

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128010.D
 Acq On : 29 Apr 2022 22:29
 Operator : CG\JU
 Sample : N2605-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-042822

Quant Time: May 02 00:59:10 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)

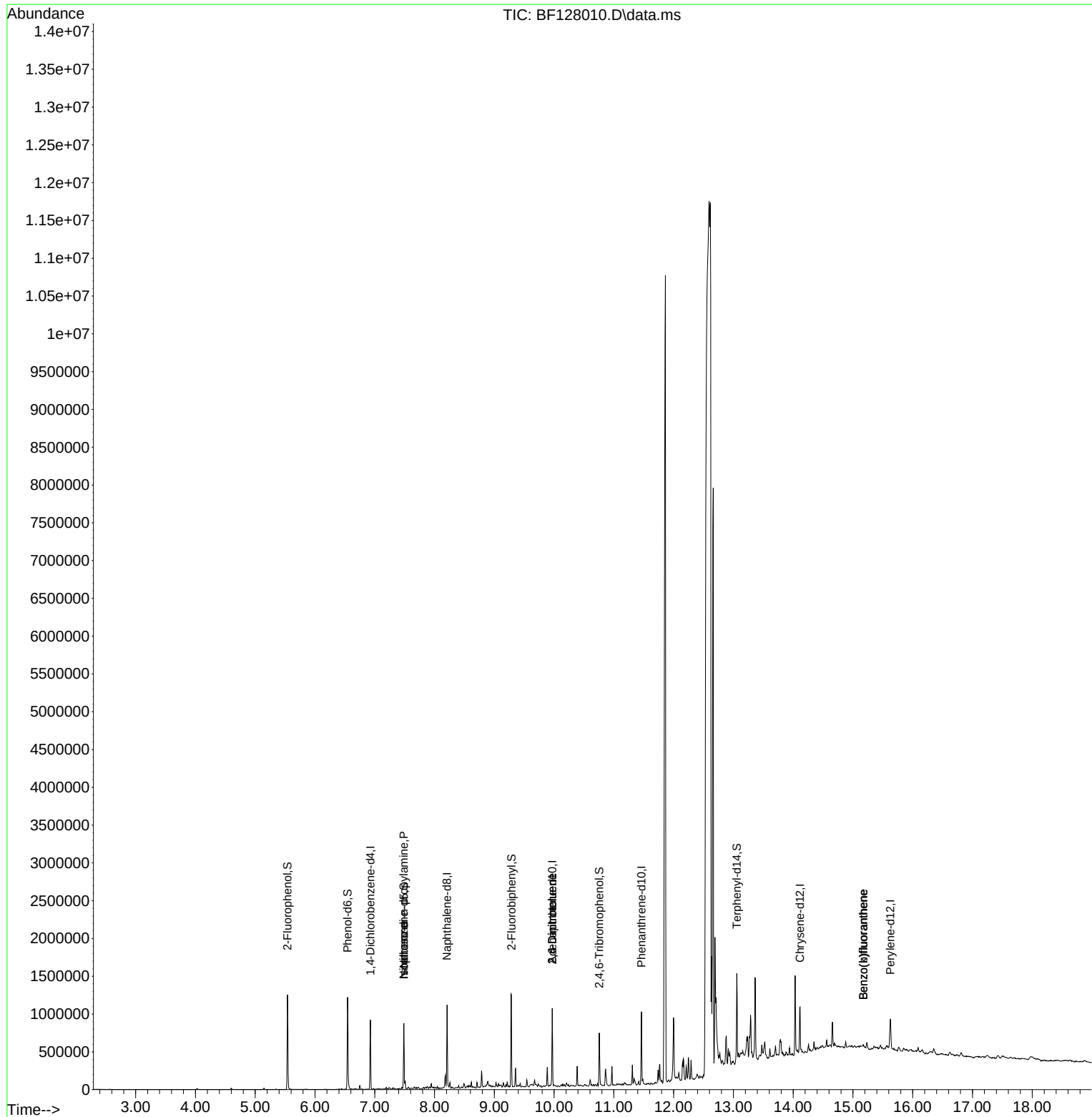
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	118352	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	406819	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	192411	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	324513	20.000	ng	0.00
76) Chrysene-d12	14.115	240	219425	20.000	ng	0.00
86) Perylene-d12	15.627	264	155236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	301679	40.600	ng	-0.01
7) Phenol-d6	6.545	99	378467	39.254	ng	-0.02
23) Nitrobenzene-d5	7.486	82	248154	28.684	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	73863	38.134	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	377003	33.147	ng	0.00
79) Terphenyl-d14	13.057	244	357443	29.787	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	34879	5.910	ng	# 78
25) Isophorone	7.486	82	247266	16.982	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	26550	9.503	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	26550	7.174	ng	# 26
88) Benzo(b)fluoranthene	15.174	252	20179	2.070	ng	# 60
89) Benzo(k)fluoranthene	15.174	252	20179	2.054	ng	# 58

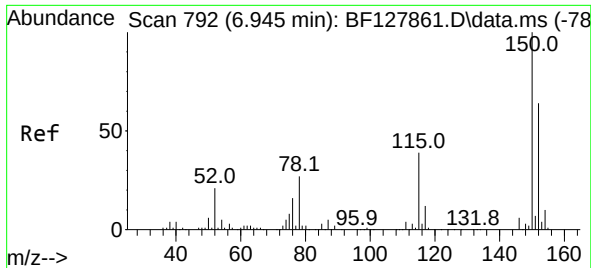
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128010.D
Acq On : 29 Apr 2022 22:29
Operator : CG\JU
Sample : N2605-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-042822

Quant Time: May 02 00:59:10 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

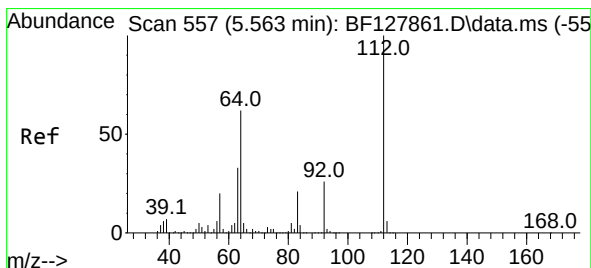
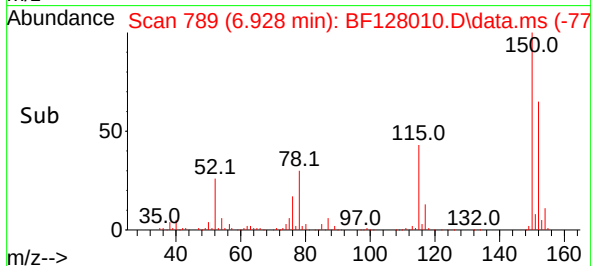
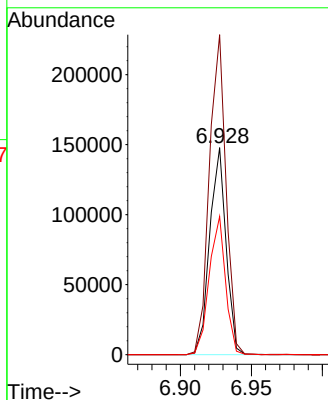
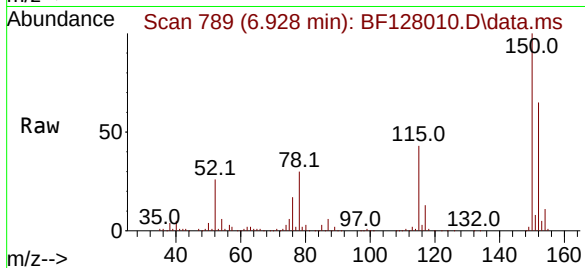




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128010.D
 Acq: 29 Apr 2022 22:29

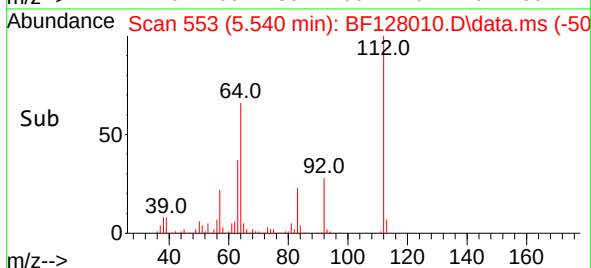
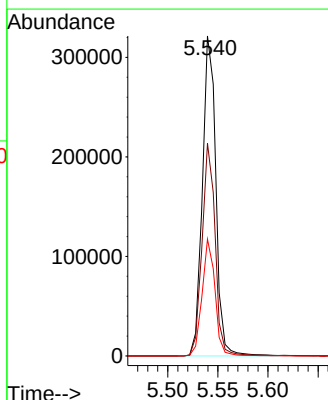
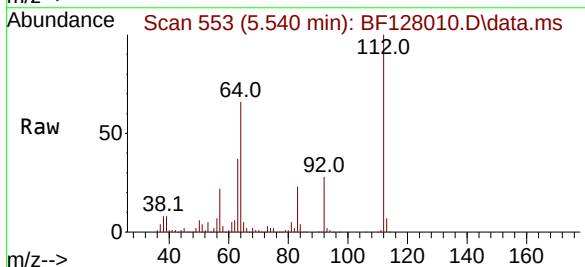
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-042822

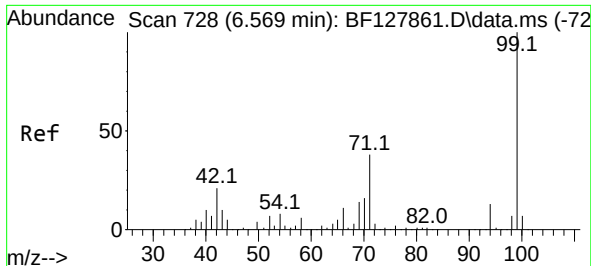
Tgt Ion:152 Resp: 118352
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.3 187.9
 115 66.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 40.600 ng
 RT: 5.540 min Scan# 553
 Delta R.T. -0.012 min
 Lab File: BF128010.D
 Acq: 29 Apr 2022 22:29

Tgt Ion:112 Resp: 301679
 Ion Ratio Lower Upper
 112 100
 64 66.5 49.5 74.3
 63 36.5 26.3 39.5





#7

Phenol-d6

Concen: 39.254 ng

RT: 6.545 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF128010.D

Acq: 29 Apr 2022 22:29

Instrument :

BNA_F

ClientSampleId :

TR-04-042822

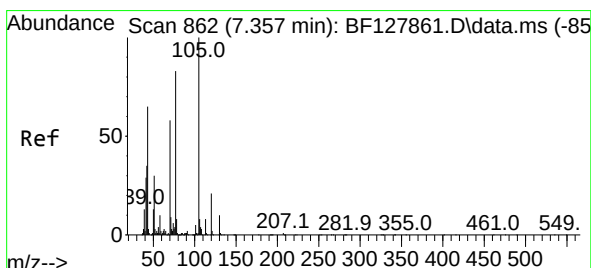
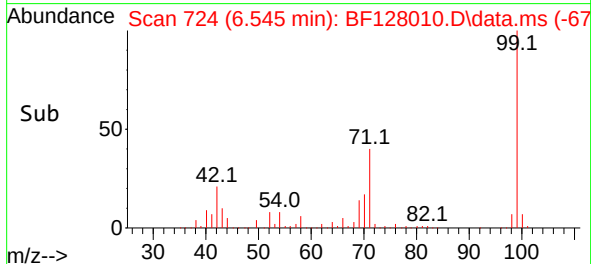
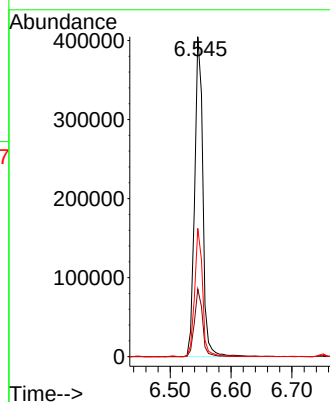
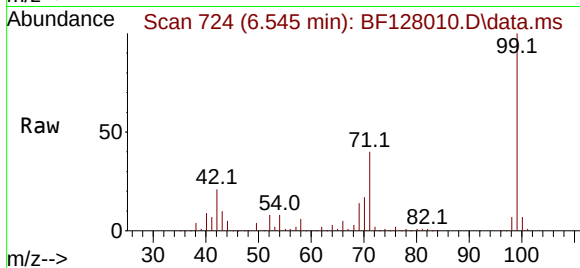
Tgt Ion: 99 Resp: 378467

Ion Ratio Lower Upper

99 100

42 21.2 16.6 24.8

71 40.1 30.0 45.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.910 ng

RT: 7.486 min Scan# 884

Delta R.T. 0.141 min

Lab File: BF128010.D

Acq: 29 Apr 2022 22:29

Tgt Ion: 70 Resp: 34879

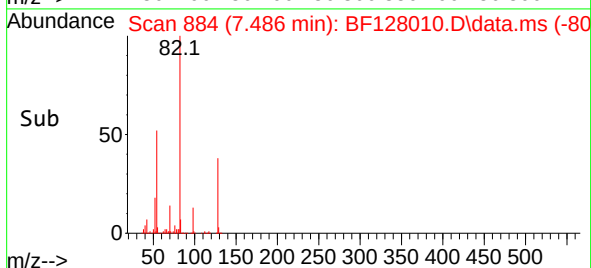
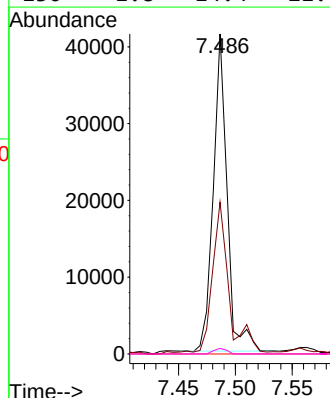
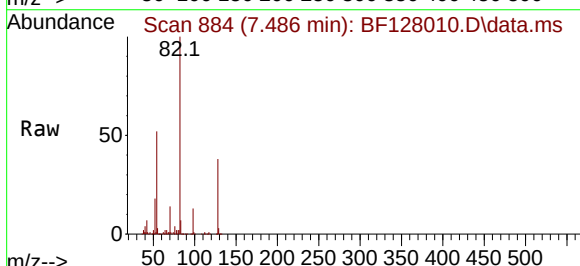
Ion Ratio Lower Upper

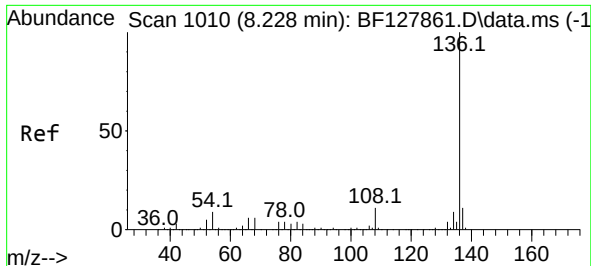
70 100

42 47.5 48.7 73.1#

101 0.0 7.2 10.8#

130 1.8 14.4 21.6#



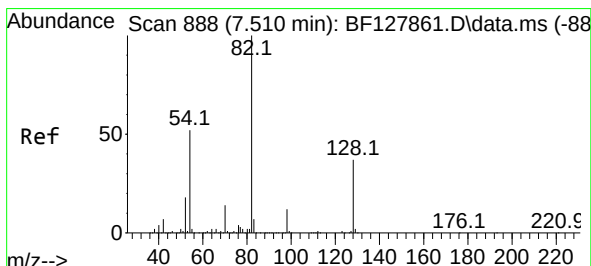
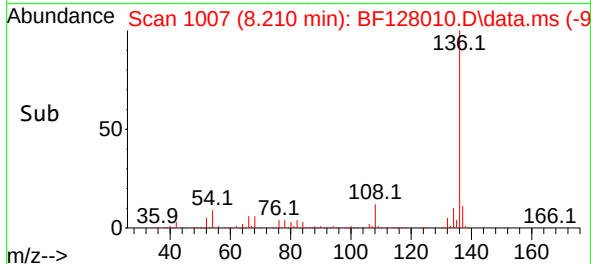
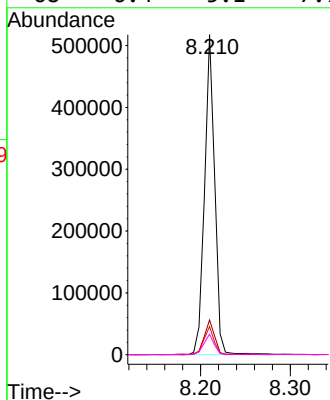
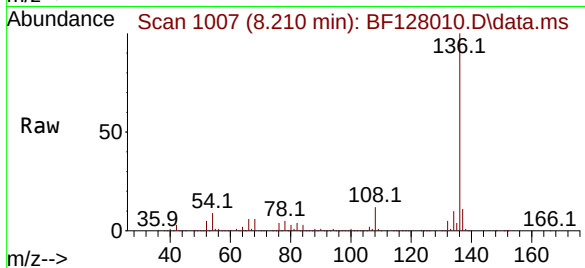


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128010.D
Acq: 29 Apr 2022 22:29

Instrument :
BNA_F
ClientSampleId :
TR-04-042822

Tgt Ion:136 Resp: 406819

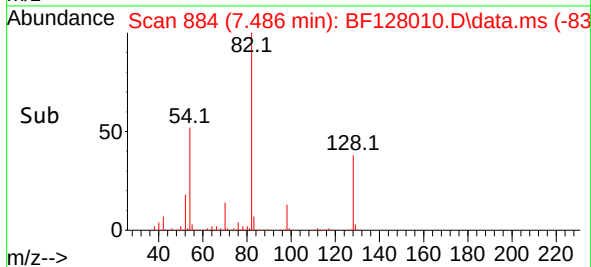
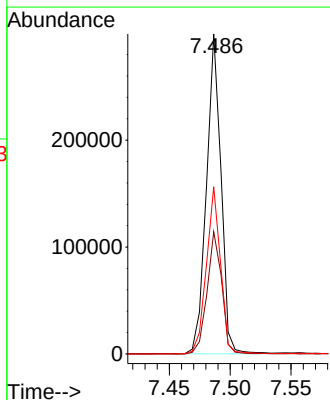
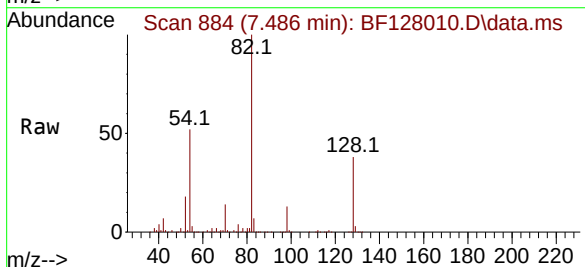
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.8	6.8	10.2
68	6.4	5.1	7.7

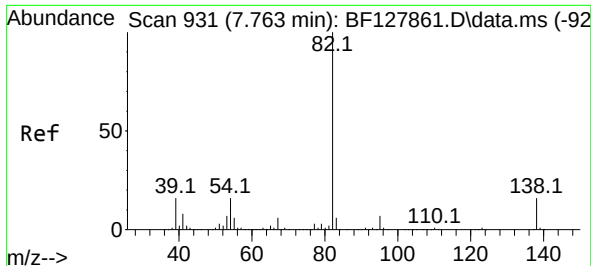


#23
Nitrobenzene-d5
Concen: 28.684 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF128010.D
Acq: 29 Apr 2022 22:29

Tgt Ion: 82 Resp: 248154

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.0	45.0
54	52.2	41.3	61.9

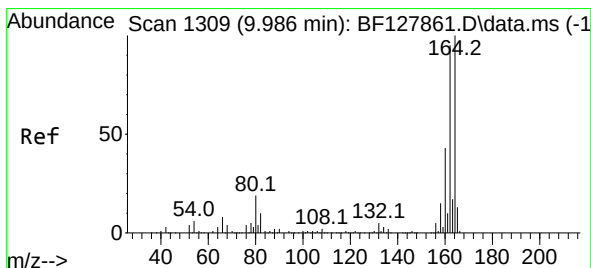
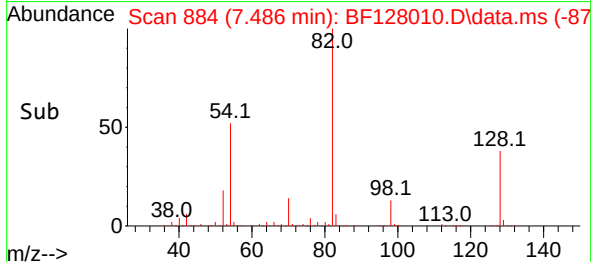
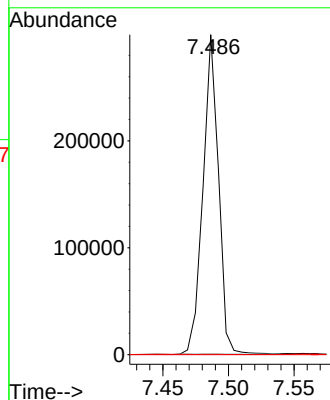
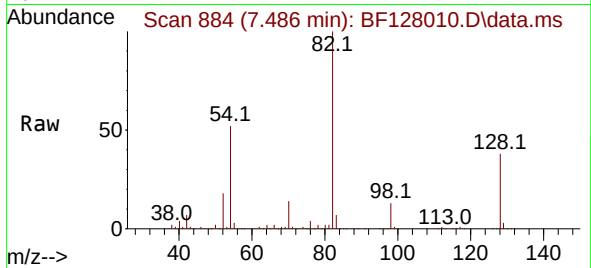




#25
Isophorone
Concen: 16.982 ng
RT: 7.486 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128010.D
Acq: 29 Apr 2022 22:29

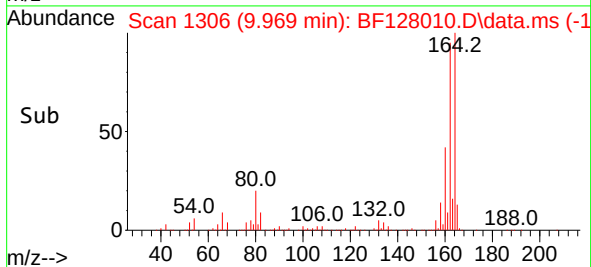
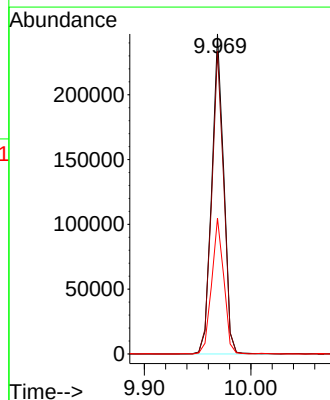
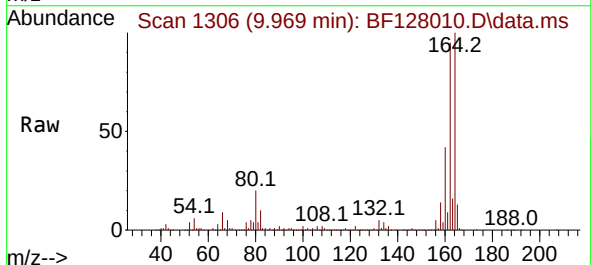
Instrument :
BNA_F
ClientSampleId :
TR-04-042822

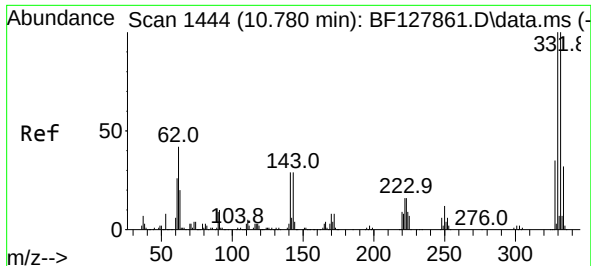
Tgt Ion: 82 Resp: 247266
Ion Ratio Lower Upper
82 100
95 0.2 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128010.D
Acq: 29 Apr 2022 22:29

Tgt Ion:164 Resp: 192411
Ion Ratio Lower Upper
164 100
162 94.6 76.0 114.0
160 42.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 38.134 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF128010.D

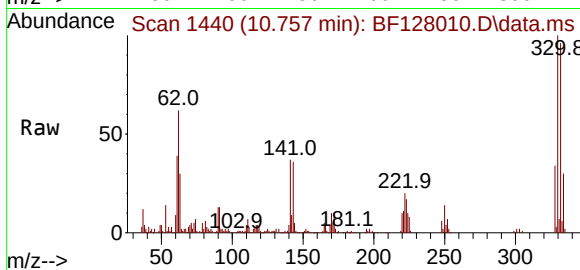
Acq: 29 Apr 2022 22:29

Instrument :

BNA_F

ClientSampleId :

TR-04-042822



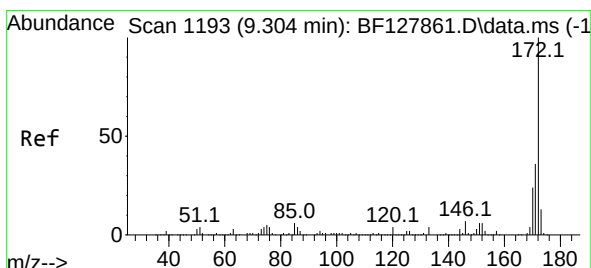
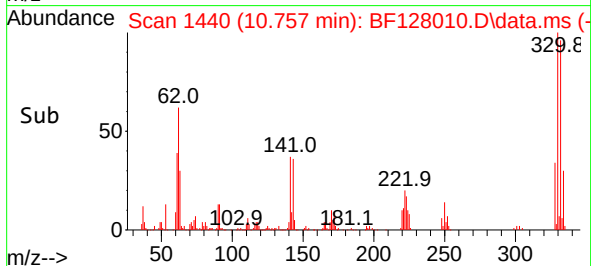
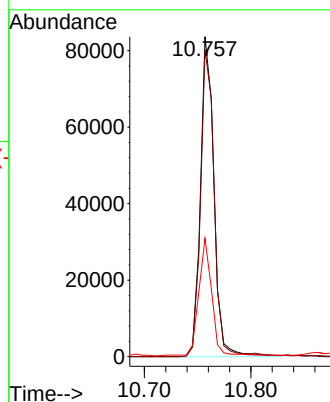
Tgt Ion:330 Resp: 73863

Ion Ratio Lower Upper

330 100

332 97.6 79.0 118.4

141 36.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 33.147 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF128010.D

Acq: 29 Apr 2022 22:29

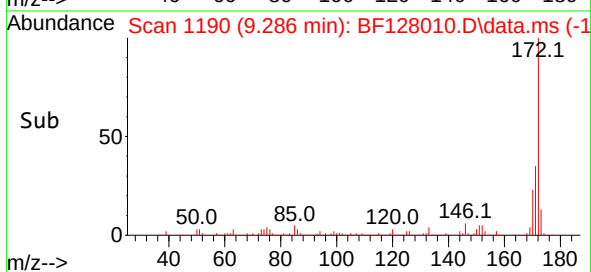
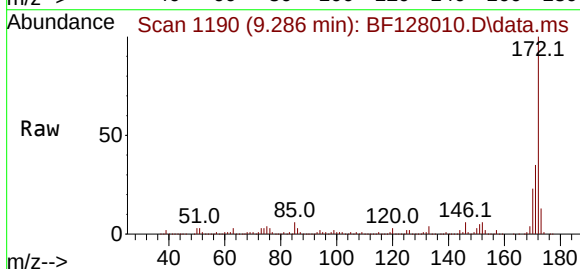
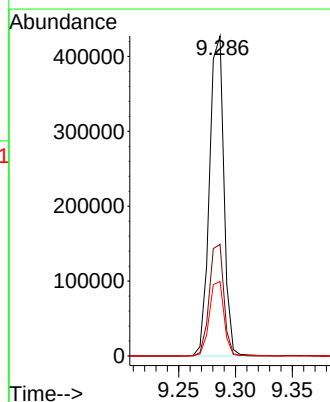
Tgt Ion:172 Resp: 377003

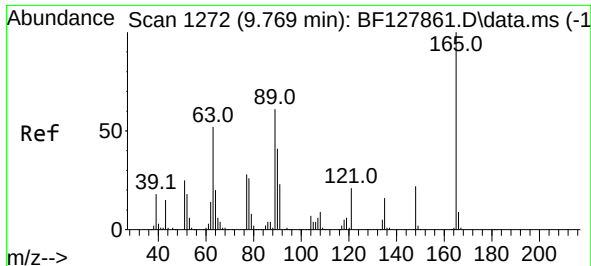
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.3 19.1 28.7

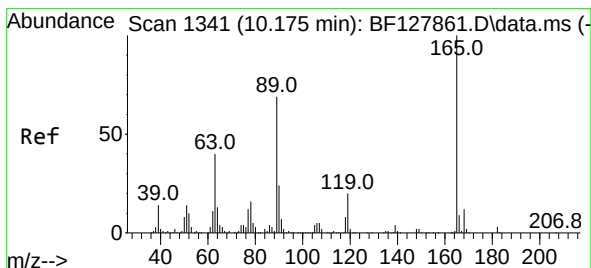
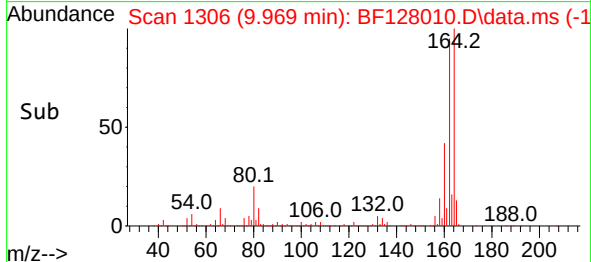
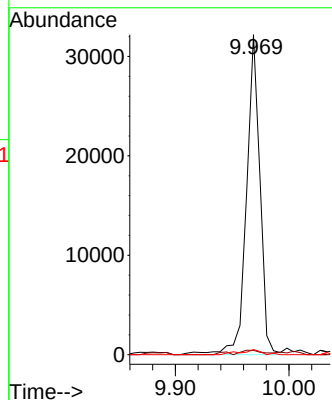
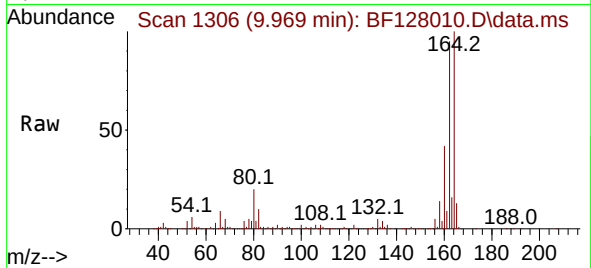




#51
2,6-Dinitrotoluene
Concen: 9.503 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128010.D
Acq: 29 Apr 2022 22:29

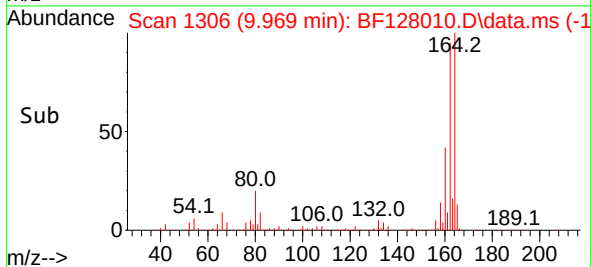
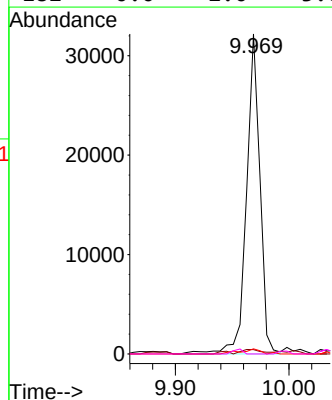
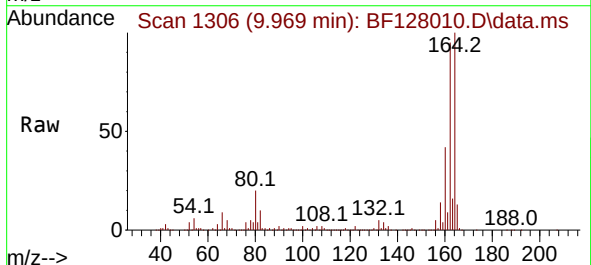
Instrument :
BNA_F
ClientSampleId :
TR-04-042822

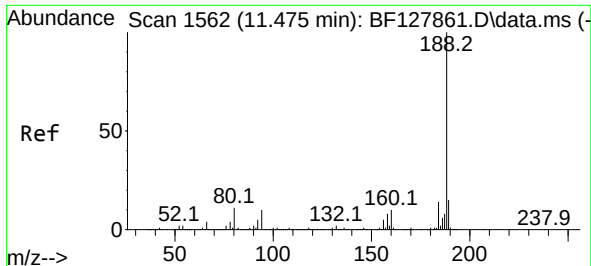
Tgt Ion:165 Resp: 26550
Ion Ratio Lower Upper
165 100
63 1.4 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.174 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF128010.D
Acq: 29 Apr 2022 22:29

Tgt Ion:165 Resp: 26550
Ion Ratio Lower Upper
165 100
63 1.4 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

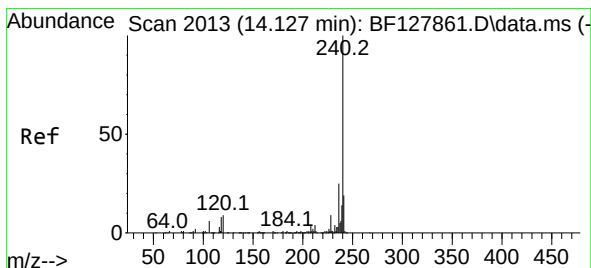
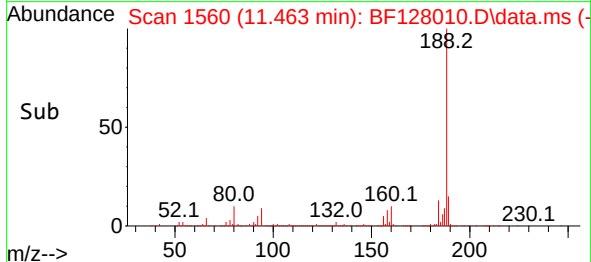
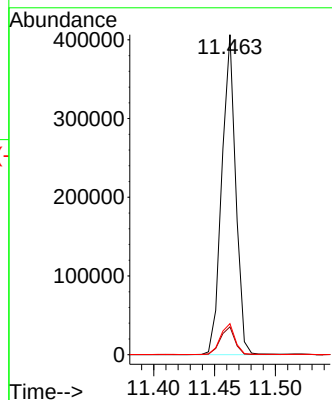
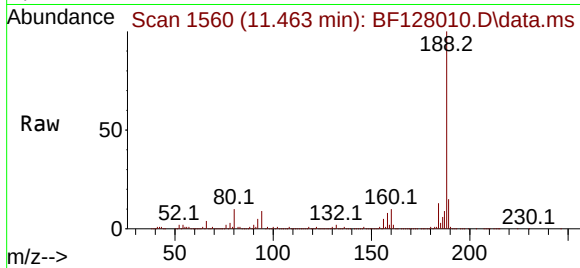




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128010.D
Acq: 29 Apr 2022 22:29

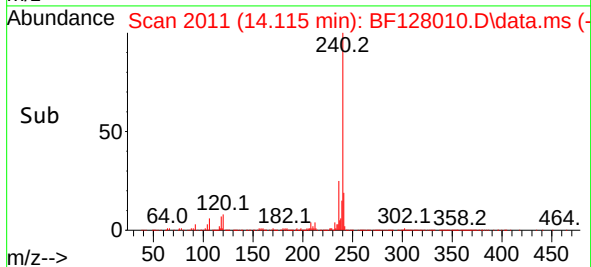
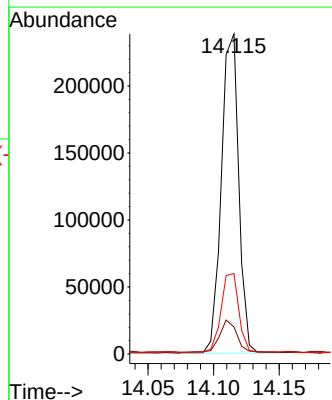
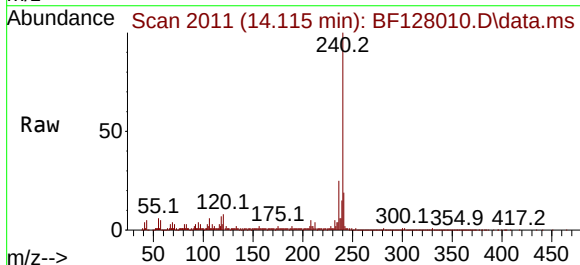
Instrument :
BNA_F
ClientSampleId :
TR-04-042822

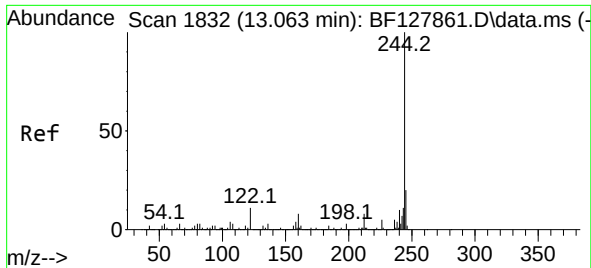
Tgt Ion:188 Resp: 324513
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF128010.D
Acq: 29 Apr 2022 22:29

Tgt Ion:240 Resp: 219425
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.2 20.3 30.5

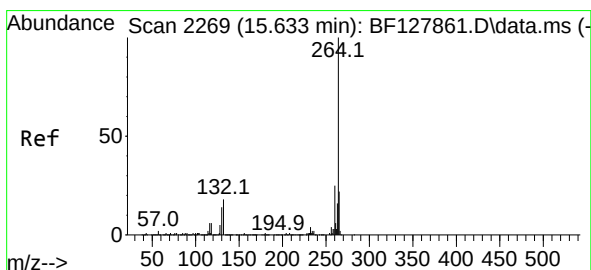
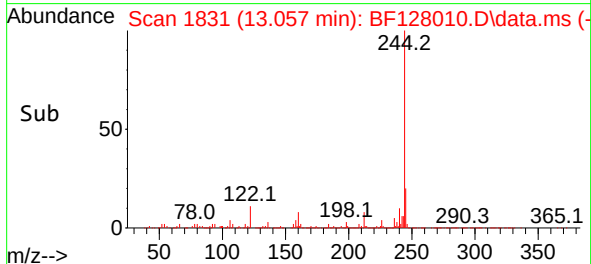
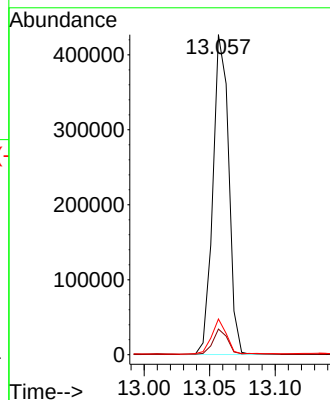
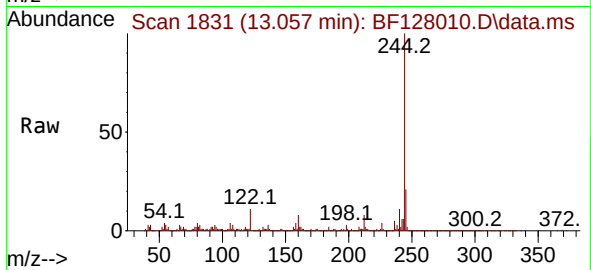




#79
 Terphenyl-d14
 Concen: 29.787 ng
 RT: 13.057 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF128010.D
 Acq: 29 Apr 2022 22:29

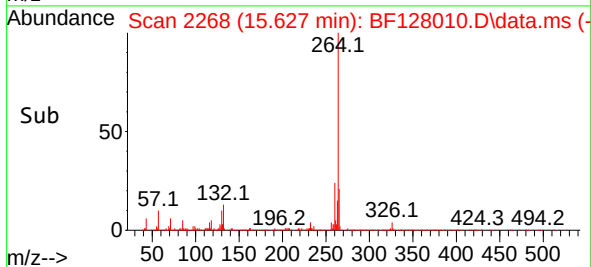
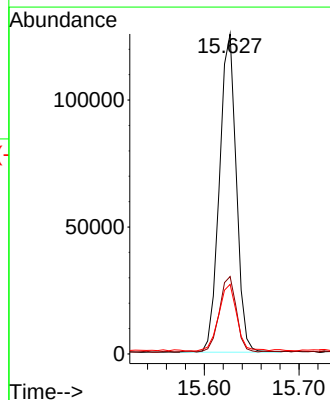
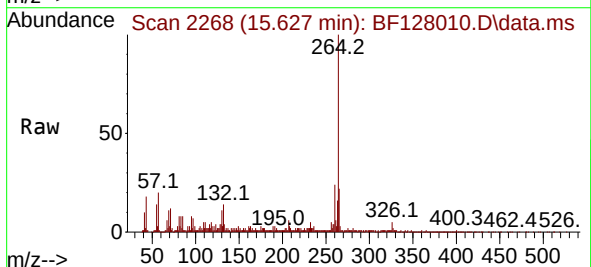
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-042822

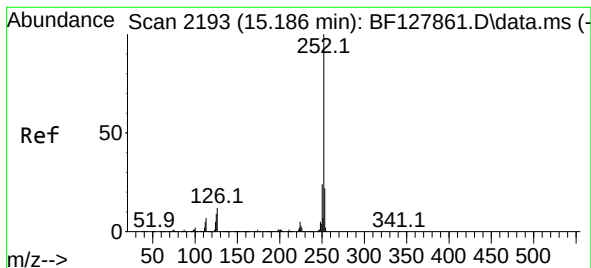
Tgt Ion:244 Resp: 357443
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 11.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. 0.006 min
 Lab File: BF128010.D
 Acq: 29 Apr 2022 22:29

Tgt Ion:264 Resp: 155236
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.1 30.1
 265 21.7 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 2.070 ng

RT: 15.174 min Scan# 2191

Delta R.T. -0.000 min

Lab File: BF128010.D

Acq: 29 Apr 2022 22:29

Instrument :

BNA_F

ClientSampleId :

TR-04-042822

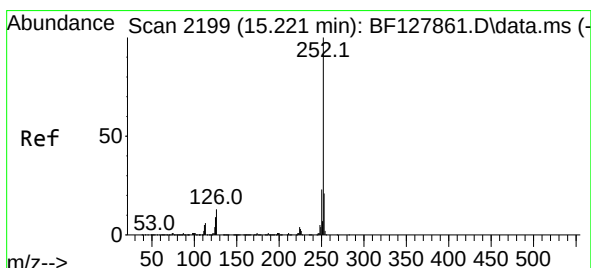
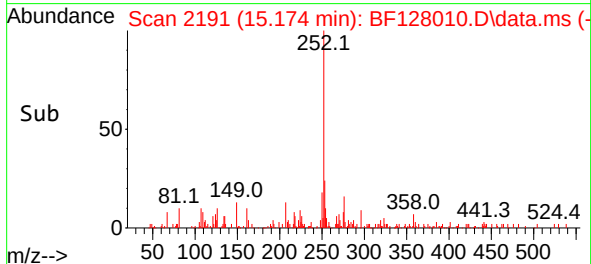
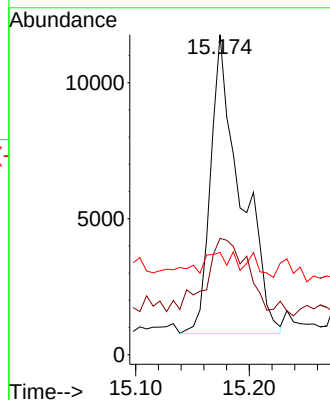
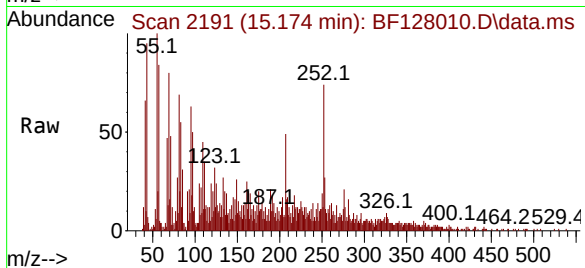
Tgt Ion:252 Resp: 20179

Ion Ratio Lower Upper

252 100

253 36.3 17.4 26.2#

125 31.9 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 2.054 ng

RT: 15.174 min Scan# 2191

Delta R.T. -0.035 min

Lab File: BF128010.D

Acq: 29 Apr 2022 22:29

Tgt Ion:252 Resp: 20179

Ion Ratio Lower Upper

252 100

253 36.3 17.0 25.4#

125 31.9 6.8 10.2#

