

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132992.D
 Acq On : 24 Apr 2023 13:28
 Operator : CG\JU
 Sample : PB152338BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152338BL

Quant Time: Apr 24 14:29:29 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	221604	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	933876	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	512968	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	902736	20.000	ng	0.00
76) Chrysene-d12	13.898	240	716359	20.000	ng	-0.01
86) Perylene-d12	15.327	264	690671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1255495	85.583	ng	0.01
7) Phenol-d6	6.381	99	1542504	84.714	ng	0.00
23) Nitrobenzene-d5	7.310	82	1373202	79.369	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	379491	73.561	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	2260319	73.718	ng	0.00
79) Terphenyl-d14	12.857	244	2677535	64.463	ng	0.00

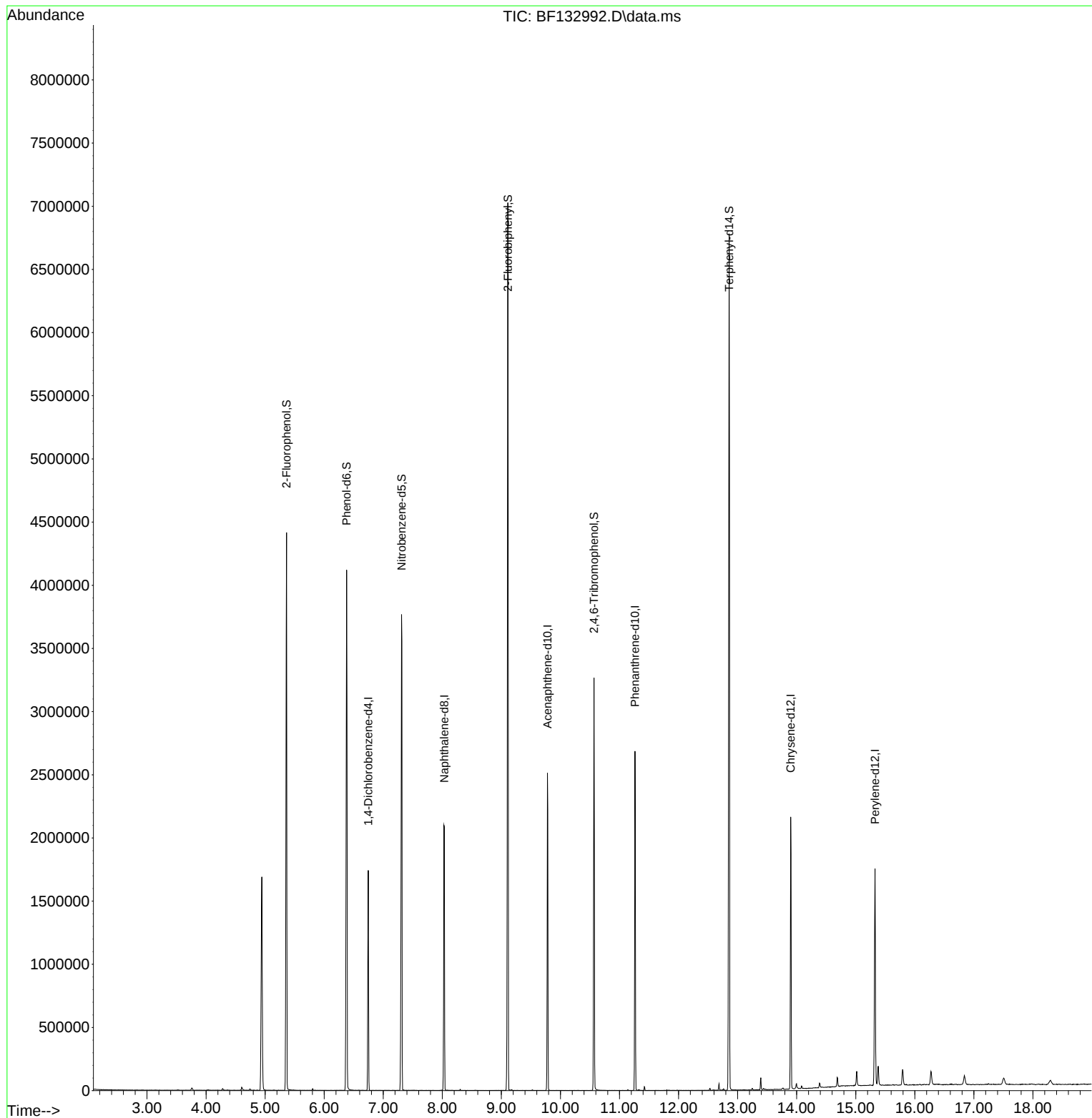
Target Compounds	Qvalue

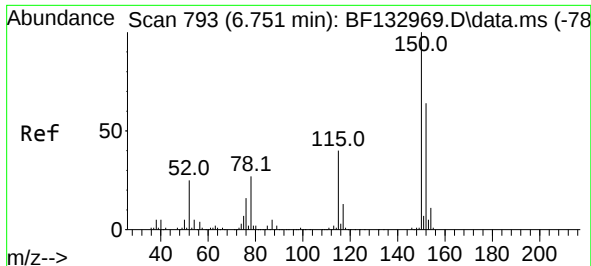
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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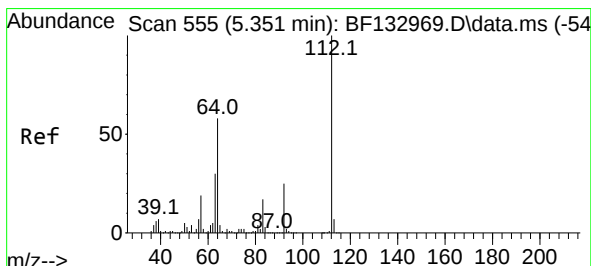
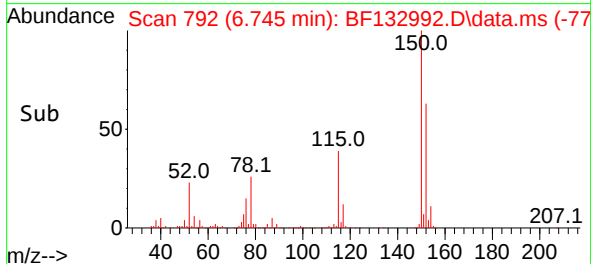
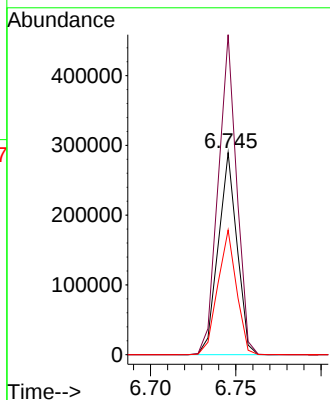
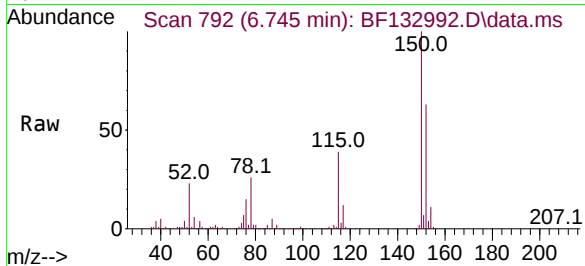




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

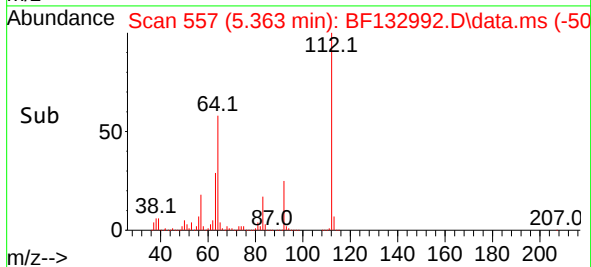
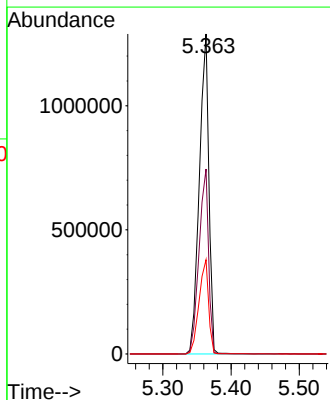
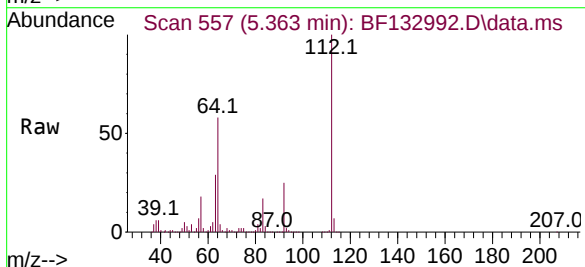
Instrument :
BNA_F
ClientSampleId :
PB152338BL

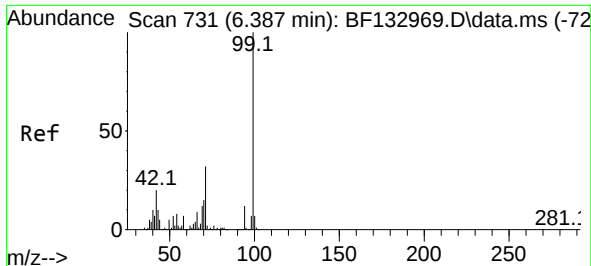
Tgt Ion:152 Resp: 221604
Ion Ratio Lower Upper
152 100
150 158.4 124.8 187.2
115 61.7 49.9 74.9



#5
2-Fluorophenol
Concen: 85.583 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.012 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

Tgt Ion:112 Resp: 1255495
Ion Ratio Lower Upper
112 100
64 57.8 46.8 70.2
63 29.5 23.8 35.8





#7

Phenol-d6

Concen: 84.714 ng

RT: 6.381 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF132992.D

Acq: 24 Apr 2023 13:28

Instrument :

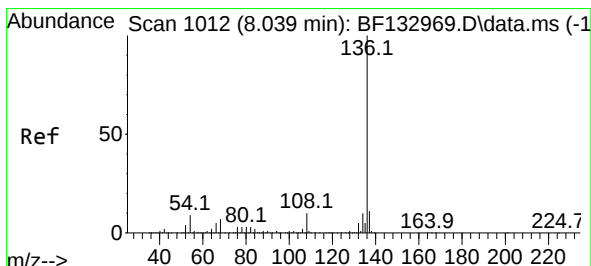
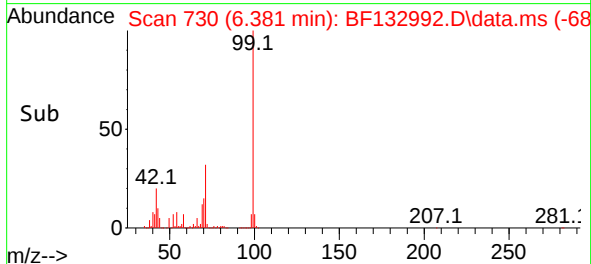
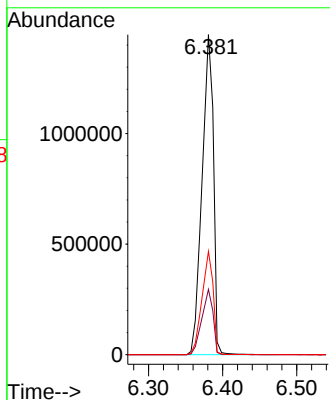
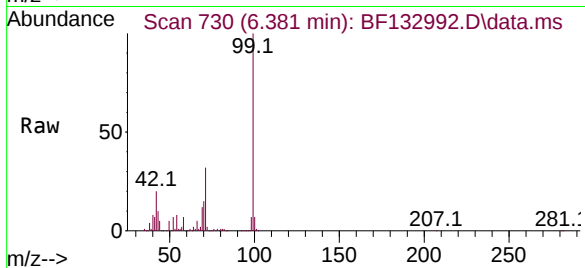
BNA_F

ClientSampleId :

PB152338BL

Tgt Ion: 99 Resp: 1542504

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.3	24.5
71	32.3	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

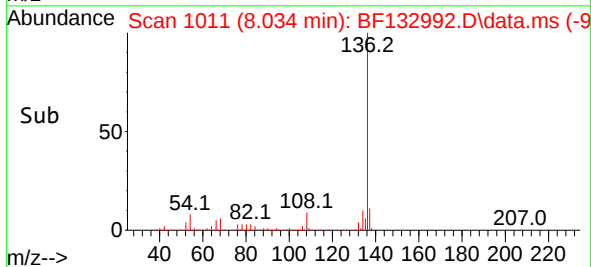
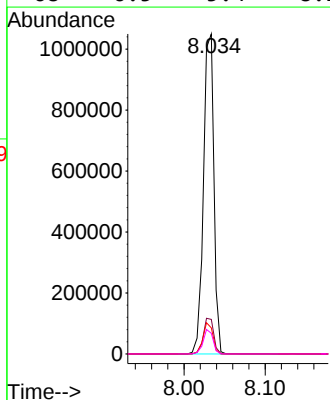
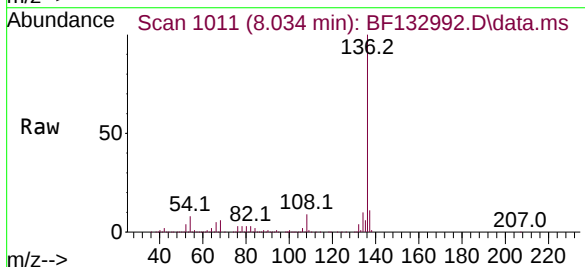
Delta R.T. -0.006 min

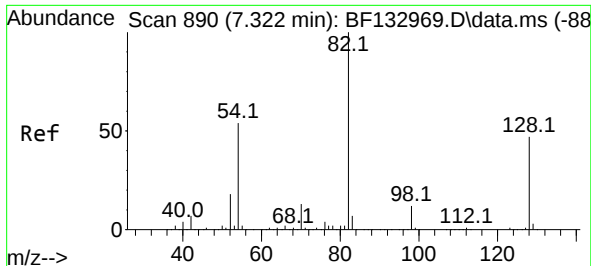
Lab File: BF132992.D

Acq: 24 Apr 2023 13:28

Tgt Ion: 136 Resp: 933876

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.2	7.0	10.4
68	6.5	5.4	8.2





#23

Nitrobenzene-d5

Concen: 79.369 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF132992.D

Acq: 24 Apr 2023 13:28

Instrument :

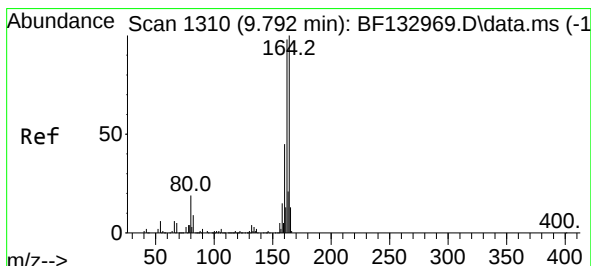
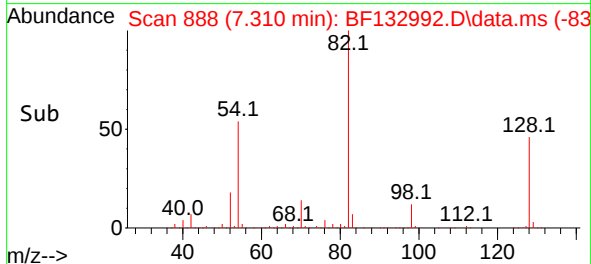
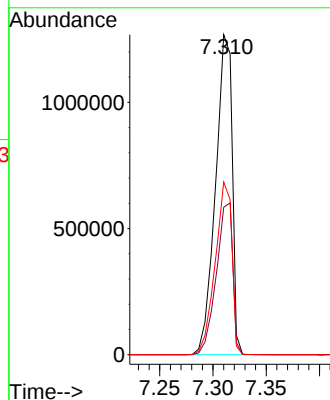
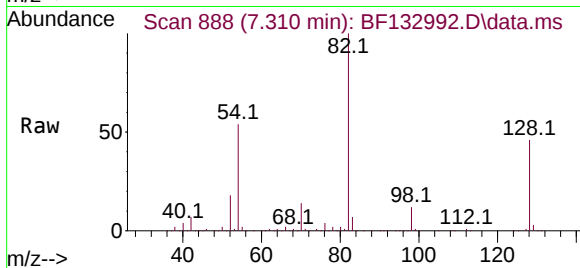
BNA_F

ClientSampleId :

PB152338BL

Tgt Ion: 82 Resp: 1373202

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	54.0	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1308

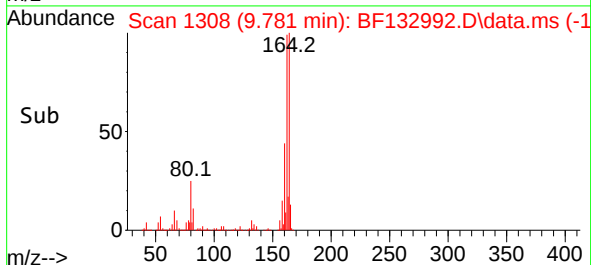
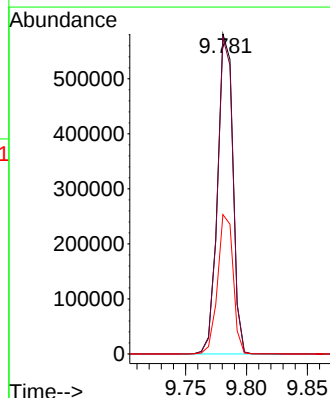
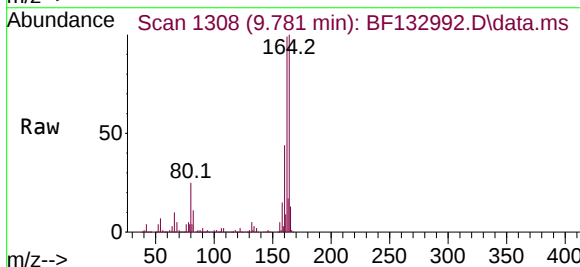
Delta R.T. -0.012 min

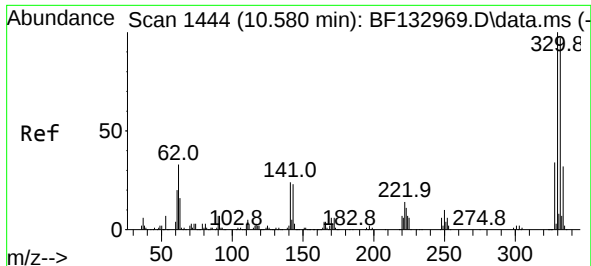
Lab File: BF132992.D

Acq: 24 Apr 2023 13:28

Tgt Ion:164 Resp: 512968

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.7	118.1
160	43.6	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 73.561 ng

RT: 10.569 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF132992.D

Acq: 24 Apr 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152338BL

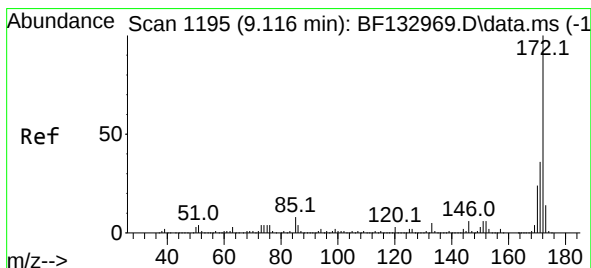
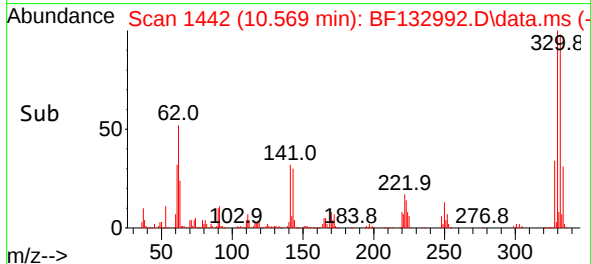
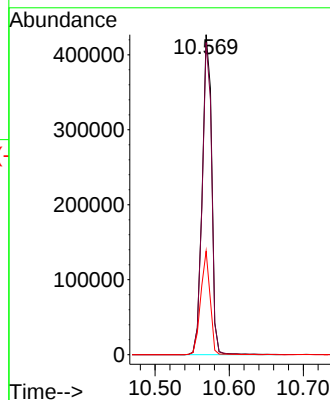
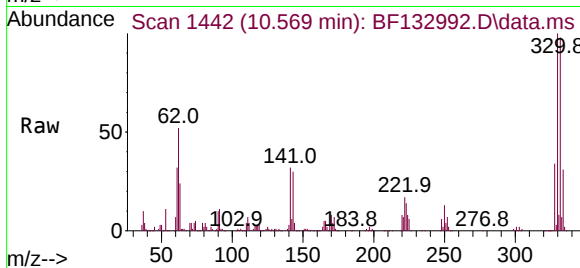
Tgt Ion:330 Resp: 379491

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 32.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 73.718 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132992.D

Acq: 24 Apr 2023 13:28

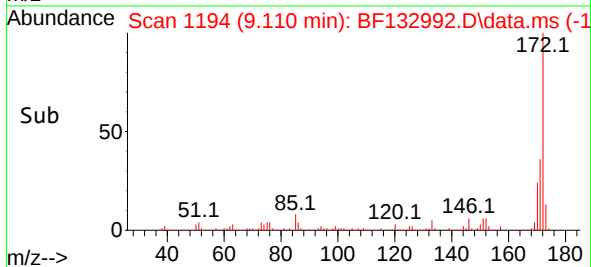
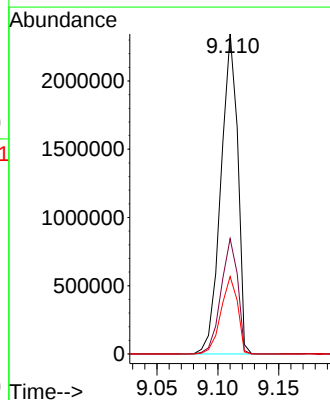
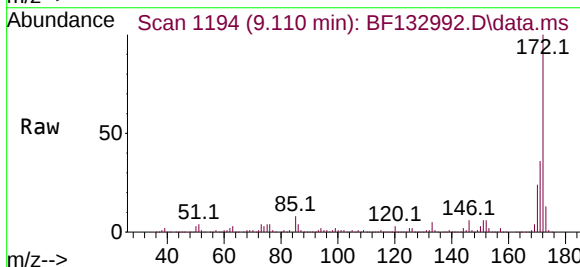
Tgt Ion:172 Resp: 2260319

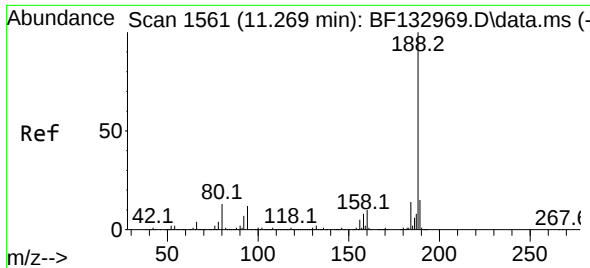
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.2 19.4 29.2

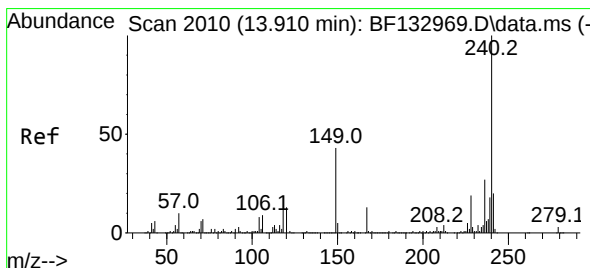
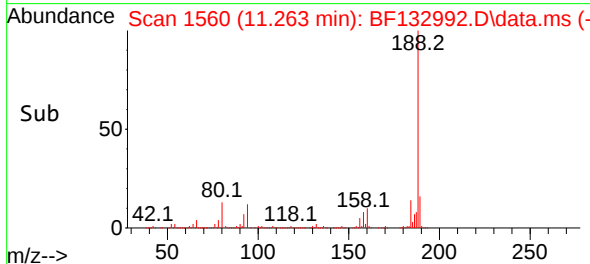
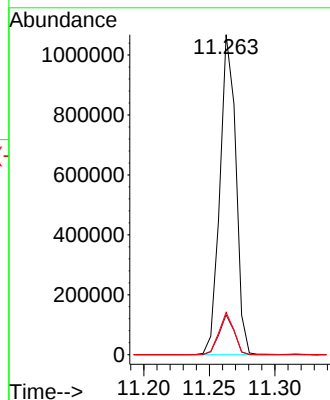
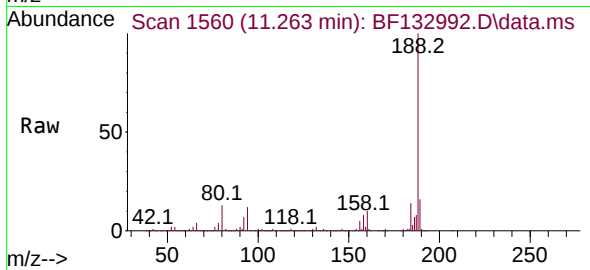




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

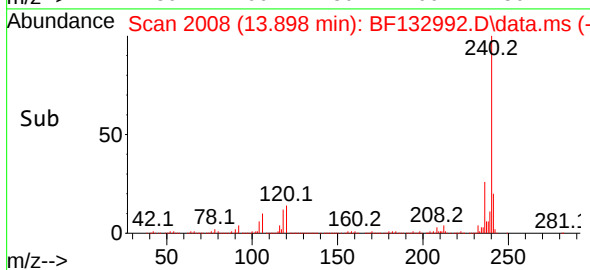
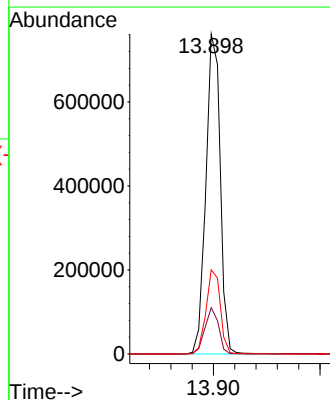
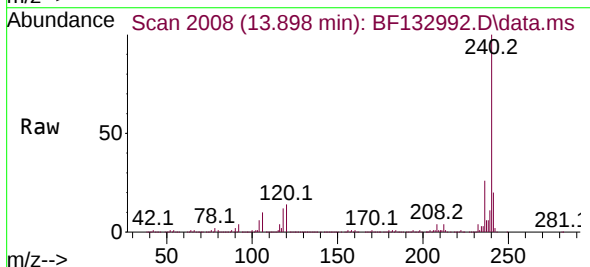
Instrument :
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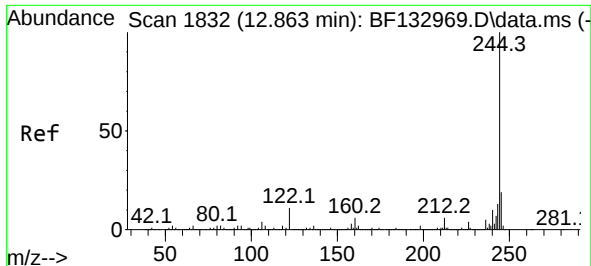
Tgt Ion:188 Resp: 902736
Ion Ratio Lower Upper
188 100
94 12.5 9.7 14.5
80 13.2 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF132992.D
Acq: 24 Apr 2023 13:28

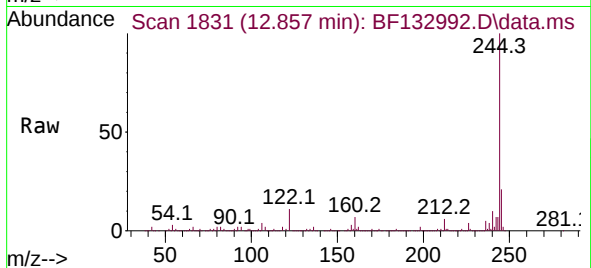
Tgt Ion:240 Resp: 716359
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 26.3 21.5 32.3



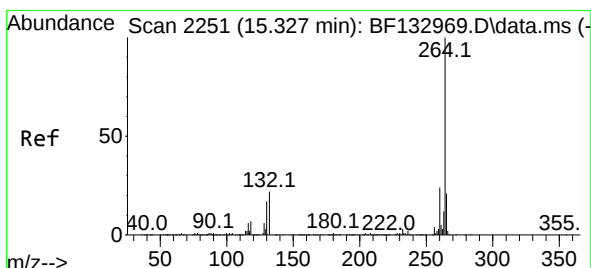
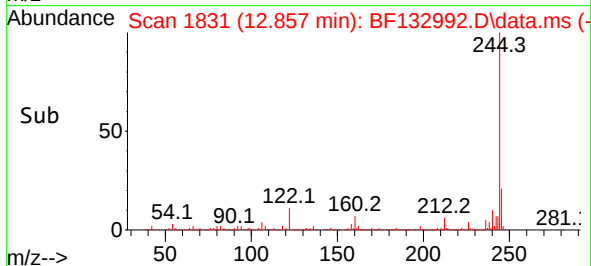
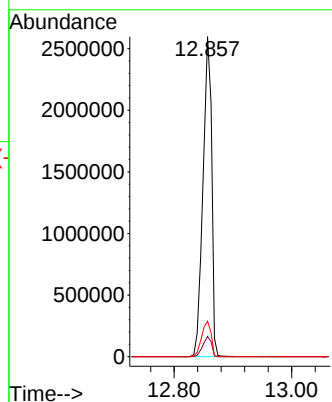


#79
 Terphenyl-d14
 Concen: 64.463 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF132992.D
 Acq: 24 Apr 2023 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB152338BL



Tgt Ion:244 Resp: 2677535
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BF132992.D
 Acq: 24 Apr 2023 13:28

Tgt Ion:264 Resp: 690671
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.7 17.0 25.4

