

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
 Data File : BF129176.D
 Acq On : 08 Jul 2022 15:37
 Operator : CG\JU
 Sample : N3622-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220497A-SIM-C3A-COMPOSITE

Quant Time: Jul 08 23:24:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 23:22:06 2022
 Response via : Initial Calibration

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

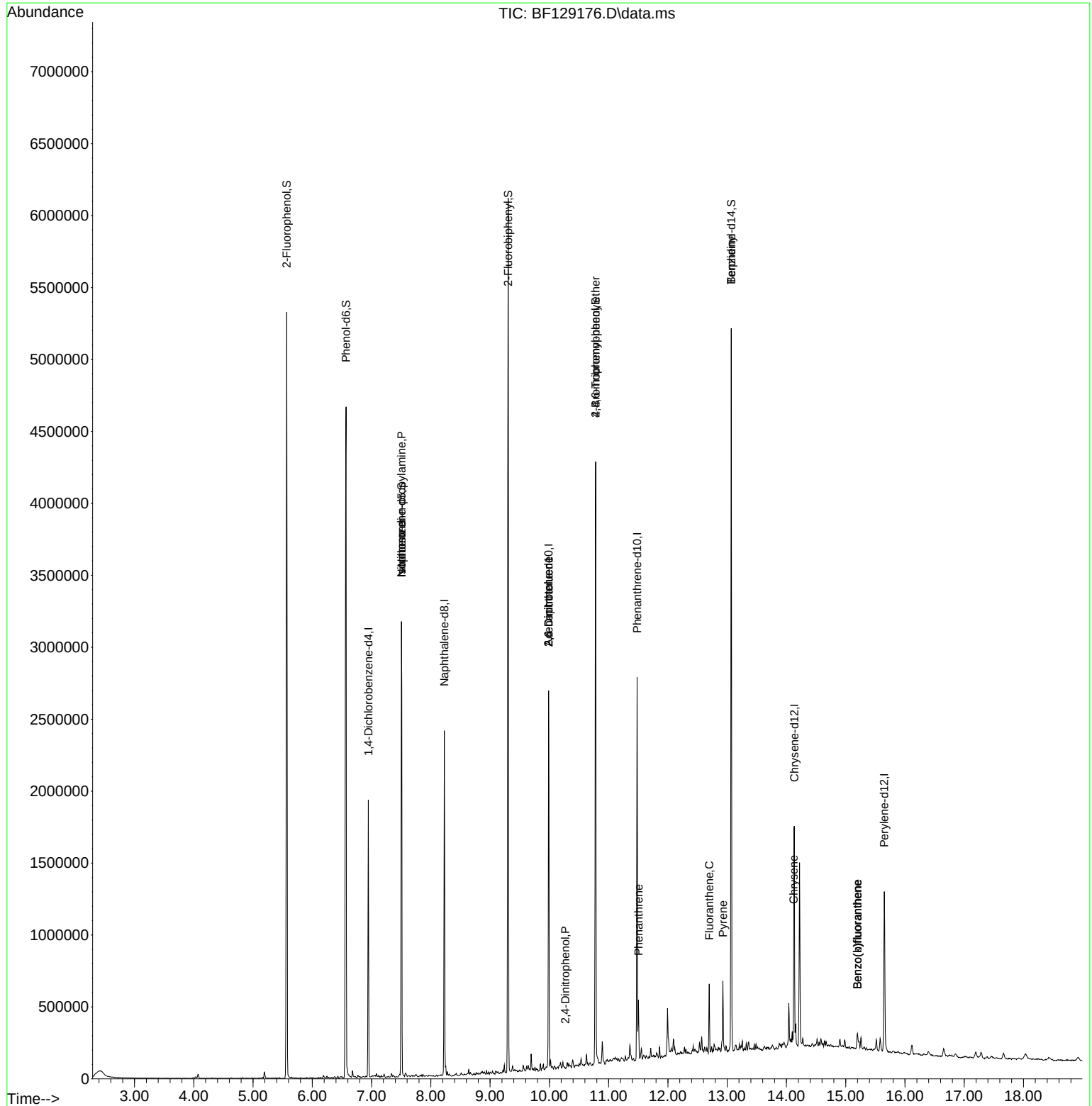
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	258413	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	987828	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	512658	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	877798	20.000	ng	0.00
76) Chrysene-d12	14.133	240	536983	20.000	ng	0.00
86) Perylene-d12	15.651	264	478670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1458328	95.409	ng	0.00
7) Phenol-d6	6.569	99	1810640	95.380	ng	0.00
23) Nitrobenzene-d5	7.504	82	1054674	63.683	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	522732	93.774	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1765988	55.109	ng	0.00
79) Terphenyl-d14	13.069	244	1573885	60.866	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	374	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.504	70	138169	12.582	ng	# 72
25) Isophorone	7.504	82	1055120	37.697	ng	# 65
51) 2,6-Dinitrotoluene	9.986	165	68809	10.499	ng	# 25
54) 2,4-Dinitrophenol	10.269	184	224	6.924	ng	# 13
57) 2,4-Dinitrotoluene	9.986	165	68914	8.518	ng	# 21
67) 4-Bromophenyl-phenylether	10.781	248	32377	3.467	ng	# 1
71) Phenanthrene	11.504	178	136801	3.262	ng	99
75) Fluoranthene	12.698	202	170074	3.877	ng	98
77) Benzidine	13.069	184	20957	2.192	ng	# 92
78) Pyrene	12.927	202	184532	4.958	ng	96
83) Chrysene	14.121	228	62227	2.044	ng	97
88) Benzo(b)fluoranthene	15.198	252	77379	2.688	ng	# 91
89) Benzo(k)fluoranthene	15.198	252	77379	2.771	ng	# 92

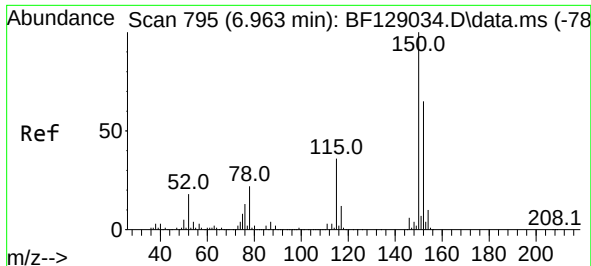
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129176.D
Acq On : 08 Jul 2022 15:37
Operator : CG\JU
Sample : N3622-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE

Quant Time: Jul 08 23:24:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 23:22:06 2022
Response via : Initial Calibration

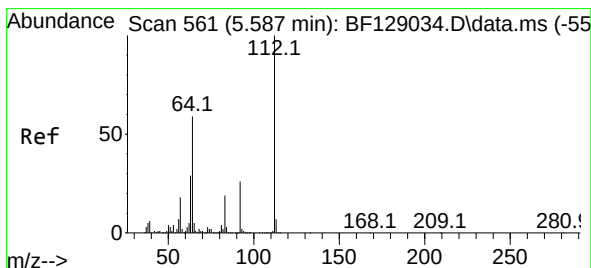
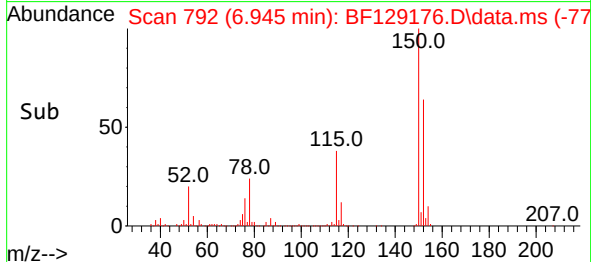
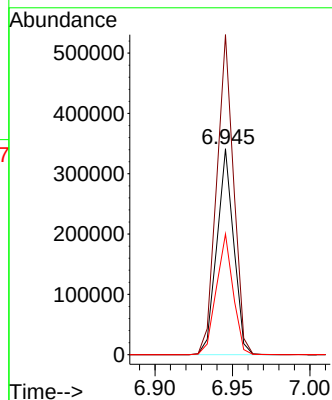
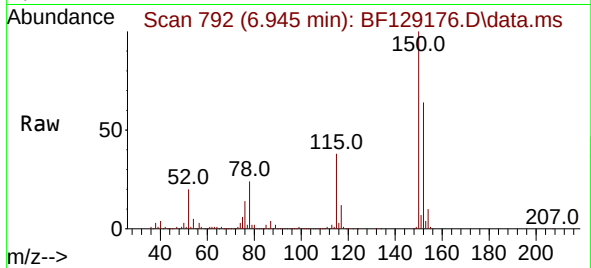




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

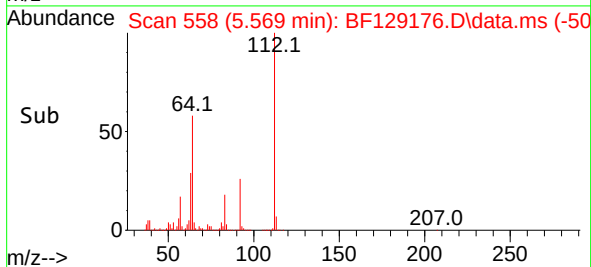
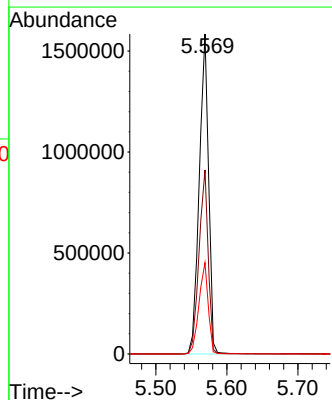
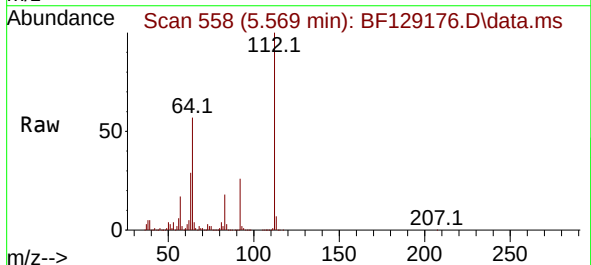
Instrument :
BNA_F
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE

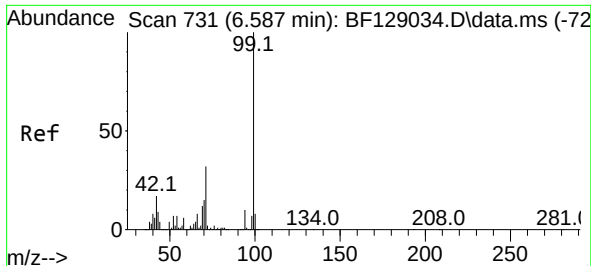
Tgt Ion:152 Resp: 258413
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 58.6 49.9 74.9



#5
2-Fluorophenol
Concen: 95.409 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

Tgt Ion:112 Resp: 1458328
Ion Ratio Lower Upper
112 100
64 57.5 53.3 79.9
63 28.6 28.0 42.0

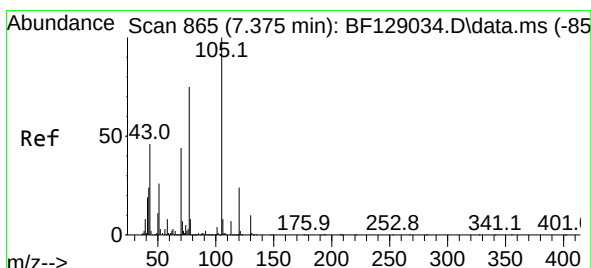
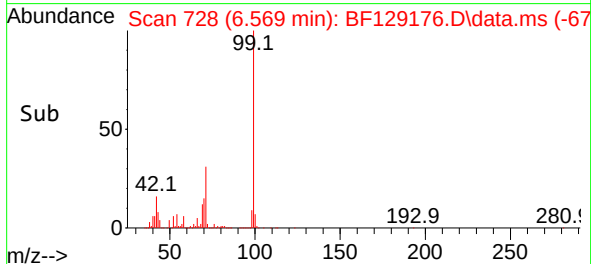
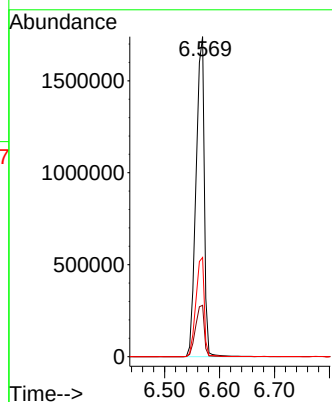
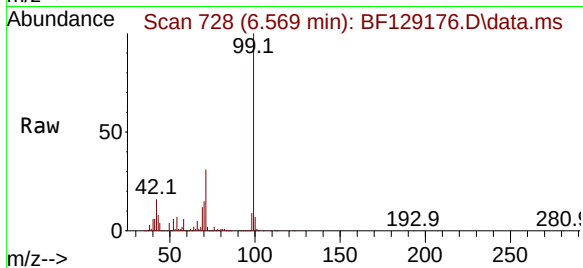




#7
Phenol-d6
Concen: 95.380 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

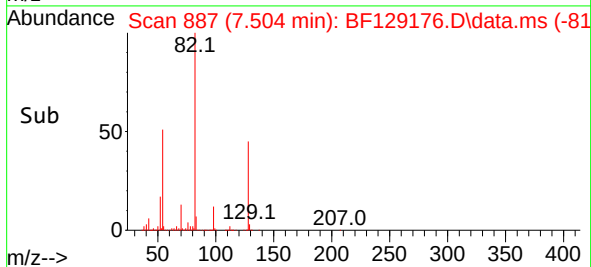
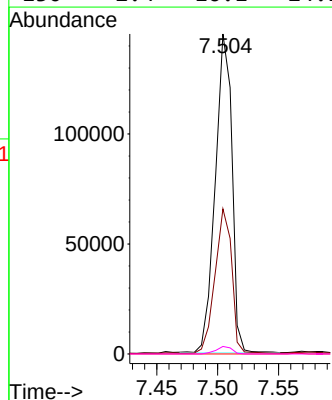
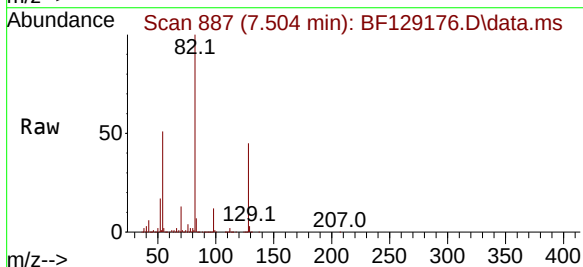
Instrument :
BNA_F
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE

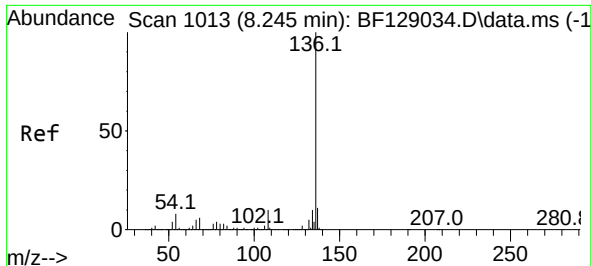
Tgt Ion: 99 Resp: 1810640
Ion Ratio Lower Upper
99 100
42 16.1 17.3 25.9#
71 31.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.582 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

Tgt Ion: 70 Resp: 138169
Ion Ratio Lower Upper
70 100
42 45.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#

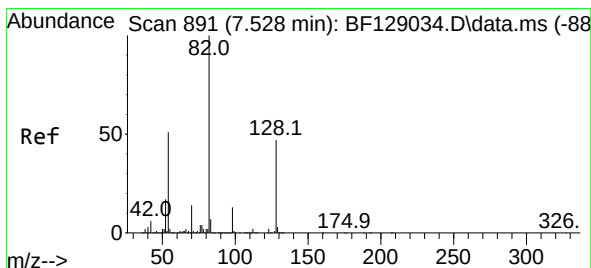
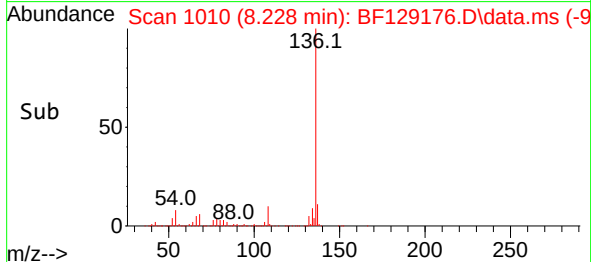
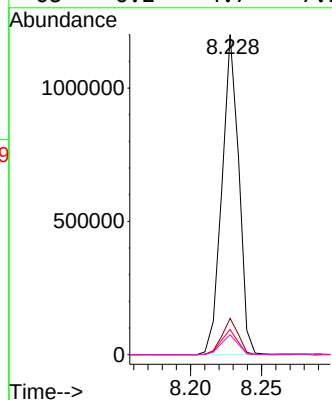
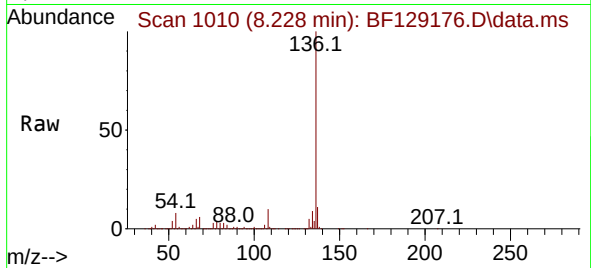




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

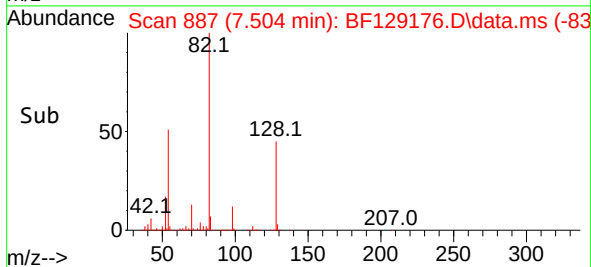
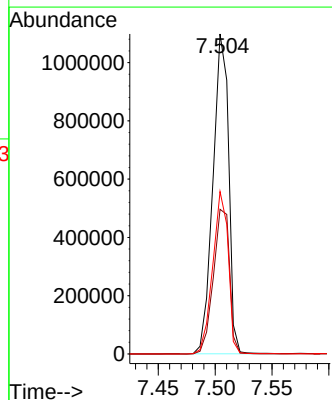
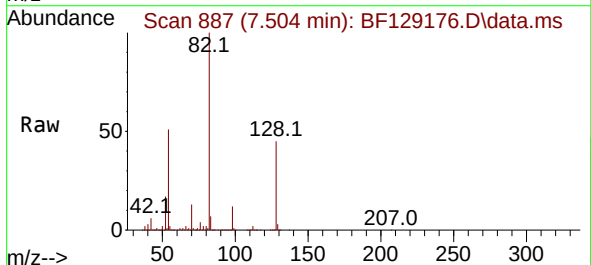
Instrument :
BNA_F
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE

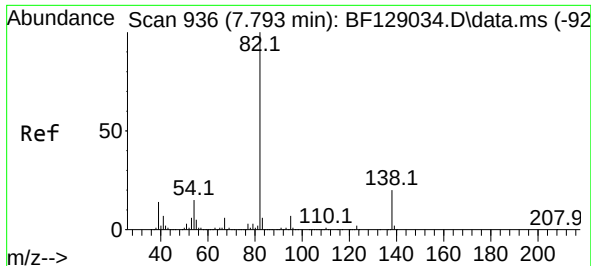
Tgt Ion:136 Resp: 987828
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.9 7.5 11.3
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 63.683 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.011 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

Tgt Ion: 82 Resp: 1054674
Ion Ratio Lower Upper
82 100
128 45.2 34.0 51.0
54 50.8 46.9 70.3

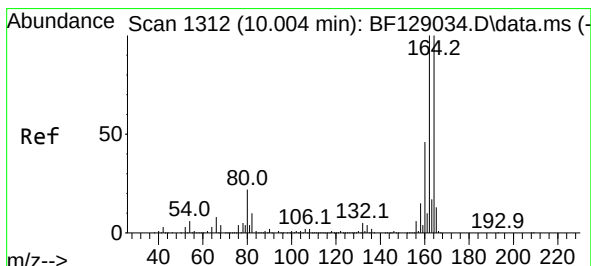
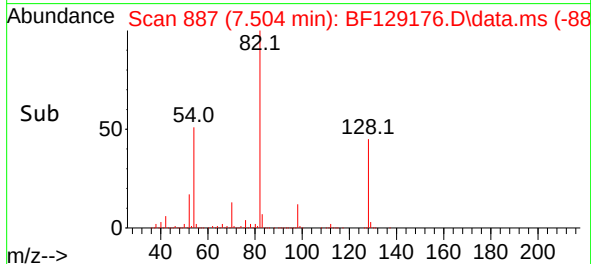
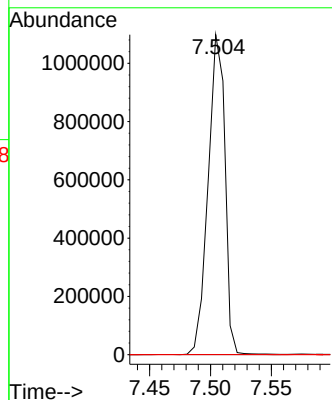
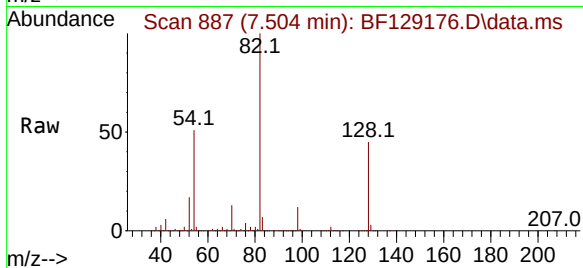




#25
Isophorone
Concen: 37.697 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

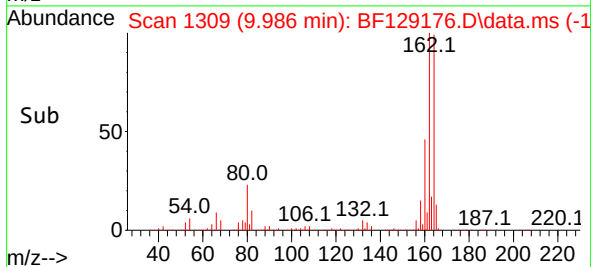
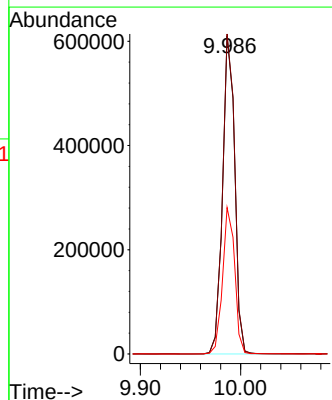
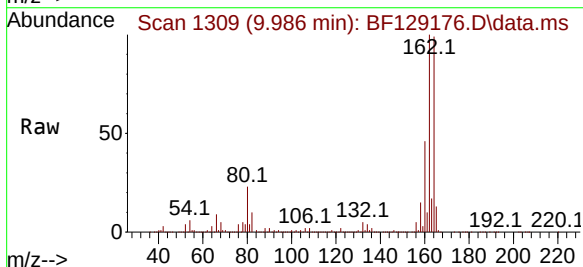
Instrument :
BNA_F
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE

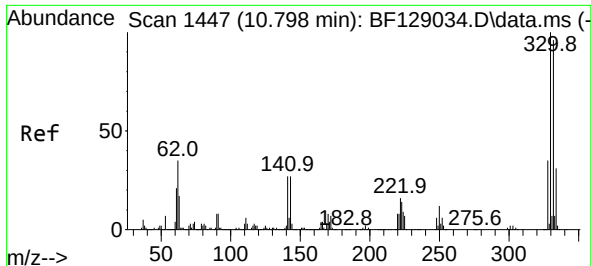
Tgt Ion: 82 Resp: 1055120
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

Tgt Ion:164 Resp: 512658
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 46.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 93.774 ng

RT: 10.781 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF129176.D

Acq: 08 Jul 2022 15:37

Instrument :

BNA_F

ClientSampleId :

20220497A-SIM-C3A-COMPOSITE

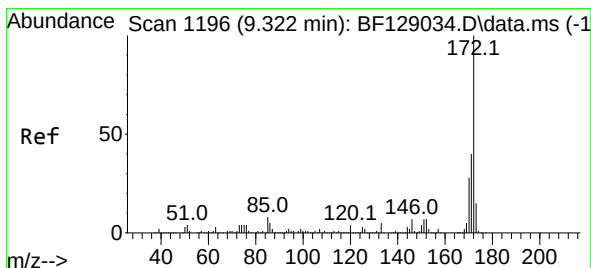
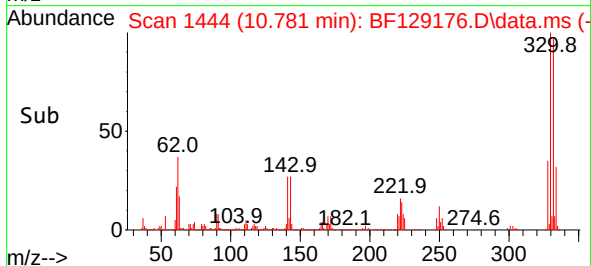
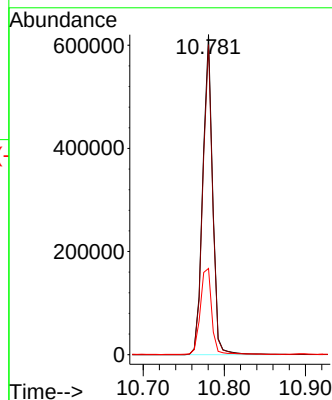
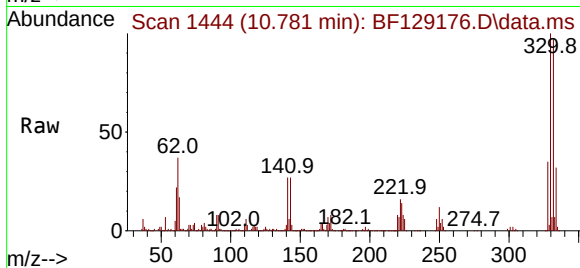
Tgt Ion:330 Resp: 522732

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 31.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 55.109 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF129176.D

Acq: 08 Jul 2022 15:37

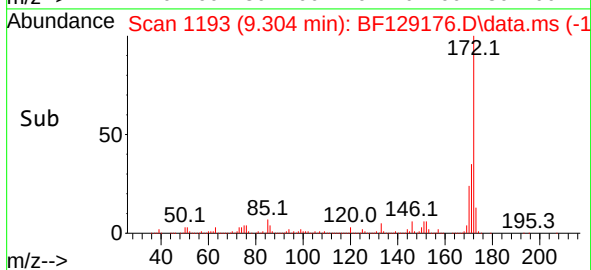
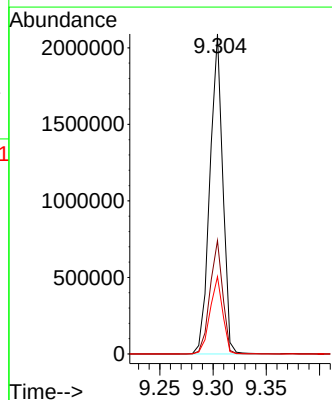
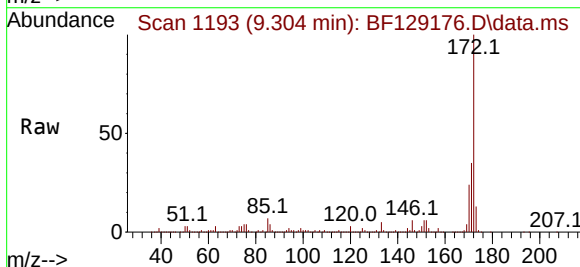
Tgt Ion:172 Resp: 1765988

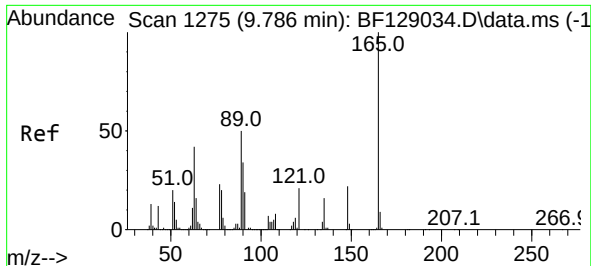
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.2 19.8 29.8

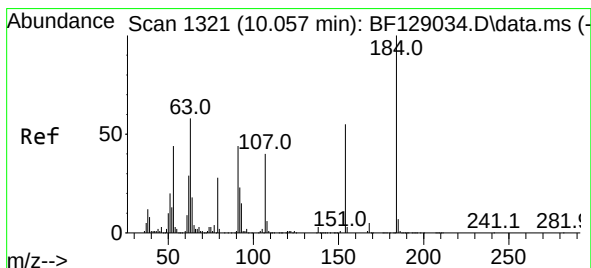
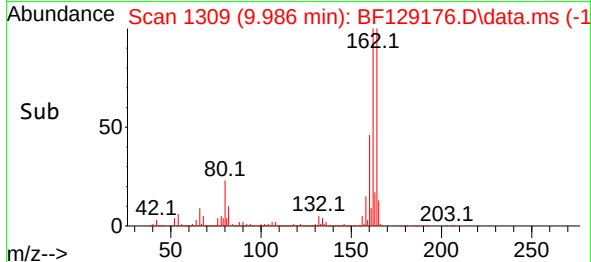
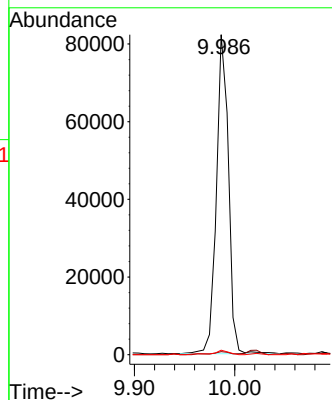
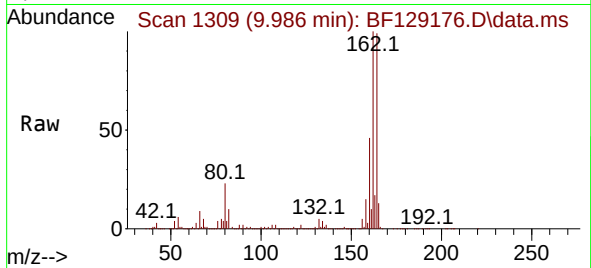




#51
2,6-Dinitrotoluene
Concen: 10.499 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

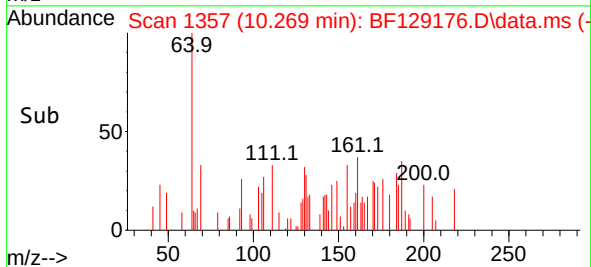
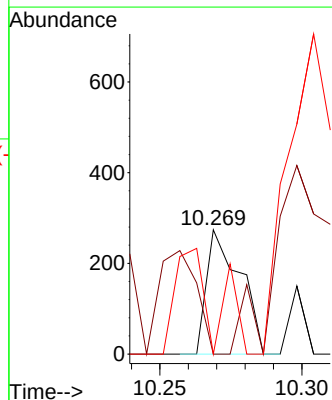
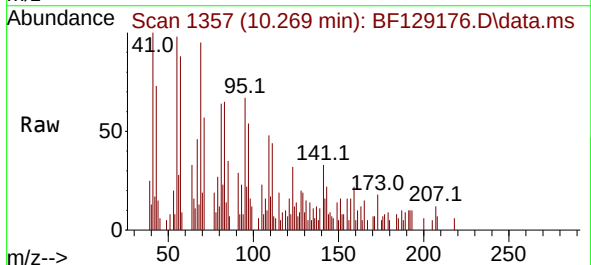
Instrument :
BNA_F
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE

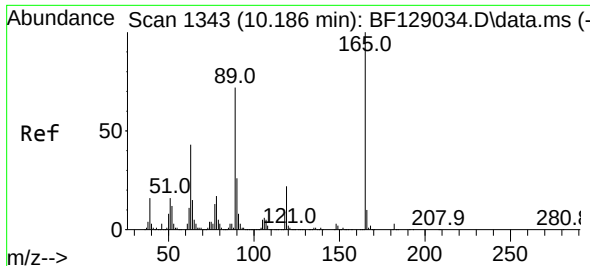
Tgt Ion:165 Resp: 68809
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.4 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 6.924 ng
RT: 10.269 min Scan# 1357
Delta R.T. 0.218 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

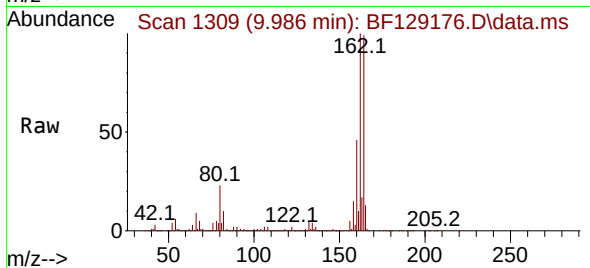
Tgt Ion:184 Resp: 224
Ion Ratio Lower Upper
184 100
63 0.0 64.5 96.7#
154 0.0 50.6 75.8#



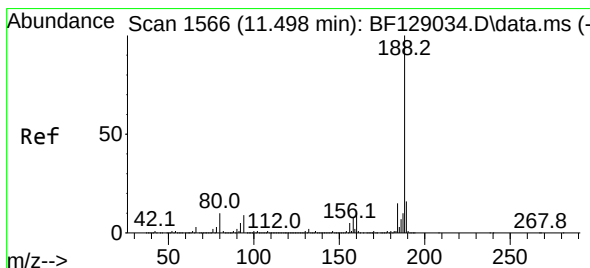
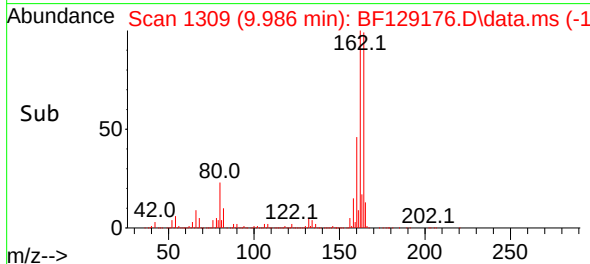
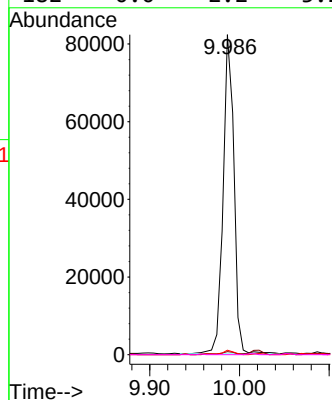


#57
2,4-Dinitrotoluene
Concen: 8.518 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

Instrument :
BNA_F
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE

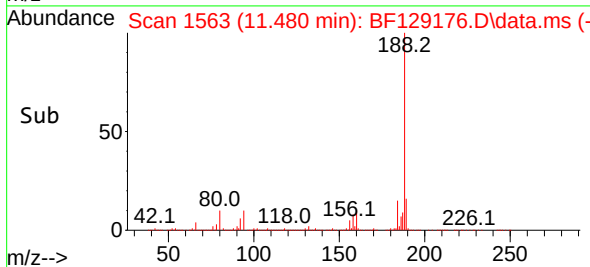
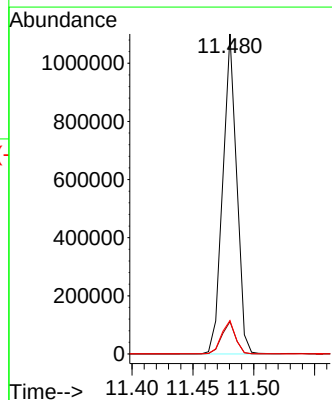
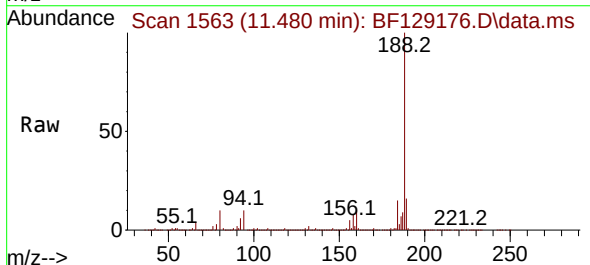


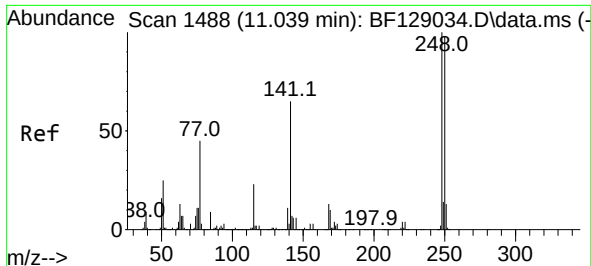
Tgt Ion:165 Resp: 68914
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

Tgt Ion:188 Resp: 877798
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.5 7.6 11.4

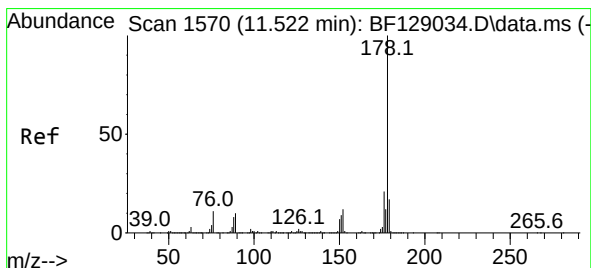
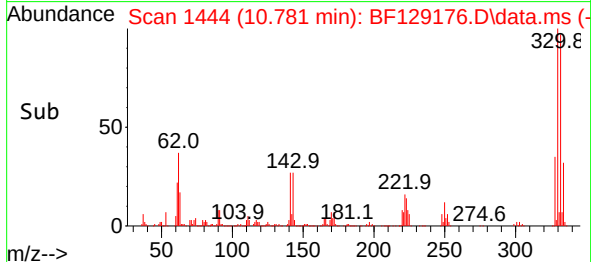
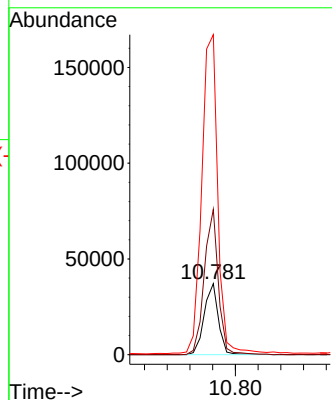
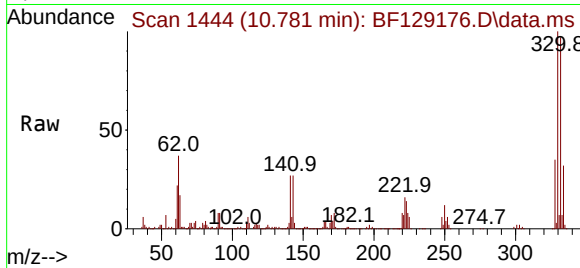




#67
4-Bromophenyl-phenylether
Concen: 3.467 ng
RT: 10.781 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

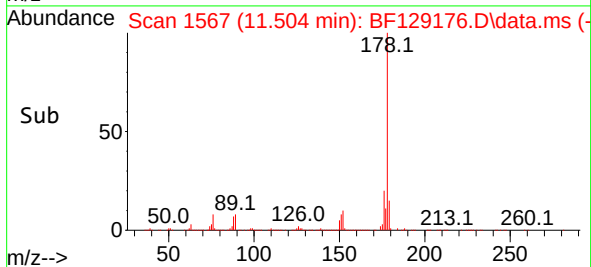
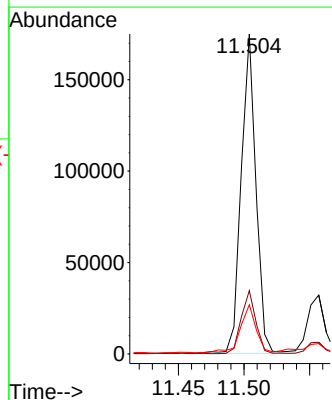
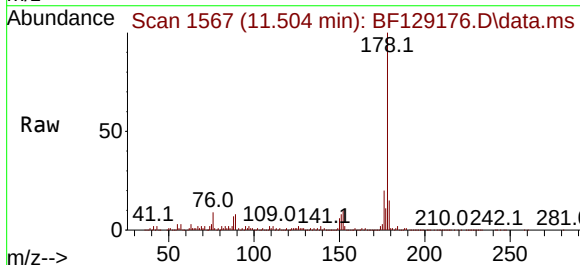
Instrument : BNA_F
ClientSampleId : 20220497A-SIM-C3A-COMPOSITE

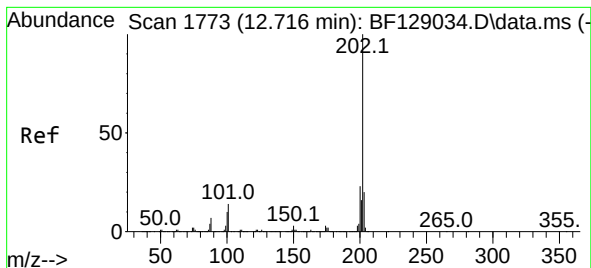
Tgt Ion:248 Resp: 32377
Ion Ratio Lower Upper
248 100
250 204.2 80.6 120.8#
141 449.9 58.9 88.3#



#71
Phenanthrene
Concen: 3.262 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

Tgt Ion:178 Resp: 136801
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.4 12.6 19.0





#75

Fluoranthene

Concen: 3.877 ng

RT: 12.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129176.D

Acq: 08 Jul 2022 15:37

Instrument :

BNA_F

ClientSampleId :

20220497A-SIM-C3A-COMPOSITE

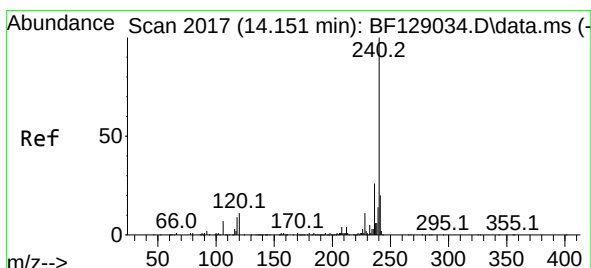
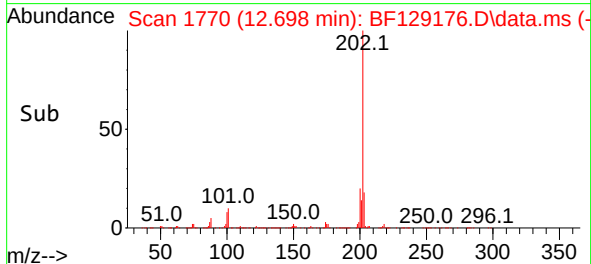
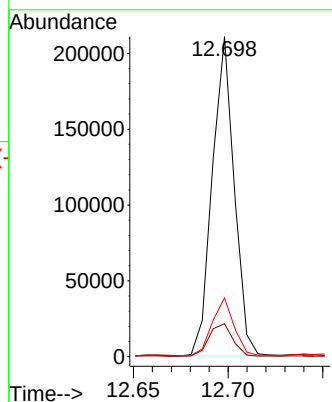
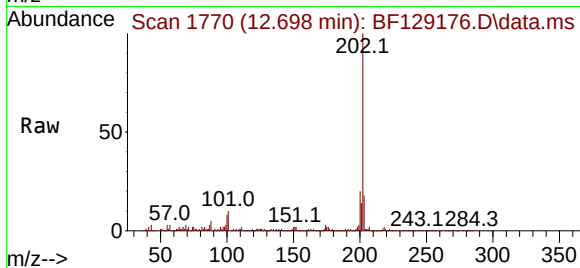
Tgt Ion:202 Resp: 170074

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

203 18.4 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF129176.D

Acq: 08 Jul 2022 15:37

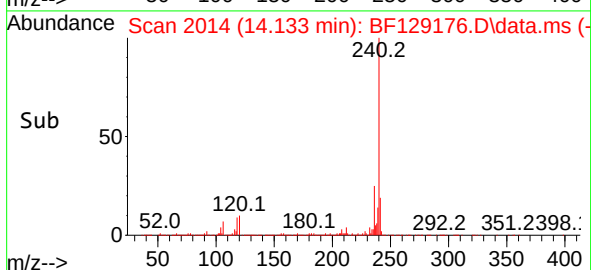
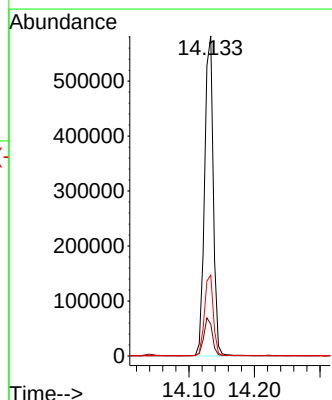
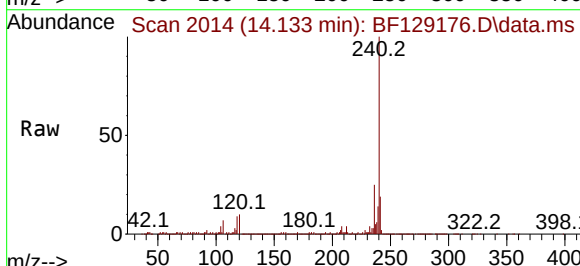
Tgt Ion:240 Resp: 536983

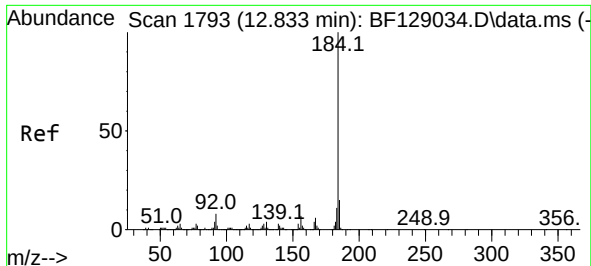
Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

236 25.3 20.8 31.2

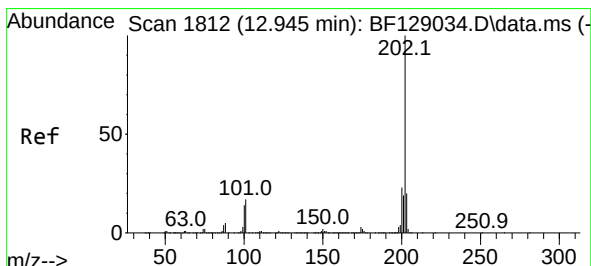
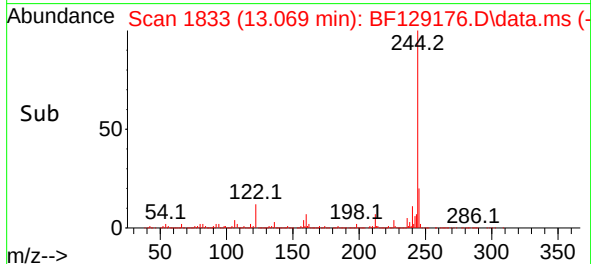
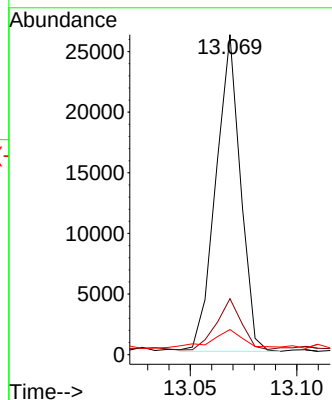
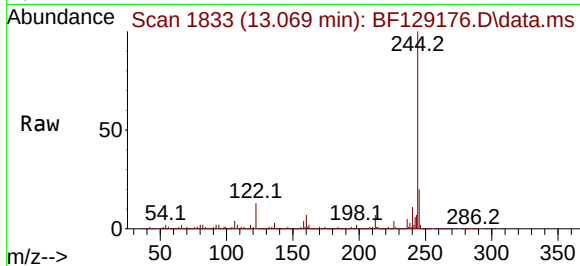




#77
Benzidine
Concen: 2.192 ng
RT: 13.069 min Scan# 11
Delta R.T. 0.247 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

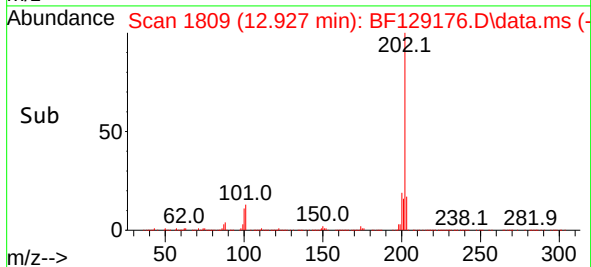
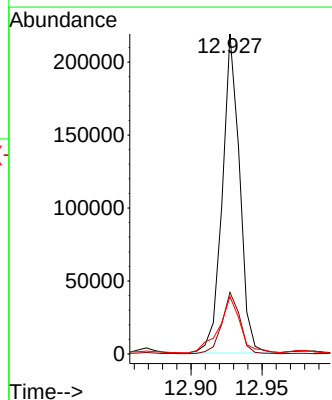
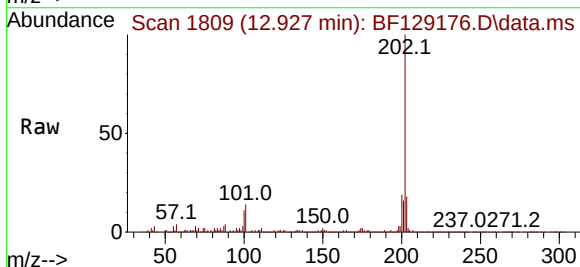
Instrument :
BNA_F
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE

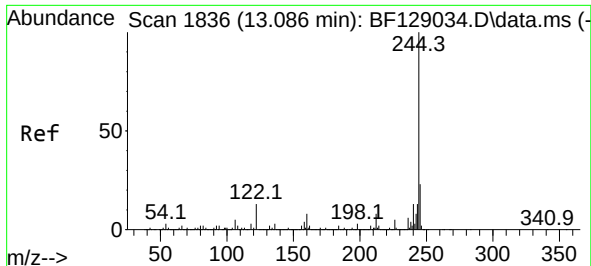
Tgt Ion:184 Resp: 20957
Ion Ratio Lower Upper
184 100
185 17.5 11.9 17.9
183 7.8 9.3 13.9#



#78
Pyrene
Concen: 4.958 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF129176.D
Acq: 08 Jul 2022 15:37

Tgt Ion:202 Resp: 184532
Ion Ratio Lower Upper
202 100
200 19.3 17.7 26.5
203 17.9 14.6 21.8

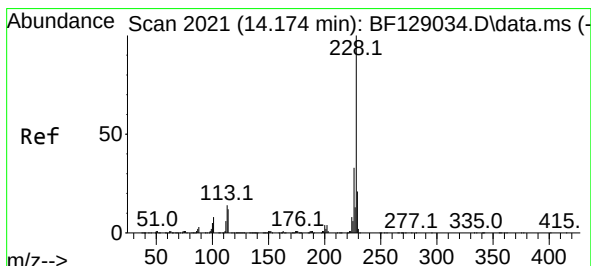
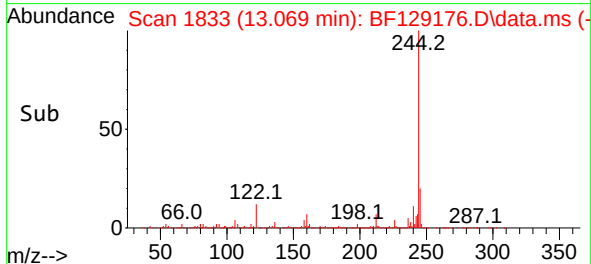
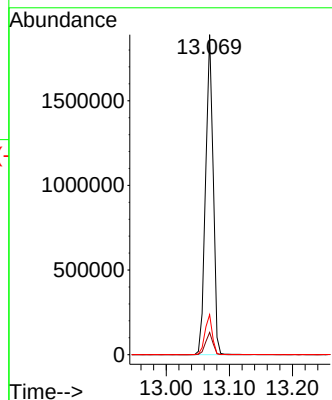
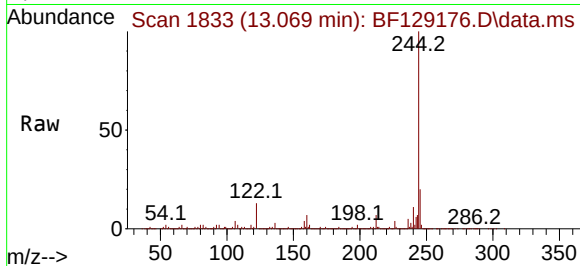




#79
 Terphenyl-d14
 Concen: 60.866 ng
 RT: 13.069 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF129176.D
 Acq: 08 Jul 2022 15:37

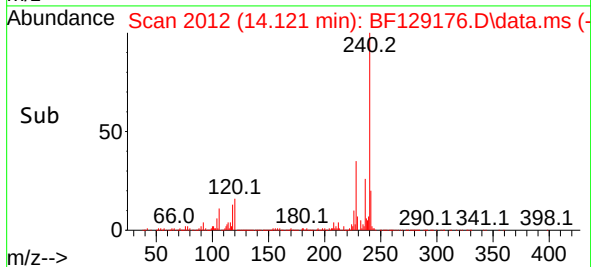
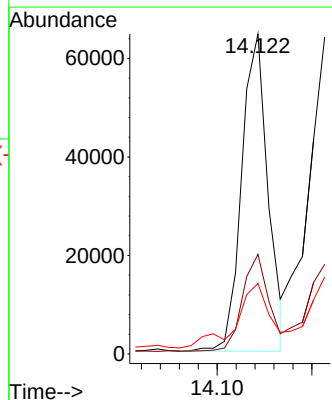
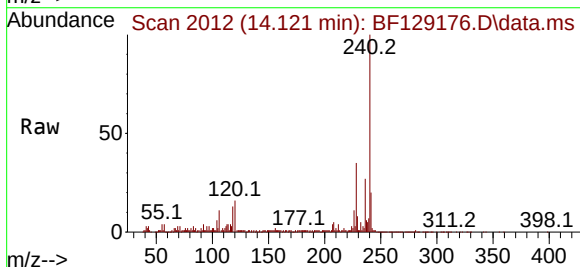
Instrument : BNA_F
 ClientSampleId : 20220497A-SIM-C3A-COMPOSITE

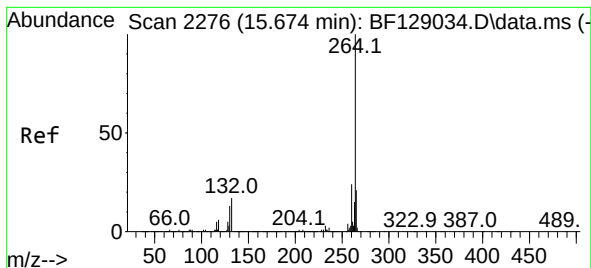
Tgt Ion:244 Resp: 1573885
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 12.5 8.8 13.2



#83
 Chrysene
 Concen: 2.044 ng
 RT: 14.121 min Scan# 2012
 Delta R.T. -0.041 min
 Lab File: BF129176.D
 Acq: 08 Jul 2022 15:37

Tgt Ion:228 Resp: 62227
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 22.0 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129176.D

Acq: 08 Jul 2022 15:37

Instrument :

BNA_F

ClientSampleId :

20220497A-SIM-C3A-COMPOSITE

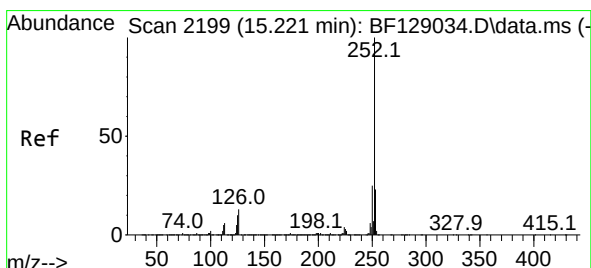
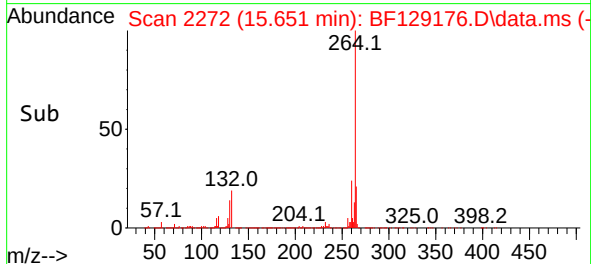
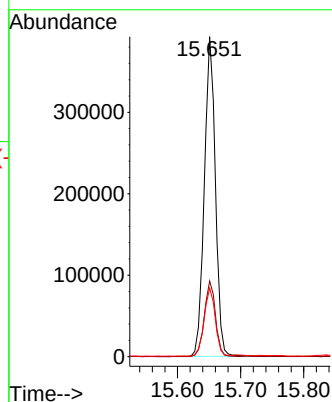
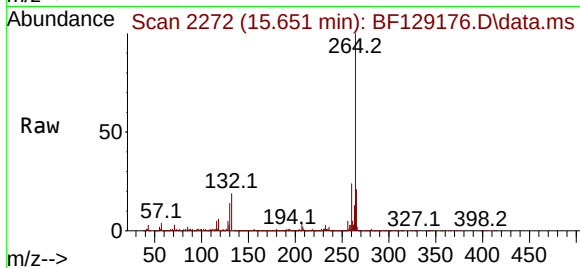
Tgt Ion:264 Resp: 478670

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.5 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.688 ng

RT: 15.198 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF129176.D

Acq: 08 Jul 2022 15:37

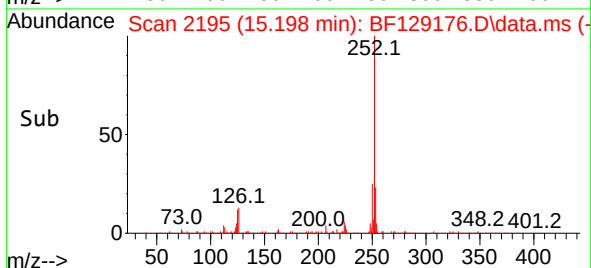
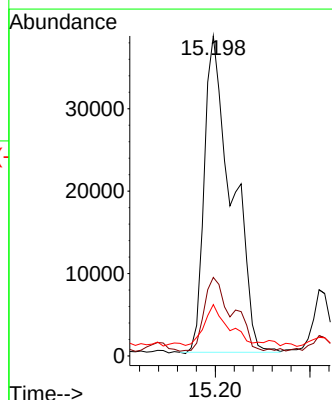
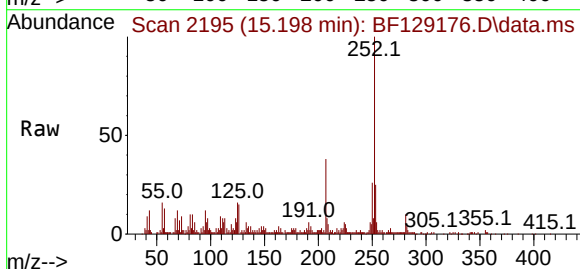
Tgt Ion:252 Resp: 77379

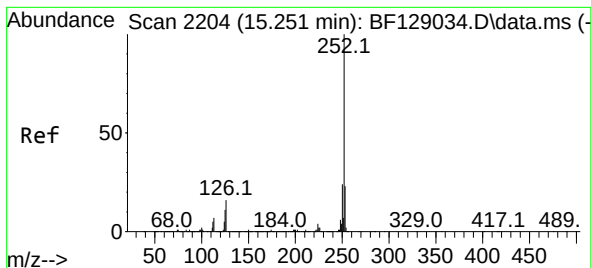
Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

125 16.1 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.771 ng

RT: 15.198 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF129176.D

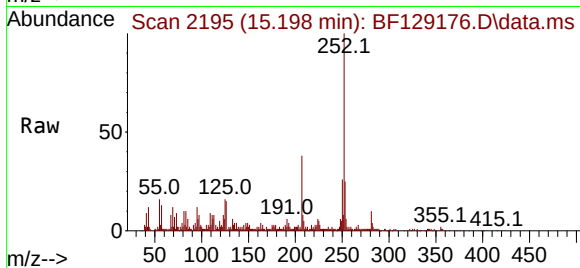
Acq: 08 Jul 2022 15:37

Instrument :

BNA_F

ClientSampleId :

20220497A-SIM-C3A-COMPOSITE



Tgt Ion:252 Resp: 77379

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.6

125 16.1 8.3 12.5#

