

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133136.D
 Acq On : 28 Apr 2023 22:58
 Operator : CG\JU
 Sample : 02495-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-X

Quant Time: May 01 03:09:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

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

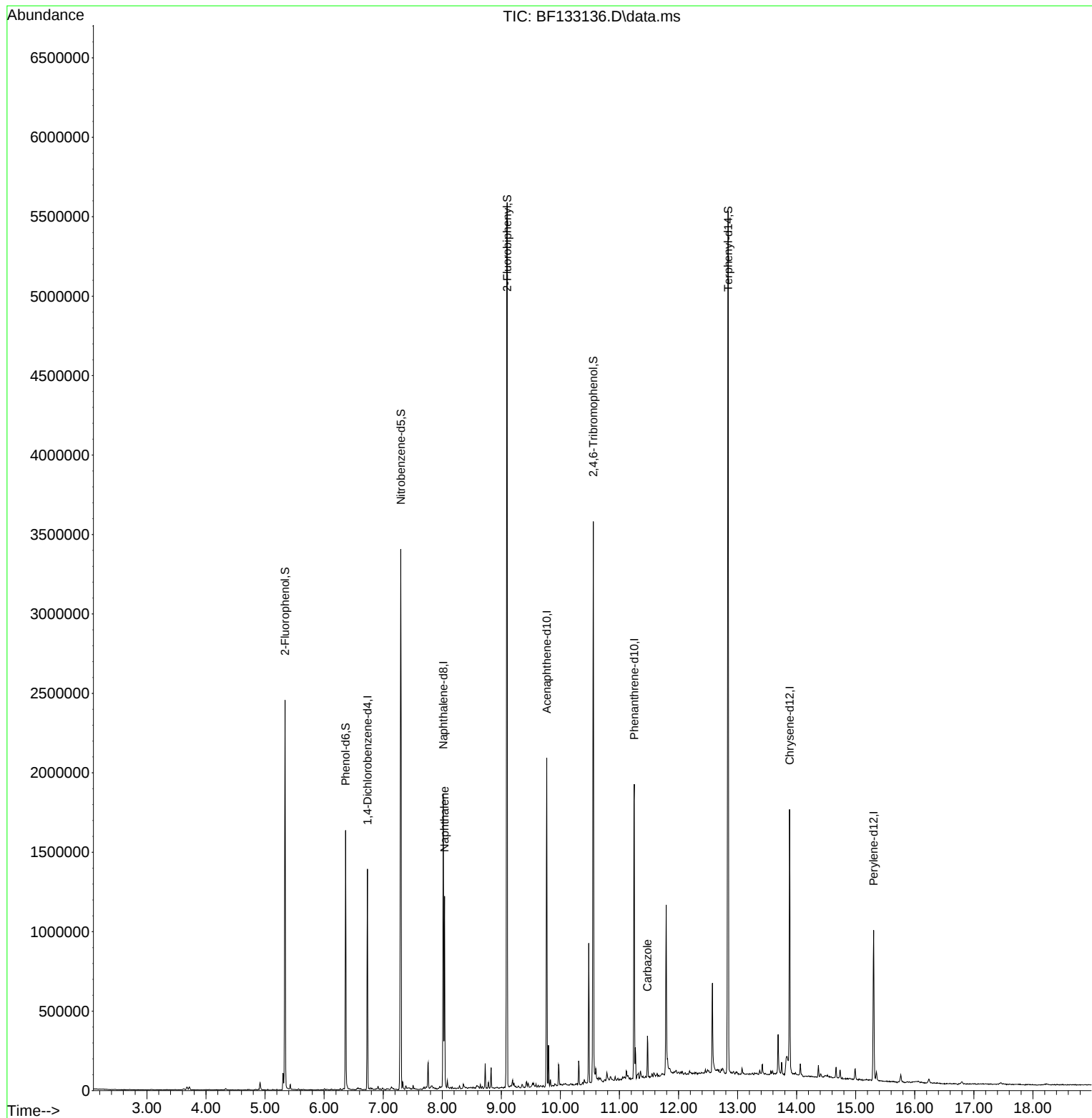
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	178728	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	741436	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	377443	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	676993	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	502251	20.000	ng	-0.01
86) Perylene-d12	15.304	264	380375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	632445	53.454	ng	0.00
7) Phenol-d6	6.363	99	466368	31.757	ng	-0.02
23) Nitrobenzene-d5	7.298	82	1091620	79.470	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	447773	117.962	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1826912	80.977	ng	0.00
79) Terphenyl-d14	12.839	244	1994365	68.484	ng	0.00
Target Compounds						
31) Naphthalene	8.039	128	427161	11.523	ng	99
73) Carbazole	11.475	167	97814	2.950	ng	99

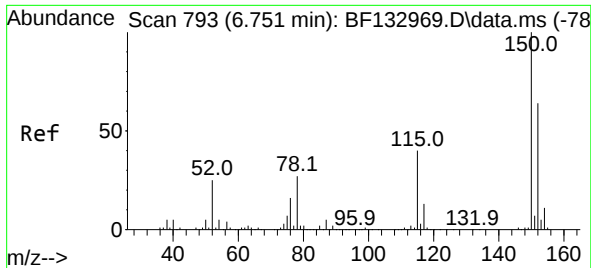
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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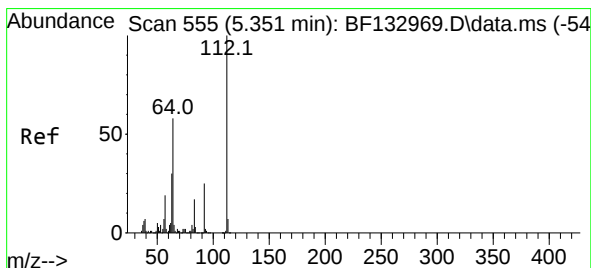
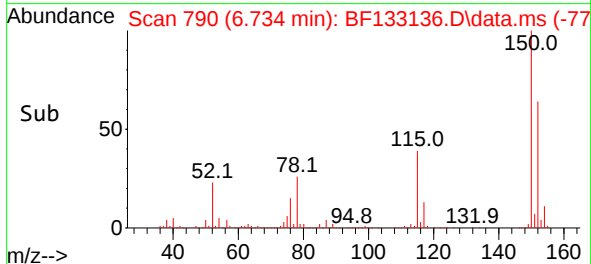
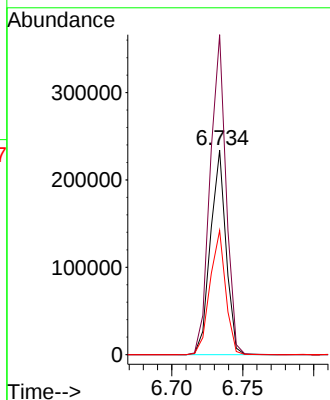
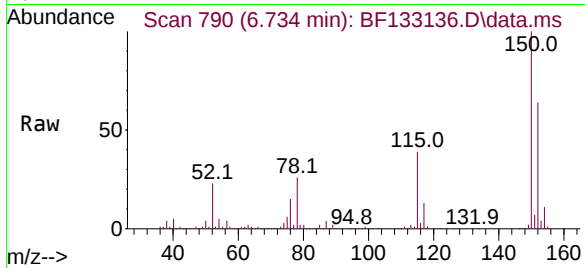




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133136.D
Acq: 28 Apr 2023 22:58

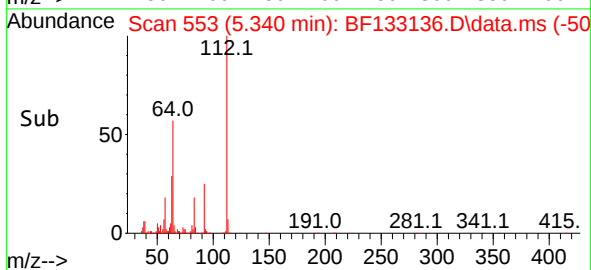
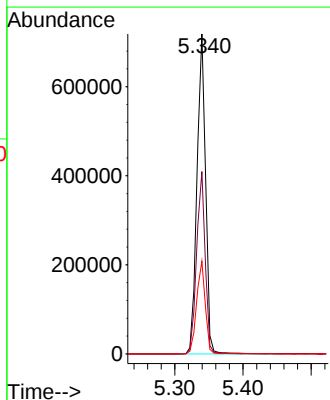
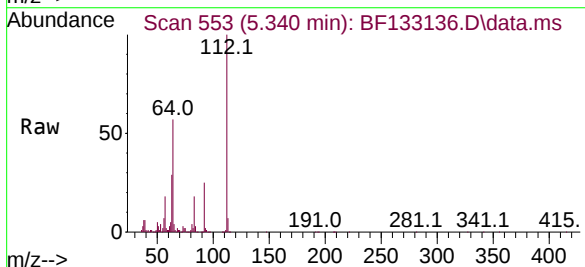
Instrument :
BNA_F
ClientSampleId :
GMW-X

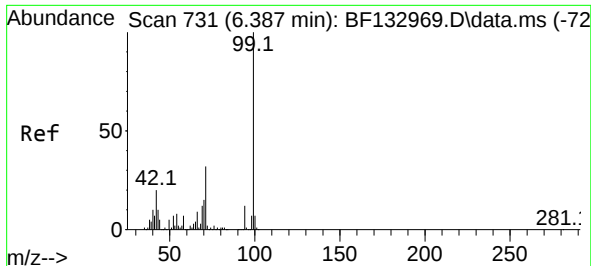
Tgt Ion:152 Resp: 178728
Ion Ratio Lower Upper
152 100
150 156.6 124.8 187.2
115 60.7 49.9 74.9



#5
2-Fluorophenol
Concen: 53.454 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133136.D
Acq: 28 Apr 2023 22:58

Tgt Ion:112 Resp: 632445
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.0 23.8 35.8

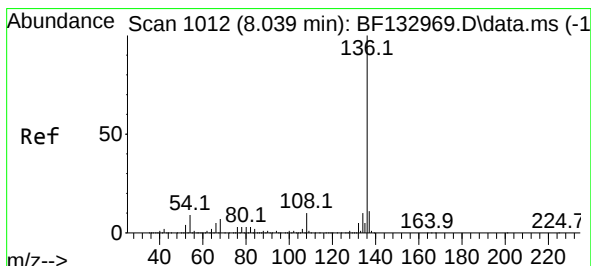
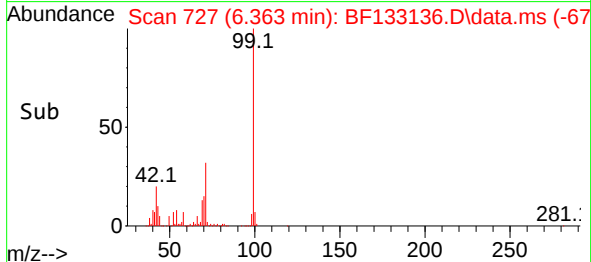
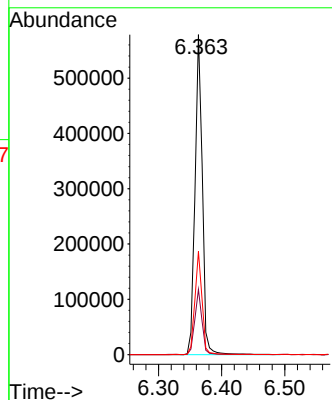
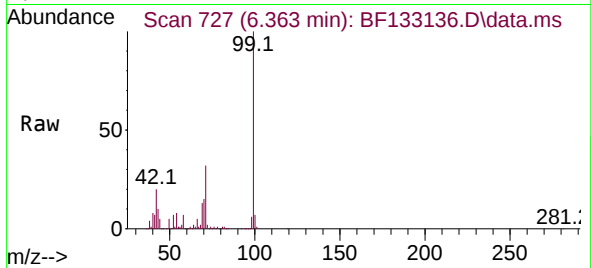




#7
Phenol-d6
Concen: 31.757 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF133136.D
Acq: 28 Apr 2023 22:58

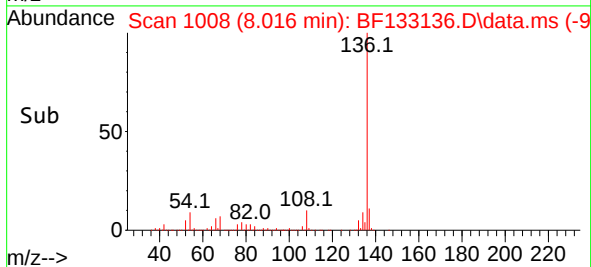
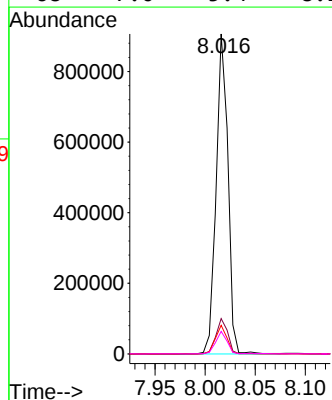
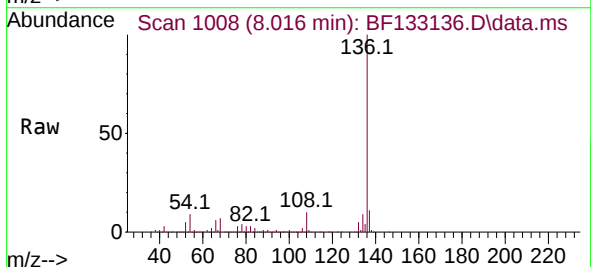
Instrument :
BNA_F
ClientSampleId :
GMW-X

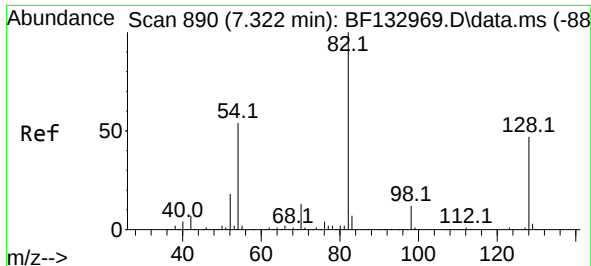
Tgt Ion: 99 Resp: 466368
Ion Ratio Lower Upper
99 100
42 20.4 16.3 24.5
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133136.D
Acq: 28 Apr 2023 22:58

Tgt Ion: 136 Resp: 741436
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 7.0 10.4
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.470 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF133136.D

Acq: 28 Apr 2023 22:58

Instrument :

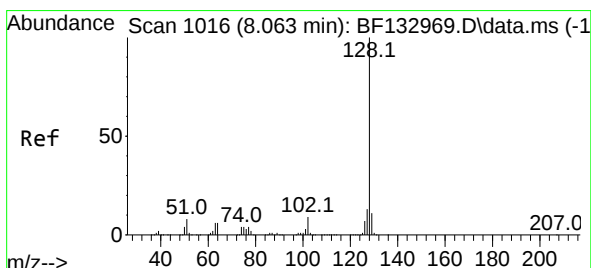
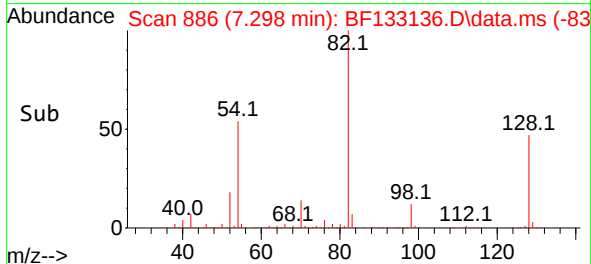
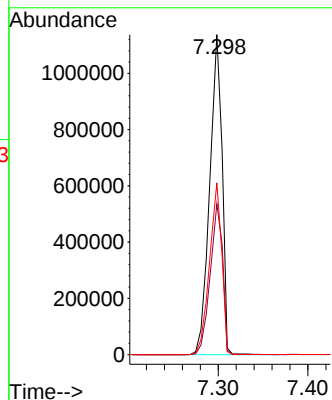
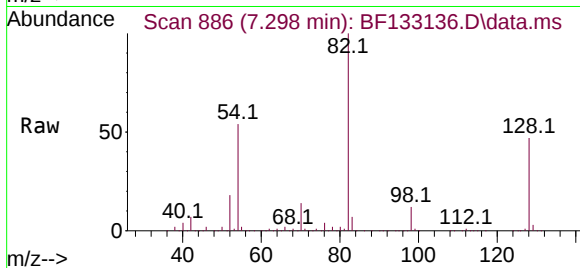
BNA_F

ClientSampleId :

GMW-X

Tgt Ion: 82 Resp: 1091620

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.7	56.5
54	53.7	43.0	64.4



#31

Naphthalene

Concen: 11.523 ng

RT: 8.039 min Scan# 1012

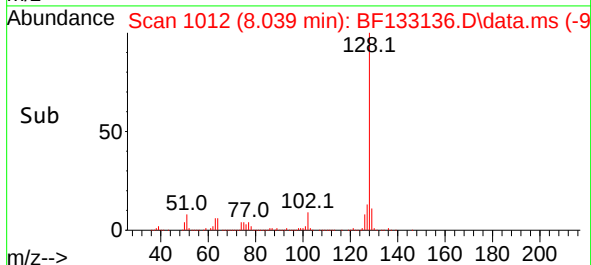
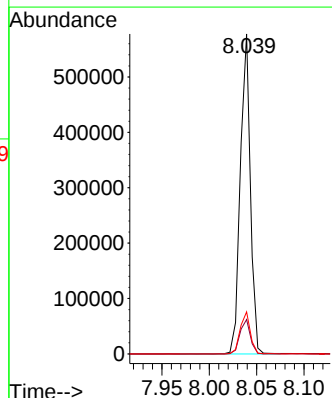
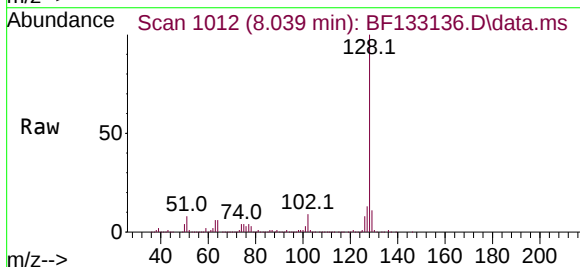
Delta R.T. -0.006 min

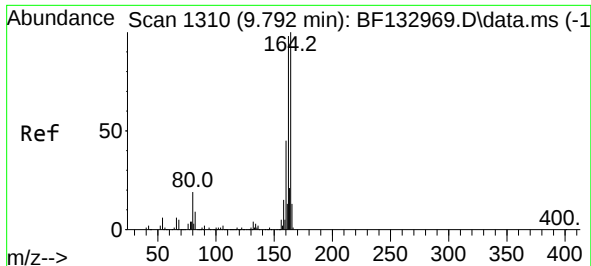
Lab File: BF133136.D

Acq: 28 Apr 2023 22:58

Tgt Ion: 128 Resp: 427161

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.1	10.7	16.1

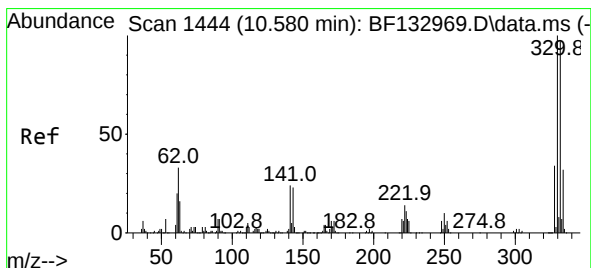
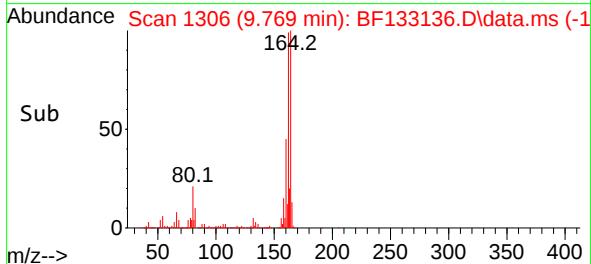
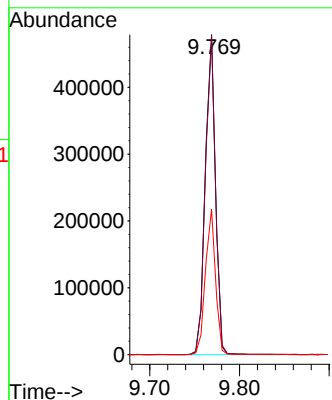
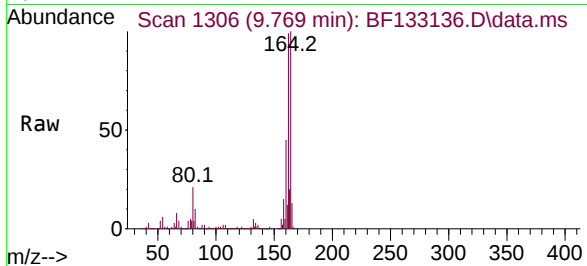




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF133136.D
Acq: 28 Apr 2023 22:58

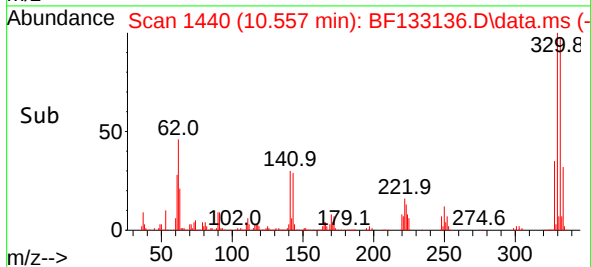
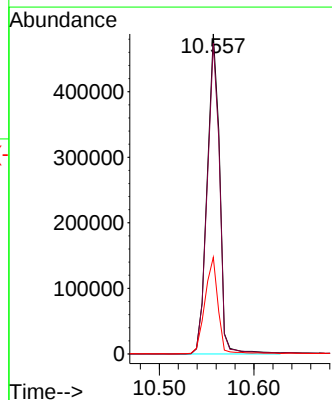
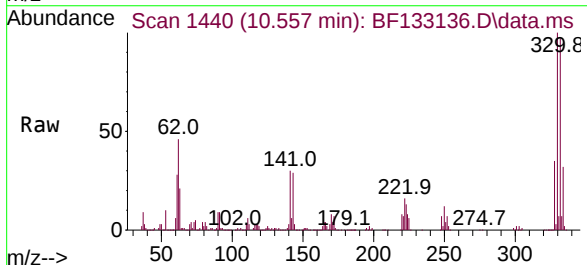
Instrument :
BNA_F
ClientSampleId :
GMW-X

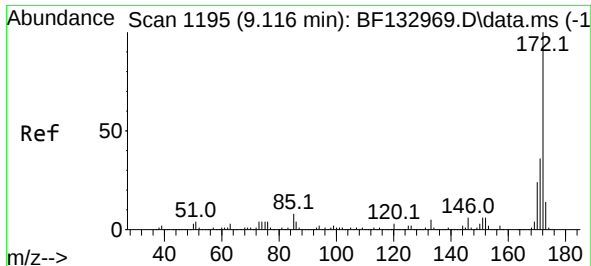
Tgt Ion:164 Resp: 377443
Ion Ratio Lower Upper
164 100
162 99.4 78.7 118.1
160 45.5 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 117.962 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133136.D
Acq: 28 Apr 2023 22:58

Tgt Ion:330 Resp: 447773
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 32.0 25.8 38.8

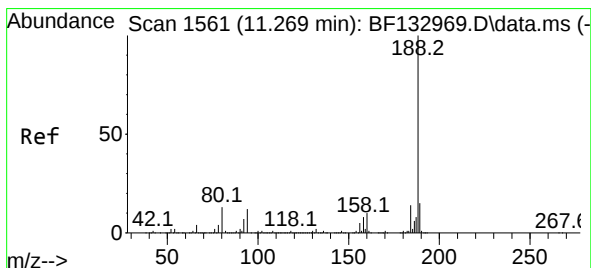
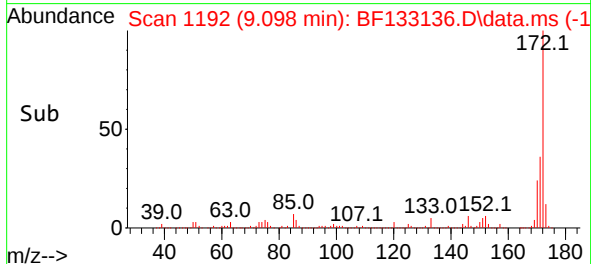
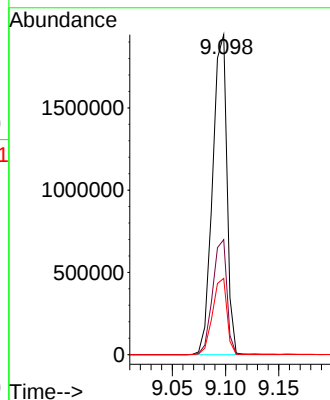
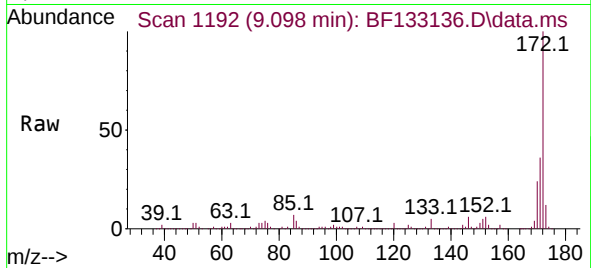




#45
2-Fluorobiphenyl
Concen: 80.977 ng
RT: 9.098 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133136.D
Acq: 28 Apr 2023 22:58

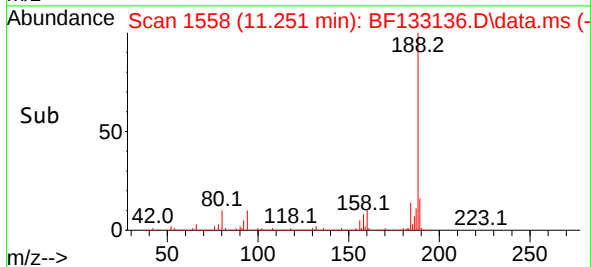
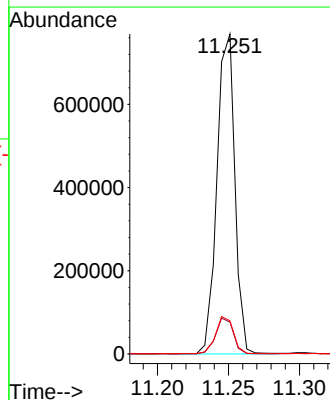
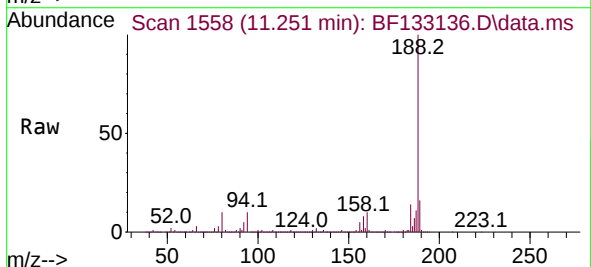
Instrument :
BNA_F
ClientSampleId :
GMW-X

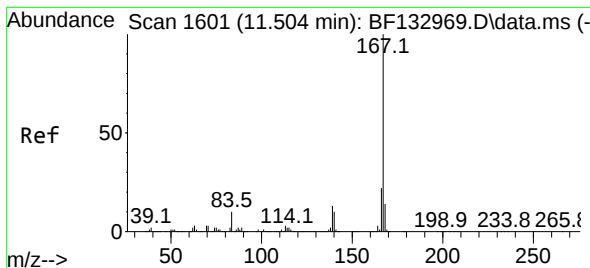
Tgt Ion:172 Resp: 1826912
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.8 19.4 29.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133136.D
Acq: 28 Apr 2023 22:58

Tgt Ion:188 Resp: 676993
Ion Ratio Lower Upper
188 100
94 9.9 9.7 14.5
80 10.3 10.4 15.6#





#73

Carbazole

Concen: 2.950 ng

RT: 11.475 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF133136.D

Acq: 28 Apr 2023 22:58

Instrument :

BNA_F

ClientSampleId :

GMW-X

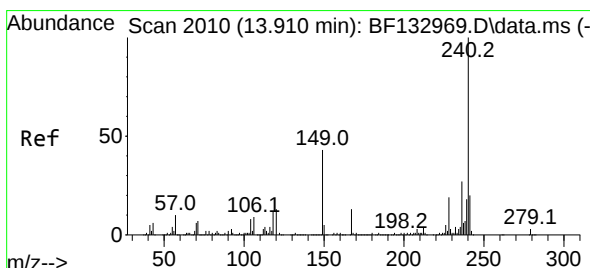
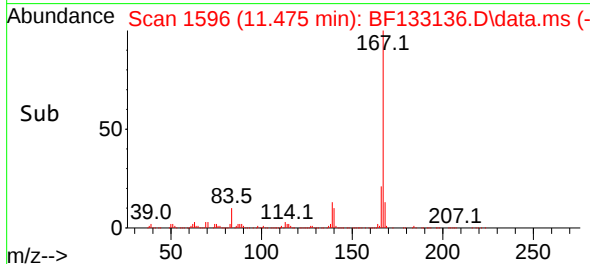
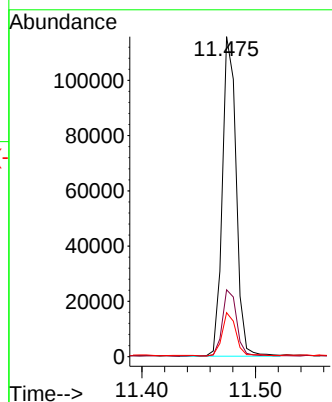
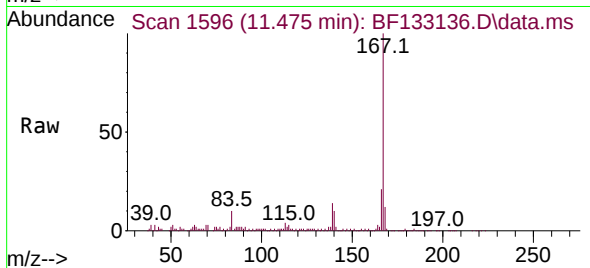
Tgt Ion:167 Resp: 97814

Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.0

139 13.7 10.6 16.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133136.D

Acq: 28 Apr 2023 22:58

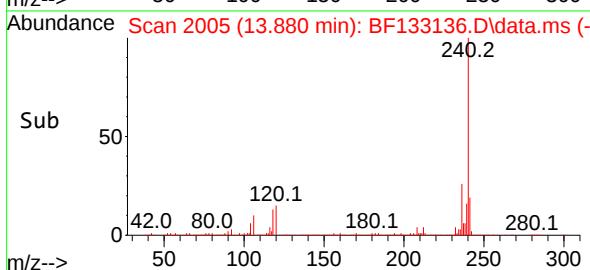
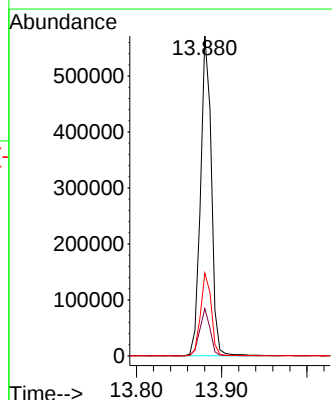
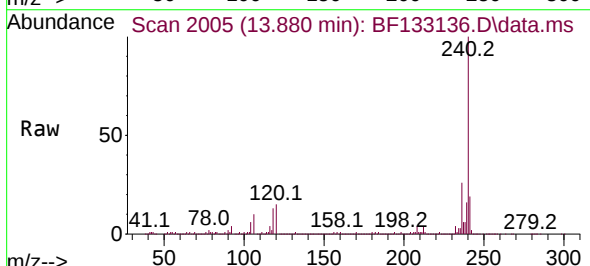
Tgt Ion:240 Resp: 502251

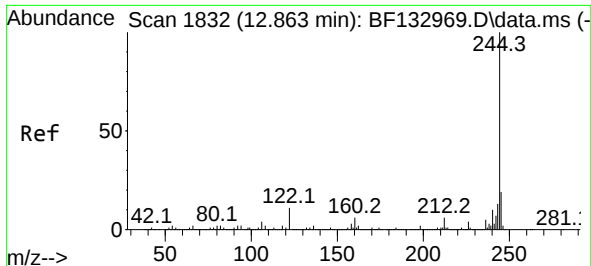
Ion Ratio Lower Upper

240 100

120 14.8 10.5 15.7

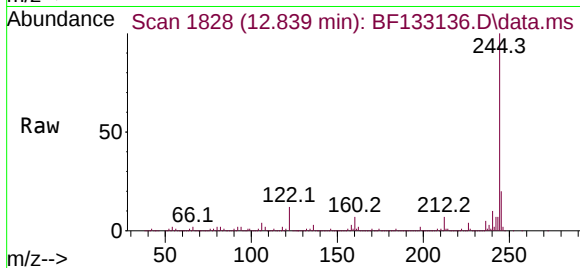
236 25.9 21.5 32.3



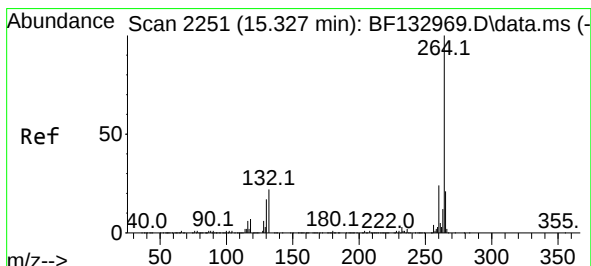
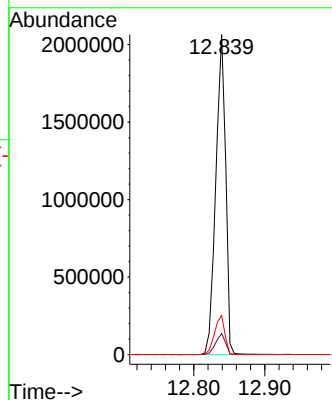
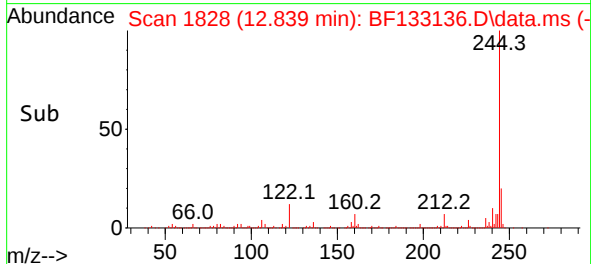


#79
 Terphenyl-d14
 Concen: 68.484 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133136.D
 Acq: 28 Apr 2023 22:58

Instrument :
 BNA_F
 ClientSampleId :
 GMW-X



Tgt Ion:244 Resp: 1994365
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133136.D
 Acq: 28 Apr 2023 22:58

Tgt Ion:264 Resp: 380375
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.6 17.0 25.4

