

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133104.D
 Acq On : 27 Apr 2023 17:23
 Operator : CG\JU
 Sample : 02504-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-02

Quant Time: Apr 28 02:10:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	197737	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	803334	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	423848	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	783103	20.000	ng	0.00
76) Chrysene-d12	13.886	240	565241	20.000	ng	-0.01
86) Perylene-d12	15.304	264	472854	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1167013	89.154	ng	0.00
7) Phenol-d6	6.375	99	1456998	89.676	ng	0.00
23) Nitrobenzene-d5	7.298	82	869939	58.452	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	423096	99.258	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1630804	64.371	ng	0.00
79) Terphenyl-d14	12.839	244	1994860	60.867	ng	0.00

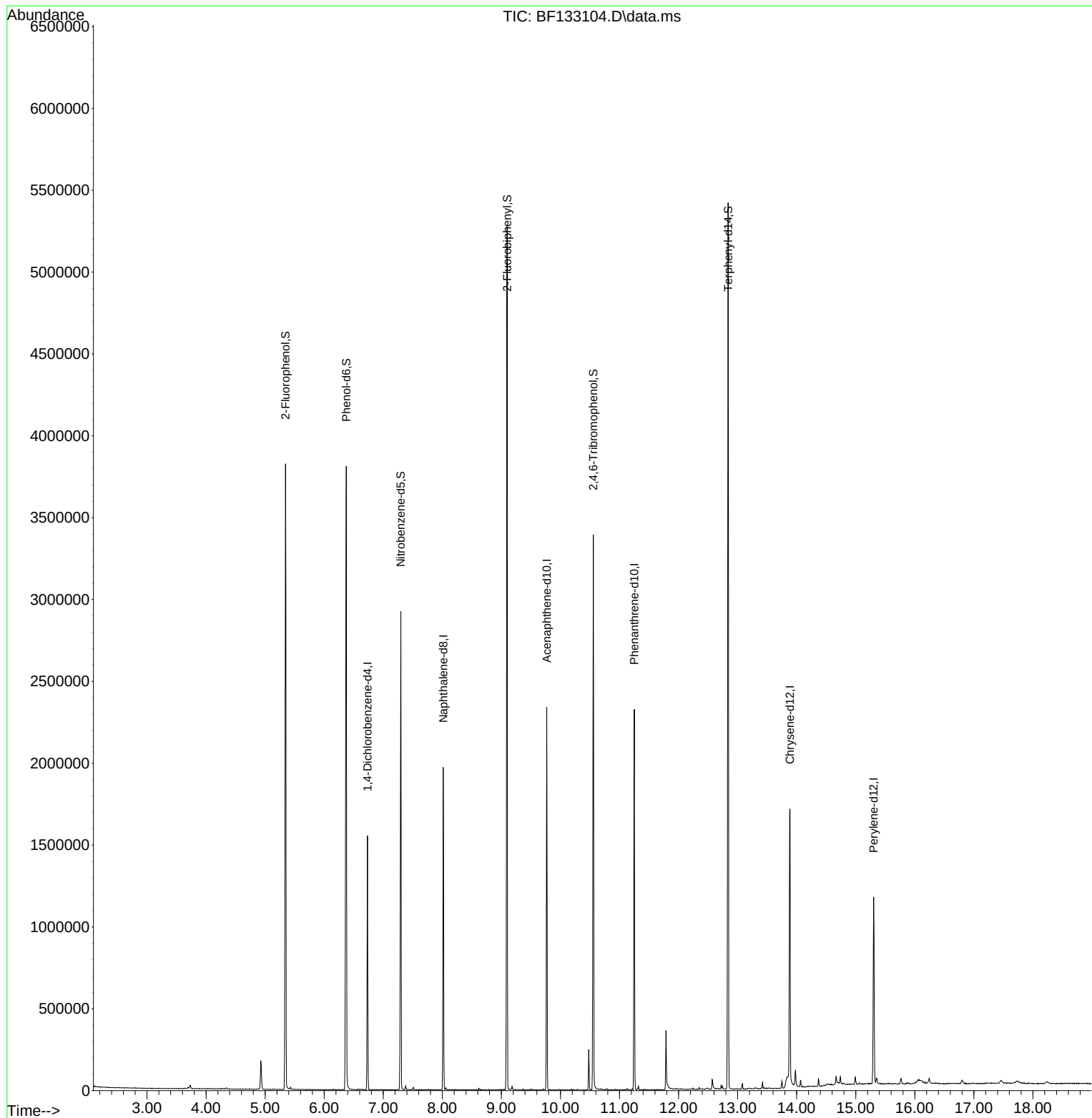
Target Compounds	Qvalue

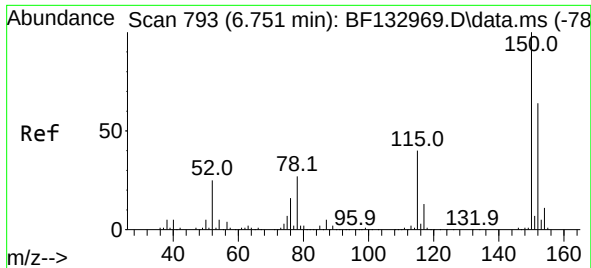
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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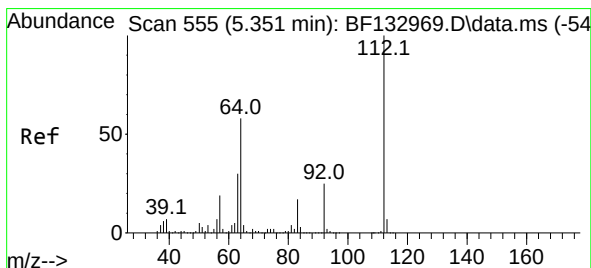
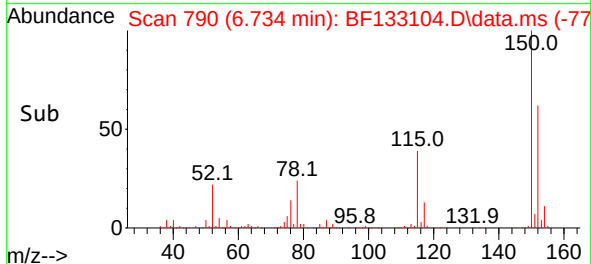
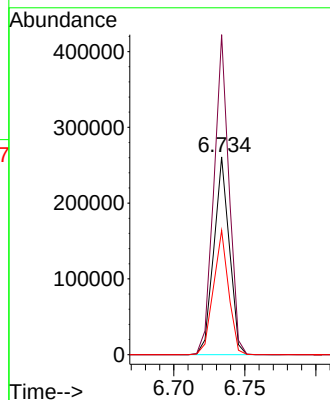
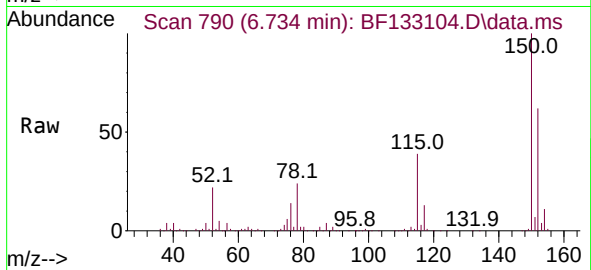




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133104.D
 Acq: 27 Apr 2023 17:23

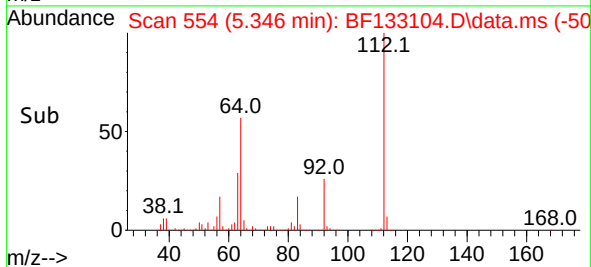
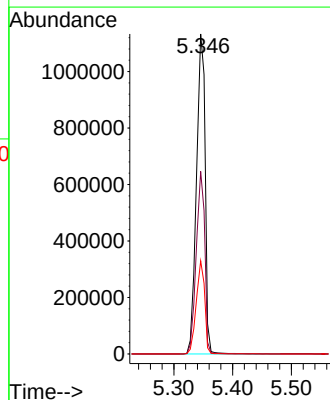
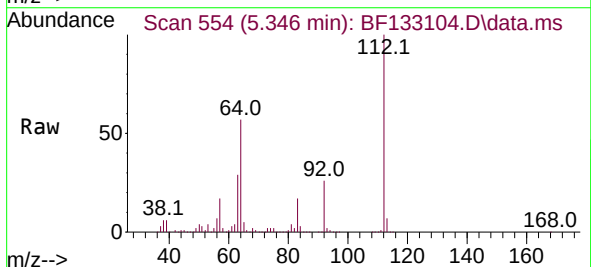
Instrument :
 BNA_F
 ClientSampleId :
 BU-512-COMP-02

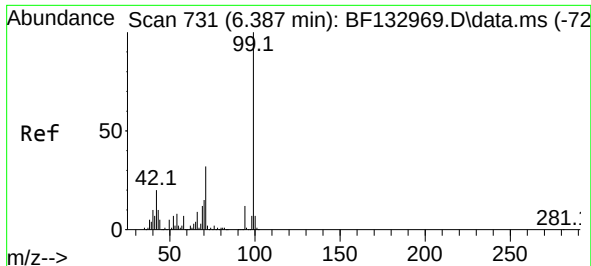
Tgt Ion:152 Resp: 197737
 Ion Ratio Lower Upper
 152 100
 150 161.8 124.8 187.2
 115 62.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 89.154 ng
 RT: 5.346 min Scan# 554
 Delta R.T. -0.000 min
 Lab File: BF133104.D
 Acq: 27 Apr 2023 17:23

Tgt Ion:112 Resp: 1167013
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.8 70.2
 63 29.1 23.8 35.8

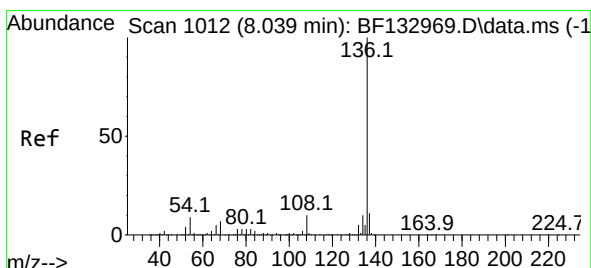
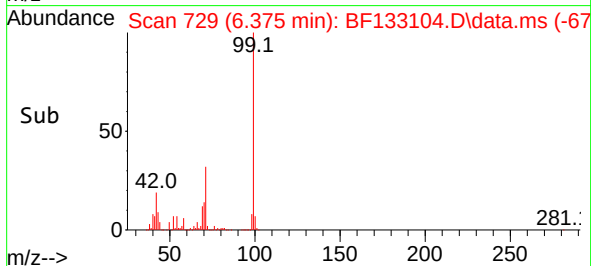
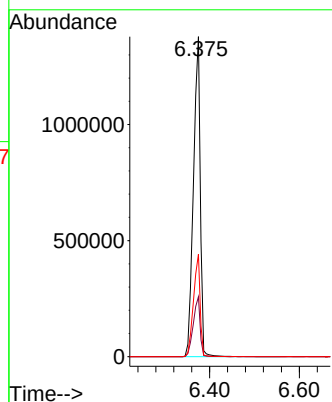
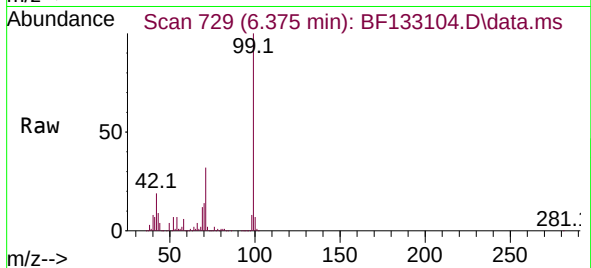




#7
Phenol-d6
Concen: 89.676 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133104.D
Acq: 27 Apr 2023 17:23

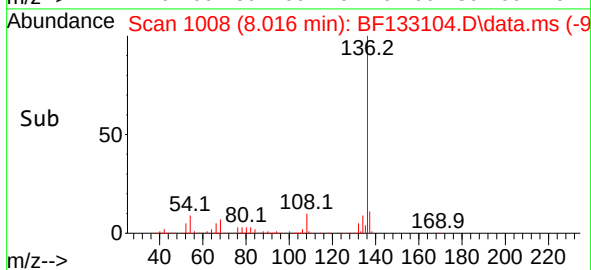
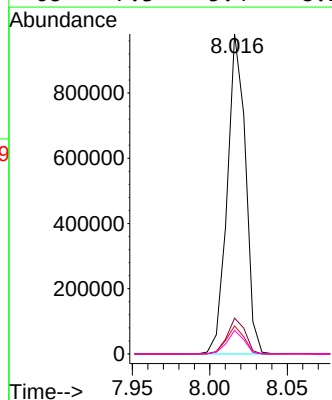
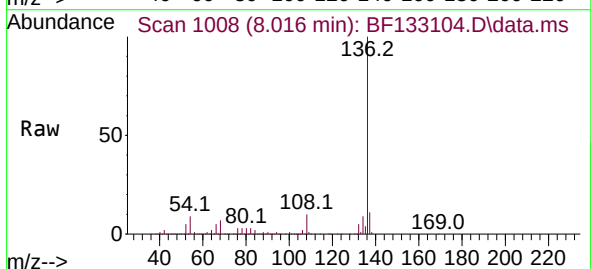
Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-02

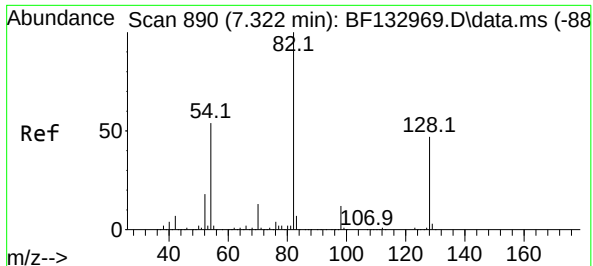
Tgt Ion: 99 Resp: 1456998
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133104.D
Acq: 27 Apr 2023 17:23

Tgt Ion: 136 Resp: 803334
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.8 7.0 10.4
68 7.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 58.452 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133104.D

Acq: 27 Apr 2023 17:23

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-02

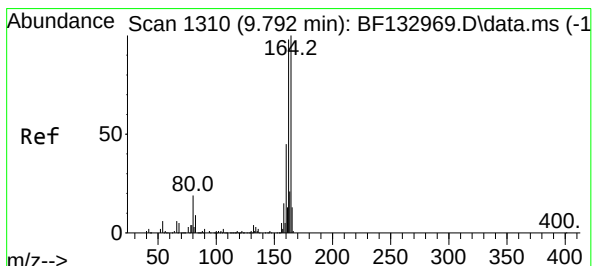
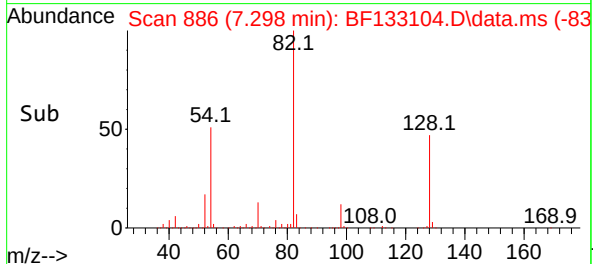
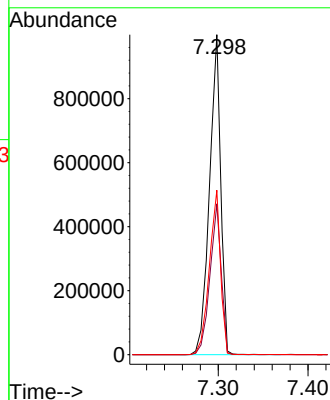
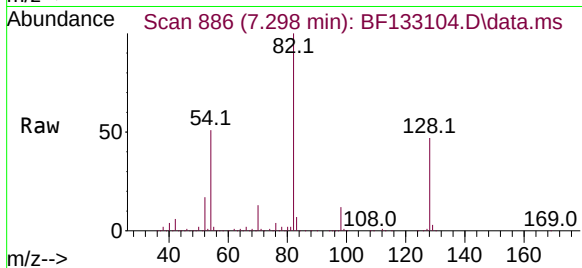
Tgt Ion: 82 Resp: 869939

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 51.4 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: BF133104.D

Acq: 27 Apr 2023 17:23

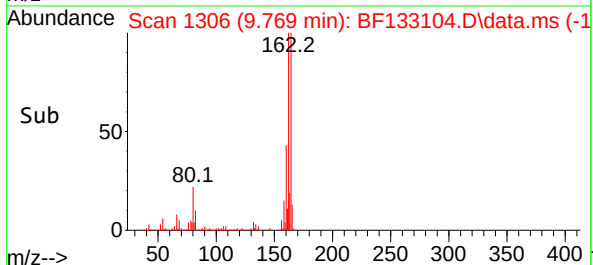
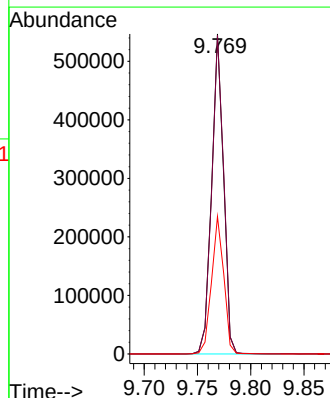
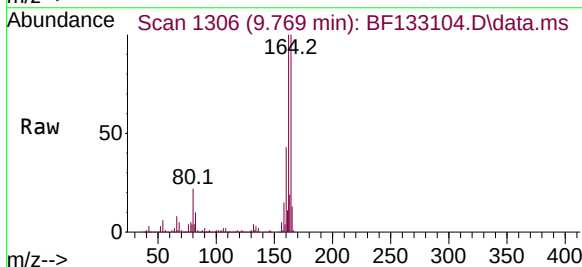
Tgt Ion:164 Resp: 423848

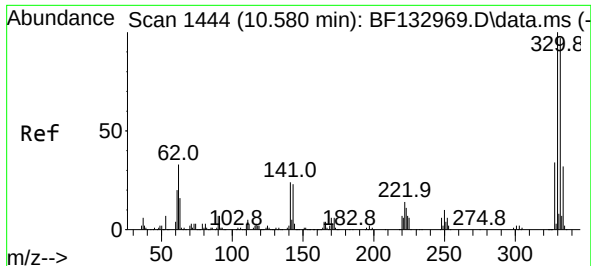
Ion Ratio Lower Upper

164 100

162 99.5 78.7 118.1

160 42.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 99.258 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133104.D

Acq: 27 Apr 2023 17:23

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-02

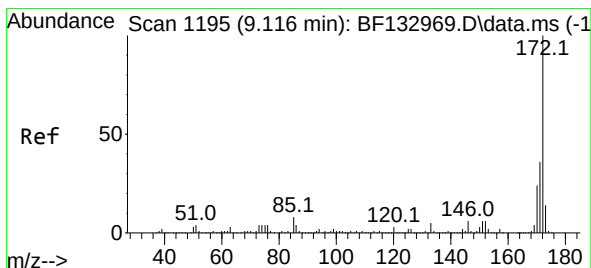
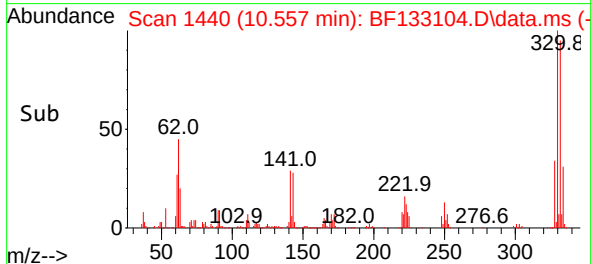
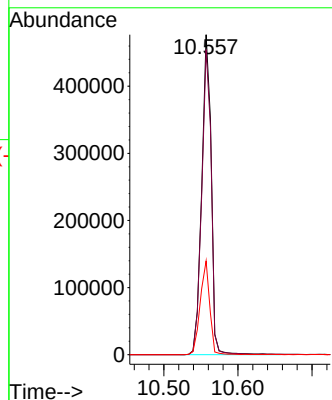
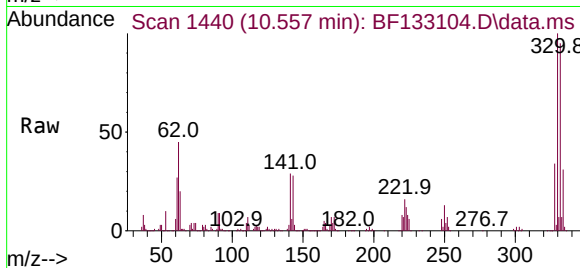
Tgt Ion:330 Resp: 423096

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 29.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 64.371 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133104.D

Acq: 27 Apr 2023 17:23

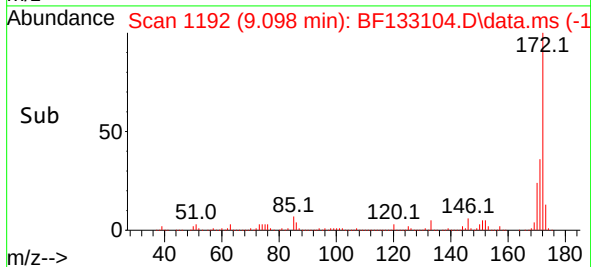
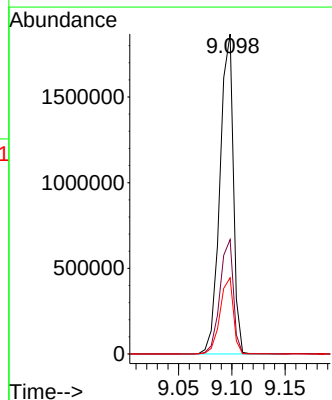
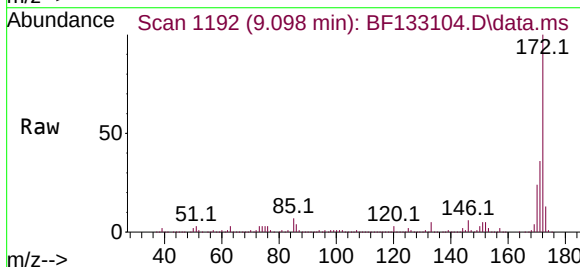
Tgt Ion:172 Resp: 1630804

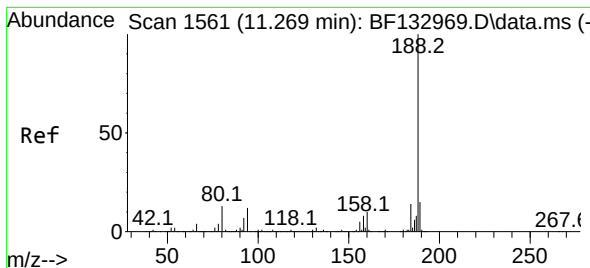
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.8 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133104.D

Acq: 27 Apr 2023 17:23

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-02

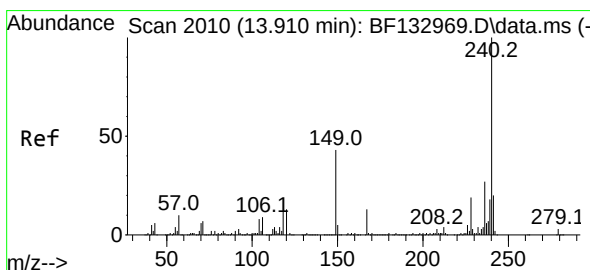
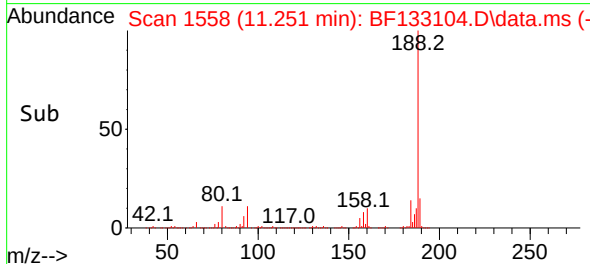
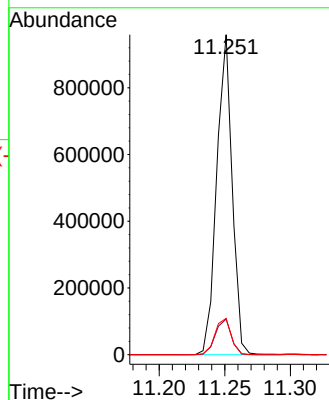
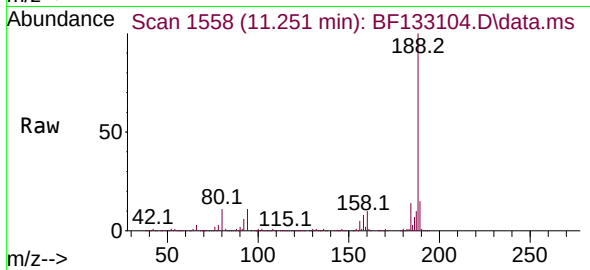
Tgt Ion:188 Resp: 783103

Ion Ratio Lower Upper

188 100

94 11.1 9.7 14.5

80 11.3 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.012 min

Lab File: BF133104.D

Acq: 27 Apr 2023 17:23

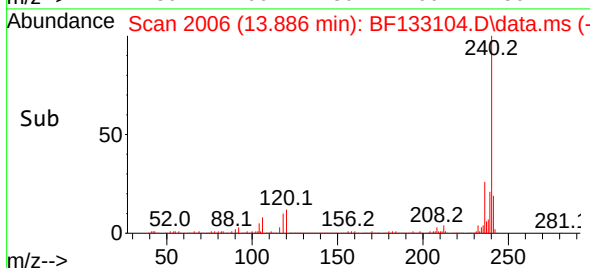
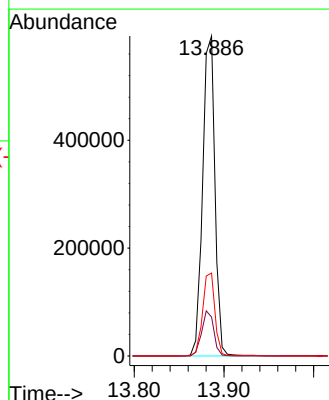
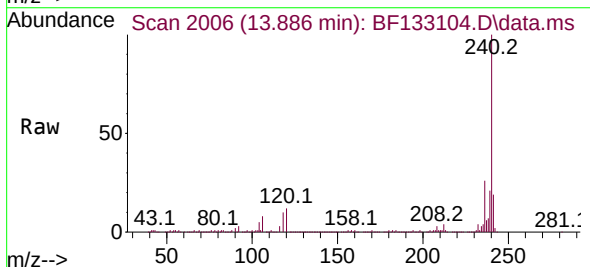
Tgt Ion:240 Resp: 565241

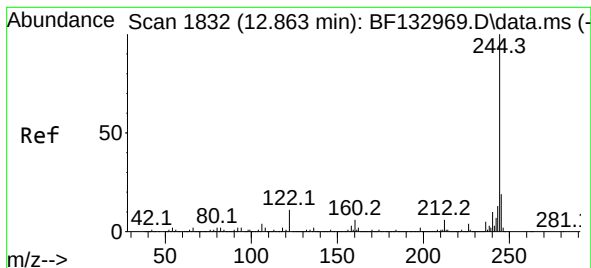
Ion Ratio Lower Upper

240 100

120 12.1 10.5 15.7

236 25.9 21.5 32.3





#79

Terphenyl-d14

Concen: 60.867 ng

RT: 12.839 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133104.D

Acq: 27 Apr 2023 17:23

Instrument :

BNA_F

ClientSampleId :

BU-512-COMP-02

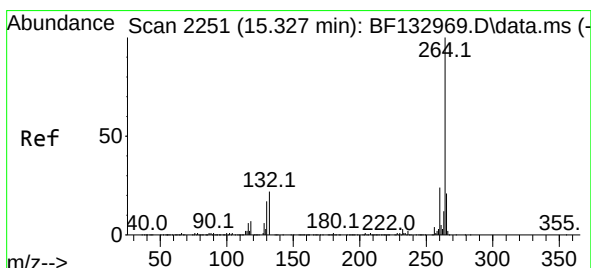
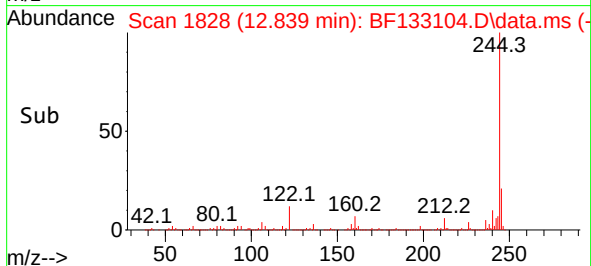
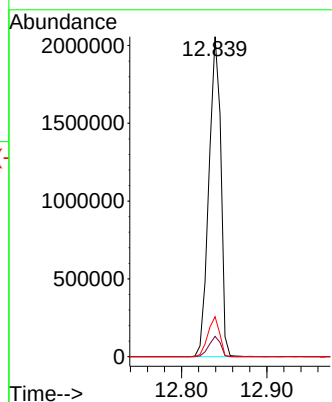
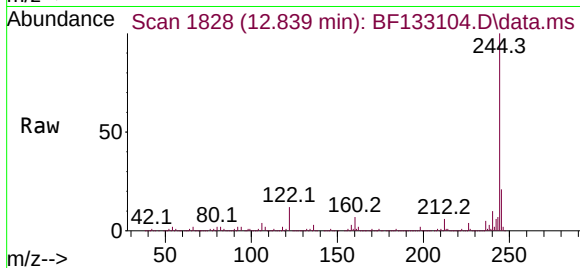
Tgt Ion:244 Resp: 1994860

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 12.5 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.012 min

Lab File: BF133104.D

Acq: 27 Apr 2023 17:23

Tgt Ion:264 Resp: 472854

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.0 17.0 25.4

