

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
 Data File : BF133398.D
 Acq On : 16 May 2023 12:49
 Operator : CG\JU
 Sample : PB152835BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152835BL

Quant Time: May 17 03:54:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	313099	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1309157	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	693866	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	1243711	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	802856	20.000	ng	0.00
86) Perylene-d12	15.304	264	650005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	2318047	111.839	ng	0.02
7) Phenol-d6	6.375	99	2783854	108.211	ng	0.00
23) Nitrobenzene-d5	7.293	82	1761621	72.632	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	724116	103.769	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2880410	69.450	ng	0.00
79) Terphenyl-d14	12.833	244	3275396	70.361	ng	0.00

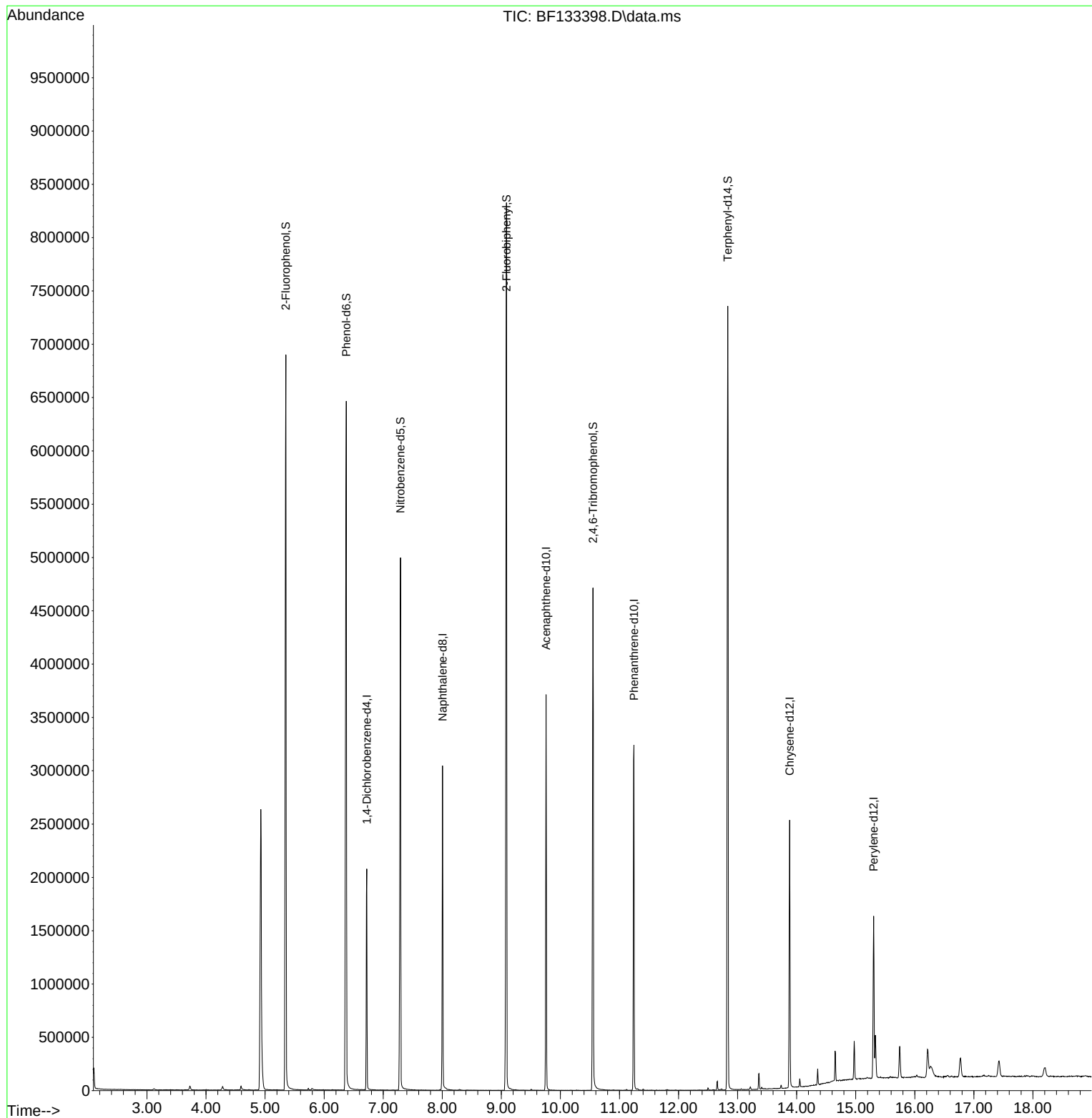
Target Compounds	Qvalue

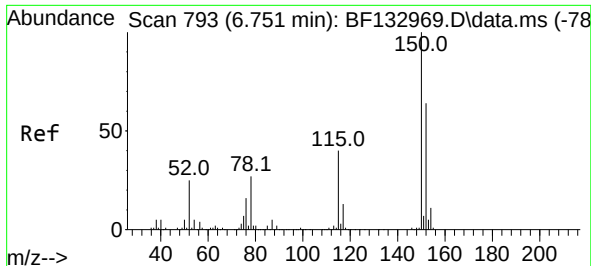
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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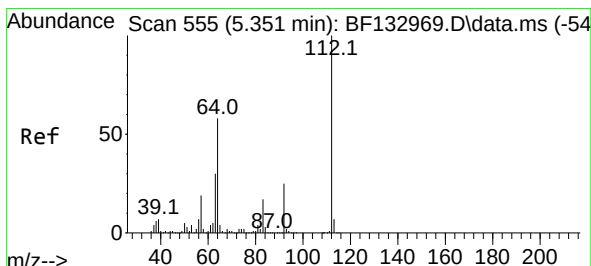
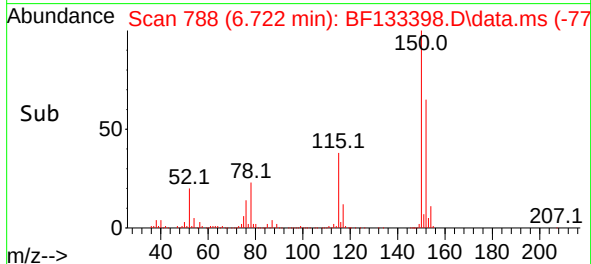
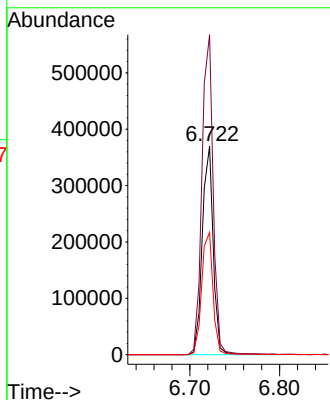
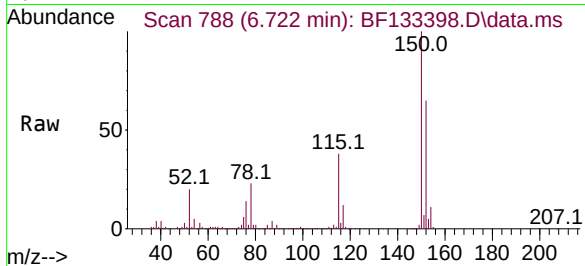




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: BF133398.D
 Acq: 16 May 2023 12:49

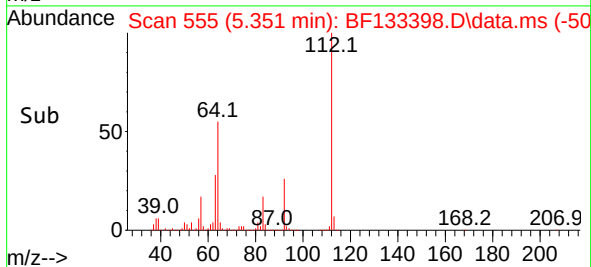
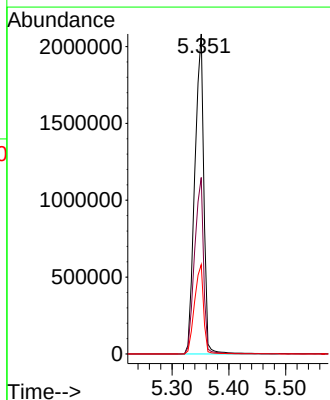
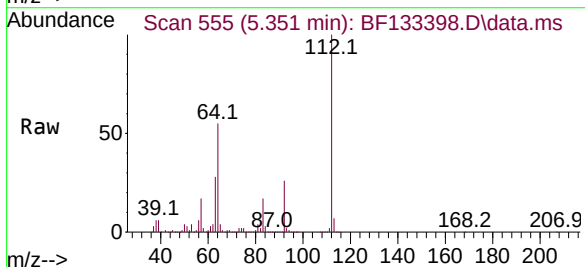
Instrument :
 BNA_F
 ClientSampleId :
 PB152835BL

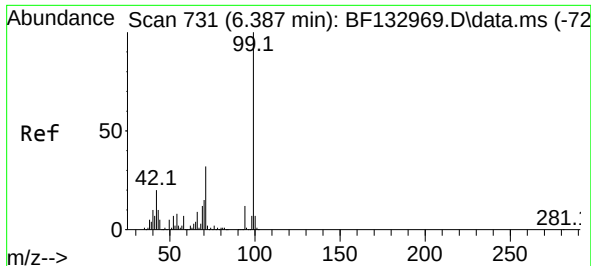
Tgt Ion:152 Resp: 313099
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.8 187.2
 115 58.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 111.839 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.018 min
 Lab File: BF133398.D
 Acq: 16 May 2023 12:49

Tgt Ion:112 Resp: 2318047
 Ion Ratio Lower Upper
 112 100
 64 55.1 46.8 70.2
 63 27.9 23.8 35.8





#7

Phenol-d6

Concen: 108.211 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133398.D

Acq: 16 May 2023 12:49

Instrument :

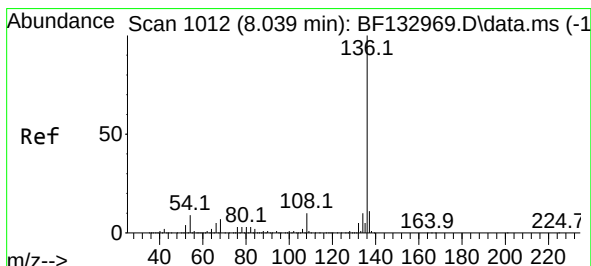
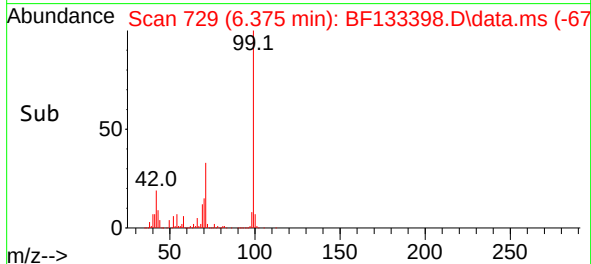
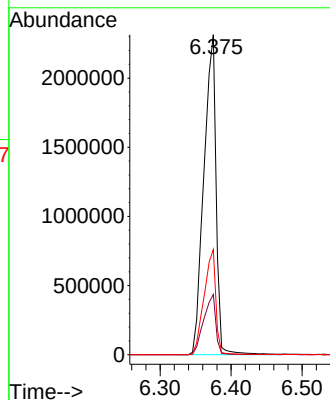
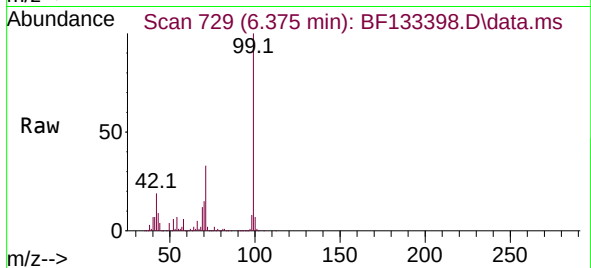
BNA_F

ClientSampleId :

PB152835BL

Tgt Ion: 99 Resp: 2783854

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.3	24.5
71	32.9	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

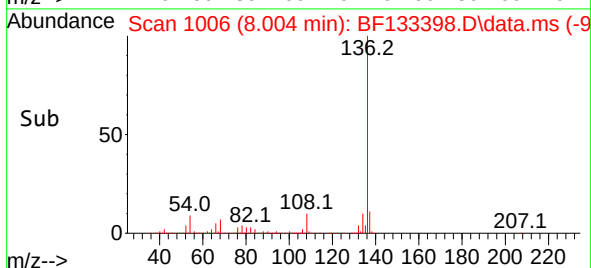
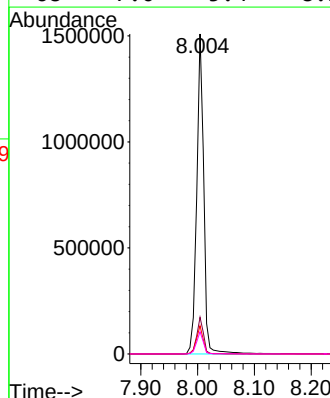
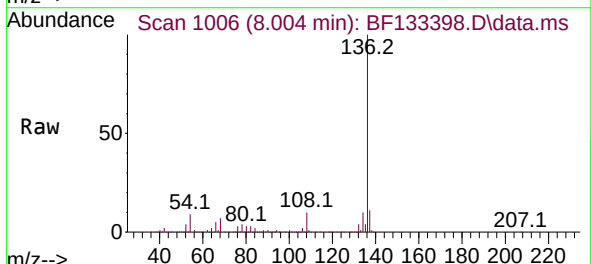
Delta R.T. -0.006 min

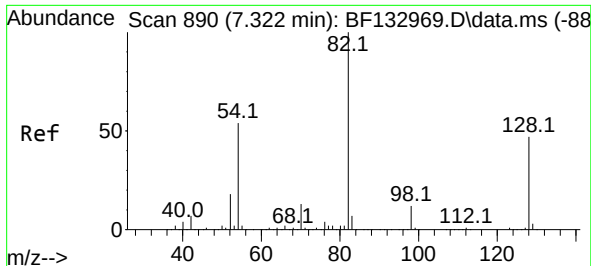
Lab File: BF133398.D

Acq: 16 May 2023 12:49

Tgt Ion: 136 Resp: 1309157

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	8.8	7.0	10.4
68	7.0	5.4	8.2

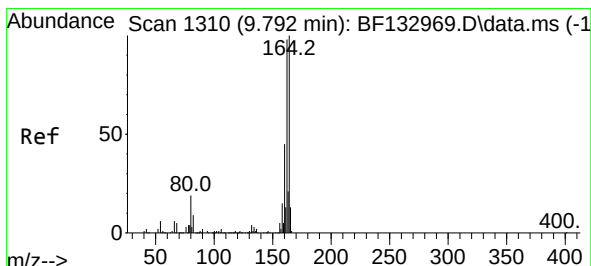
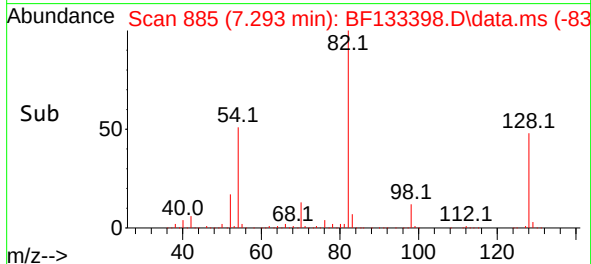
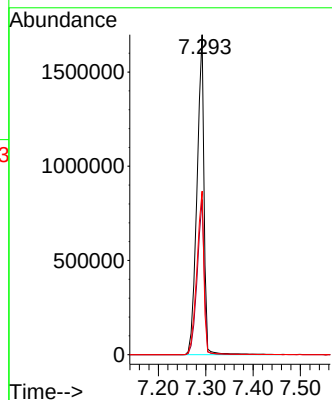
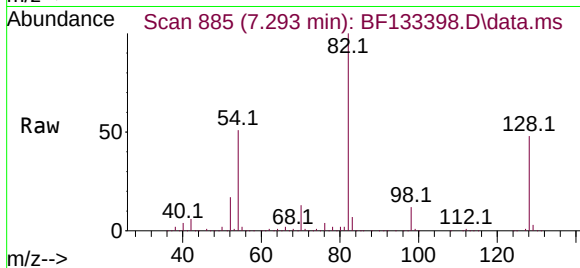




#23
Nitrobenzene-d5
Concen: 72.632 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

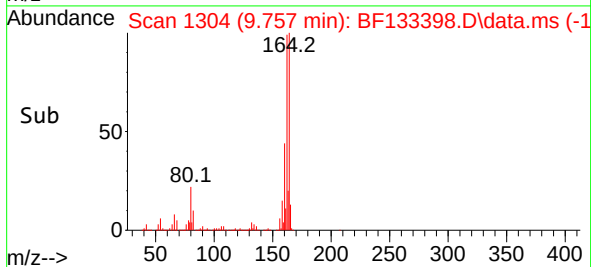
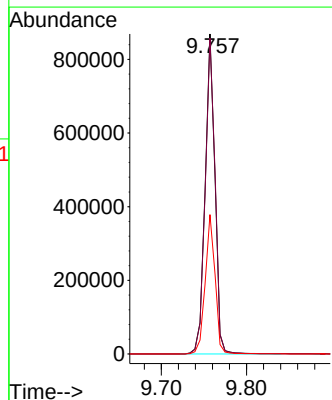
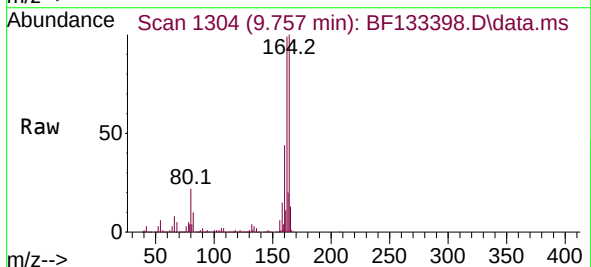
Instrument :
BNA_F
ClientSampleId :
PB152835BL

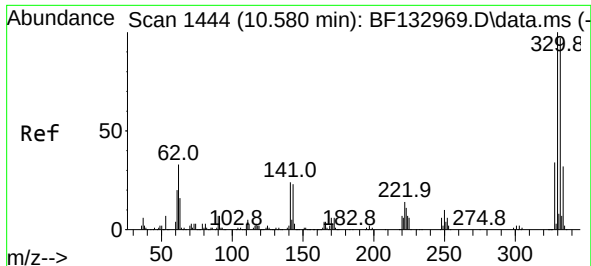
Tgt Ion: 82 Resp: 1761621
Ion Ratio Lower Upper
82 100
128 48.5 37.7 56.5
54 51.1 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

Tgt Ion:164 Resp: 693866
Ion Ratio Lower Upper
164 100
162 98.7 78.7 118.1
160 43.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 103.769 ng

RT: 10.551 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133398.D

Acq: 16 May 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB152835BL

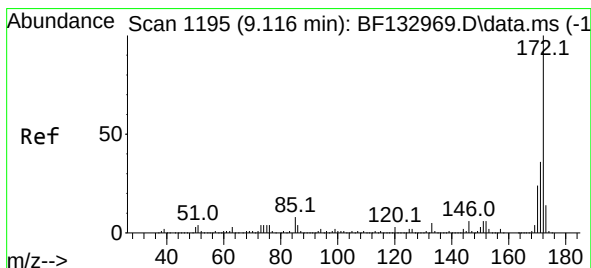
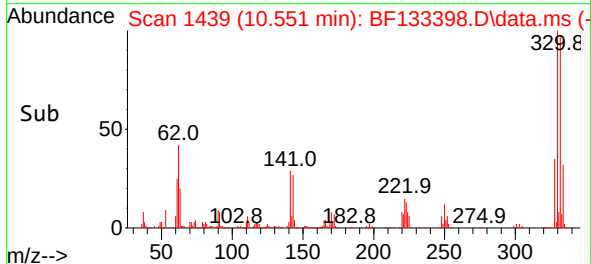
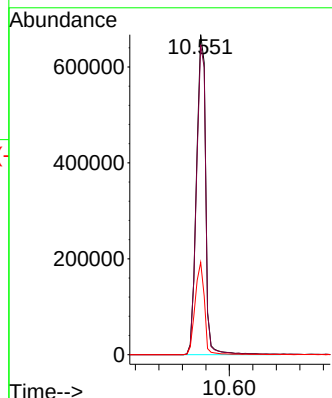
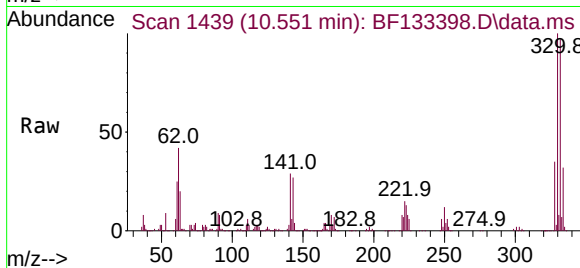
Tgt Ion:330 Resp: 724116

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

141 29.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 69.450 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133398.D

Acq: 16 May 2023 12:49

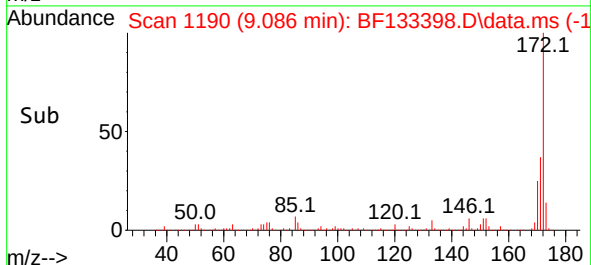
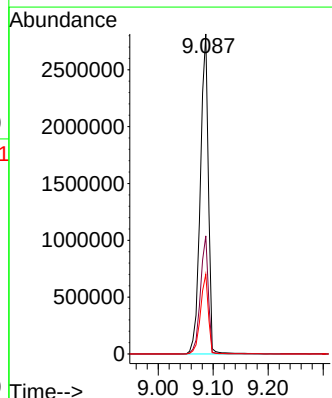
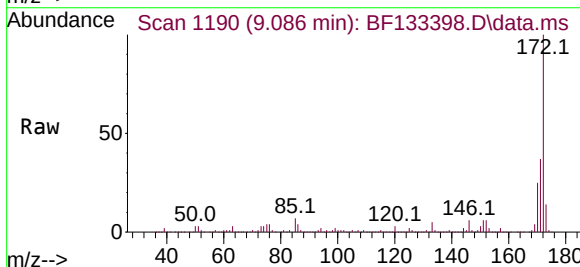
Tgt Ion:172 Resp: 2880410

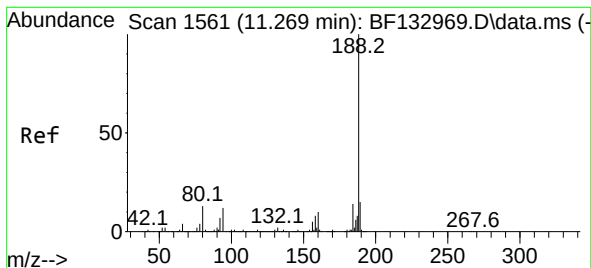
Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

170 24.9 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133398.D

Acq: 16 May 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB152835BL

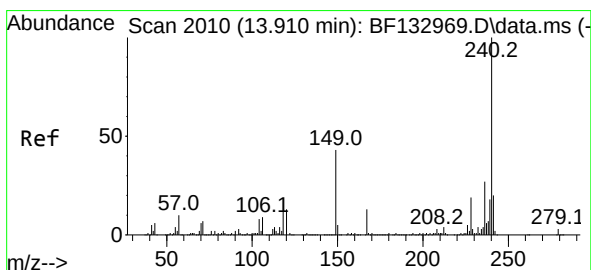
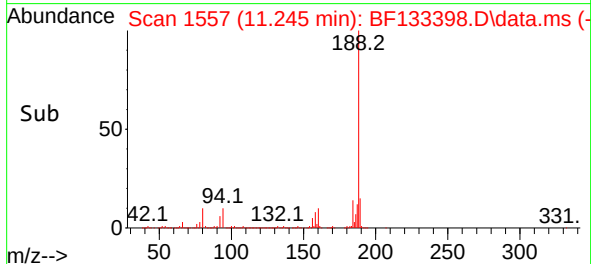
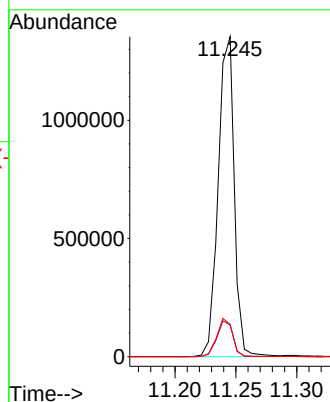
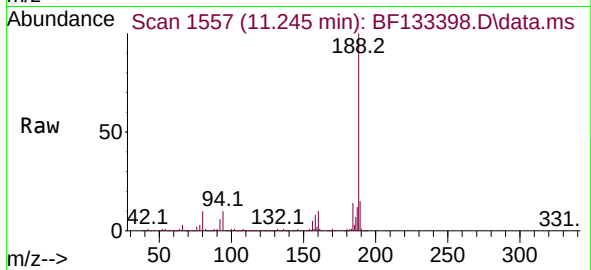
Tgt Ion:188 Resp: 1243711

Ion Ratio Lower Upper

188 100

94 10.0 9.7 14.5

80 10.1 10.4 15.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF133398.D

Acq: 16 May 2023 12:49

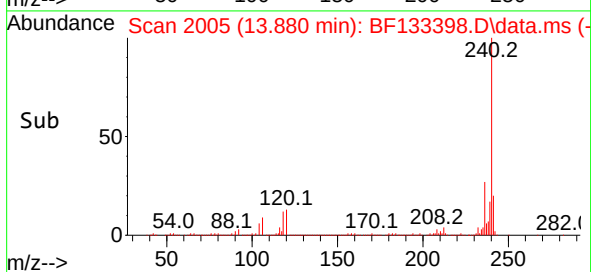
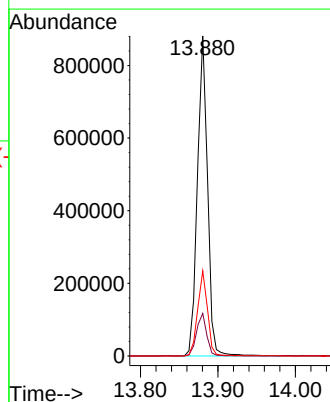
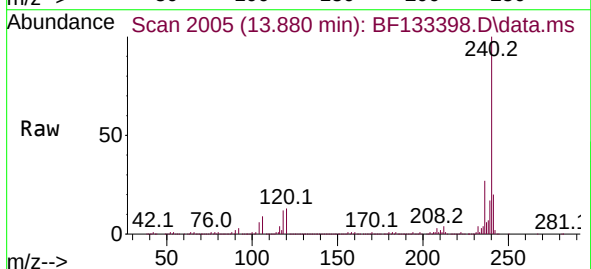
Tgt Ion:240 Resp: 802856

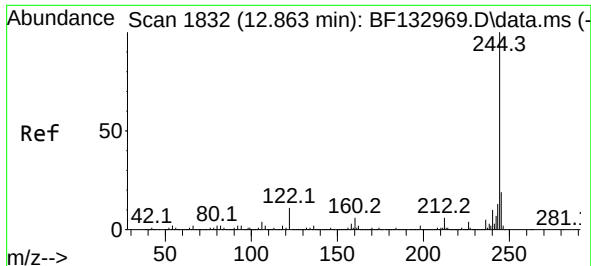
Ion Ratio Lower Upper

240 100

120 13.3 10.5 15.7

236 26.6 21.5 32.3

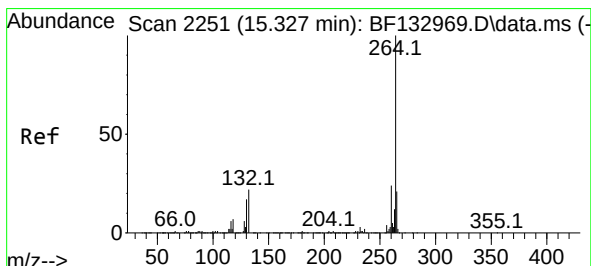
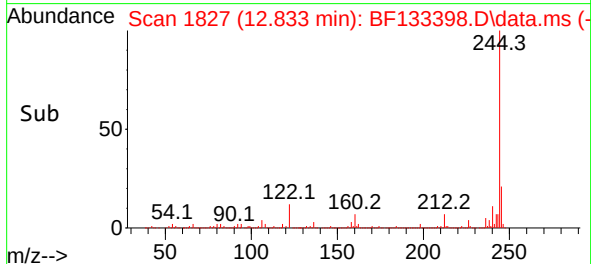
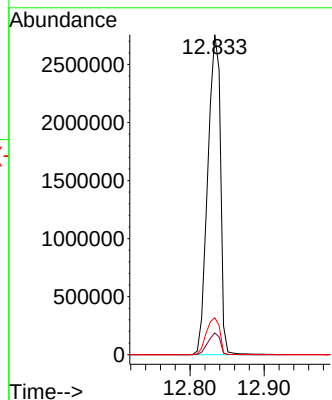
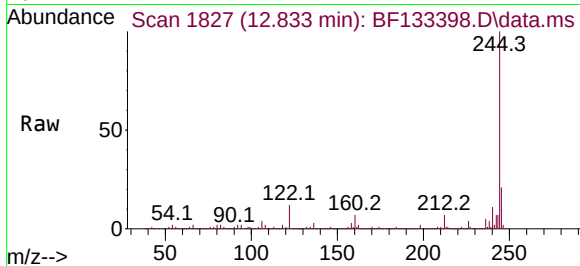




#79
 Terphenyl-d14
 Concen: 70.361 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133398.D
 Acq: 16 May 2023 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB152835BL

Tgt Ion:244 Resp: 3275396
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133398.D
 Acq: 16 May 2023 12:49

Tgt Ion:264 Resp: 650005
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.3 17.0 25.4

