

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133007.D
 Acq On : 24 Apr 2023 21:23
 Operator : CG\JU
 Sample : 02464-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-91

Quant Time: Apr 25 02:12:22 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	201293	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	807715	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	414240	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	769131	20.000	ng	0.00
76) Chrysene-d12	13.898	240	566858	20.000	ng	-0.01
86) Perylene-d12	15.321	264	459593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1521783	114.203	ng	0.02
7) Phenol-d6	6.387	99	1724798	104.284	ng	0.00
23) Nitrobenzene-d5	7.310	82	1246865	83.324	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	561880	134.874	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2043600	82.535	ng	0.00
79) Terphenyl-d14	12.857	244	2660313	80.940	ng	0.00

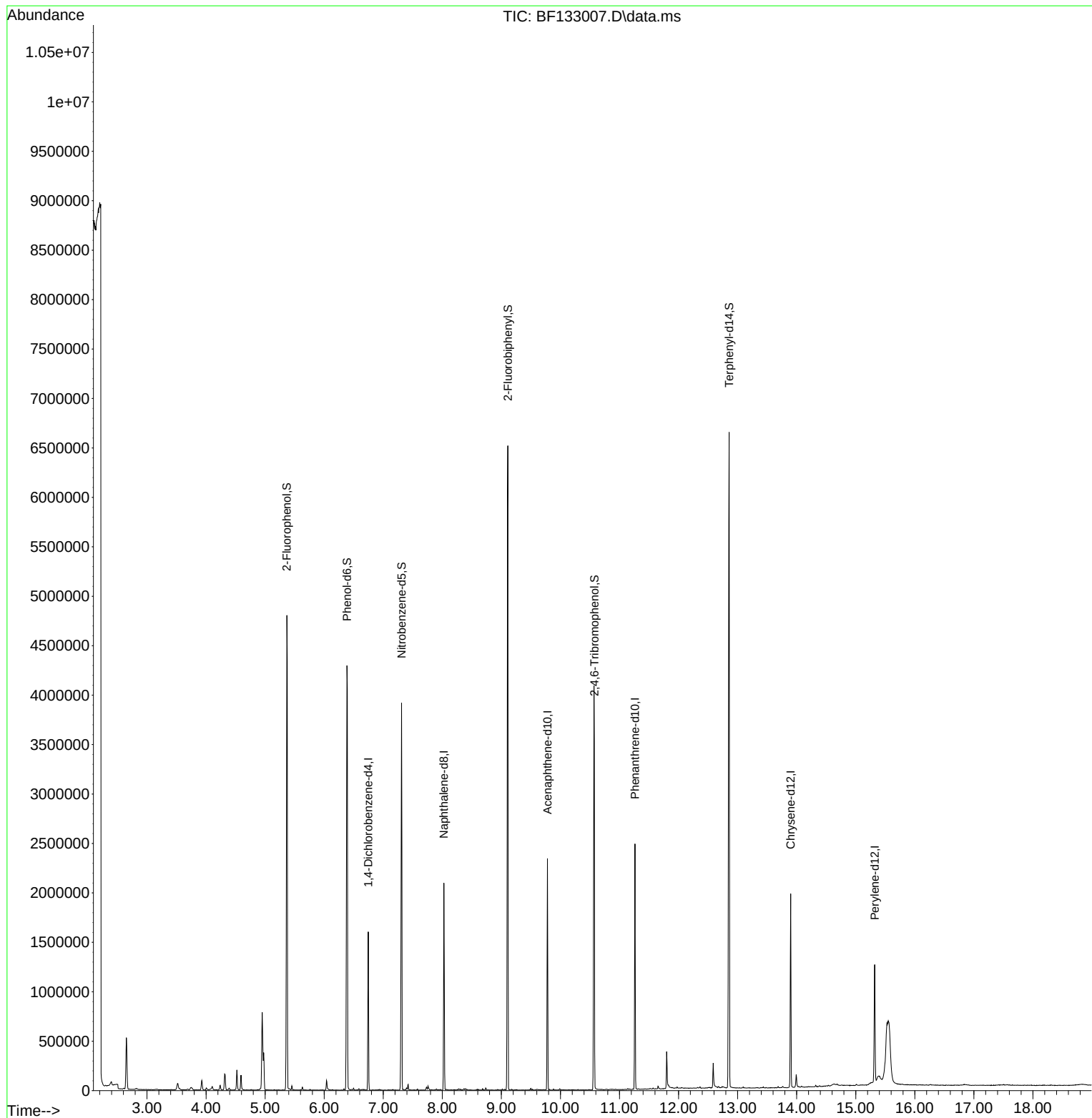
Target Compounds	Qvalue

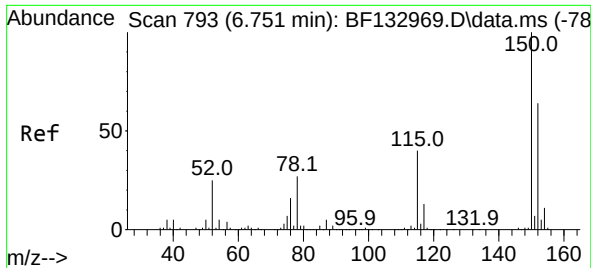
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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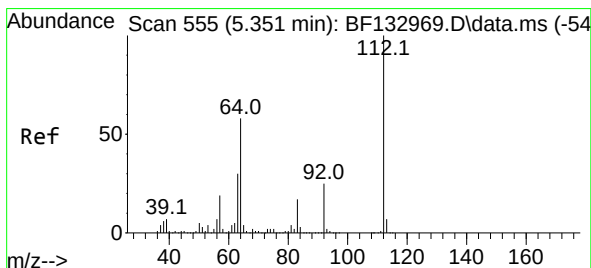
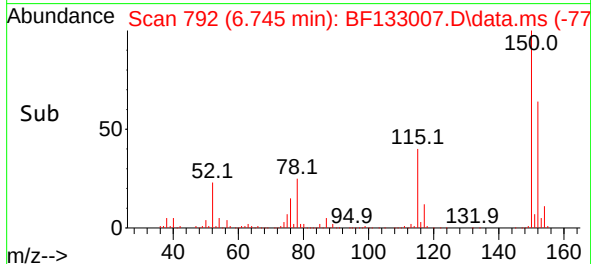
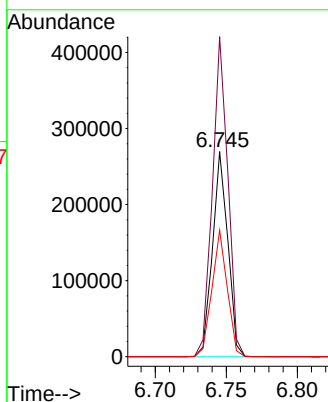
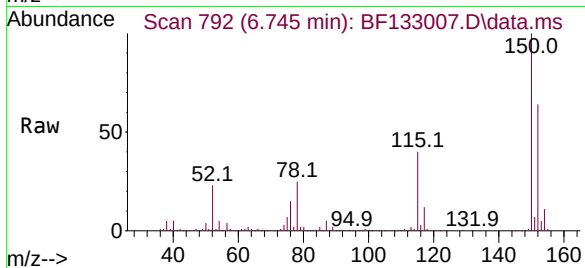




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133007.D
 Acq: 24 Apr 2023 21:23

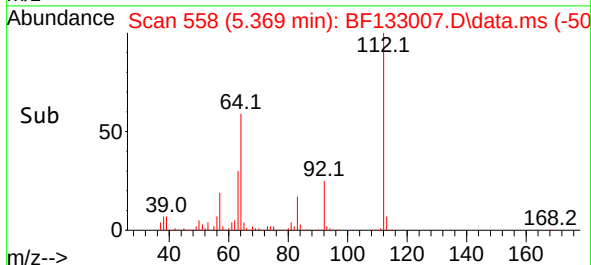
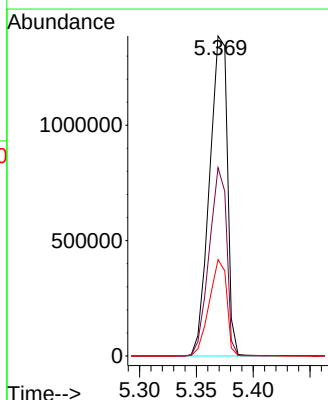
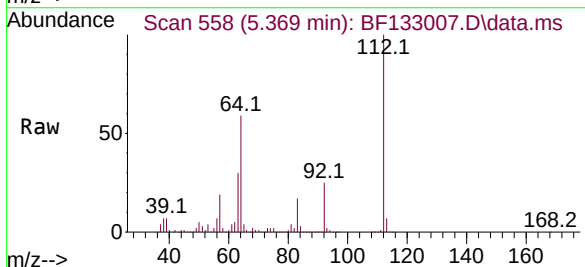
Instrument :
 BNA_F
 ClientSampleId :
 MH-91

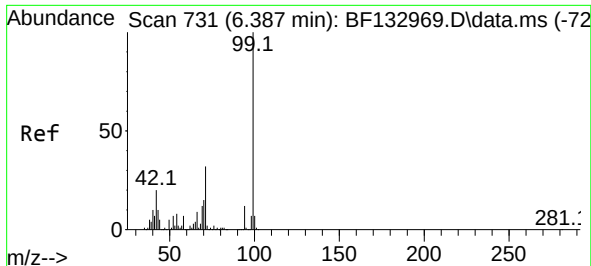
Tgt Ion:152 Resp: 201293
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.8 187.2
 115 61.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 114.203 ng
 RT: 5.369 min Scan# 558
 Delta R.T. 0.018 min
 Lab File: BF133007.D
 Acq: 24 Apr 2023 21:23

Tgt Ion:112 Resp: 1521783
 Ion Ratio Lower Upper
 112 100
 64 58.8 46.8 70.2
 63 30.1 23.8 35.8

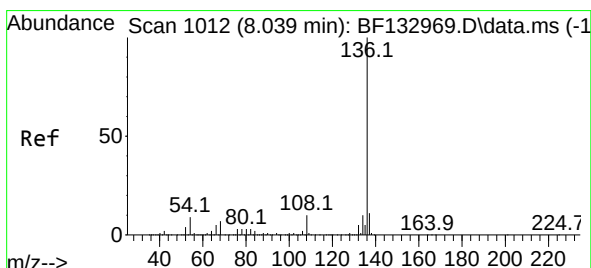
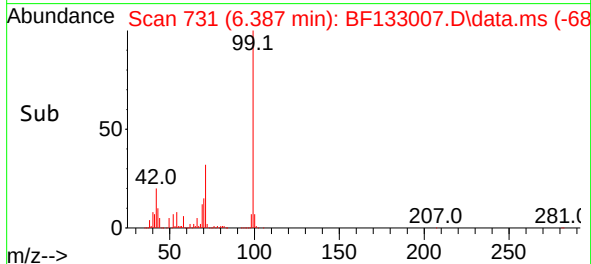
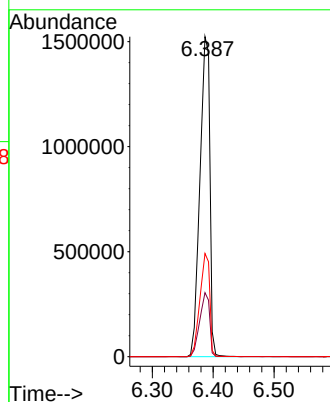
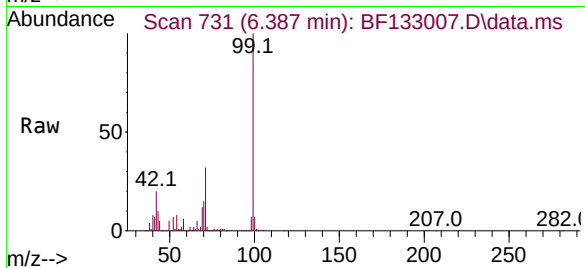




#7
Phenol-d6
Concen: 104.284 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

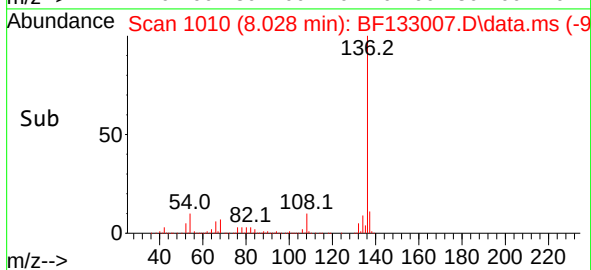
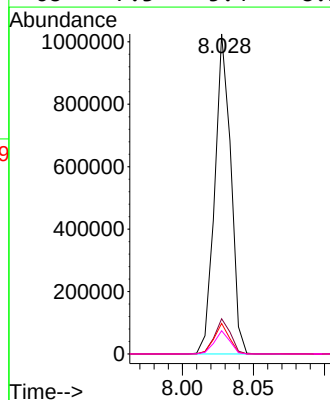
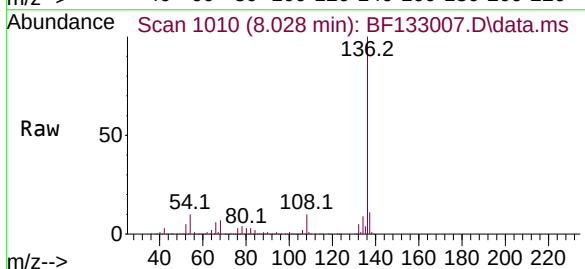
Instrument :
BNA_F
ClientSampleId :
MH-91

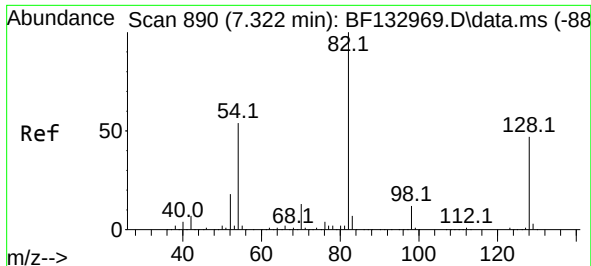
Tgt Ion: 99 Resp: 1724798
Ion Ratio Lower Upper
99 100
42 20.0 16.3 24.5
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

Tgt Ion:136 Resp: 807715
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 7.0 10.4
68 7.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 83.324 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

Instrument :

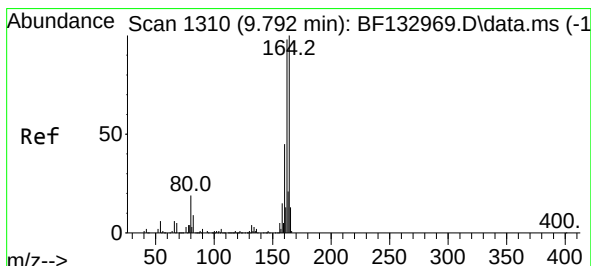
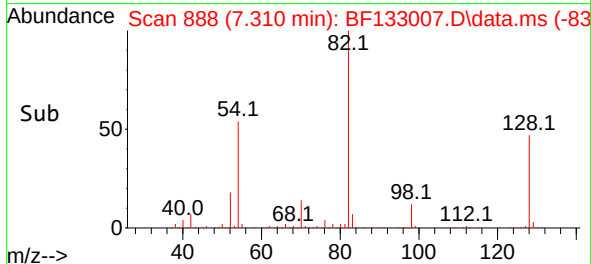
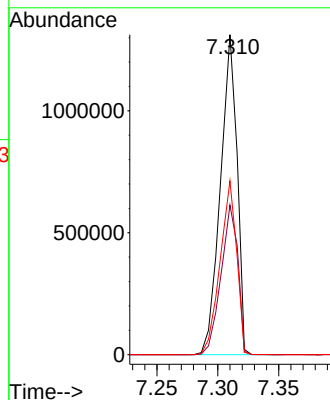
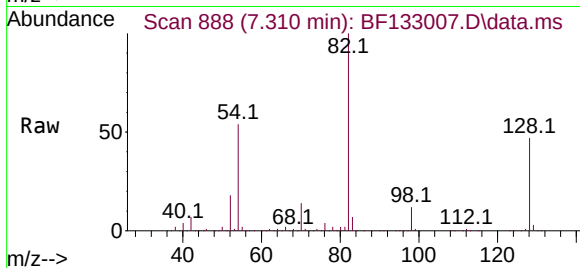
BNA_F

ClientSampleId :

MH-91

Tgt Ion: 82 Resp: 1246865

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.7	56.5
54	54.4	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1308

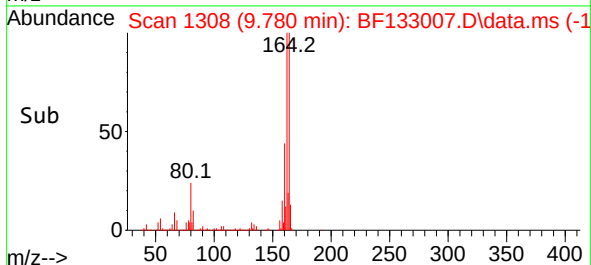
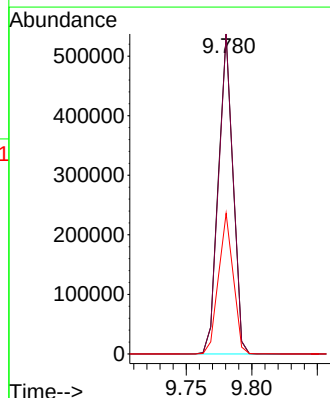
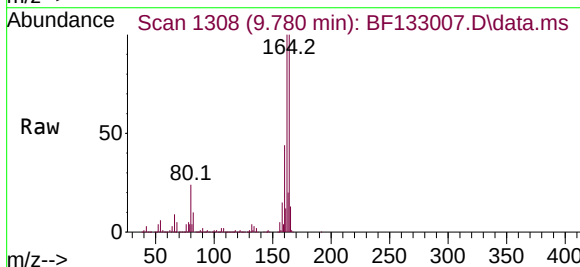
Delta R.T. -0.012 min

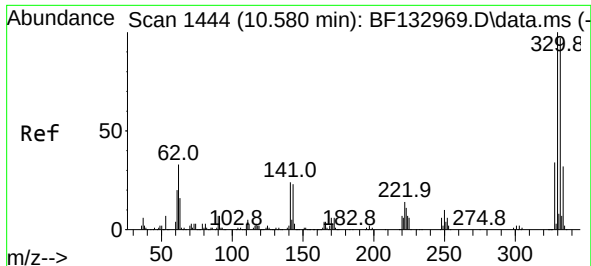
Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

Tgt Ion:164 Resp: 414240

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.7	118.1
160	44.0	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 134.874 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

Instrument :

BNA_F

ClientSampleId :

MH-91

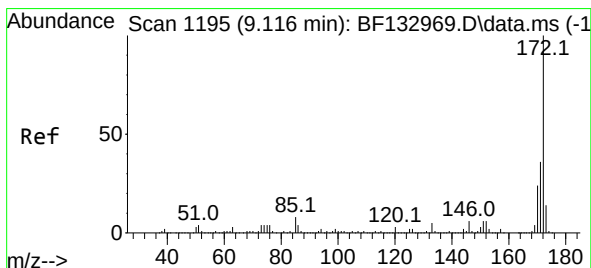
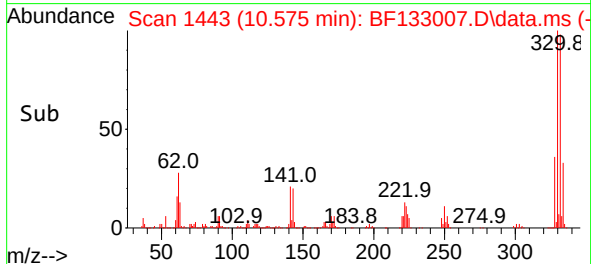
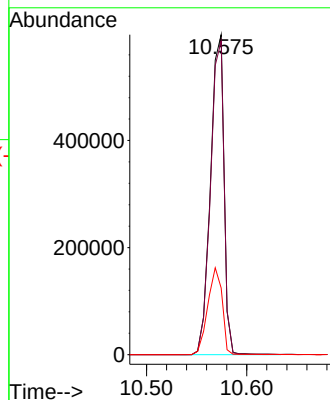
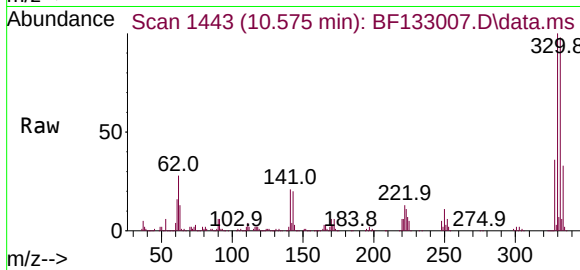
Tgt Ion:330 Resp: 561880

Ion Ratio Lower Upper

330 100

332 98.0 77.1 115.7

141 29.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 82.535 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF133007.D

Acq: 24 Apr 2023 21:23

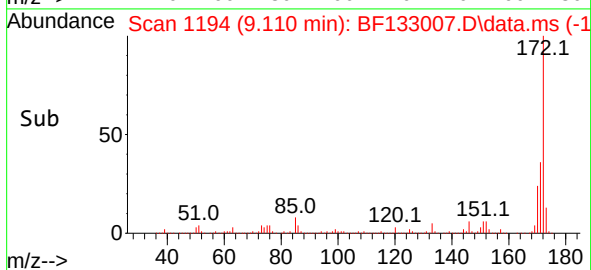
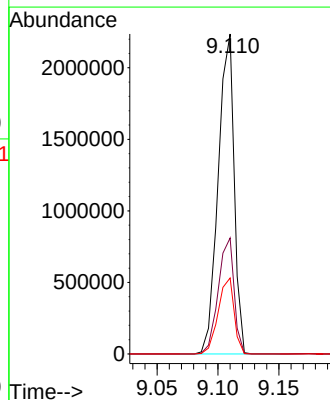
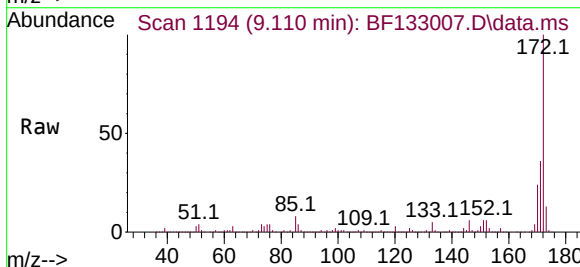
Tgt Ion:172 Resp: 2043600

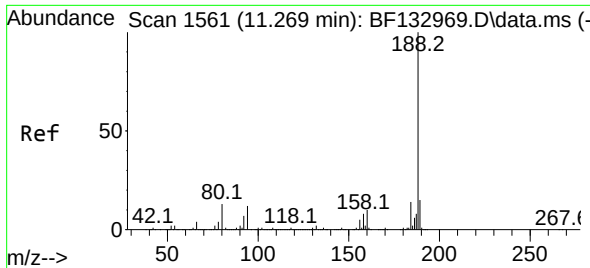
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.8 19.4 29.2

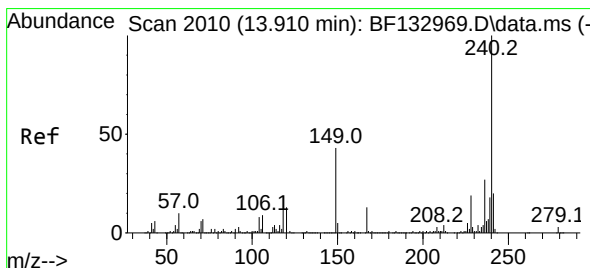
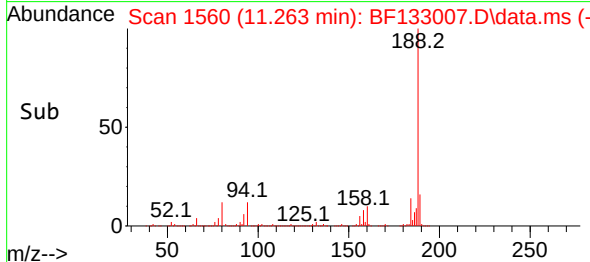
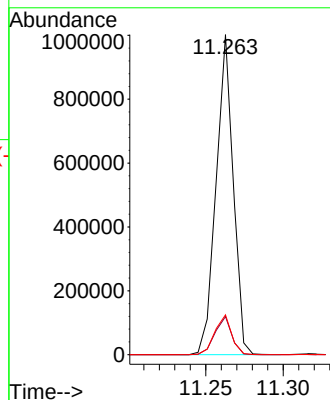
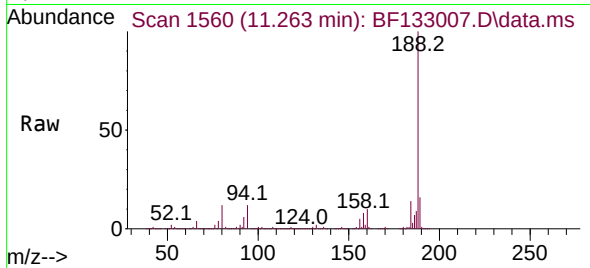




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

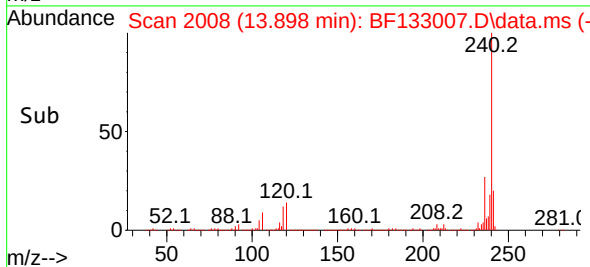
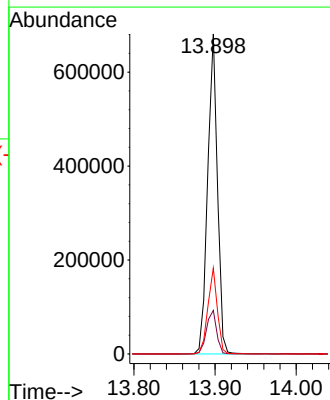
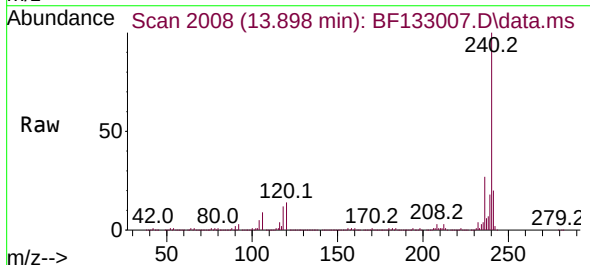
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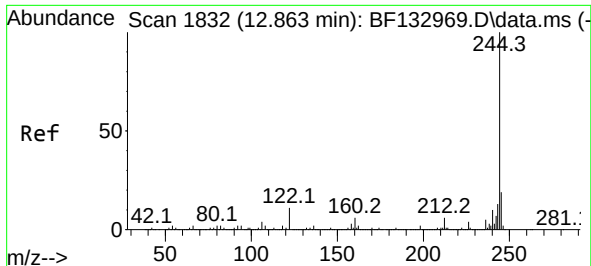
Tgt Ion:188 Resp: 769131
Ion Ratio Lower Upper
188 100
94 11.9 9.7 14.5
80 12.4 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF133007.D
Acq: 24 Apr 2023 21:23

Tgt Ion:240 Resp: 566858
Ion Ratio Lower Upper
240 100
120 13.6 10.5 15.7
236 26.9 21.5 32.3

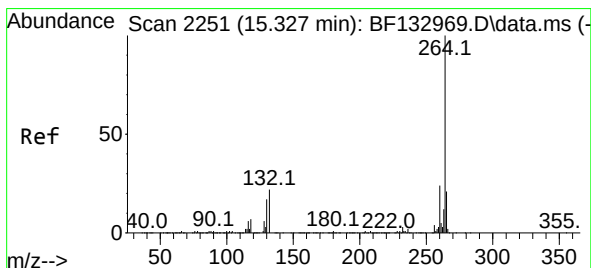
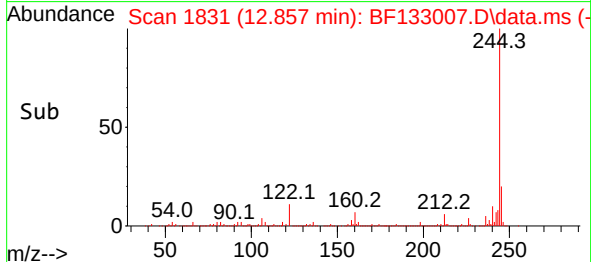
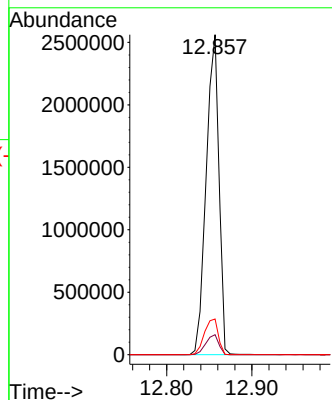
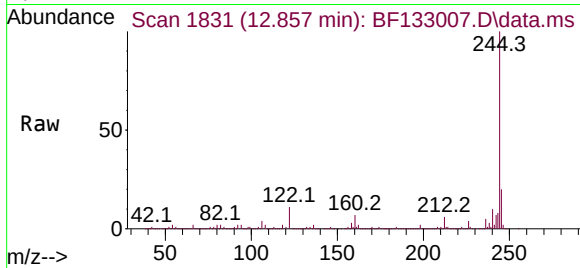




#79
 Terphenyl-d14
 Concen: 80.940 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF133007.D
 Acq: 24 Apr 2023 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MH-91

Tgt Ion:244 Resp: 2660313
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 11.2 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: BF133007.D
 Acq: 24 Apr 2023 21:23

Tgt Ion:264 Resp: 459593
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.1 17.0 25.4

