

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133137.D
 Acq On : 28 Apr 2023 23:30
 Operator : CG\JU
 Sample : 02522-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: May 01 03:09:27 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	184998	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	757628	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	385315	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	716456	20.000	ng	0.00
76) Chrysene-d12	13.880	240	532206	20.000	ng	-0.01
86) Perylene-d12	15.304	264	407506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	799077	65.249	ng	0.00
7) Phenol-d6	6.363	99	607106	39.940	ng	-0.02
23) Nitrobenzene-d5	7.298	82	1248312	88.935	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	511357	131.960	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2016194	87.541	ng	0.00
79) Terphenyl-d14	12.839	244	2450063	79.397	ng	0.00

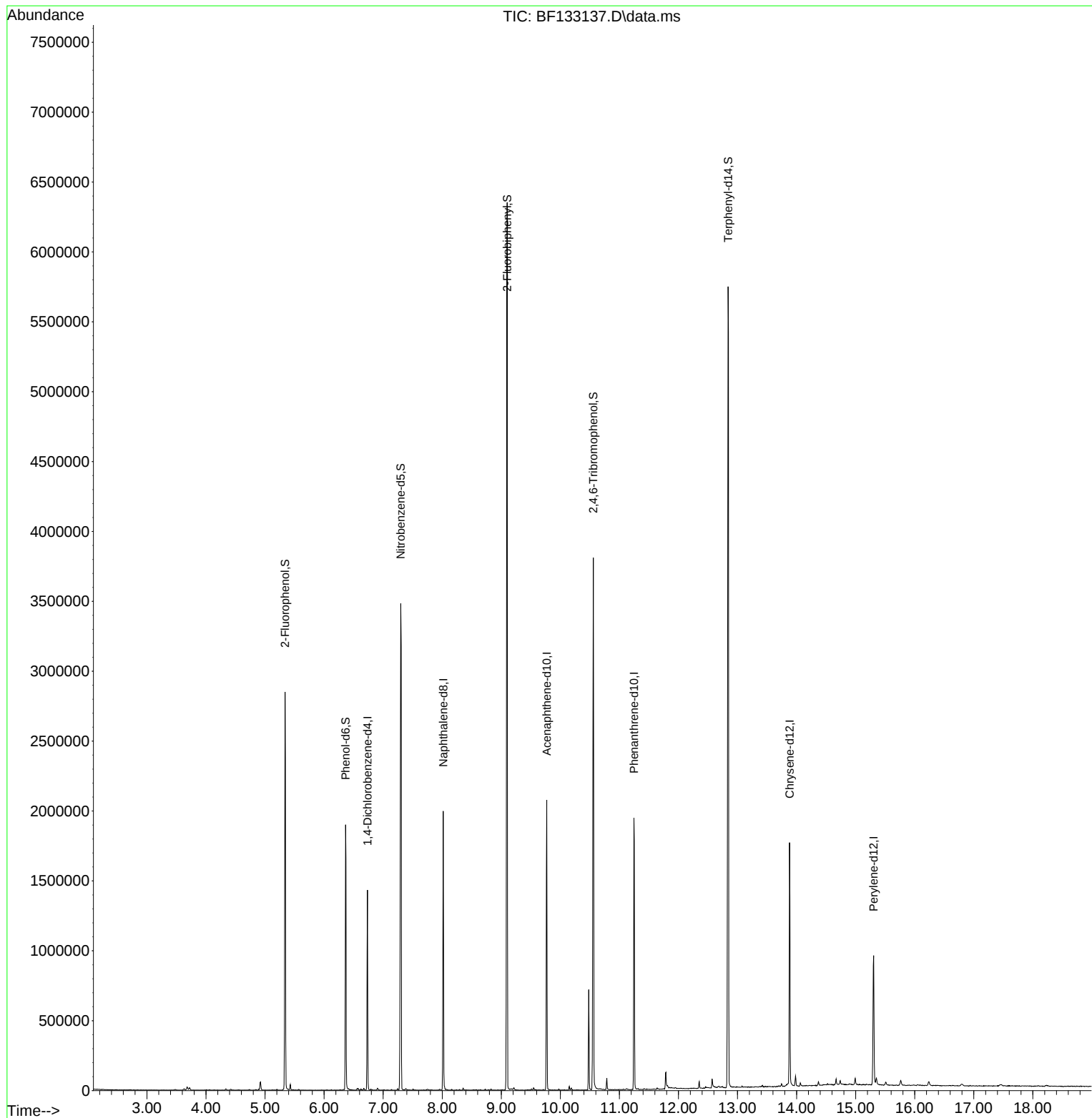
Target Compounds Qvalue

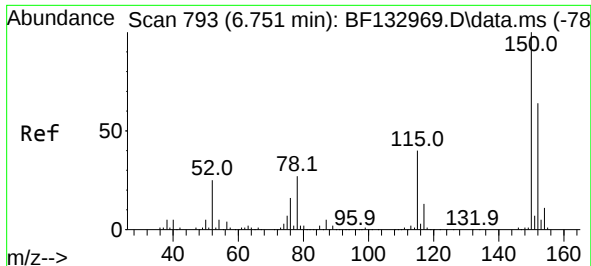
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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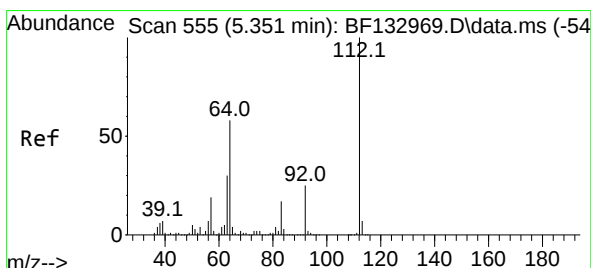
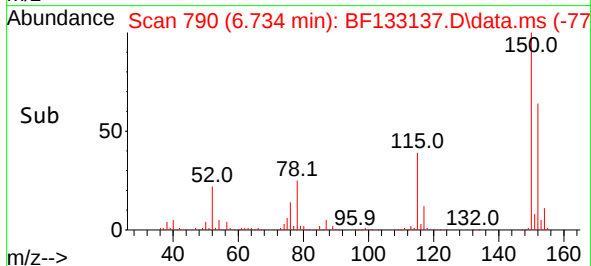
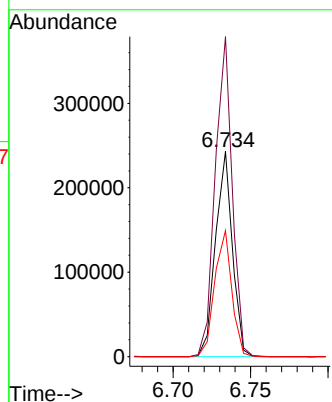
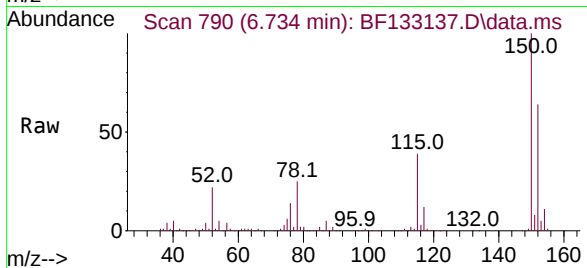




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133137.D
Acq: 28 Apr 2023 23:30

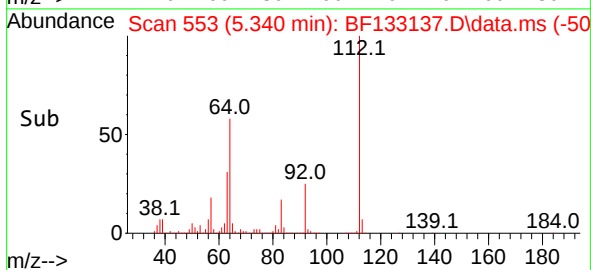
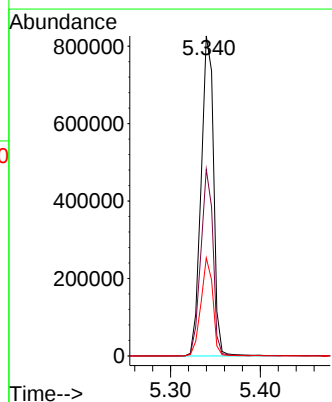
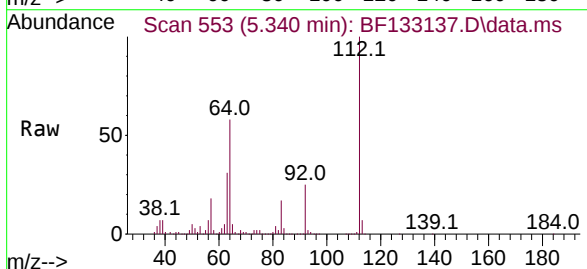
Instrument :
BNA_F
ClientSampleId :
MW-4

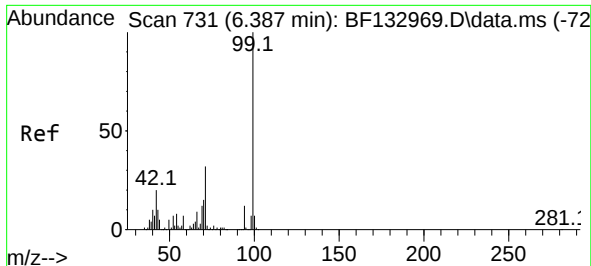
Tgt Ion:152 Resp: 184998
Ion Ratio Lower Upper
152 100
150 156.0 124.8 187.2
115 61.4 49.9 74.9



#5
2-Fluorophenol
Concen: 65.249 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133137.D
Acq: 28 Apr 2023 23:30

Tgt Ion:112 Resp: 799077
Ion Ratio Lower Upper
112 100
64 58.3 46.8 70.2
63 30.6 23.8 35.8





#7

Phenol-d6

Concen: 39.940 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF133137.D

Acq: 28 Apr 2023 23:30

Instrument :

BNA_F

ClientSampleId :

MW-4

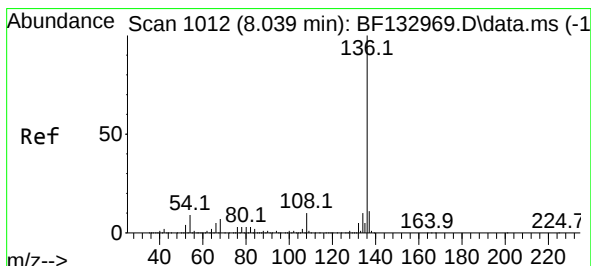
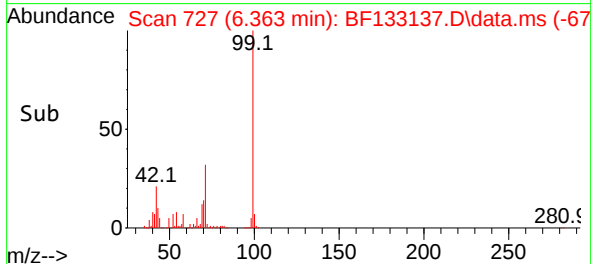
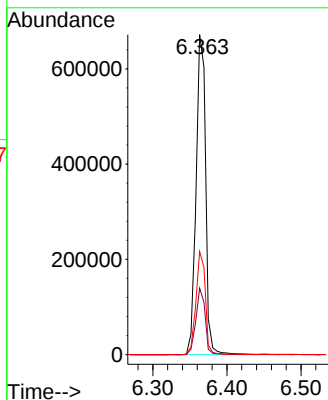
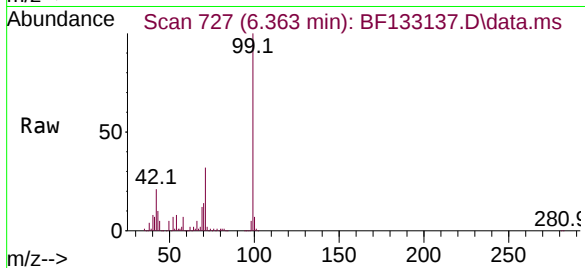
Tgt Ion: 99 Resp: 607106

Ion Ratio Lower Upper

99 100

42 20.8 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: BF133137.D

Acq: 28 Apr 2023 23:30

Tgt Ion: 136 Resp: 757628

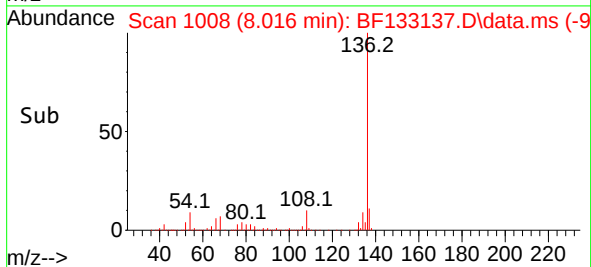
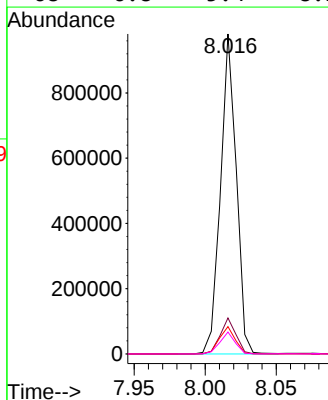
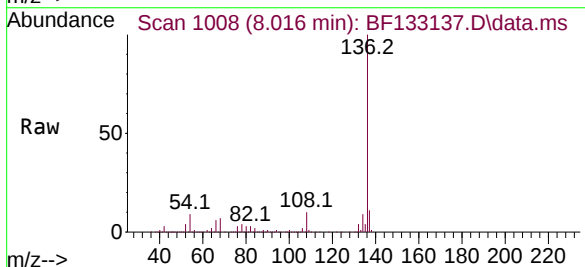
Ion Ratio Lower Upper

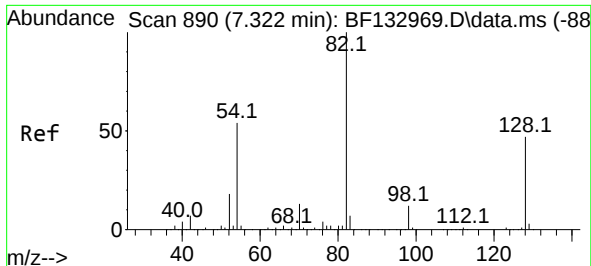
136 100

137 11.2 8.6 13.0

54 8.5 7.0 10.4

68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 88.935 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133137.D

Acq: 28 Apr 2023 23:30

Instrument :

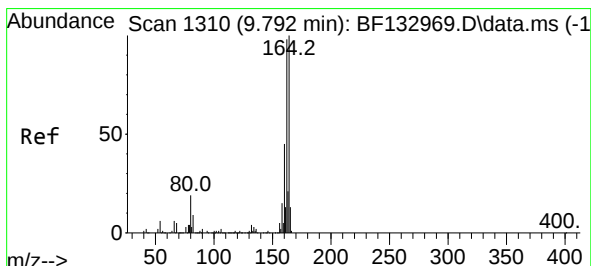
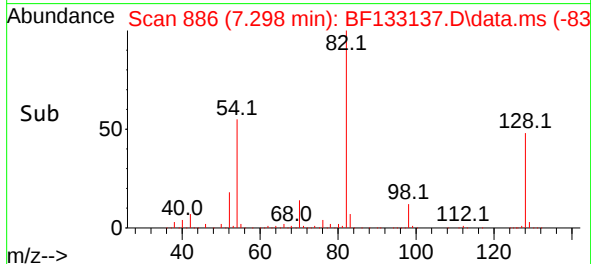
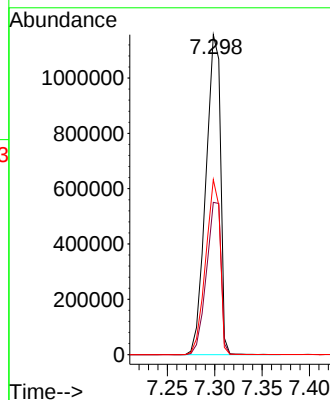
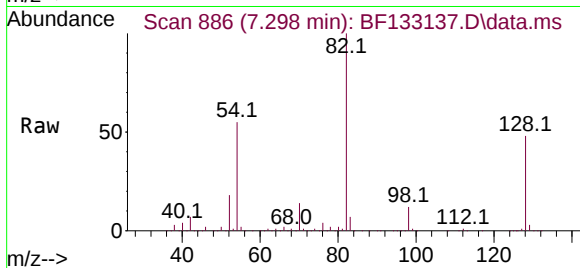
BNA_F

ClientSampleId :

MW-4

Tgt Ion: 82 Resp: 1248312

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.7	56.5
54	54.7	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

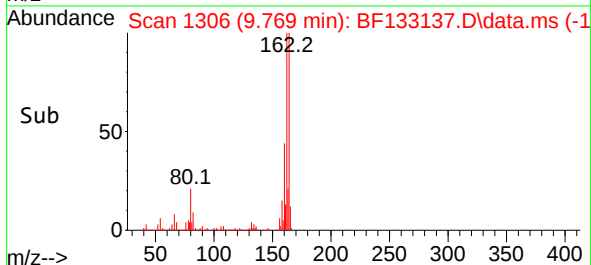
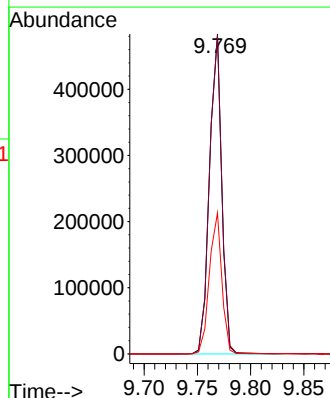
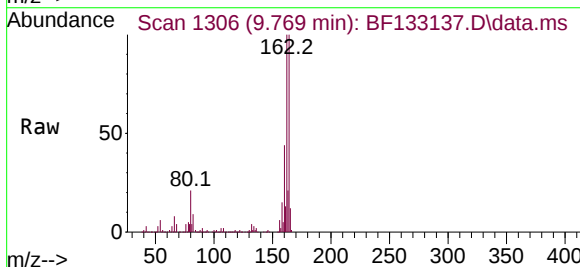
Delta R.T. -0.006 min

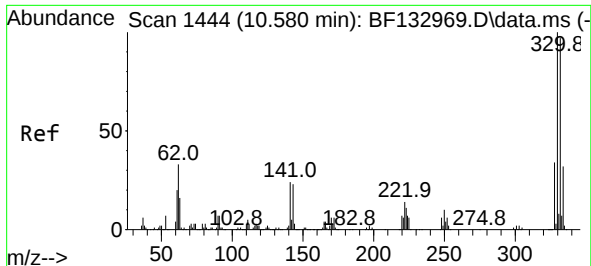
Lab File: BF133137.D

Acq: 28 Apr 2023 23:30

Tgt Ion: 164 Resp: 385315

Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.7	118.1
160	44.0	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 131.960 ng

RT: 10.557 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133137.D

Acq: 28 Apr 2023 23:30

Instrument :

BNA_F

ClientSampleId :

MW-4

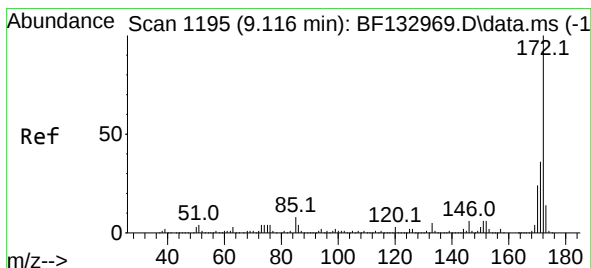
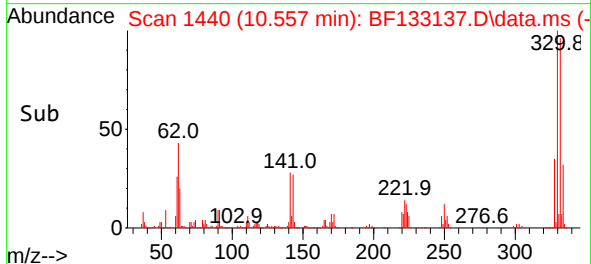
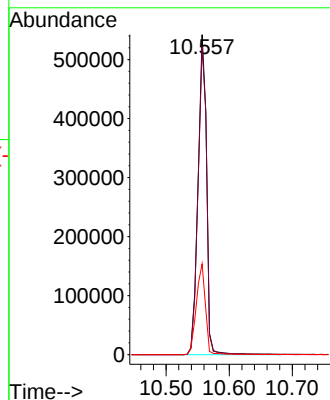
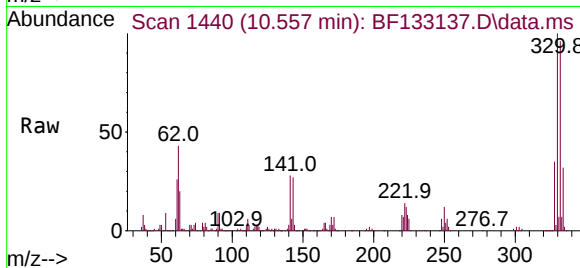
Tgt Ion:330 Resp: 511357

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

141 30.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.541 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133137.D

Acq: 28 Apr 2023 23:30

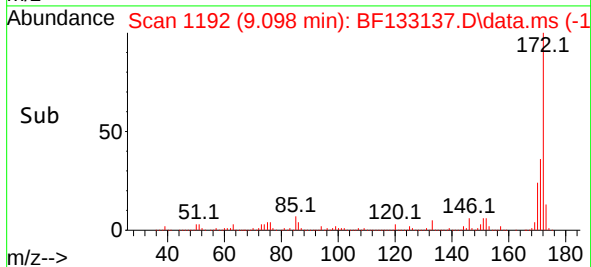
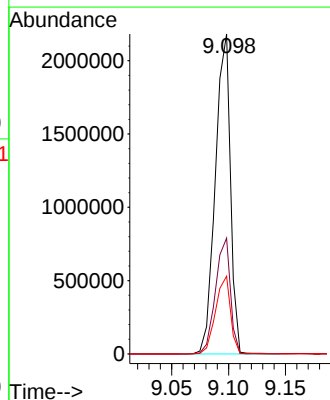
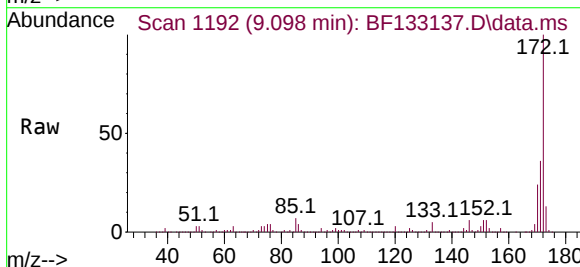
Tgt Ion:172 Resp: 2016194

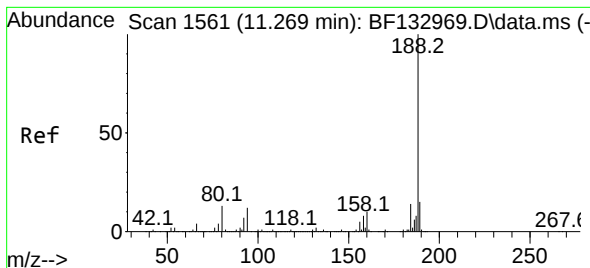
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133137.D

Acq: 28 Apr 2023 23:30

Instrument :

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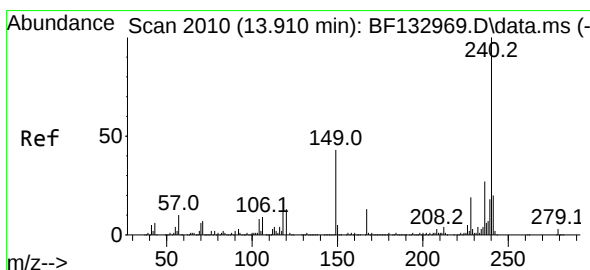
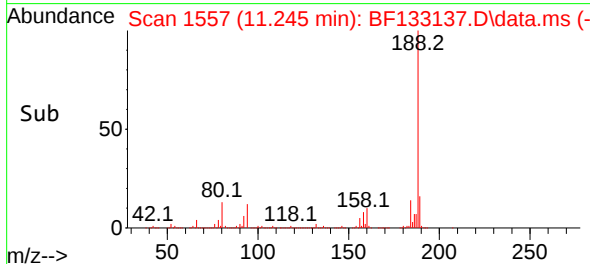
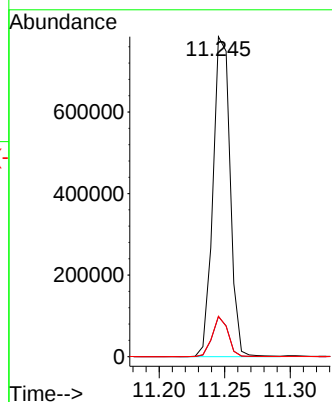
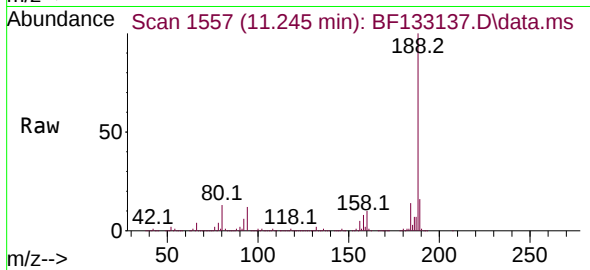
Tgt Ion:188 Resp: 716456

Ion Ratio Lower Upper

188 100

94 12.5 9.7 14.5

80 12.6 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133137.D

Acq: 28 Apr 2023 23:30

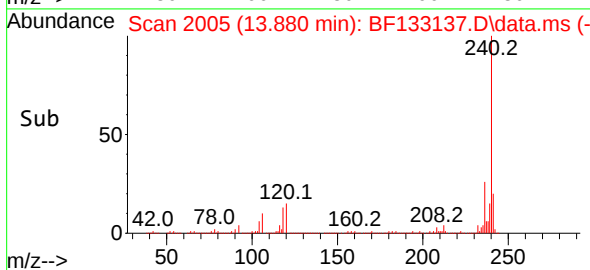
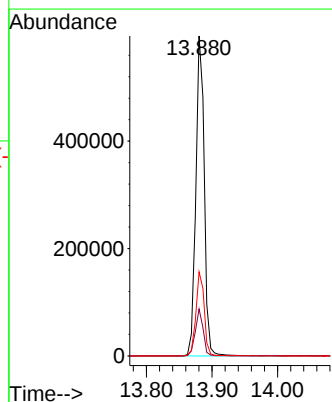
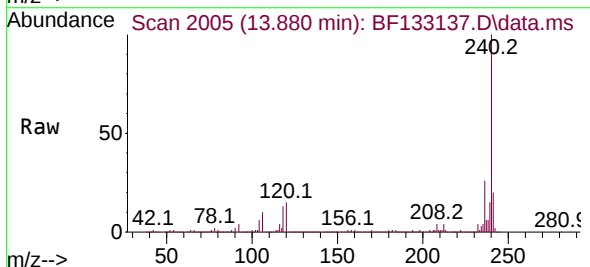
Tgt Ion:240 Resp: 532206

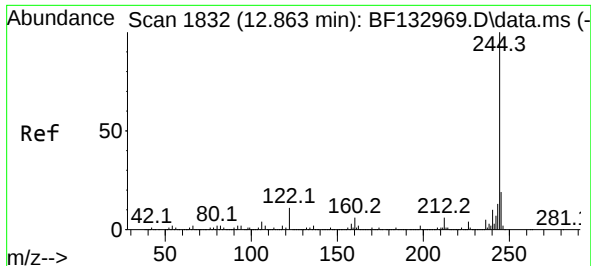
Ion Ratio Lower Upper

240 100

120 14.7 10.5 15.7

236 26.3 21.5 32.3

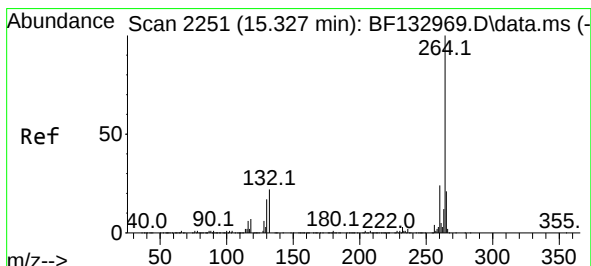
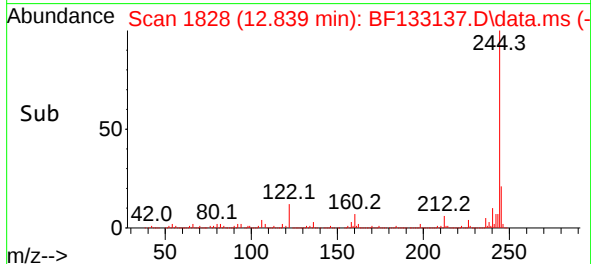
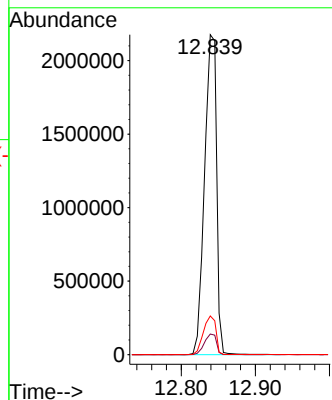
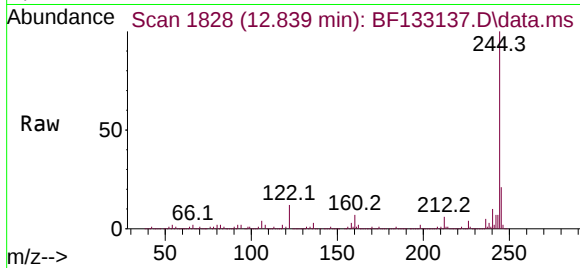




#79
 Terphenyl-d14
 Concen: 79.397 ng
 RT: 12.839 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF133137.D
 Acq: 28 Apr 2023 23:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:244 Resp: 2450063
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.1 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: BF133137.D
 Acq: 28 Apr 2023 23:30

Tgt Ion:264 Resp: 407506
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 20.5 17.0 25.4

