

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133011.D
 Acq On : 24 Apr 2023 23:24
 Operator : CG\JU
 Sample : 02464-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-92

Quant Time: Apr 25 02:15:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	197190	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	793383	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	408731	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	743044	20.000	ng	0.00
76) Chrysene-d12	13.898	240	543998	20.000	ng	-0.01
86) Perylene-d12	15.321	264	443572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1168311	89.501	ng	0.00
7) Phenol-d6	6.386	99	1496156	92.342	ng	0.00
23) Nitrobenzene-d5	7.310	82	901657	61.343	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	390435	94.983	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1508421	61.742	ng	-0.01
79) Terphenyl-d14	12.851	244	1753999	55.608	ng	-0.01

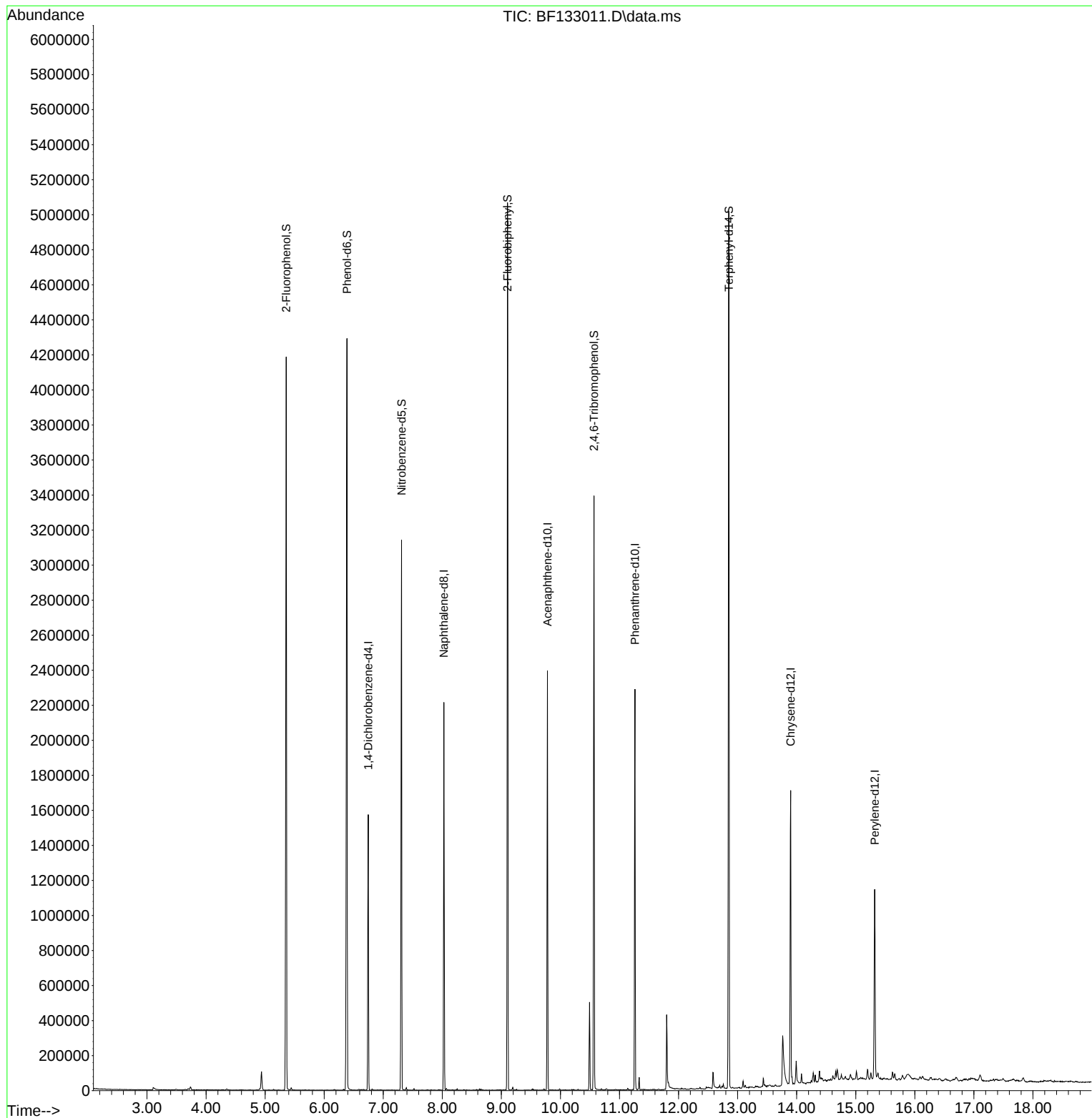
Target Compounds	Qvalue

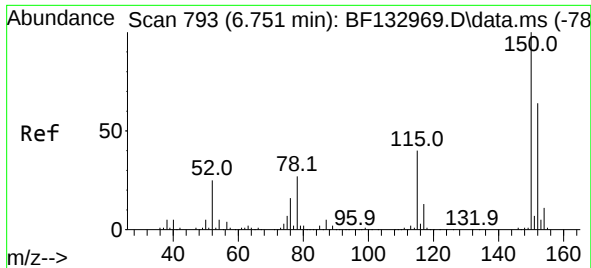
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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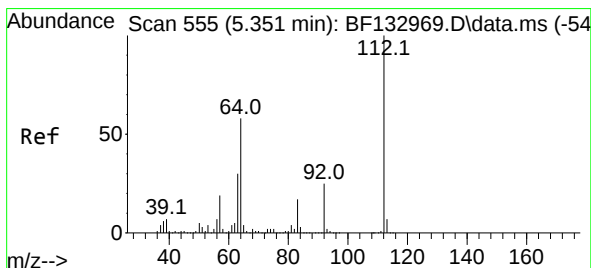
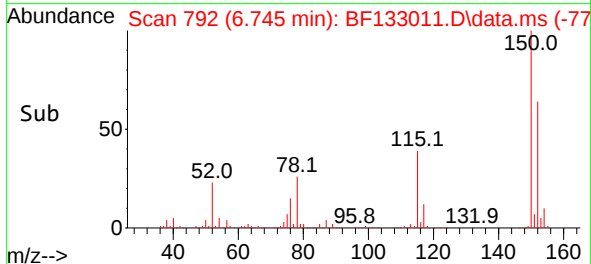
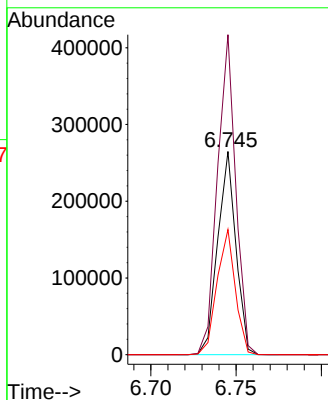
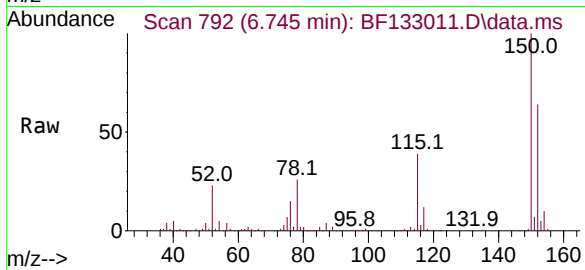




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

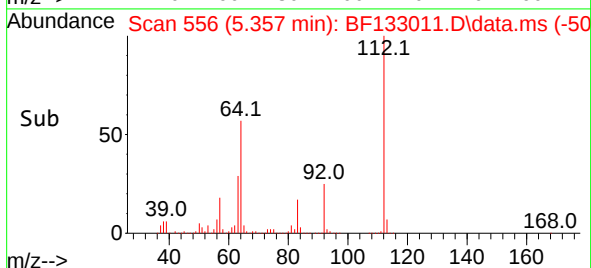
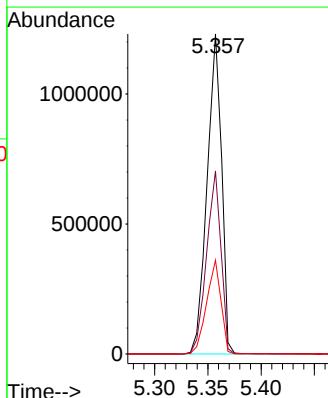
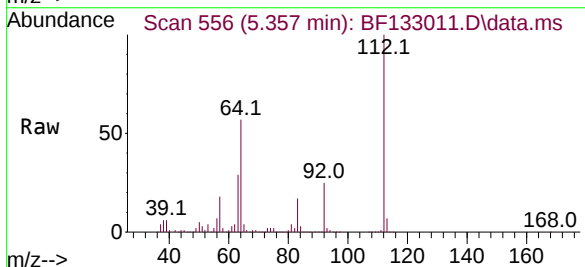
Instrument :
BNA_F
ClientSampleId :
MH-92

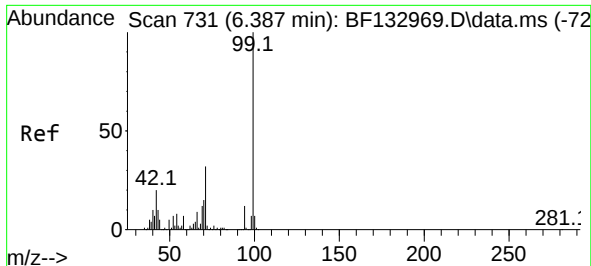
Tgt Ion:152 Resp: 197190
Ion Ratio Lower Upper
152 100
150 157.5 124.8 187.2
115 61.6 49.9 74.9



#5
2-Fluorophenol
Concen: 89.501 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Tgt Ion:112 Resp: 1168311
Ion Ratio Lower Upper
112 100
64 57.2 46.8 70.2
63 29.3 23.8 35.8

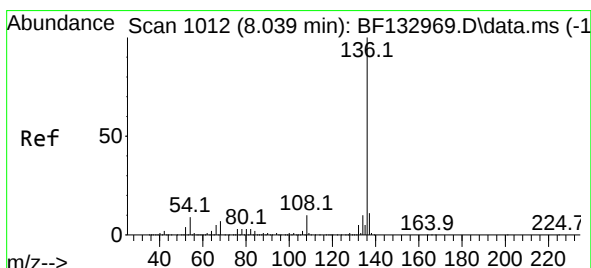
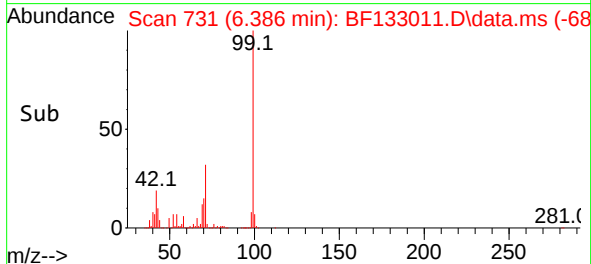
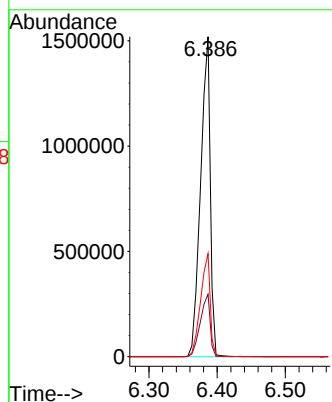
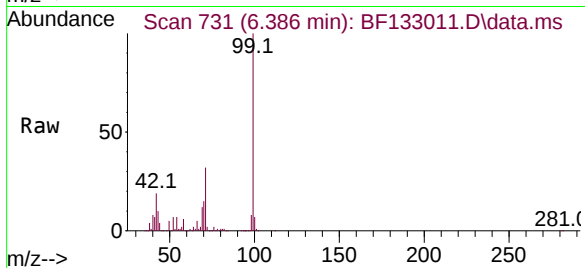




#7
Phenol-d6
Concen: 92.342 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

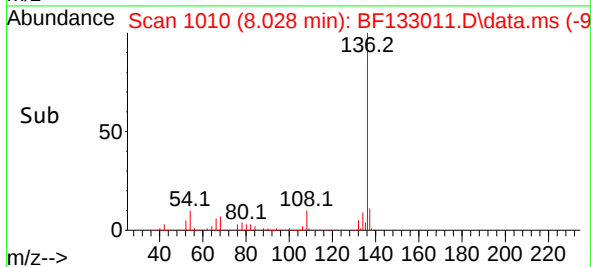
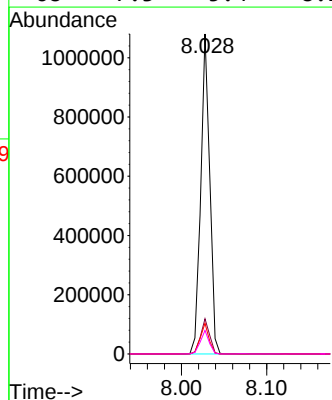
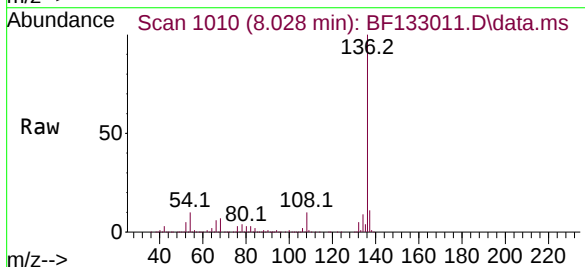
Instrument :
BNA_F
ClientSampleId :
MH-92

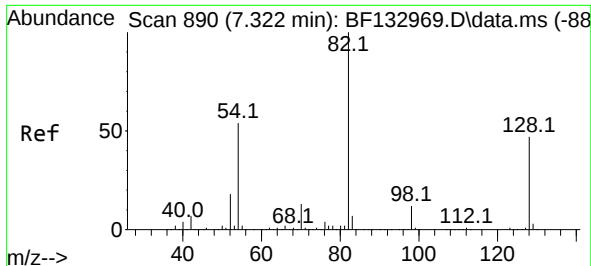
Tgt Ion: 99 Resp: 1496156
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Tgt Ion: 136 Resp: 793383
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.5 7.0 10.4
68 7.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 61.343 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133011.D

Acq: 24 Apr 2023 23:24

Instrument :

BNA_F

ClientSampleId :

MH-92

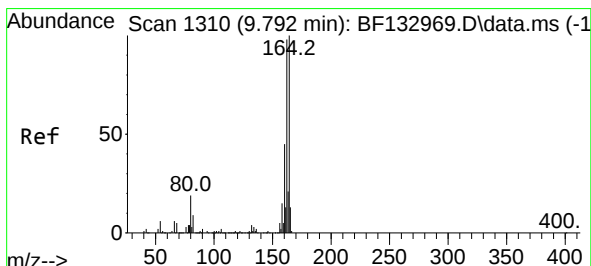
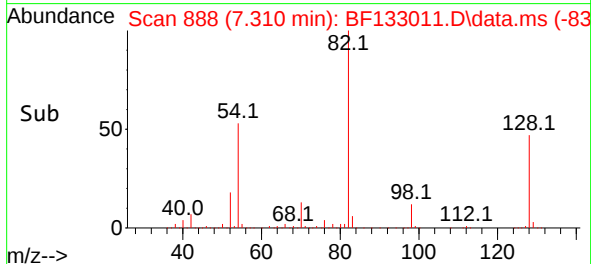
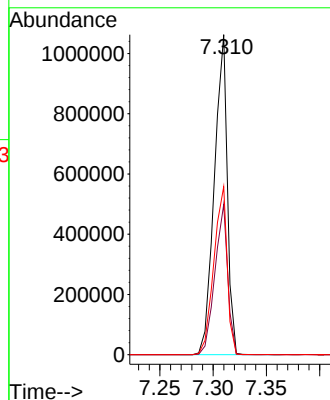
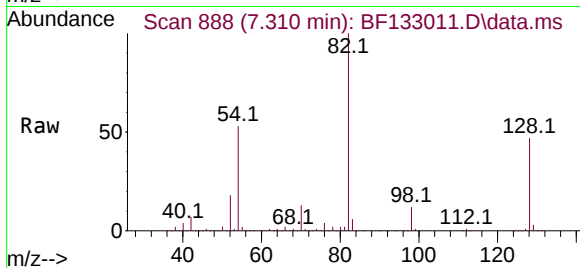
Tgt Ion: 82 Resp: 901657

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 52.5 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.012 min

Lab File: BF133011.D

Acq: 24 Apr 2023 23:24

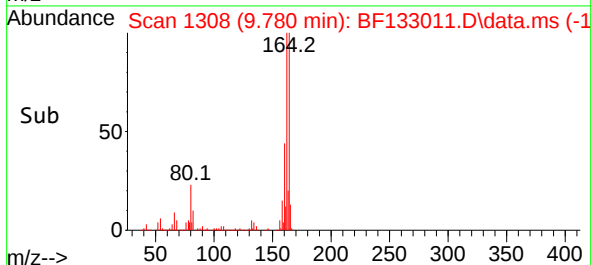
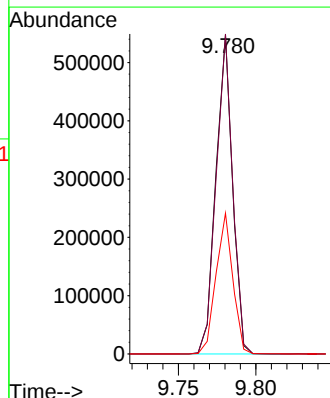
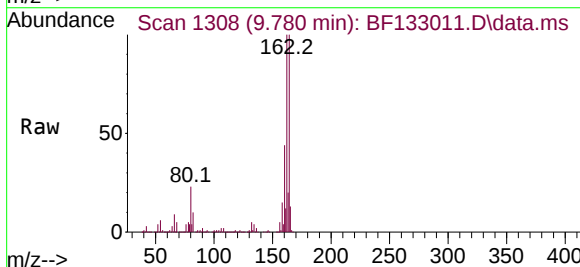
Tgt Ion:164 Resp: 408731

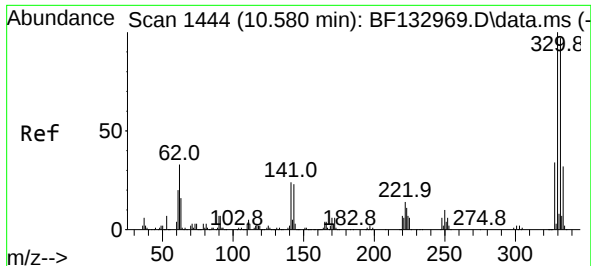
Ion Ratio Lower Upper

164 100

162 100.2 78.7 118.1

160 44.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 94.983 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF133011.D

Acq: 24 Apr 2023 23:24

Instrument :

BNA_F

ClientSampleId :

MH-92

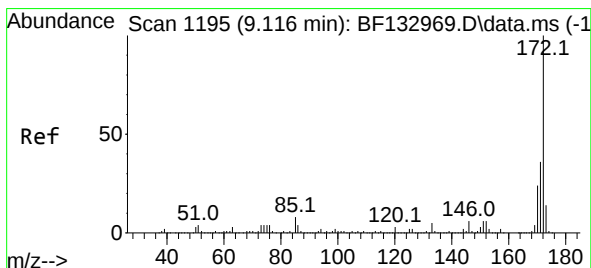
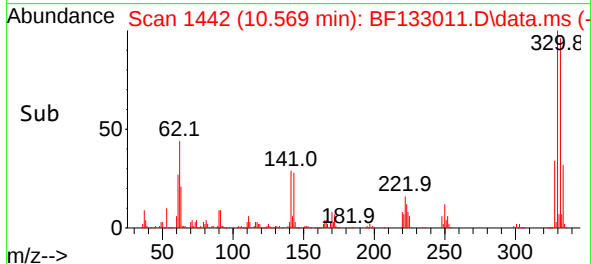
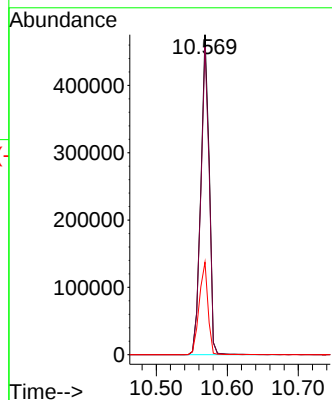
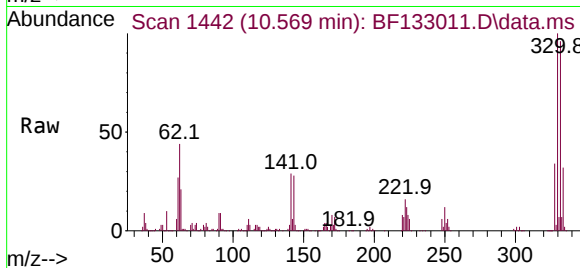
Tgt Ion:330 Resp: 390435

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 30.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 61.742 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.012 min

Lab File: BF133011.D

Acq: 24 Apr 2023 23:24

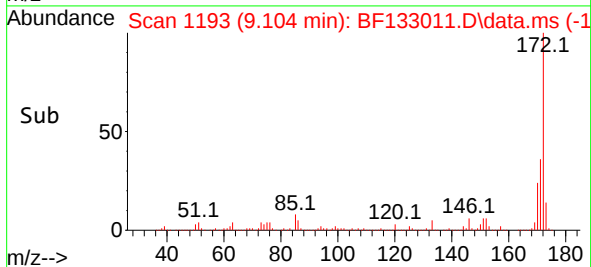
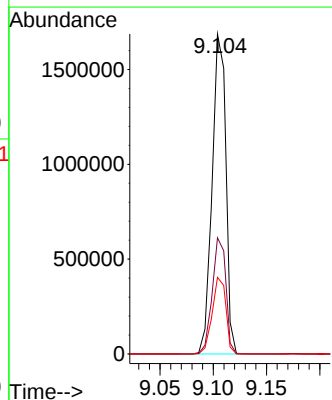
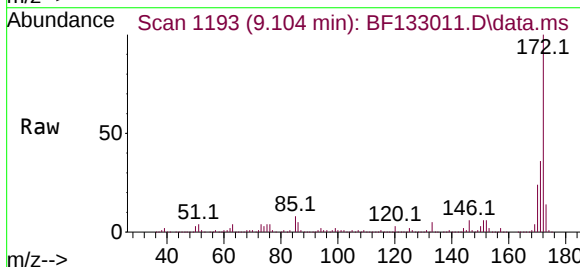
Tgt Ion:172 Resp: 1508421

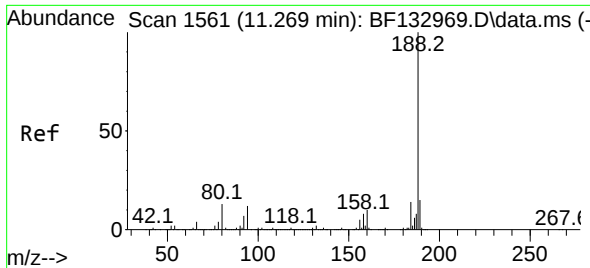
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.0 19.4 29.2

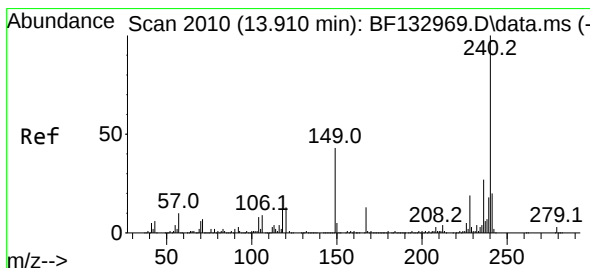
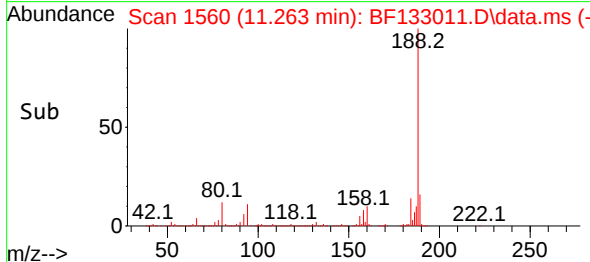
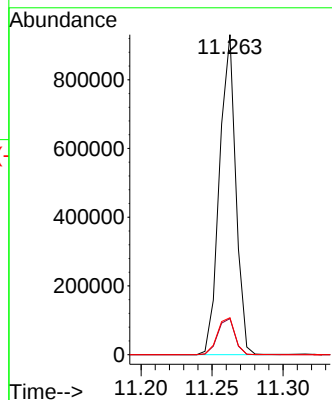
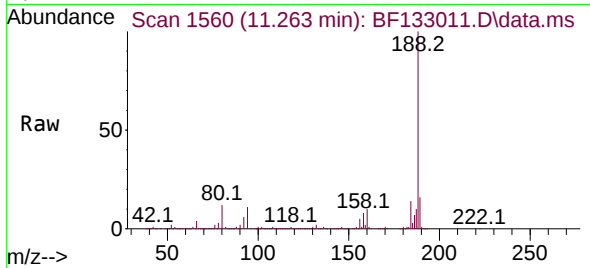




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

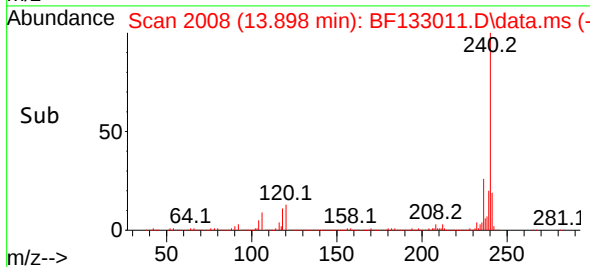
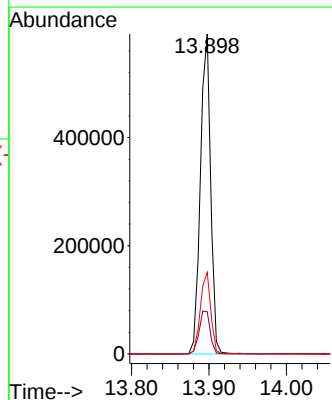
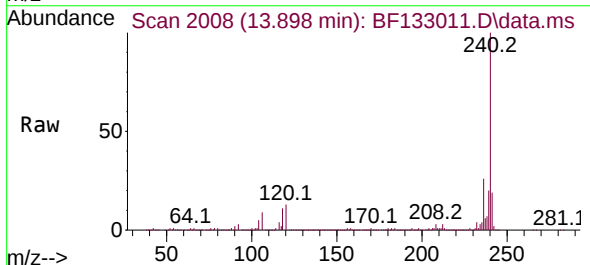
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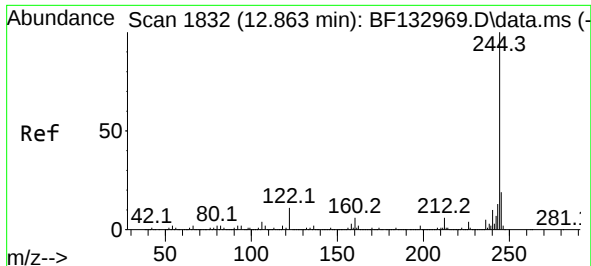
Tgt Ion:188 Resp: 743044
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 11.5 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Tgt Ion:240 Resp: 543998
Ion Ratio Lower Upper
240 100
120 13.2 10.5 15.7
236 25.5 21.5 32.3

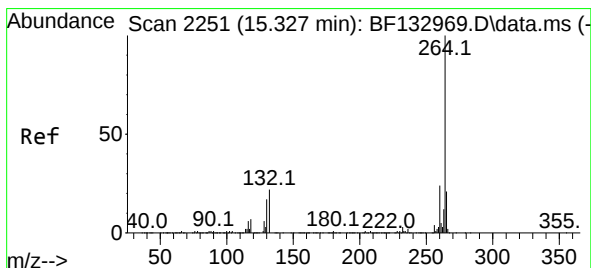
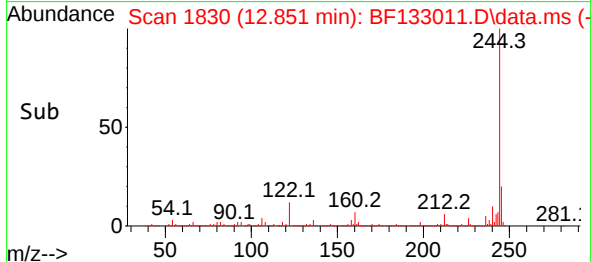
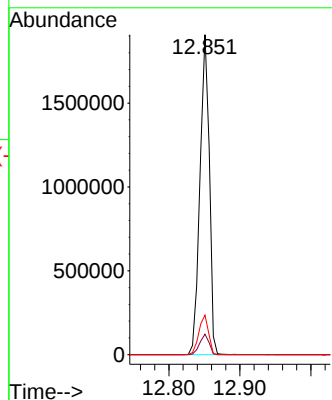
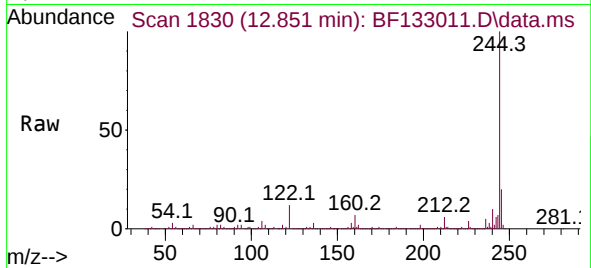




#79
 Terphenyl-d14
 Concen: 55.608 ng
 RT: 12.851 min Scan# 1830
 Delta R.T. -0.012 min
 Lab File: BF133011.D
 Acq: 24 Apr 2023 23:24

Instrument :
 BNA_F
 ClientSampleId :
 MH-92

Tgt Ion:244 Resp: 1753999
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.4 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. -0.006 min
 Lab File: BF133011.D
 Acq: 24 Apr 2023 23:24

Tgt Ion:264 Resp: 443572
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 21.9 17.0 25.4

