

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129796.D
 Acq On : 15 Aug 2022 23:24
 Operator : CG\JU
 Sample : N4200-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12

Quant Time: Aug 16 03:19:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

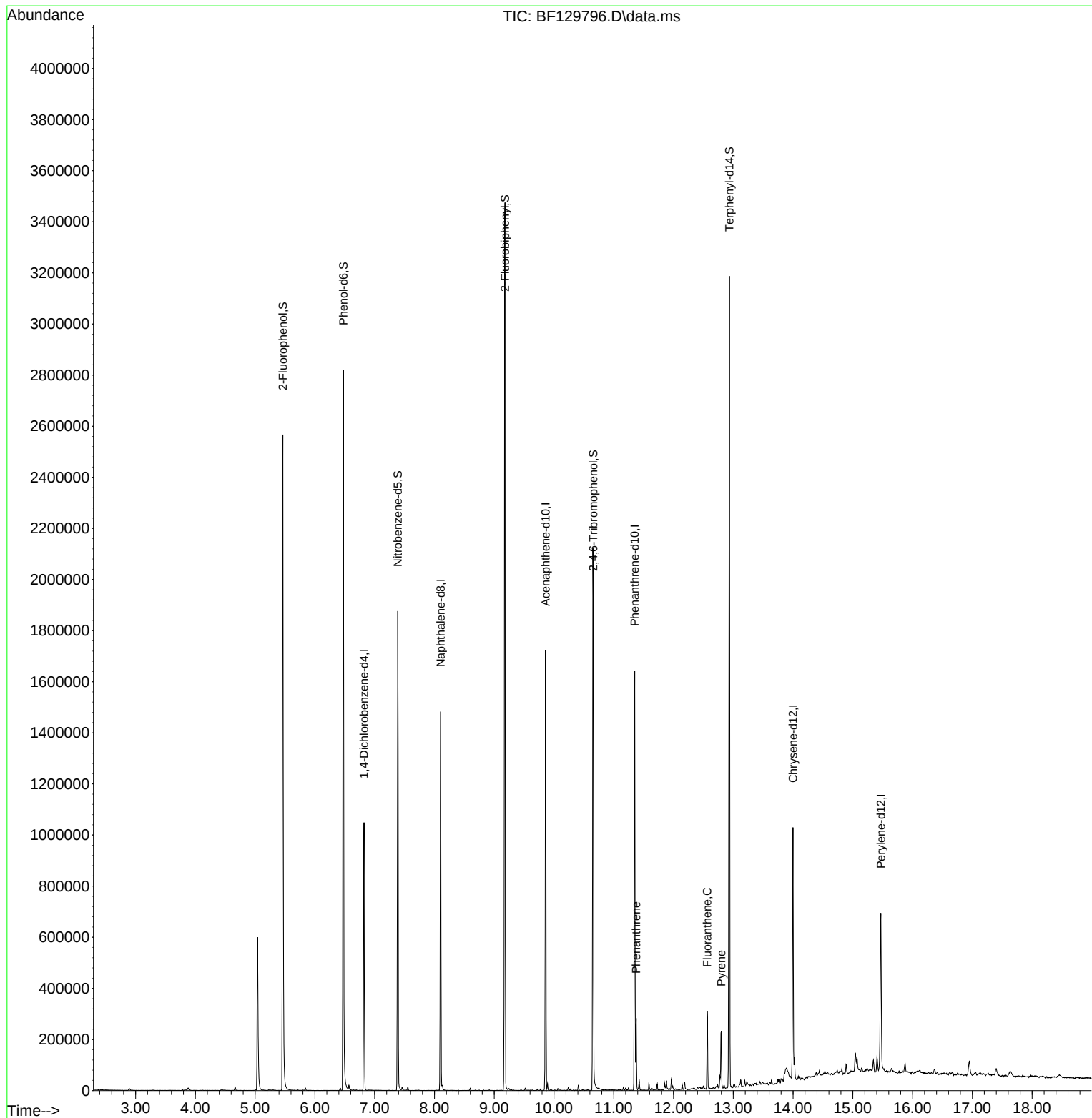
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	149952	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	630316	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	342372	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	567181	20.000	ng	0.00
76) Chrysene-d12	13.998	240	295292	20.000	ng	0.00
86) Perylene-d12	15.468	264	279252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	720058	79.505	ng	0.00
7) Phenol-d6	6.475	99	924913	81.551	ng	0.00
23) Nitrobenzene-d5	7.387	82	589334	50.051	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	252208	73.397	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1114472	49.439	ng	0.00
79) Terphenyl-d14	12.933	244	996427	56.147	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.375	178	96270	3.039	ng	99
75) Fluoranthene	12.563	202	115375	3.559	ng	97
78) Pyrene	12.798	202	92751	3.615	ng	98

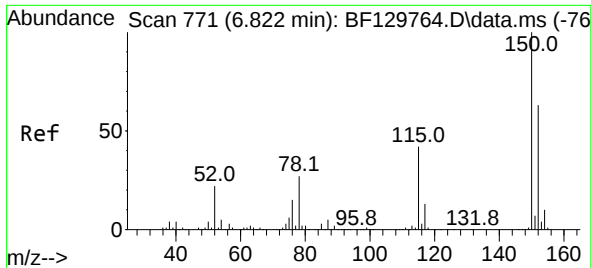
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129796.D
Acq On : 15 Aug 2022 23:24
Operator : CG\JU
Sample : N4200-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S12

Quant Time: Aug 16 03:19:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

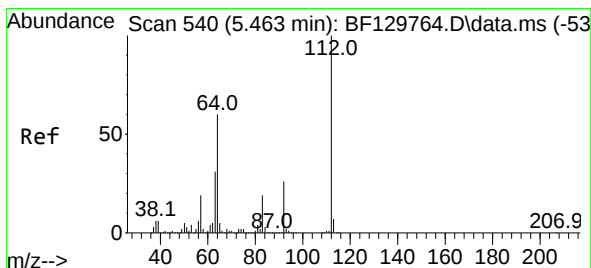
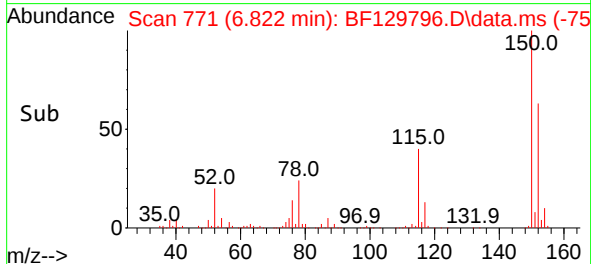
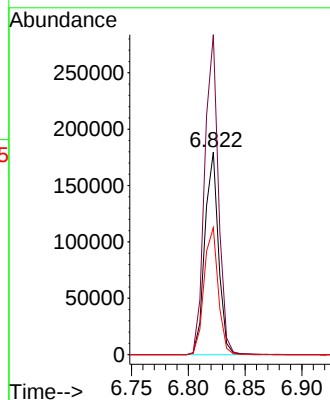
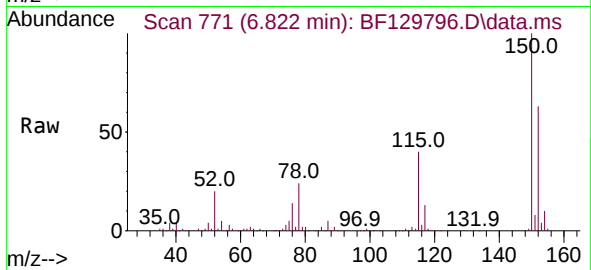




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129796.D
Acq: 15 Aug 2022 23:24

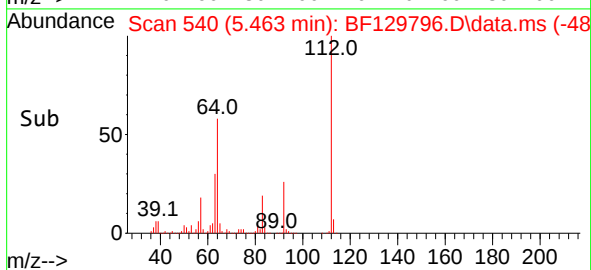
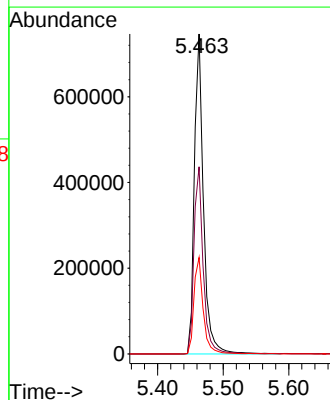
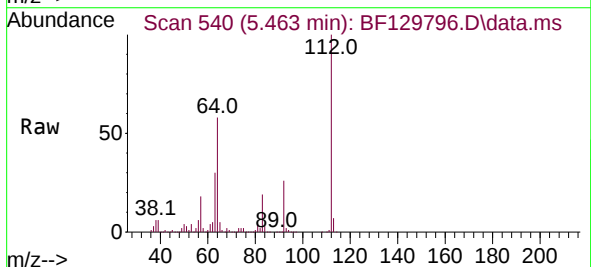
Instrument :
BNA_F
ClientSampleId :
S12

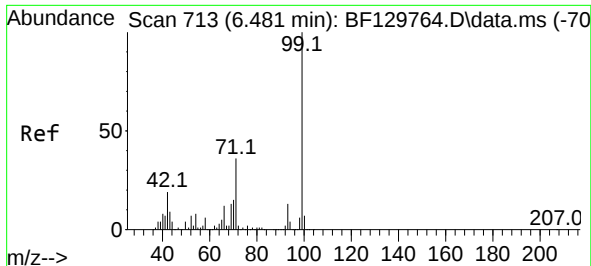
Tgt Ion:152 Resp: 149952
Ion Ratio Lower Upper
152 100
150 158.0 126.9 190.3
115 62.7 53.4 80.0



#5
2-Fluorophenol
Concen: 79.505 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129796.D
Acq: 15 Aug 2022 23:24

Tgt Ion:112 Resp: 720058
Ion Ratio Lower Upper
112 100
64 58.5 47.6 71.4
63 30.1 24.6 37.0

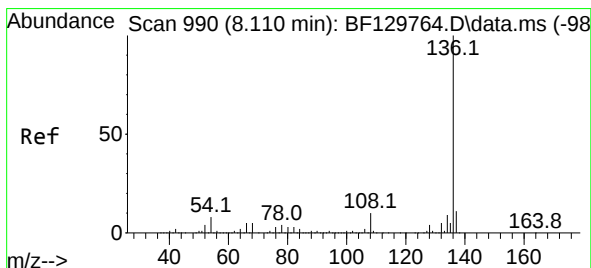
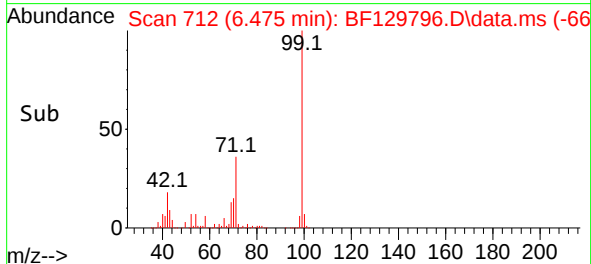
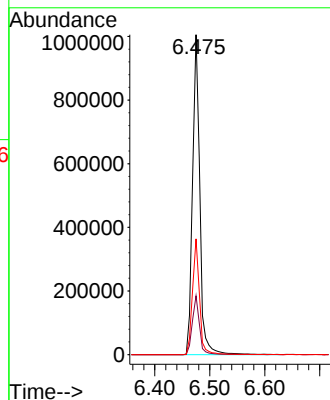
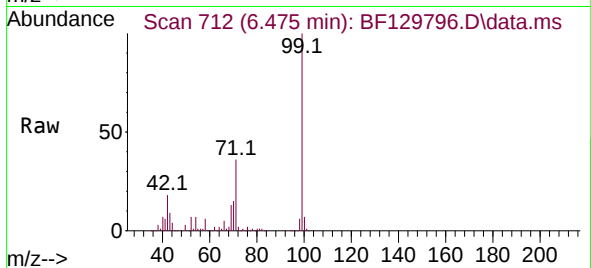




#7
Phenol-d6
Concen: 81.551 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129796.D
Acq: 15 Aug 2022 23:24

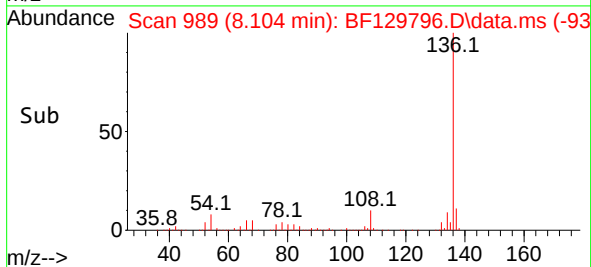
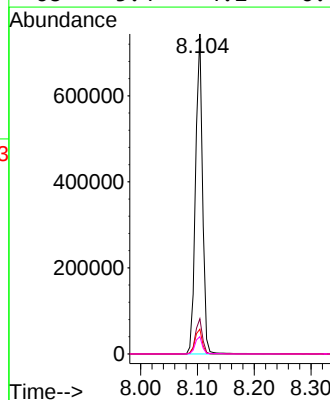
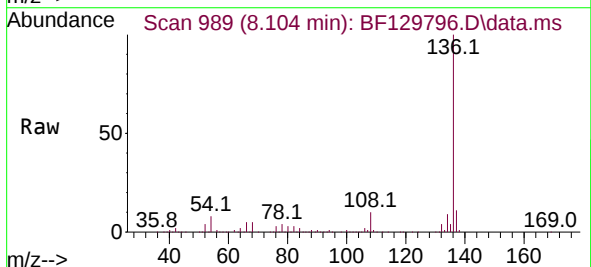
Instrument :
BNA_F
ClientSampleId :
S12

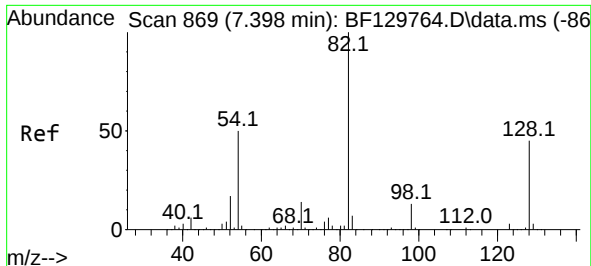
Tgt Ion: 99 Resp: 924913
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 36.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129796.D
Acq: 15 Aug 2022 23:24

Tgt Ion: 136 Resp: 630316
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.2 9.2
68 5.4 4.2 6.4

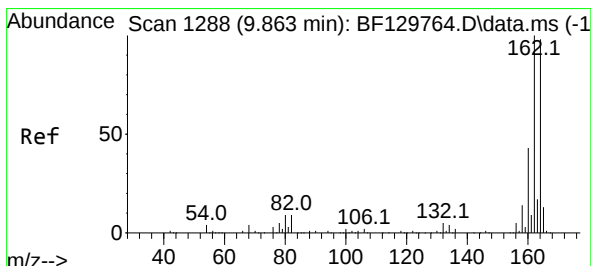
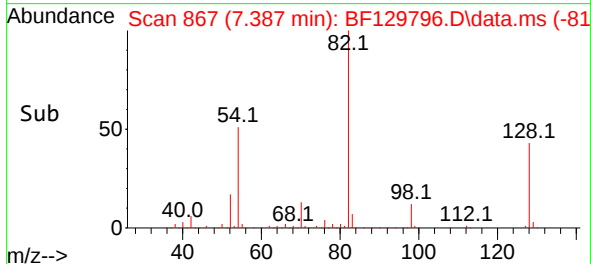
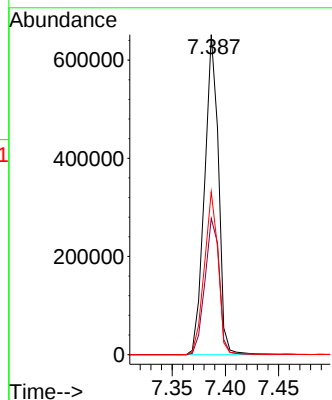
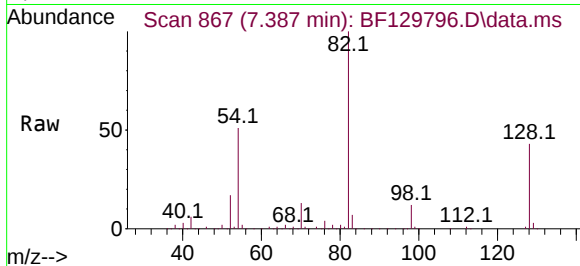




#23
Nitrobenzene-d5
Concen: 50.051 ng
RT: 7.387 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129796.D
Acq: 15 Aug 2022 23:24

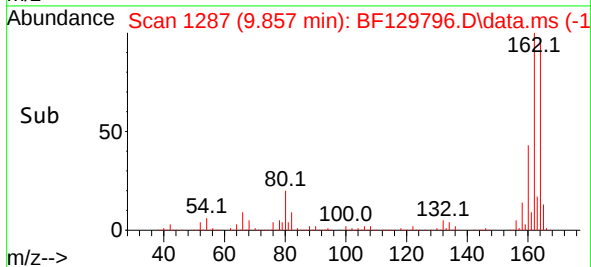
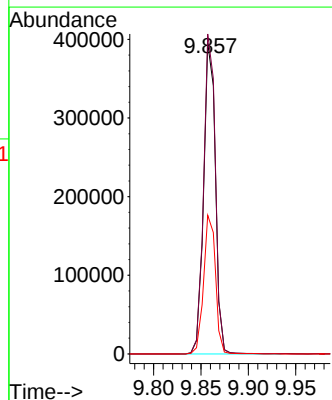
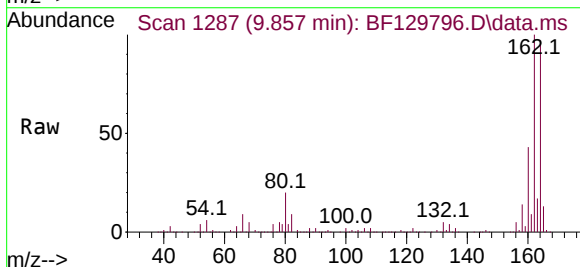
Instrument :
BNA_F
ClientSampleId :
S12

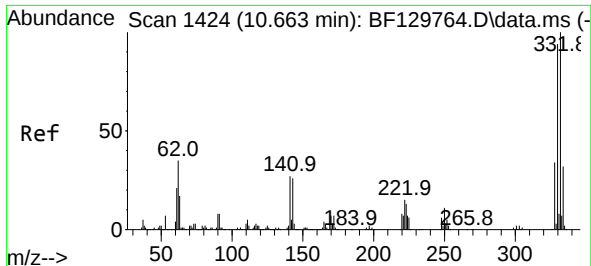
Tgt Ion: 82 Resp: 589334
Ion Ratio Lower Upper
82 100
128 42.6 36.1 54.1
54 50.9 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129796.D
Acq: 15 Aug 2022 23:24

Tgt Ion:164 Resp: 342372
Ion Ratio Lower Upper
164 100
162 102.9 82.0 123.0
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 73.397 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129796.D

Acq: 15 Aug 2022 23:24

Instrument :

BNA_F

ClientSampleId :

S12

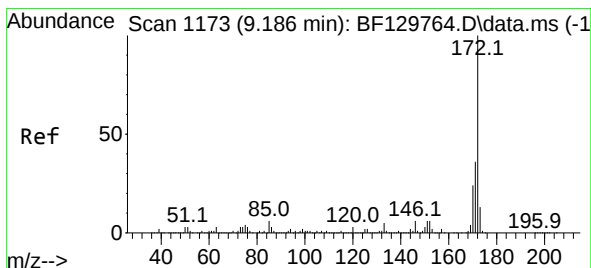
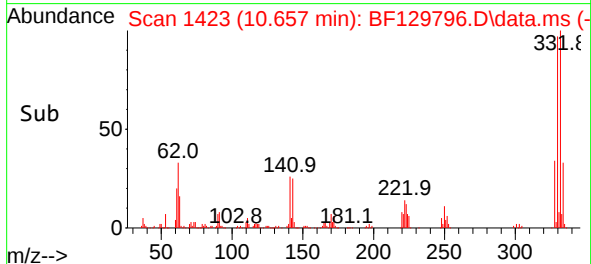
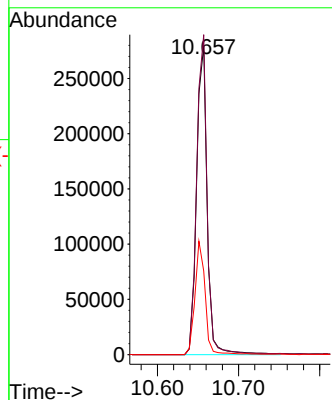
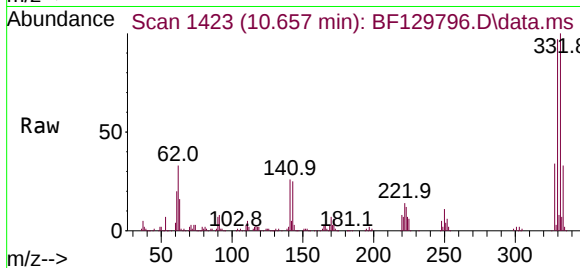
Tgt Ion:330 Resp: 252208

Ion Ratio Lower Upper

330 100

332 102.5 82.6 124.0

141 35.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 49.439 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129796.D

Acq: 15 Aug 2022 23:24

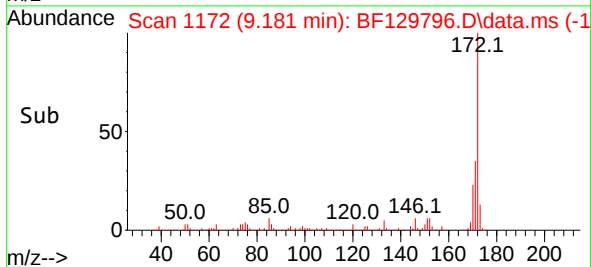
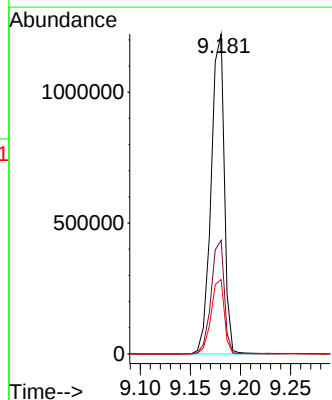
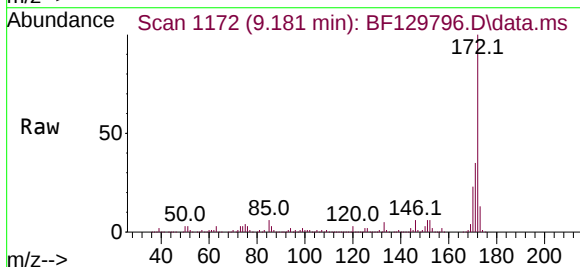
Tgt Ion:172 Resp: 1114472

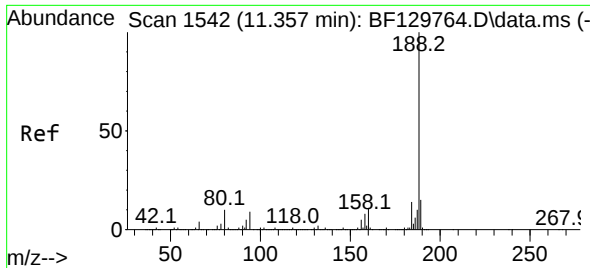
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.2 19.1 28.7

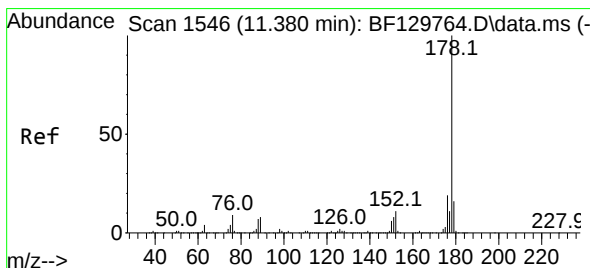
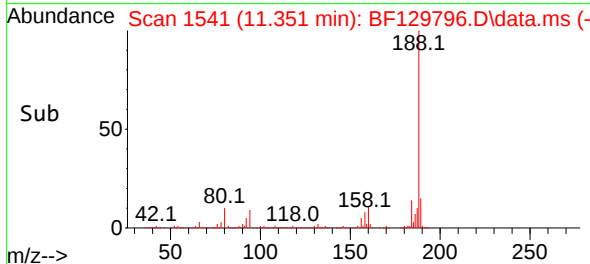
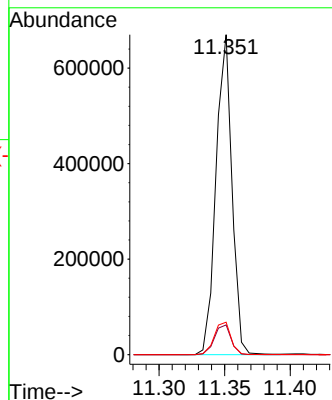
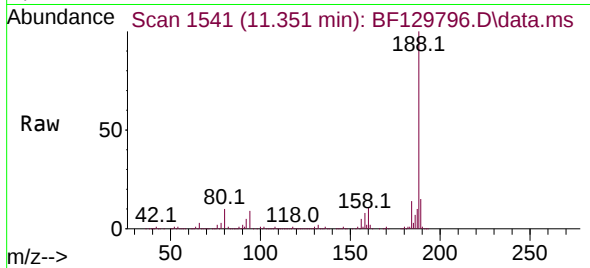




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129796.D
Acq: 15 Aug 2022 23:24

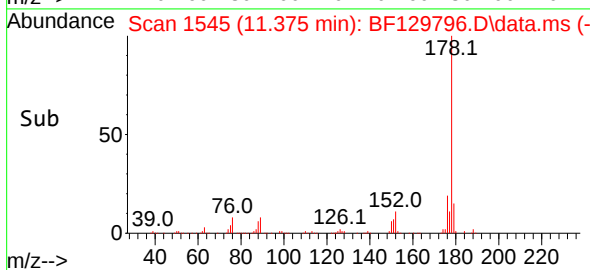
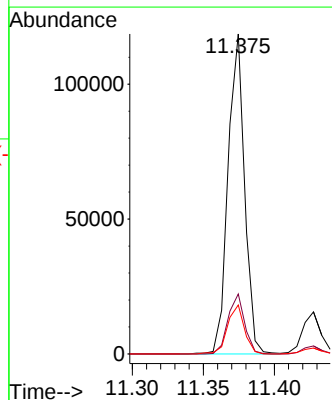
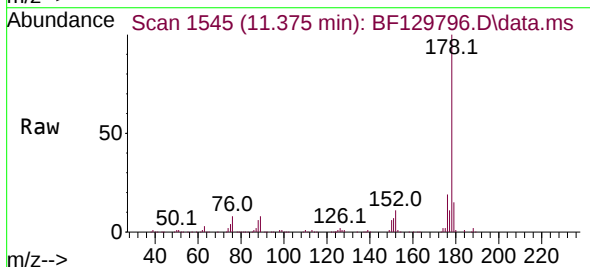
Instrument :
BNA_F
ClientSampleId :
S12

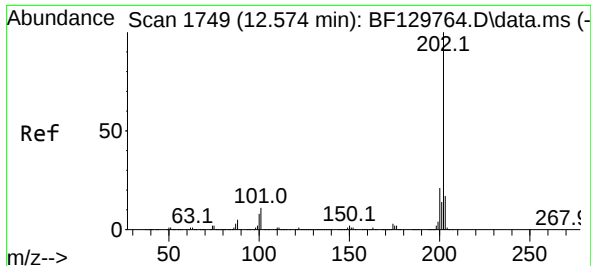
Tgt Ion:188 Resp: 567181
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.1 7.9 11.9



#71
Phenanthrene
Concen: 3.039 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129796.D
Acq: 15 Aug 2022 23:24

Tgt Ion:178 Resp: 96270
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.3 12.5 18.7

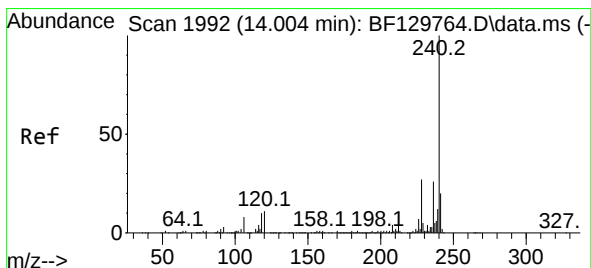
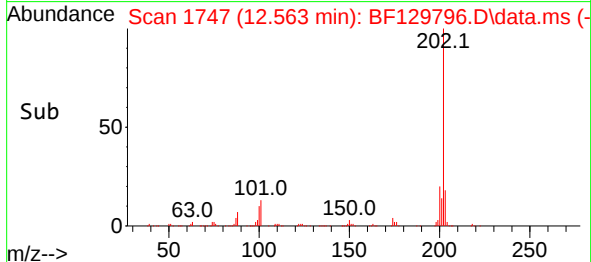
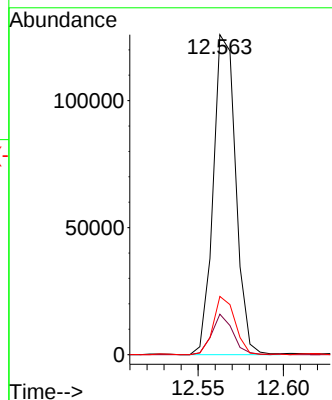
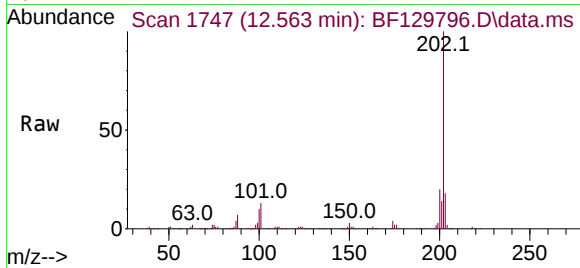




#75
Fluoranthene
Concen: 3.559 ng
RT: 12.563 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BF129796.D
Acq: 15 Aug 2022 23:24

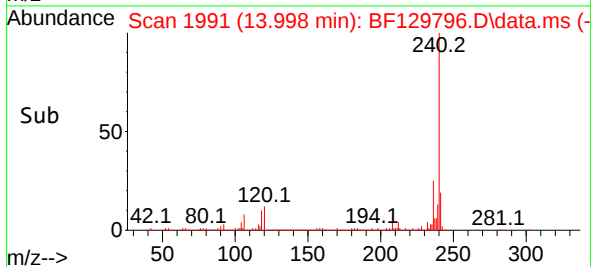
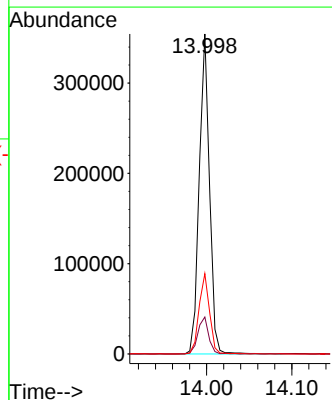
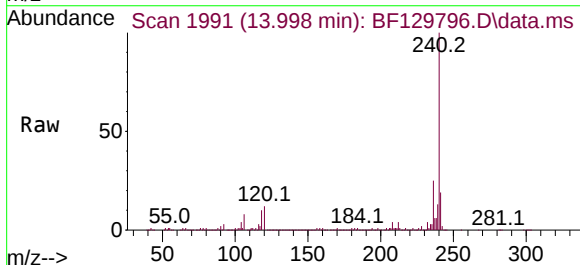
Instrument :
BNA_F
ClientSampleId :
S12

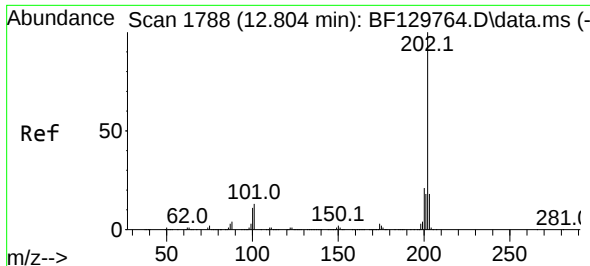
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.7
203	18.2	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129796.D
Acq: 15 Aug 2022 23:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.2	13.8
236	25.1	20.7	31.1

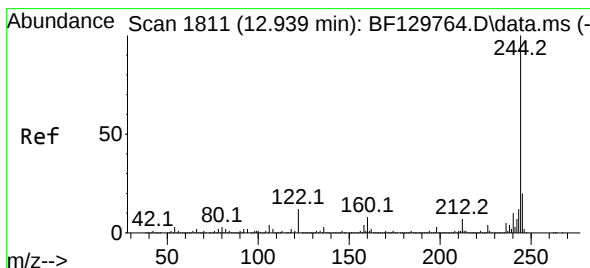
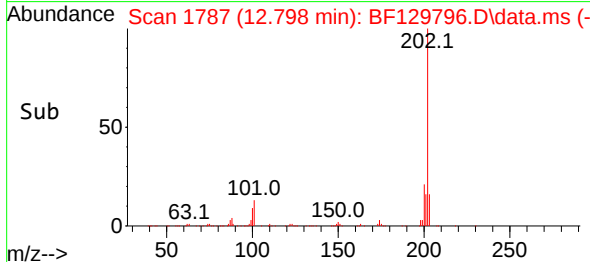
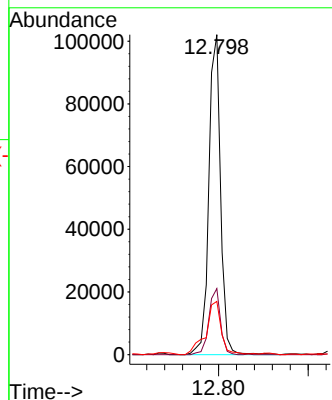
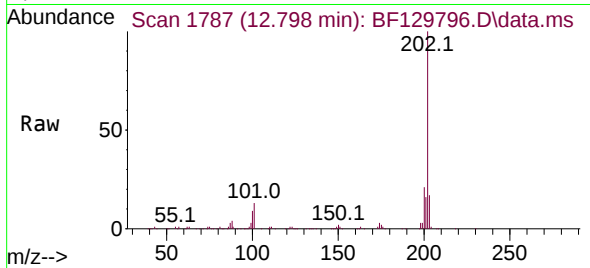




#78
 Pyrene
 Concen: 3.615 ng
 RT: 12.798 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: BF129796.D
 Acq: 15 Aug 2022 23:24

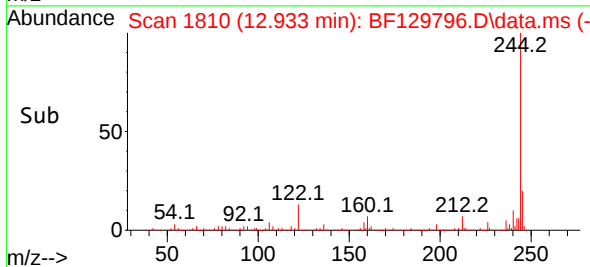
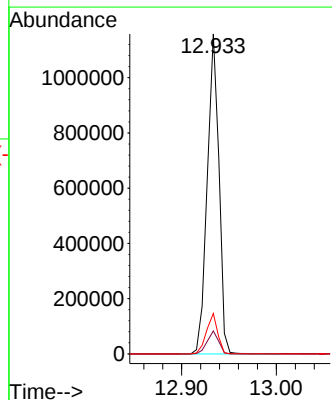
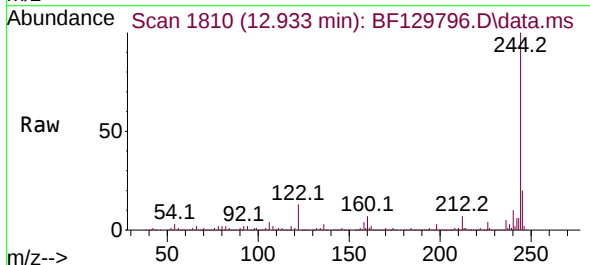
Instrument :
 BNA_F
 ClientSampleId :
 S12

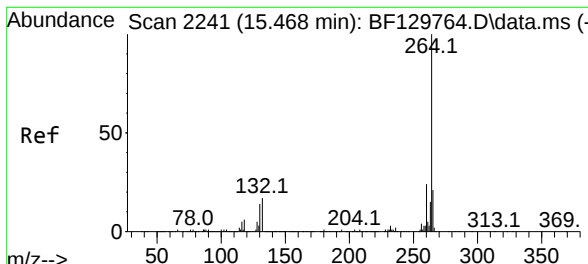
Tgt Ion:202 Resp: 92751
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.0 25.6
 203 16.6 14.1 21.1



#79
 Terphenyl-d14
 Concen: 56.147 ng
 RT: 12.933 min Scan# 1810
 Delta R.T. -0.006 min
 Lab File: BF129796.D
 Acq: 15 Aug 2022 23:24

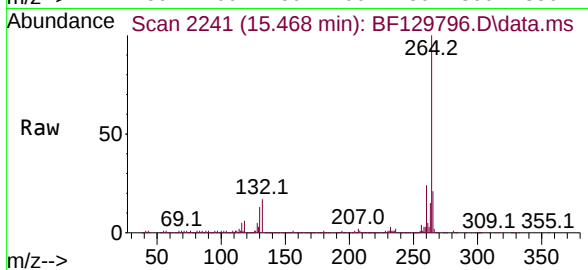
Tgt Ion:244 Resp: 996427
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.6 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129796.D
 Acq: 15 Aug 2022 23:24

Instrument :
 BNA_F
 ClientSampleId :
 S12



Tgt Ion:264 Resp: 279252
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.1 16.7 25.1

