

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128002.D
 Acq On : 29 Apr 2022 18:41
 Operator : CG\JU
 Sample : N2616-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-20S

Quant Time: May 02 00:58:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

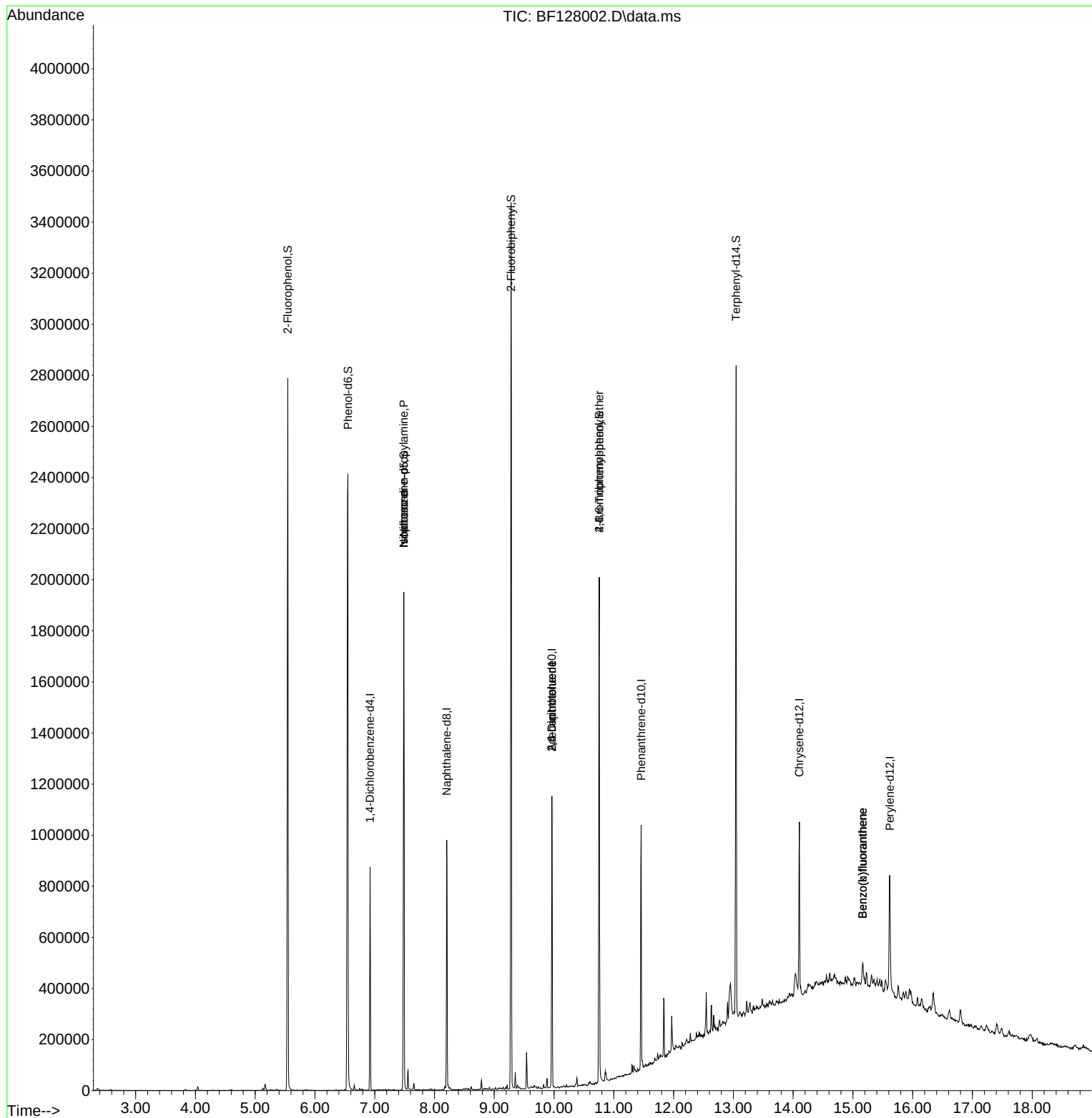
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	106245	20.000	ng	-0.01
21) Naphthalene-d8	8.204	136	393956	20.000	ng	-0.01
39) Acenaphthene-d10	9.963	164	221899	20.000	ng	-0.01
64) Phenanthrene-d10	11.457	188	335452	20.000	ng	-0.01
76) Chrysene-d12	14.104	240	223686	20.000	ng	-0.01
86) Perylene-d12	15.615	264	194402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	690777	103.559	ng	0.00
7) Phenol-d6	6.551	99	911933	105.361	ng	-0.01
23) Nitrobenzene-d5	7.487	82	655857	78.286	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	221166	99.009	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	1046906	79.815	ng	-0.01
79) Terphenyl-d14	13.045	244	835629	68.310	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	88252	16.657	ng	# 79
25) Isophorone	7.487	82	655848	46.513	ng	# 68
51) 2,6-Dinitrotoluene	9.963	165	28503	8.846	ng	# 21
57) 2,4-Dinitrotoluene	9.963	165	28503	6.678	ng	# 25
67) 4-Bromophenyl-phenylether	10.757	248	13719	3.689	ng	# 1
88) Benzo(b)fluoranthene	15.163	252	34821	2.852	ng	# 71
89) Benzo(k)fluoranthene	15.163	252	34821	2.831	ng	# 69

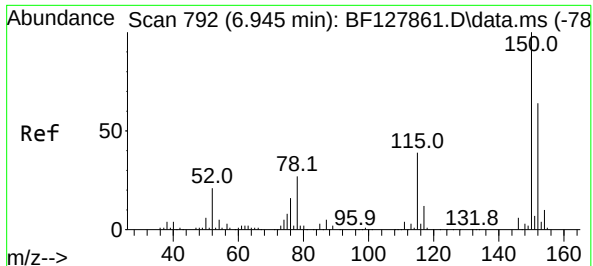
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128002.D
Acq On : 29 Apr 2022 18:41
Operator : CG\JU
Sample : N2616-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-20S

Quant Time: May 02 00:58:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

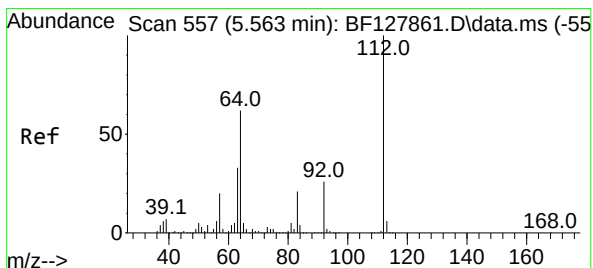
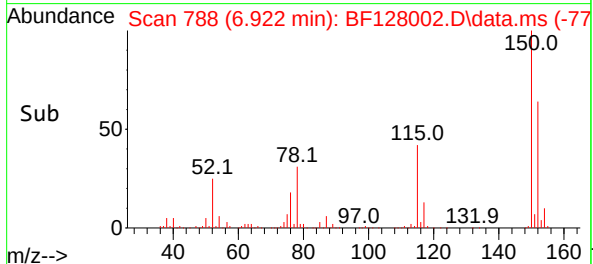
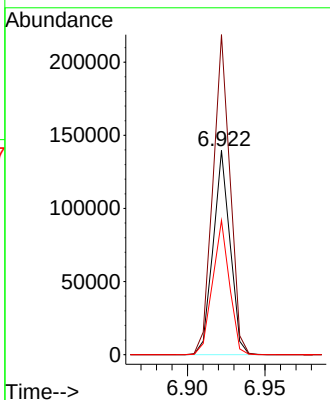
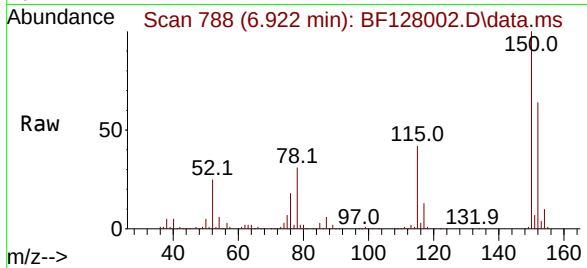




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

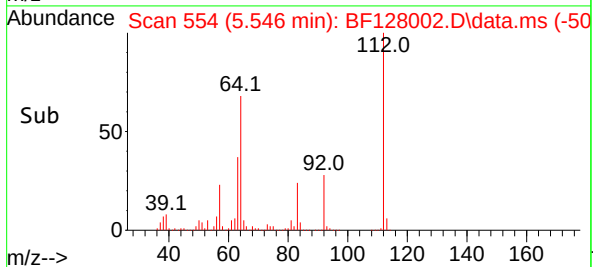
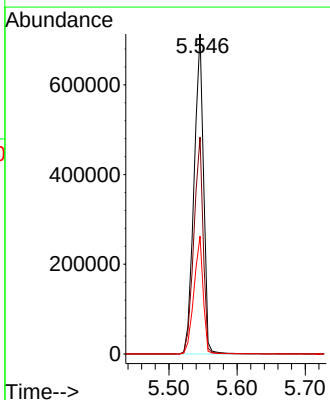
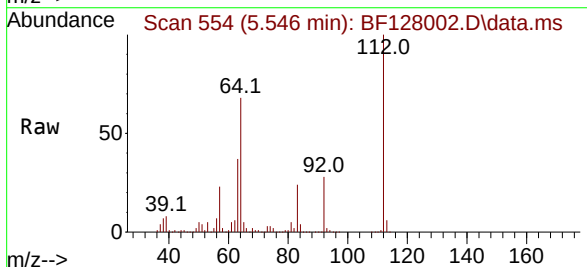
Instrument :
BNA_F
ClientSampleId :
MH-20S

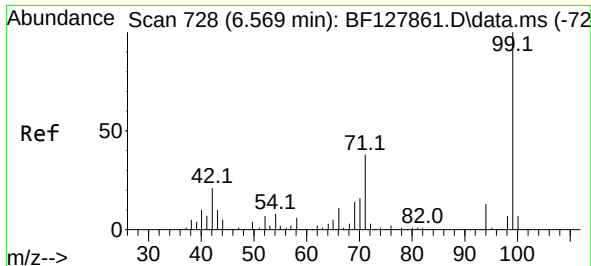
Tgt Ion:152 Resp: 106245
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 65.7 48.8 73.2



#5
2-Fluorophenol
Concen: 103.559 ng
RT: 5.546 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

Tgt Ion:112 Resp: 690777
Ion Ratio Lower Upper
112 100
64 67.7 49.5 74.3
63 36.8 26.3 39.5

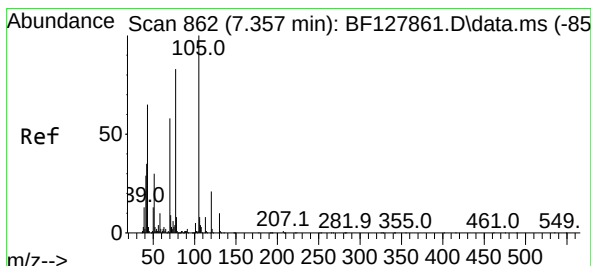
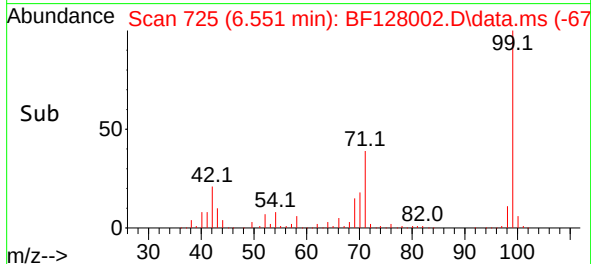
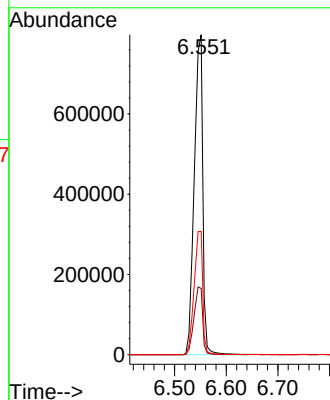
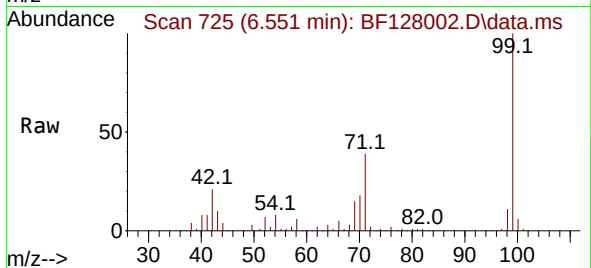




#7
Phenol-d6
Concen: 105.361 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

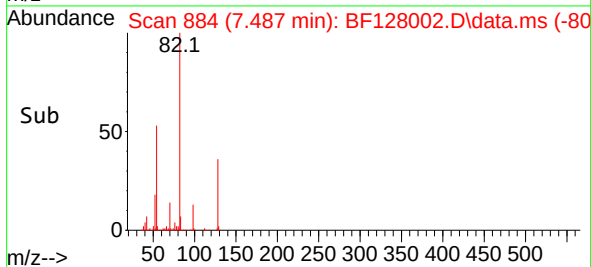
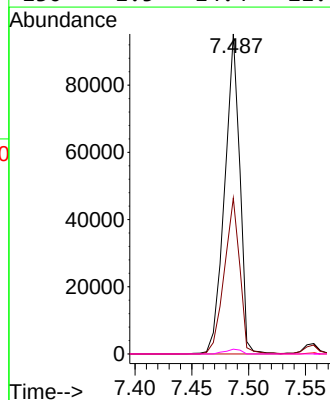
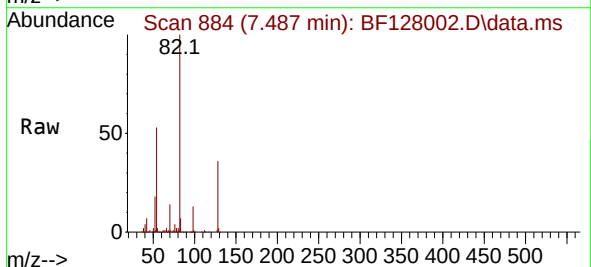
Instrument :
BNA_F
ClientSampleId :
MH-20S

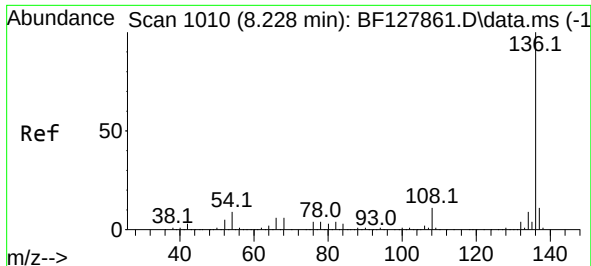
Tgt Ion: 99 Resp: 911933
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.657 ng
RT: 7.487 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

Tgt Ion: 70 Resp: 88252
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

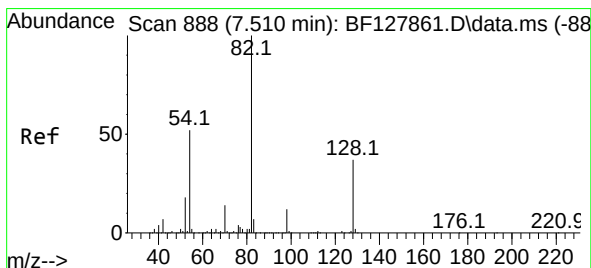
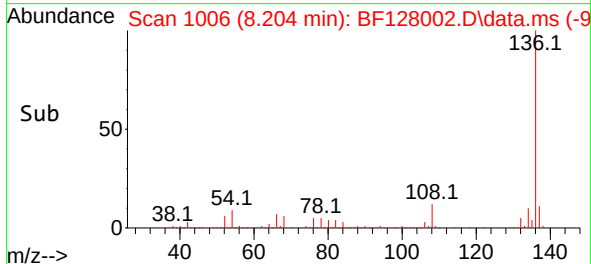
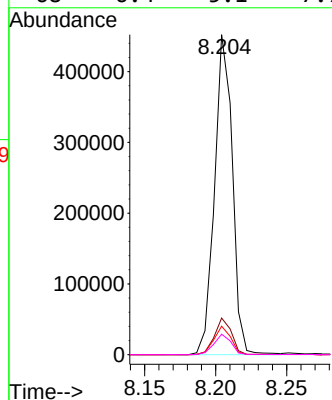
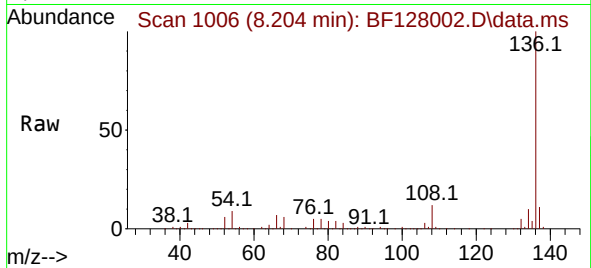




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

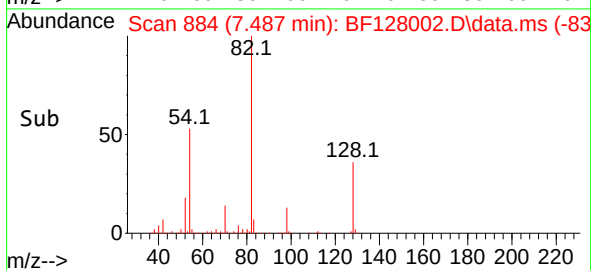
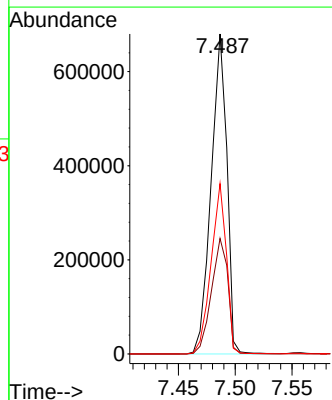
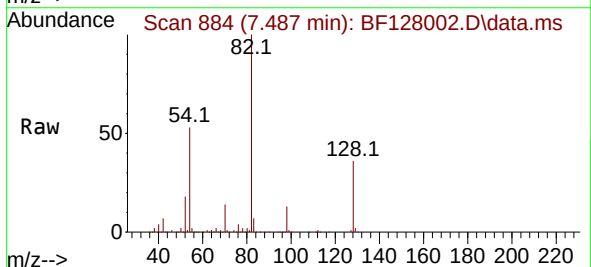
Instrument :
BNA_F
ClientSampleId :
MH-20S

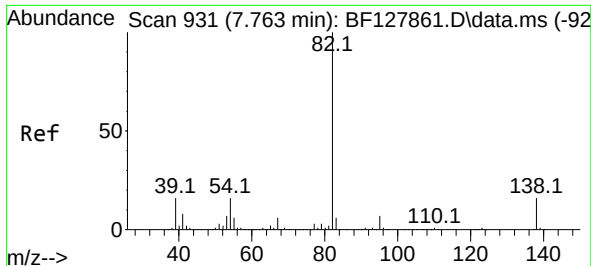
Tgt Ion:	136	Resp:	393956
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	13.0
54	8.9	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 78.286 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

Tgt Ion:	82	Resp:	655857
Ion Ratio	Lower	Upper	
82	100		
128	36.1	30.0	45.0
54	53.2	41.3	61.9

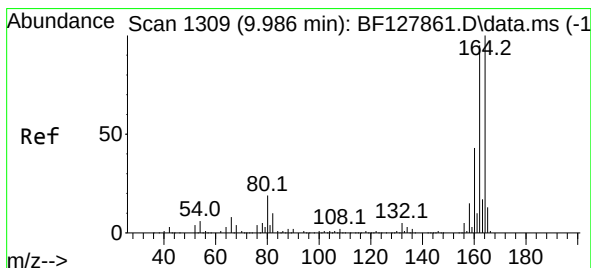
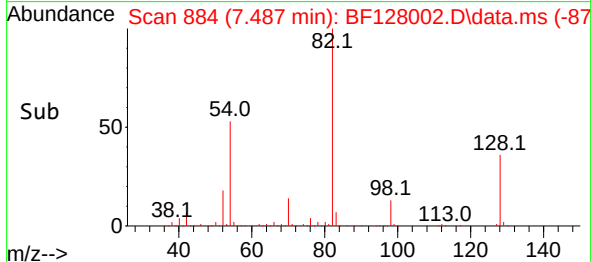
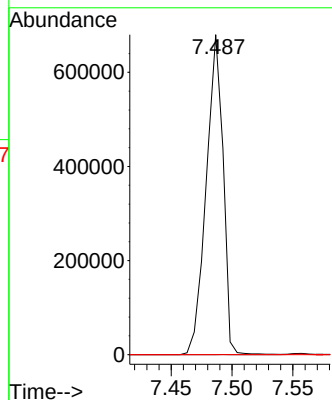
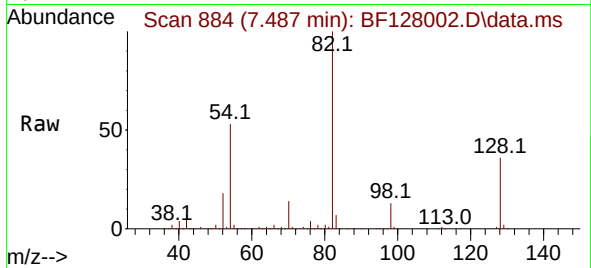




#25
Isophorone
Concen: 46.513 ng
RT: 7.487 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

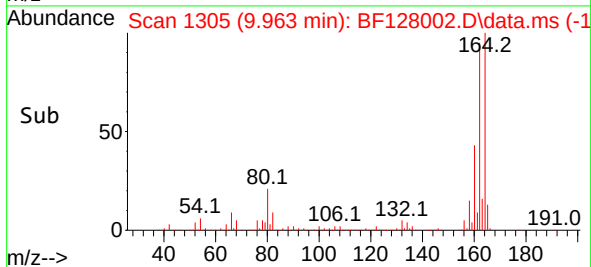
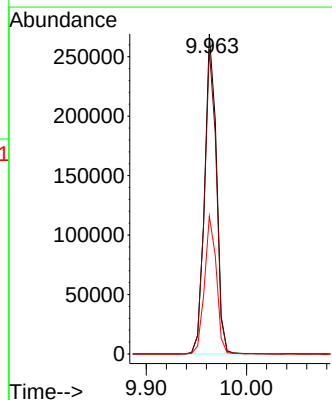
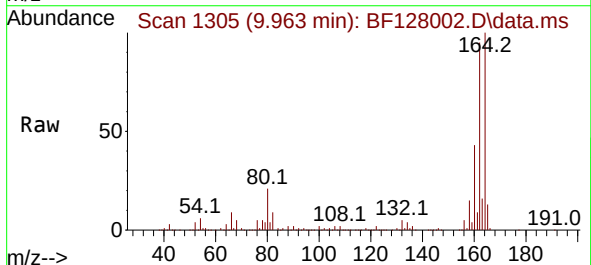
Instrument :
BNA_F
ClientSampleId :
MH-20S

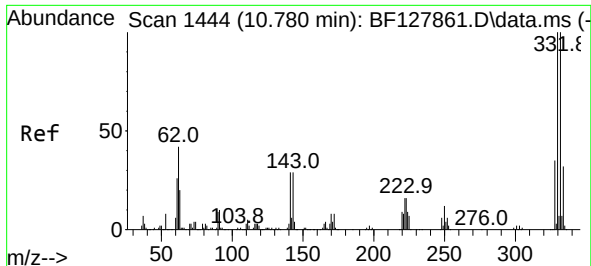
Tgt Ion: 82 Resp: 655848
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

Tgt Ion:164 Resp: 221899
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 43.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 99.009 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF128002.D

Acq: 29 Apr 2022 18:41

Instrument :

BNA_F

ClientSampleId :

MH-20S

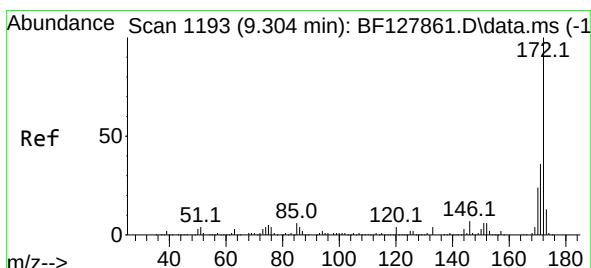
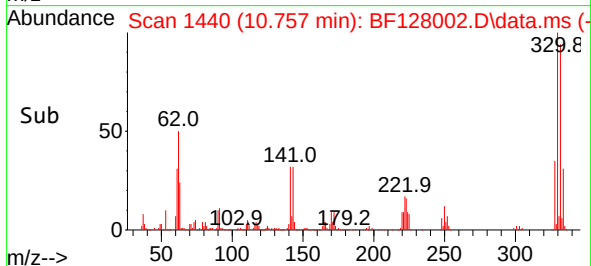
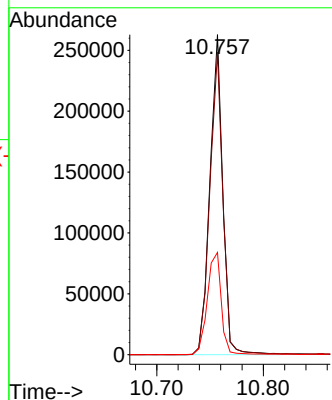
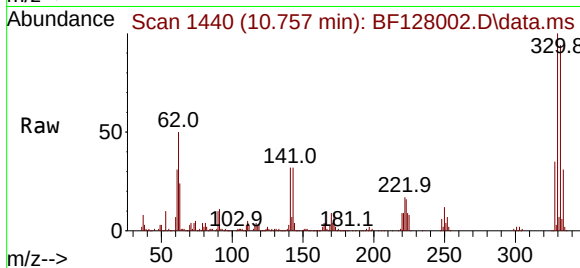
Tgt Ion:330 Resp: 221166

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 35.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 79.815 ng

RT: 9.281 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BF128002.D

Acq: 29 Apr 2022 18:41

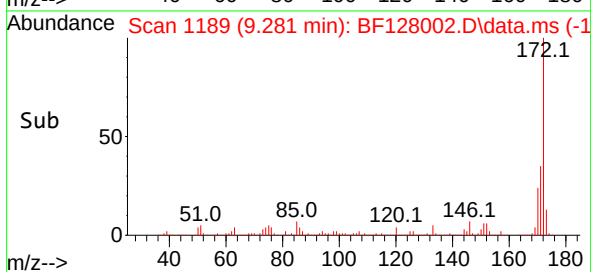
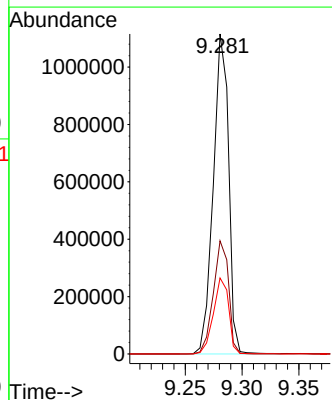
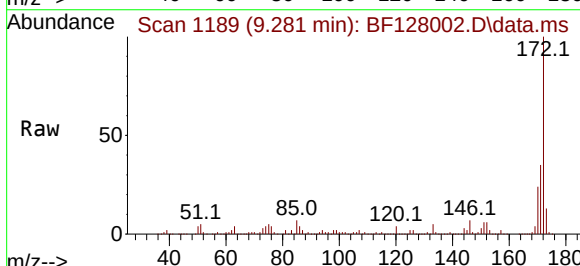
Tgt Ion:172 Resp: 1046906

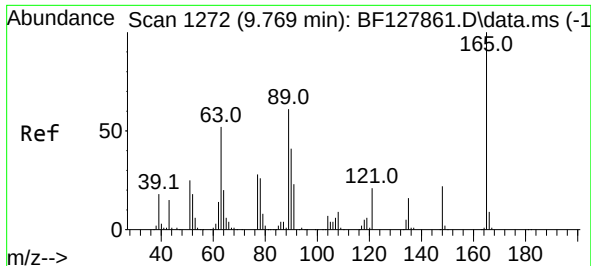
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.846 ng

RT: 9.963 min Scan# 1305

Delta R.T. 0.200 min

Lab File: BF128002.D

Acq: 29 Apr 2022 18:41

Instrument :

BNA_F

ClientSampleId :

MH-20S

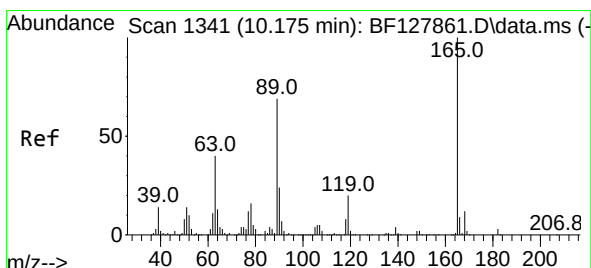
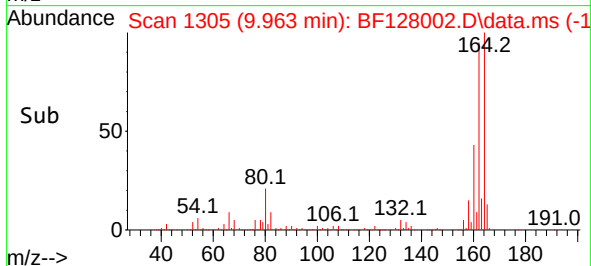
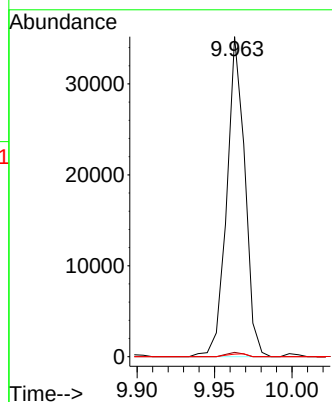
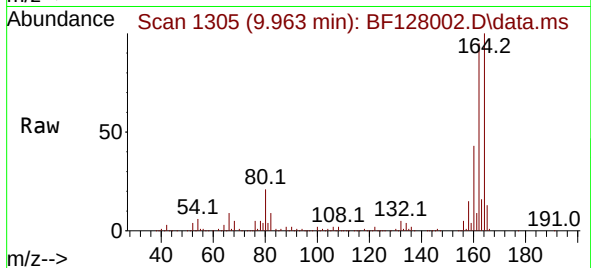
Tgt Ion:165 Resp: 28503

Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 0.8 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.678 ng

RT: 9.963 min Scan# 1305

Delta R.T. -0.200 min

Lab File: BF128002.D

Acq: 29 Apr 2022 18:41

Tgt Ion:165 Resp: 28503

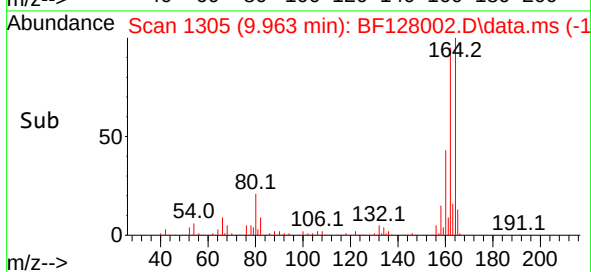
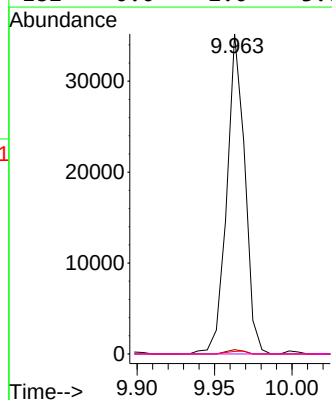
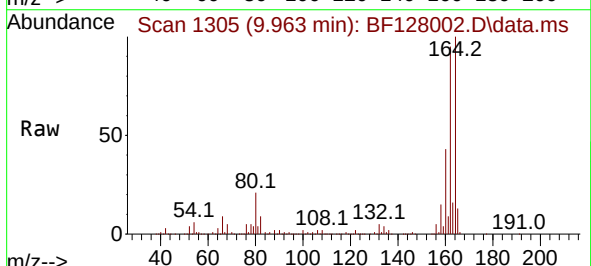
Ion Ratio Lower Upper

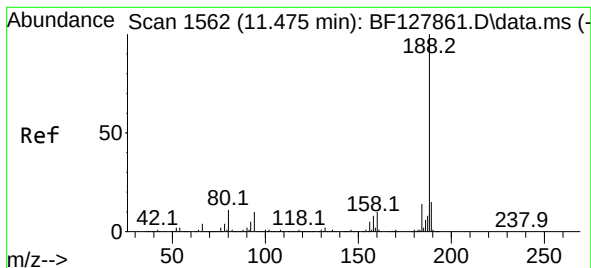
165 100

63 1.3 32.6 49.0#

89 0.8 55.2 82.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128002.D

Acq: 29 Apr 2022 18:41

Instrument :

BNA_F

ClientSampleId :

MH-20S

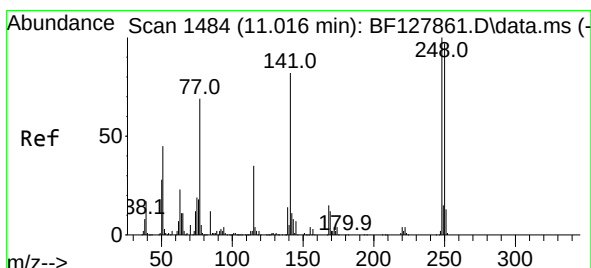
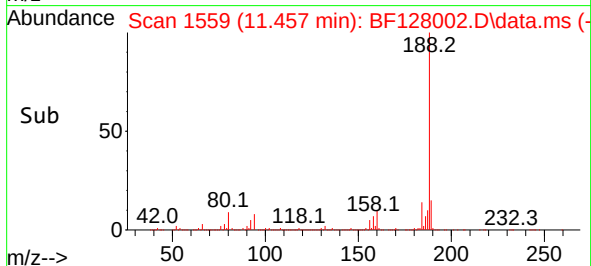
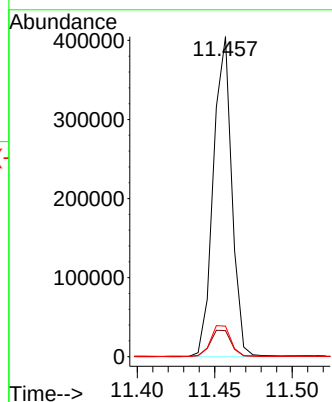
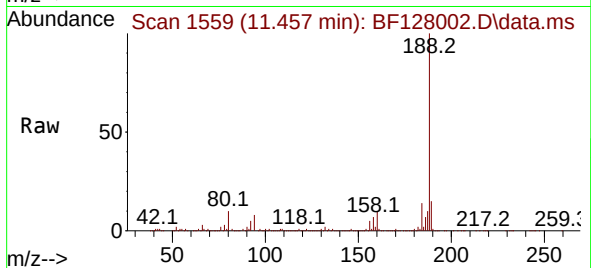
Tgt Ion:188 Resp: 335452

Ion Ratio Lower Upper

188 100

94 8.2 8.0 12.0

80 9.6 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.689 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.253 min

Lab File: BF128002.D

Acq: 29 Apr 2022 18:41

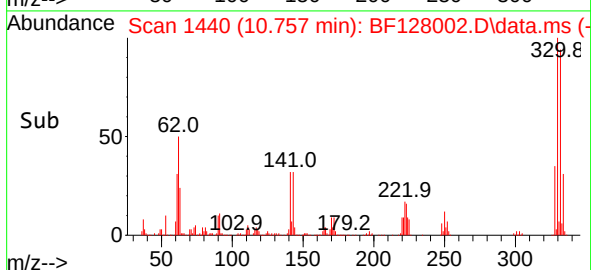
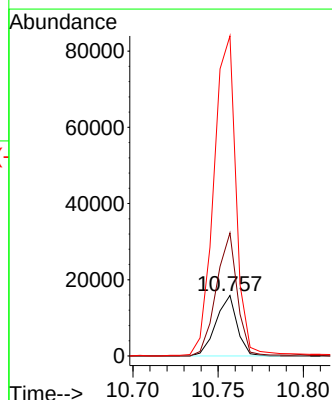
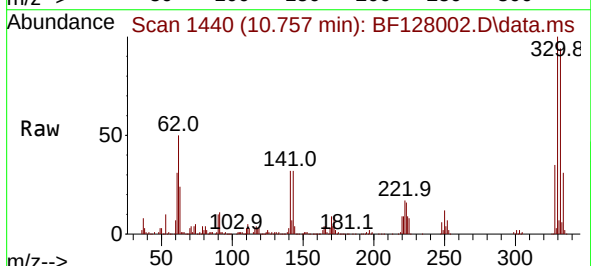
Tgt Ion:248 Resp: 13719

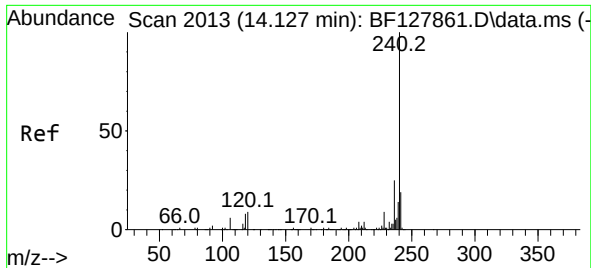
Ion Ratio Lower Upper

248 100

250 203.4 77.7 116.5#

141 529.2 65.6 98.4#

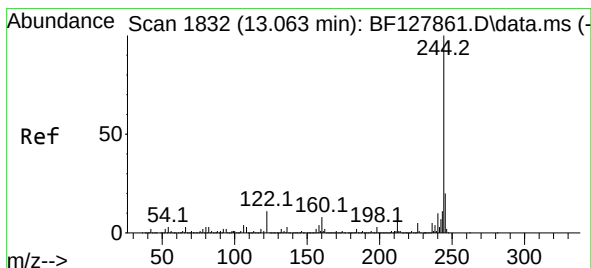
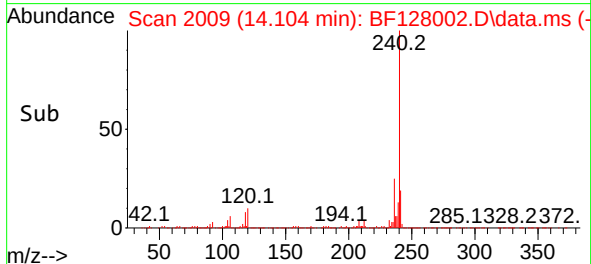
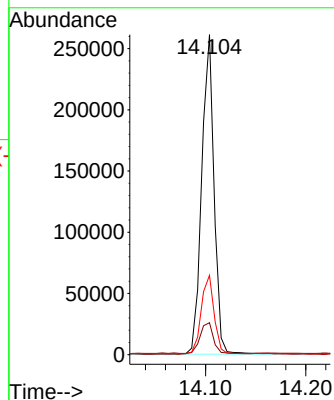
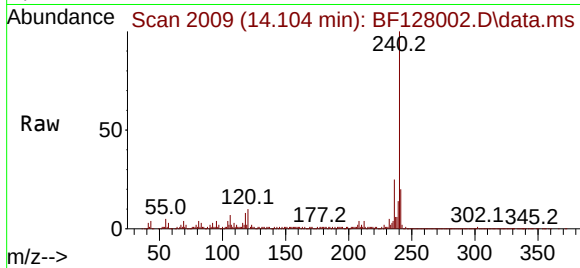




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

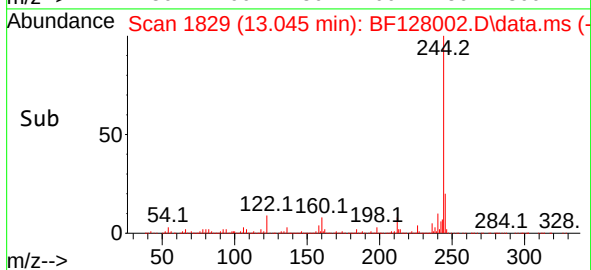
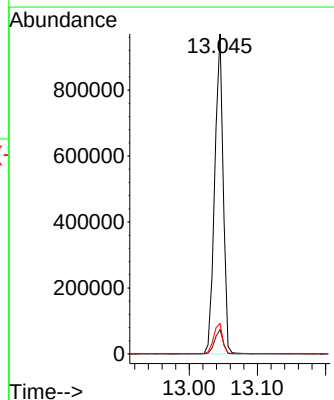
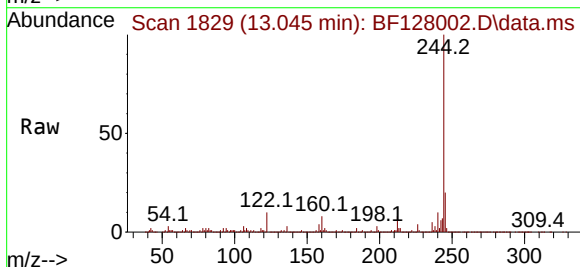
Instrument :
BNA_F
ClientSampleId :
MH-20S

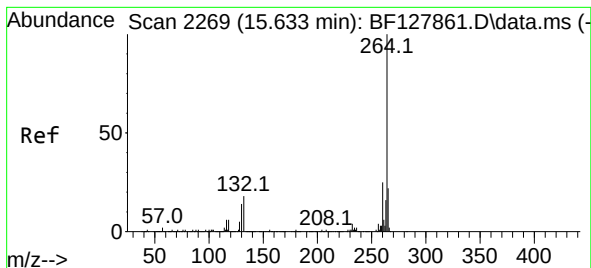
Tgt Ion:240 Resp: 223686
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 24.8 20.3 30.5



#79
Terphenyl-d14
Concen: 68.310 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

Tgt Ion:244 Resp: 835629
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.5 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128002.D

Acq: 29 Apr 2022 18:41

Instrument :

BNA_F

ClientSampleId :

MH-20S

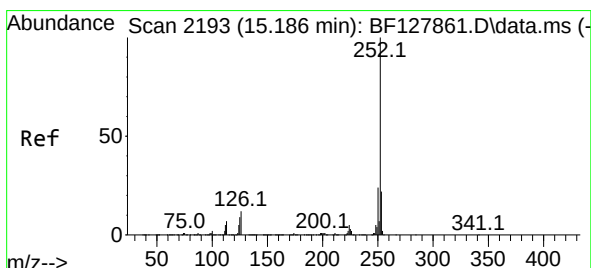
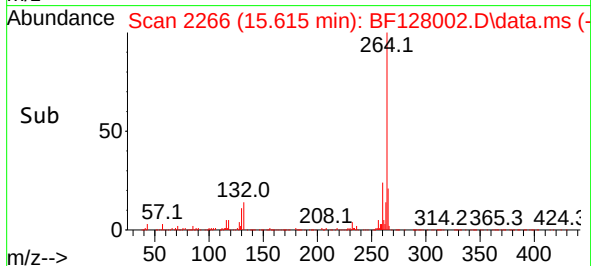
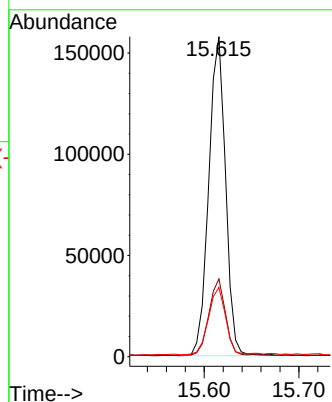
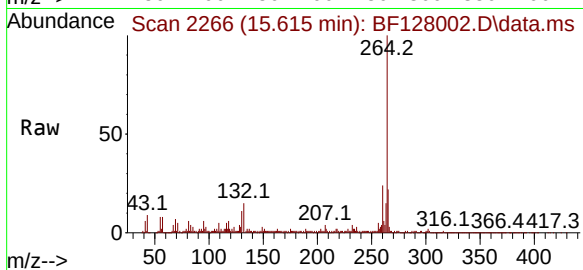
Tgt Ion:264 Resp: 194402

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 21.6 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.852 ng

RT: 15.163 min Scan# 2189

Delta R.T. -0.012 min

Lab File: BF128002.D

Acq: 29 Apr 2022 18:41

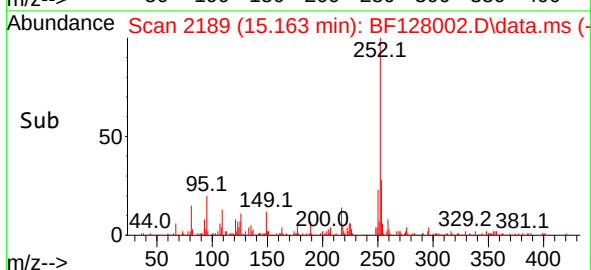
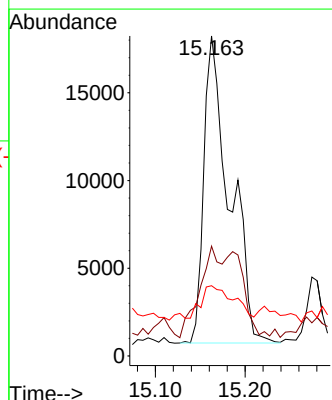
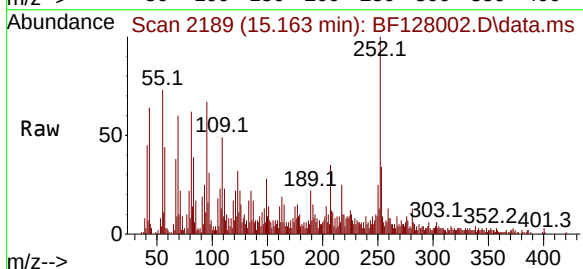
Tgt Ion:252 Resp: 34821

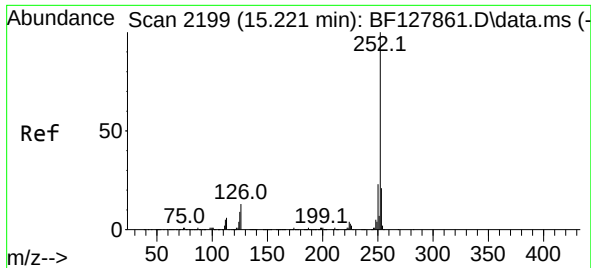
Ion Ratio Lower Upper

252 100

253 34.3 17.4 26.2#

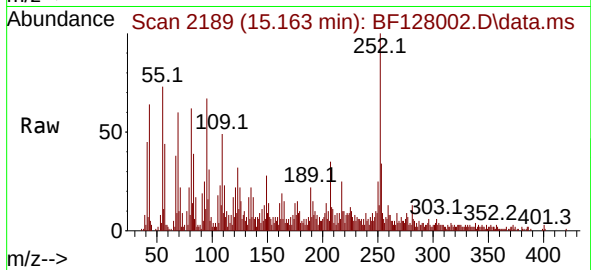
125 22.0 7.4 11.2#





#89
Benzo(k)fluoranthene
Concen: 2.831 ng
RT: 15.163 min Scan# 21
Delta R.T. -0.047 min
Lab File: BF128002.D
Acq: 29 Apr 2022 18:41

Instrument :
BNA_F
ClientSampleId :
MH-20S



Tgt Ion:252 Resp: 34821
Ion Ratio Lower Upper
252 100
253 34.3 17.0 25.4#
125 22.0 6.8 10.2#

