
51 3.5 25.0 37.4#
120 0.3 17.8 26.8#





#23

Nitrobenzene-d5

Concen: 20.099 ng

RT: 7.516 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

Instrument :

BNA_F

ClientSampleId :

B2205-30DL

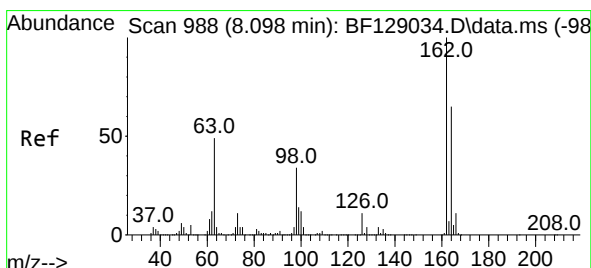
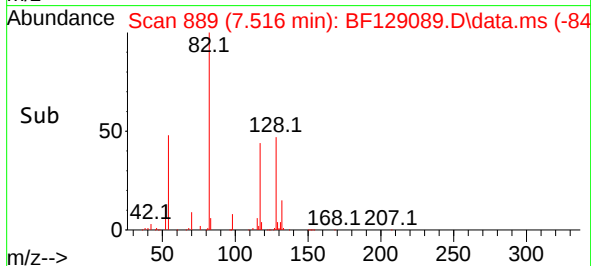
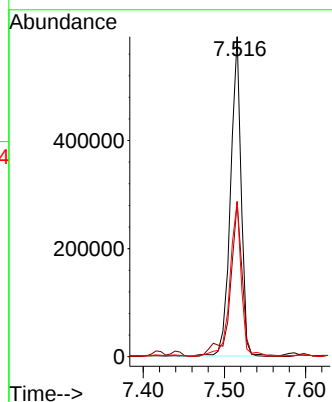
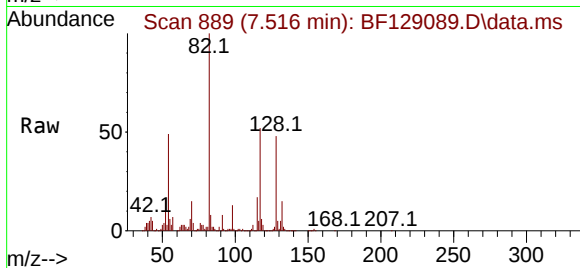
Tgt Ion: 82 Resp: 539095

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

54 48.6 46.9 70.3



#29

2,4-Dichlorophenol

Concen: 2.797 ng

RT: 8.086 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

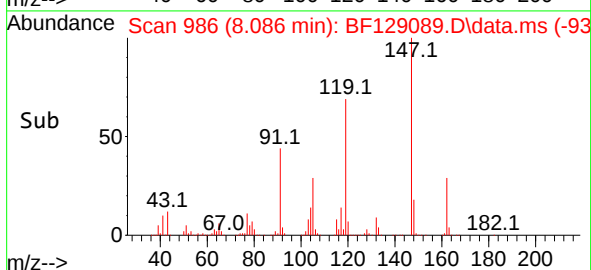
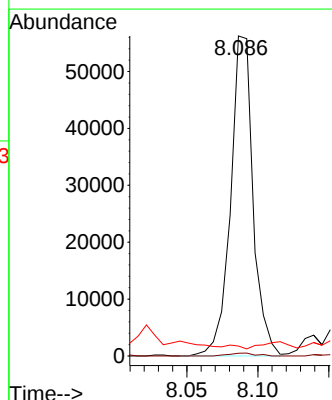
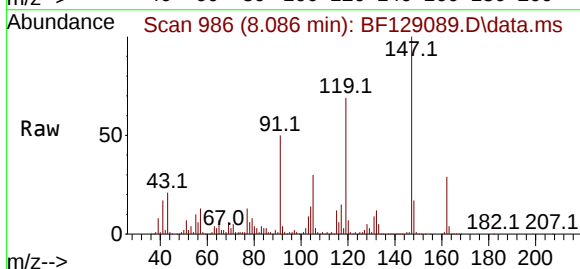
Tgt Ion: 162 Resp: 62130

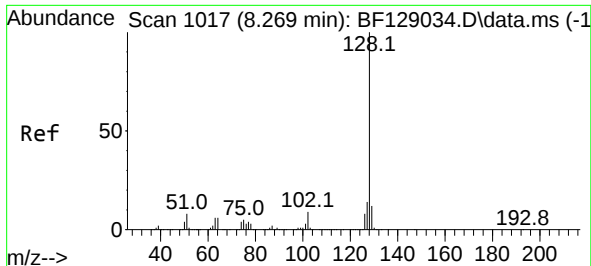
Ion Ratio Lower Upper

162 100

164 0.9 44.2 84.2#

98 3.1 19.6 59.6#

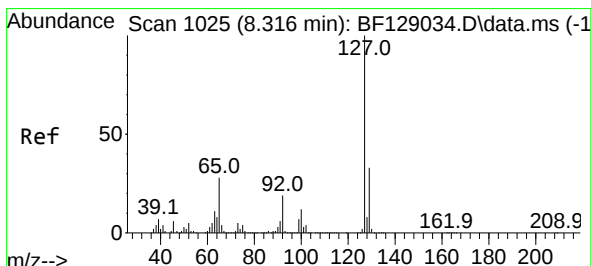
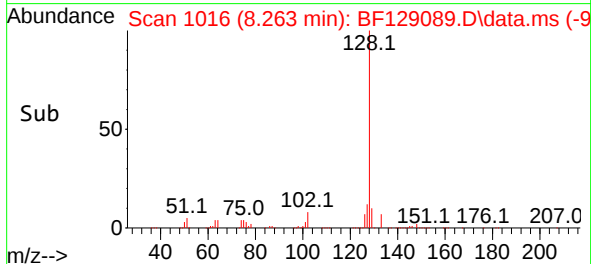
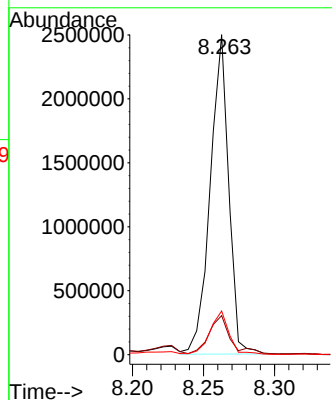
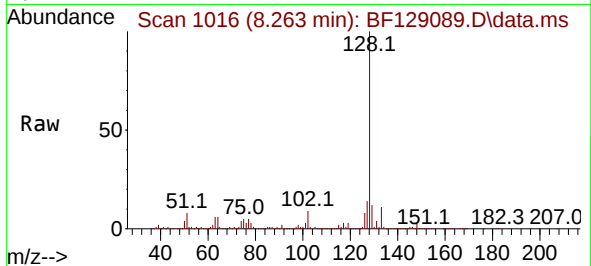




#31
Naphthalene
Concen: 31.052 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

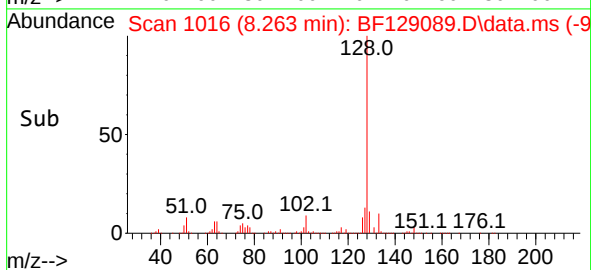
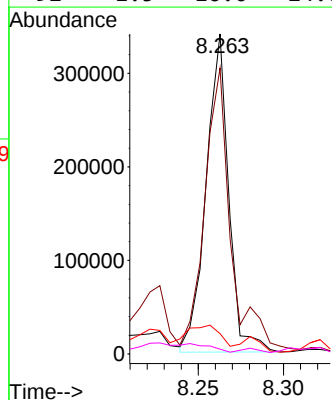
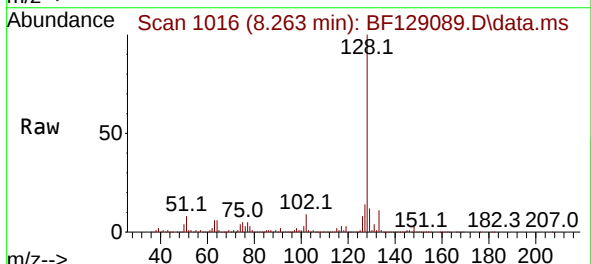
Instrument :
BNA_F
ClientSampleId :
B2205-30DL

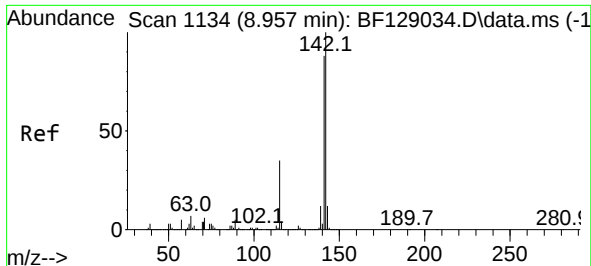
Tgt Ion:128 Resp: 2255324
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.7 10.5 15.7



#33
4-Chloroaniline
Concen: 10.722 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.053 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Tgt Ion:127 Resp: 313803
Ion Ratio Lower Upper
127 100
129 89.4 26.4 39.6#
65 6.3 26.4 39.6#
92 1.5 16.0 24.0#

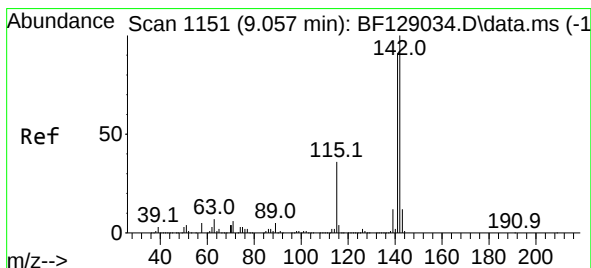
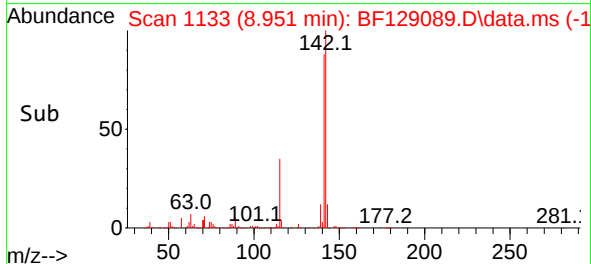
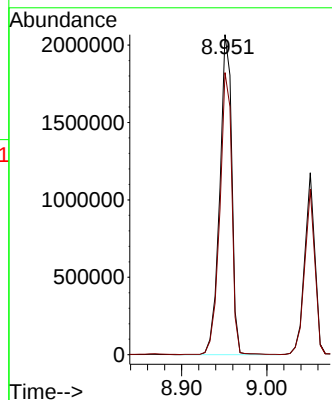
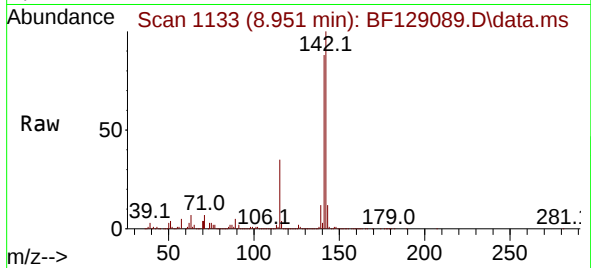




#37
2-Methylnaphthalene
Concen: 41.568 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

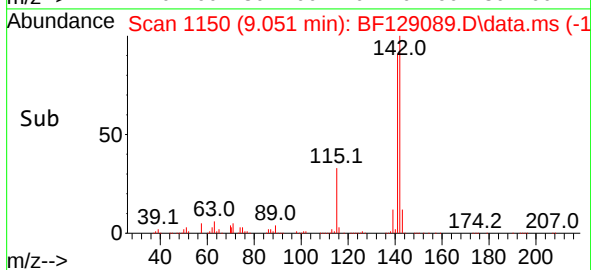
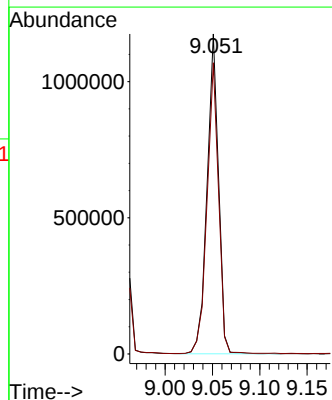
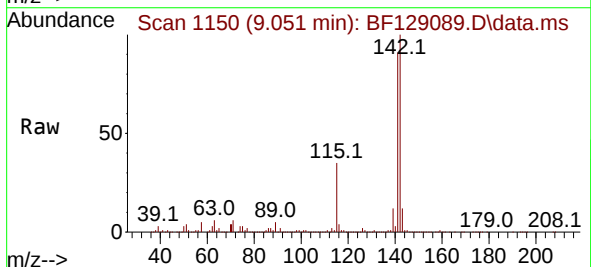
Instrument :
BNA_F
ClientSampleId :
B2205-30DL

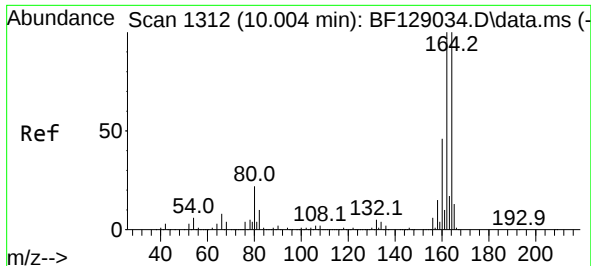
Tgt Ion:142 Resp: 2031522
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.4



#38
1-Methylnaphthalene
Concen: 20.711 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Tgt Ion:142 Resp: 982963
Ion Ratio Lower Upper
142 100
141 91.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

Instrument :

BNA_F

ClientSampleId :

B2205-30DL

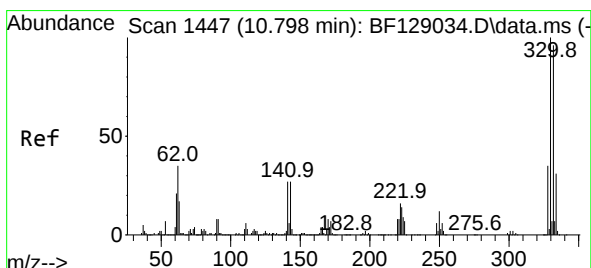
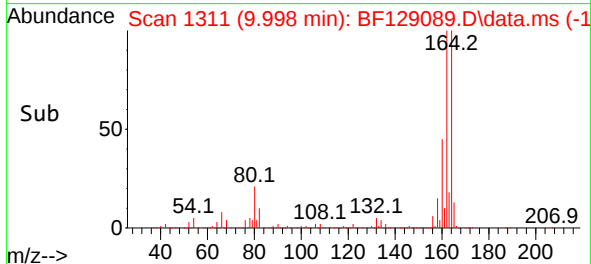
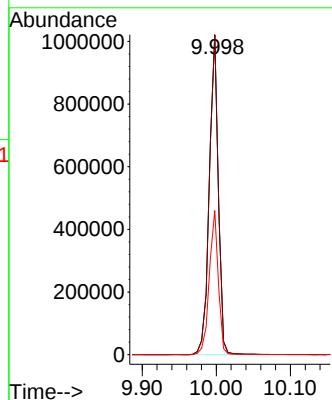
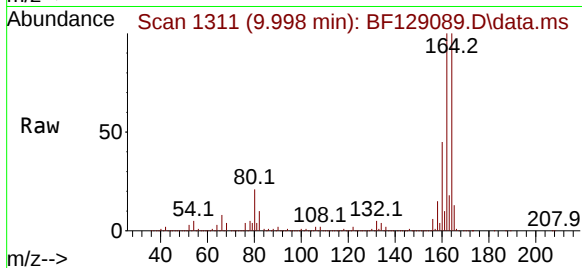
Tgt Ion:164 Resp: 867672

Ion Ratio Lower Upper

164 100

162 99.9 79.5 119.3

160 45.1 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 18.116 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

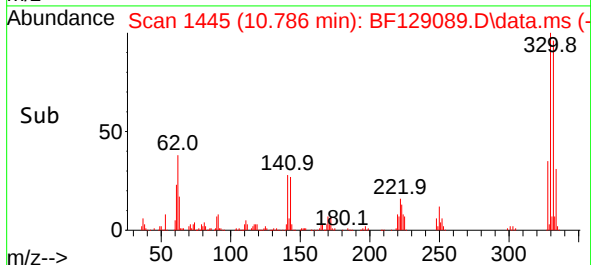
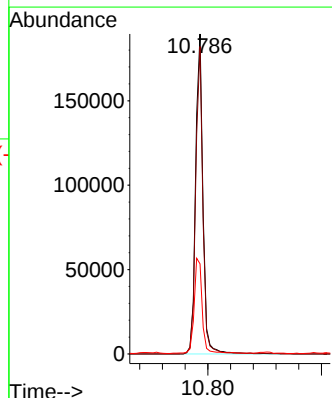
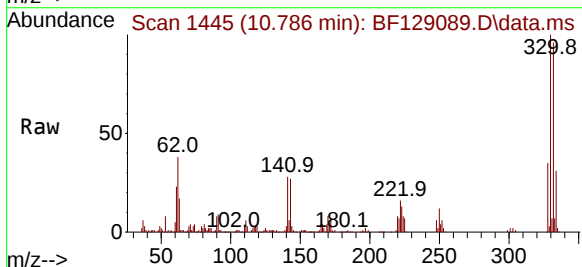
Tgt Ion:330 Resp: 170916

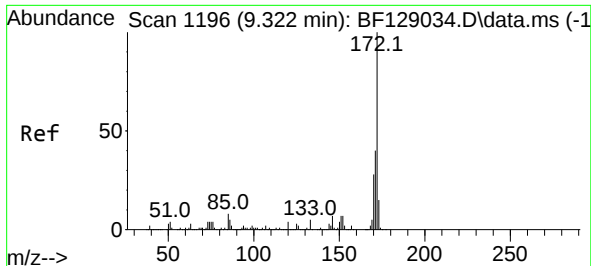
Ion Ratio Lower Upper

330 100

332 93.7 76.8 115.2

141 32.8 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 19.791 ng

RT: 9.310 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

Instrument :

BNA_F

ClientSampleId :

B2205-30DL

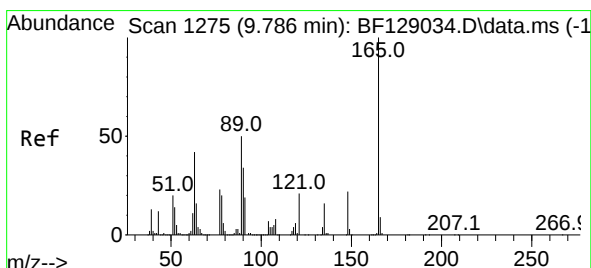
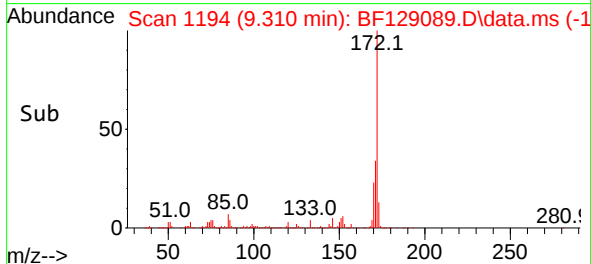
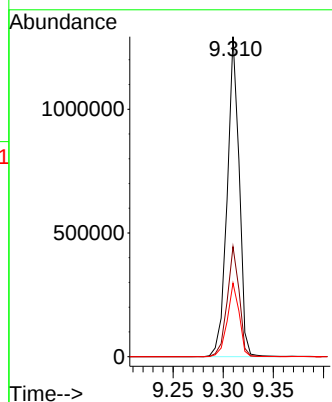
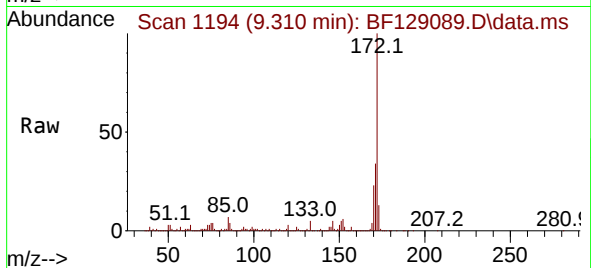
Tgt Ion:172 Resp: 1073398

Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.0 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 10.762 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.211 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

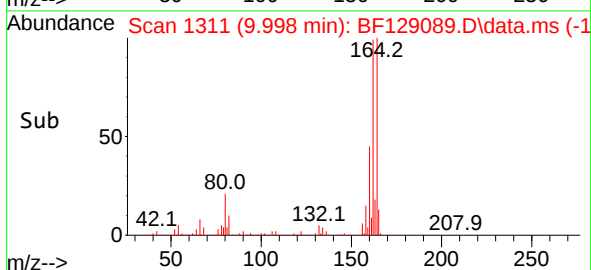
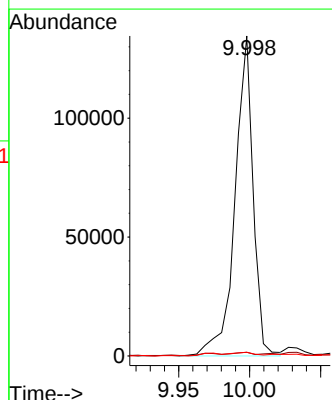
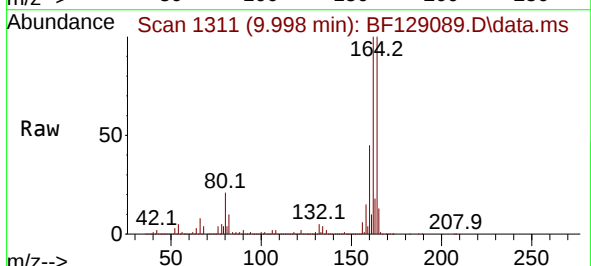
Tgt Ion:165 Resp: 119377

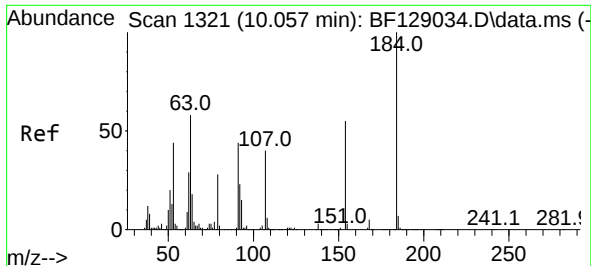
Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.2 43.6 65.4#

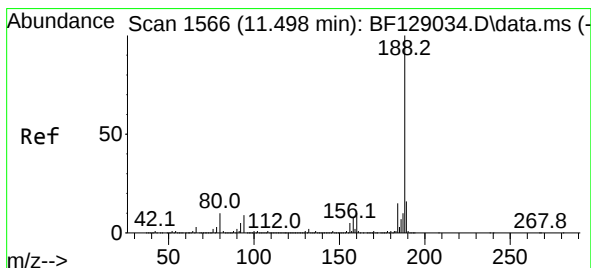
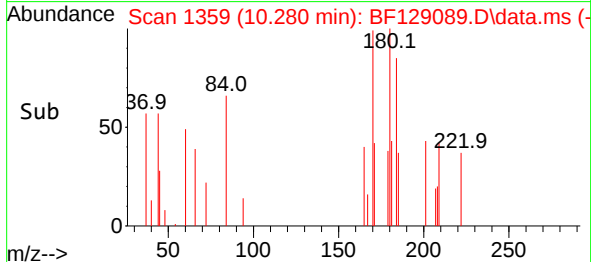
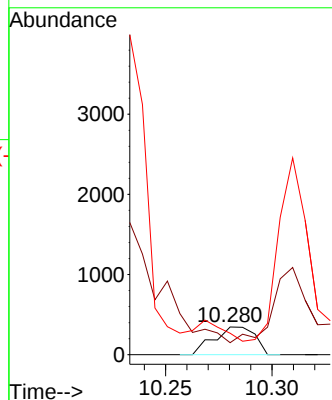
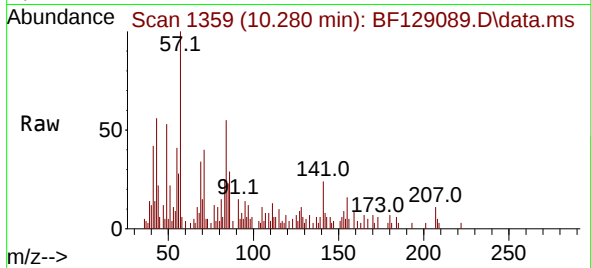




#54
2,4-Dinitrophenol
Concen: 6.937 ng
RT: 10.280 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

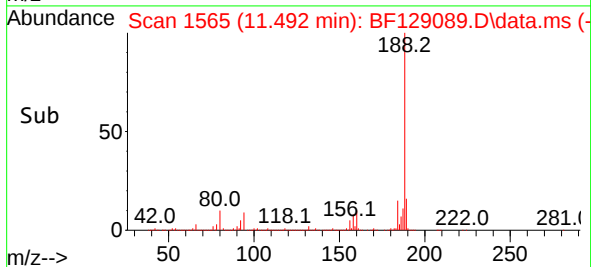
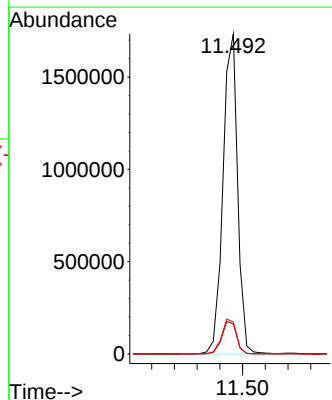
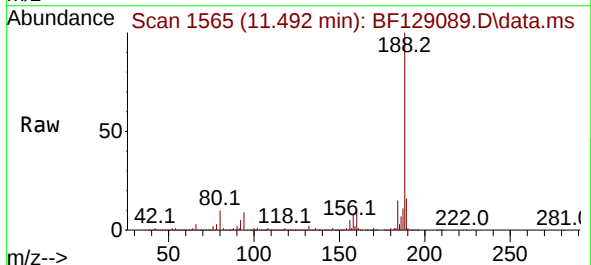
Instrument :
BNA_F
ClientSampleId :
B2205-30DL

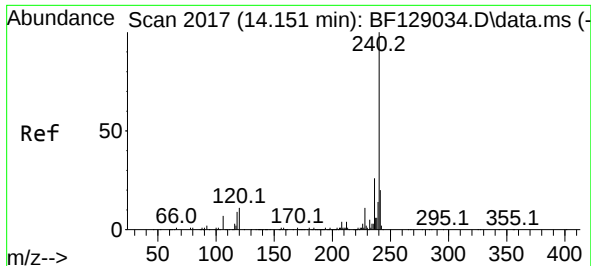
Tgt Ion:184 Resp: 464
Ion Ratio Lower Upper
184 100
63 43.4 64.5 96.7#
154 77.2 50.6 75.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Tgt Ion:188 Resp: 1551584
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.0 7.6 11.4

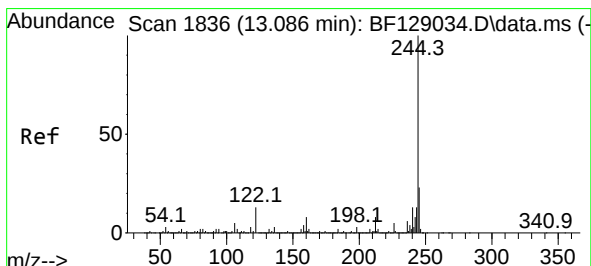
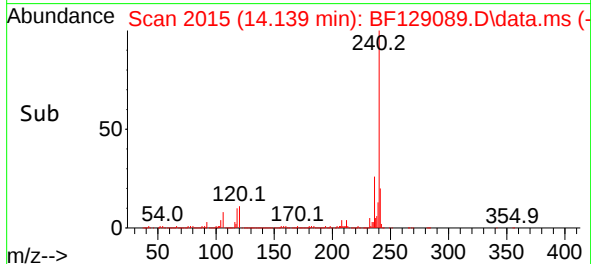
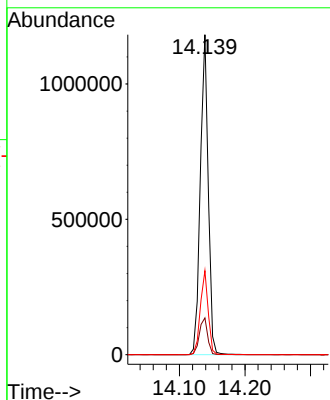
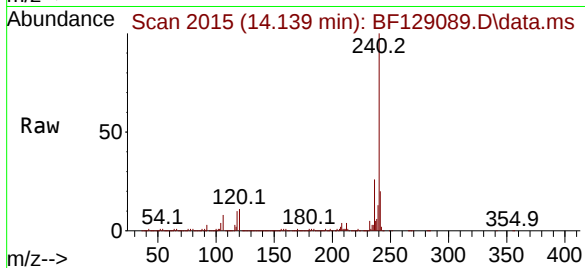




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

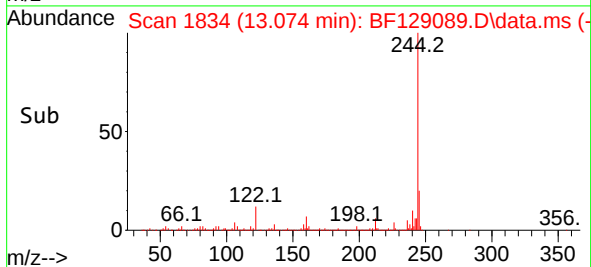
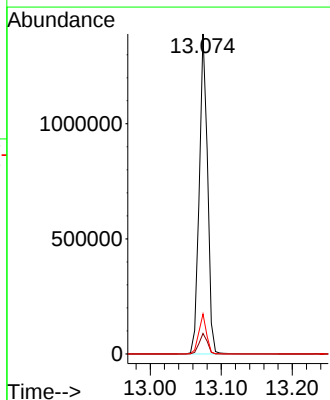
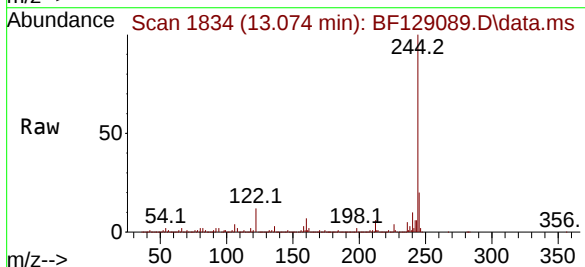
Instrument :
BNA_F
ClientSampleId :
B2205-30DL

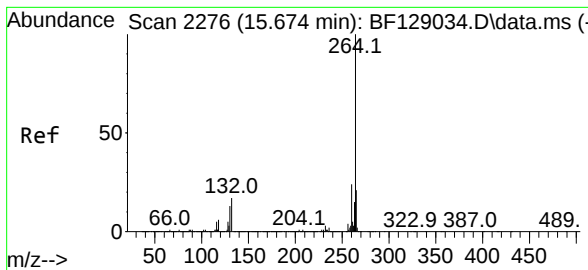
Tgt Ion:240 Resp: 994141
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 23.561 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Tgt Ion:244 Resp: 1127925
Ion Ratio Lower Upper
244 100
212 6.4 6.1 9.1
122 12.5 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: BF129089.D
 Acq: 01 Jul 2022 13:28

Instrument :
 BNA_F
 ClientSampleId :
 B2205-30DL

Tgt Ion:264 Resp: 796046
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.4 17.2 25.8

