

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133039.D
 Acq On : 25 Apr 2023 21:28
 Operator : CG\JU
 Sample : 02423-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-1

Quant Time: Apr 26 02:18:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	194272	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	787631	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	410245	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	749038	20.000	ng	0.00
76) Chrysene-d12	13.892	240	457652	20.000	ng	0.00
86) Perylene-d12	15.310	264	382948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	801674	62.336	ng	0.00
7) Phenol-d6	6.369	99	589983	36.960	ng	-0.02
23) Nitrobenzene-d5	7.304	82	1337133	91.635	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	580864	140.788	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2217274	90.422	ng	0.00
79) Terphenyl-d14	12.851	244	2619286	98.708	ng	0.00

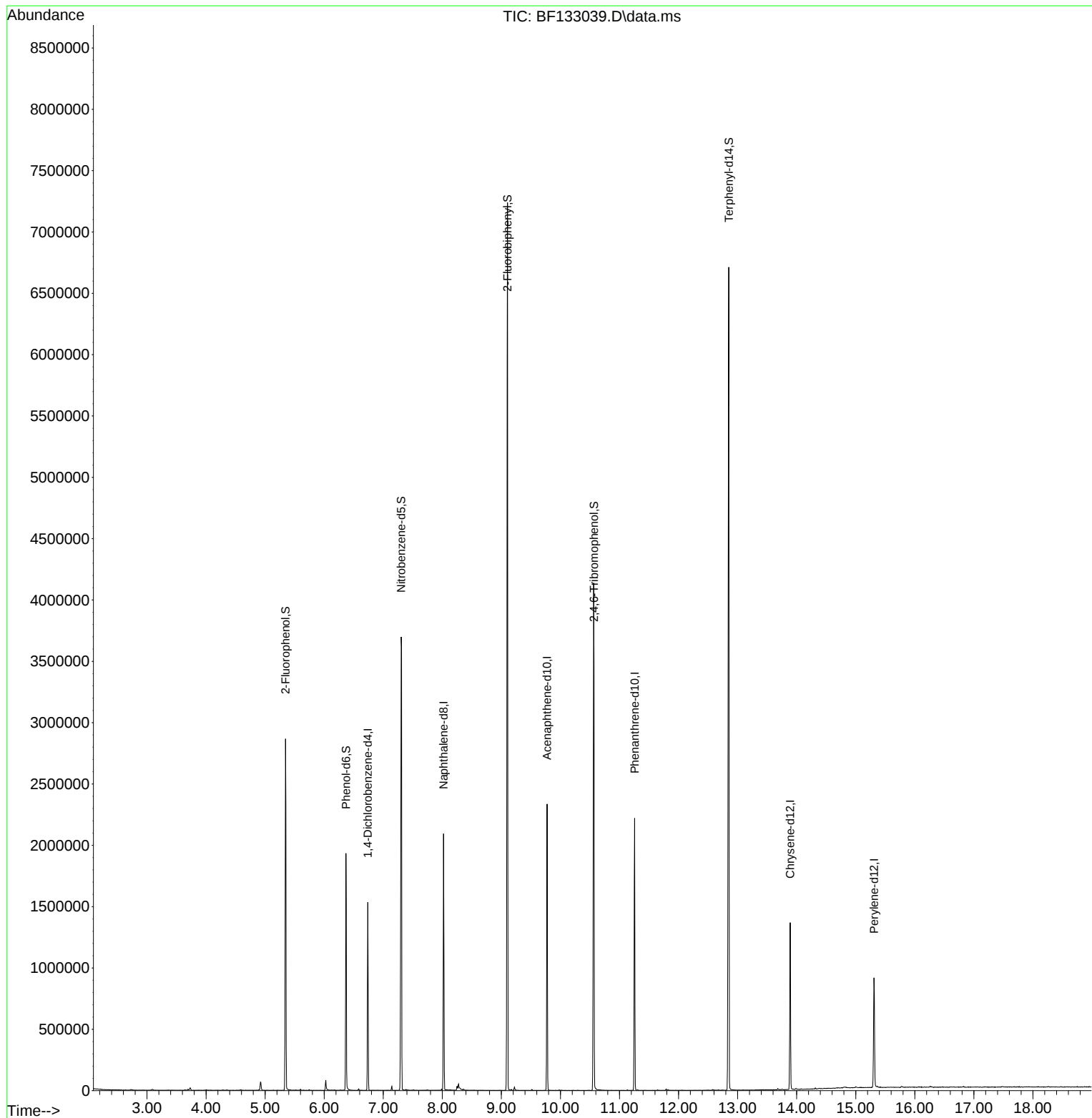
Target Compounds	Qvalue

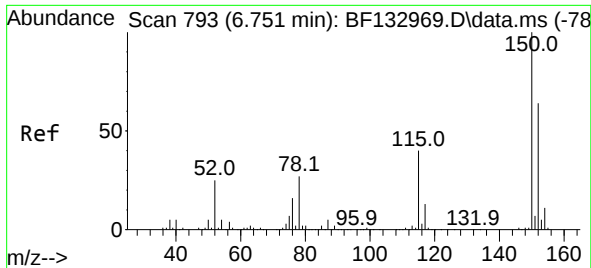
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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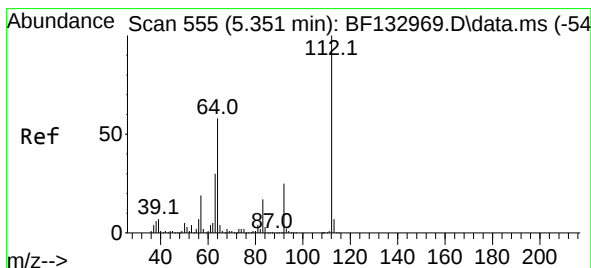
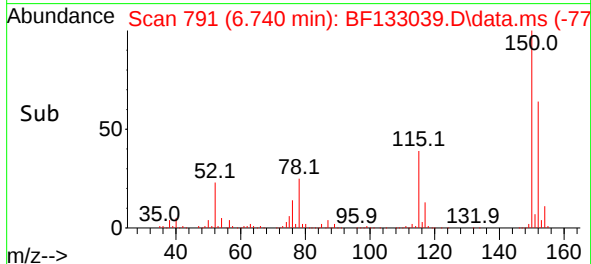
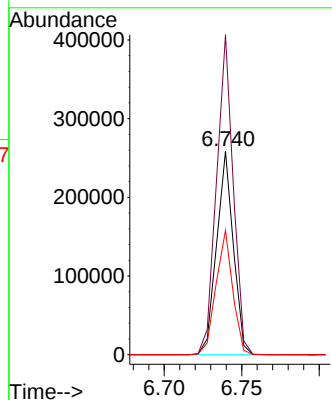
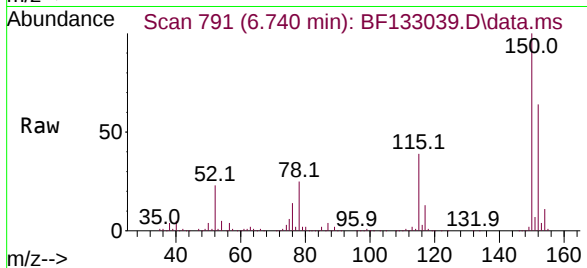




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133039.D
 Acq: 25 Apr 2023 21:28

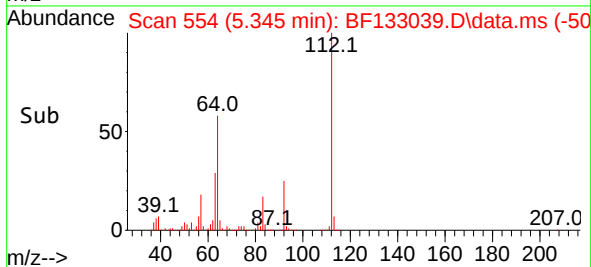
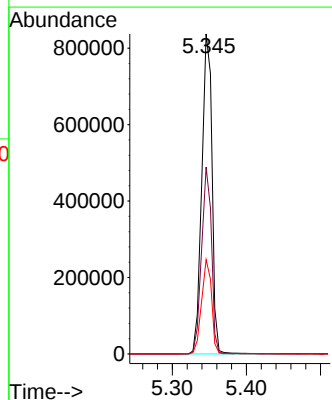
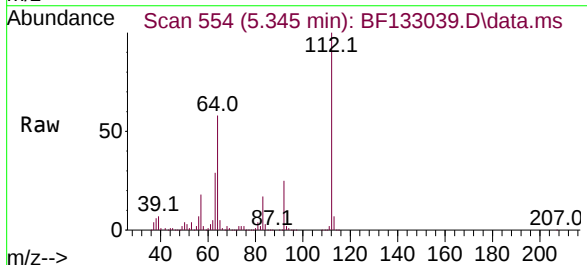
Instrument :
 BNA_F
 ClientSampleId :
 EB-1

Tgt Ion:152 Resp: 194272
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.8 187.2
 115 61.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 62.336 ng
 RT: 5.345 min Scan# 554
 Delta R.T. -0.006 min
 Lab File: BF133039.D
 Acq: 25 Apr 2023 21:28

Tgt Ion:112 Resp: 801674
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.8 70.2
 63 29.5 23.8 35.8

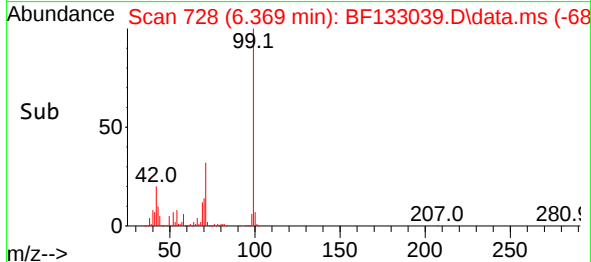
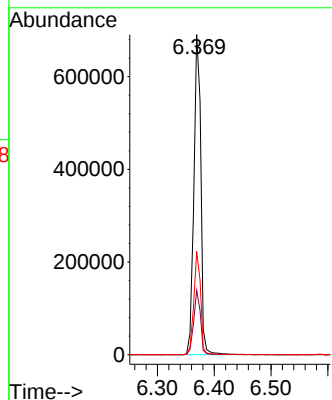
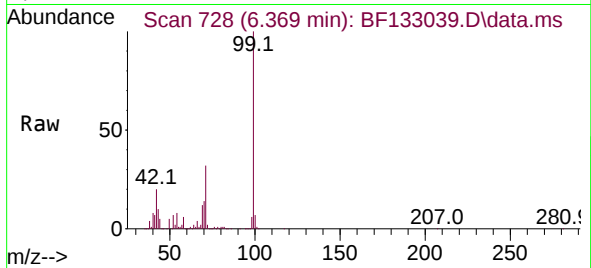




#7
Phenol-d6
Concen: 36.960 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

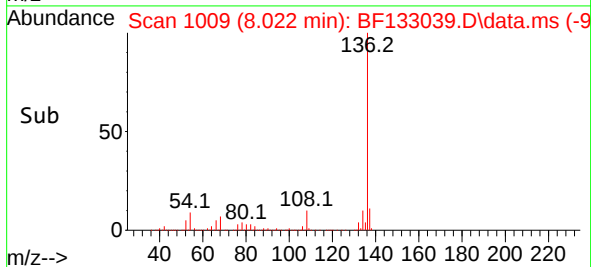
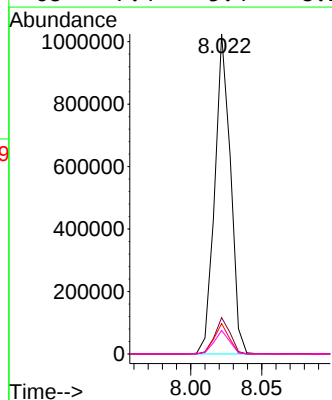
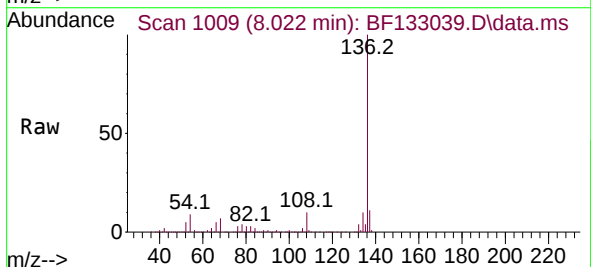
Instrument :
BNA_F
ClientSampleId :
EB-1

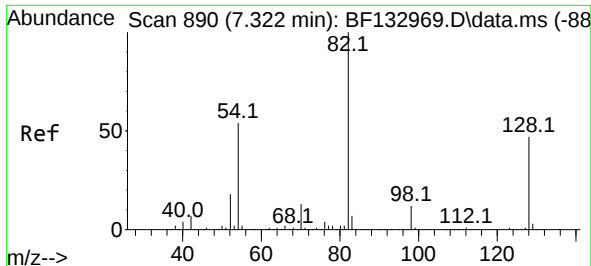
Tgt Ion: 99 Resp: 589983
Ion Ratio Lower Upper
99 100
42 20.1 16.3 24.5
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

Tgt Ion: 136 Resp: 787631
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.5 7.0 10.4
68 7.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 91.635 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133039.D

Acq: 25 Apr 2023 21:28

Instrument :

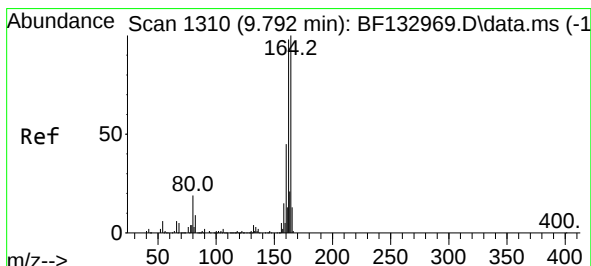
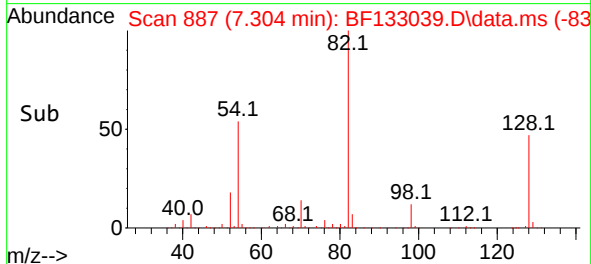
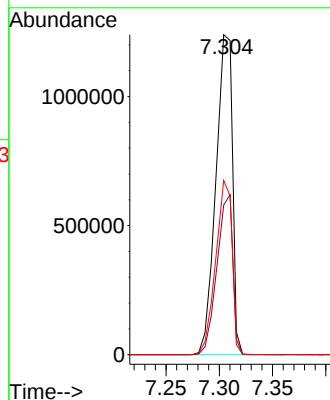
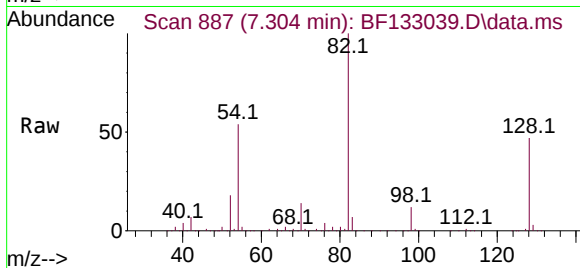
BNA_F

ClientSampleId :

EB-1

Tgt Ion: 82 Resp: 1337133

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.7	56.5
54	54.5	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

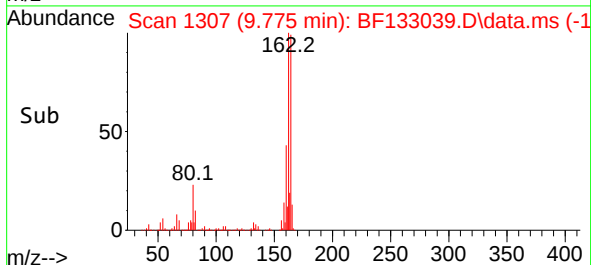
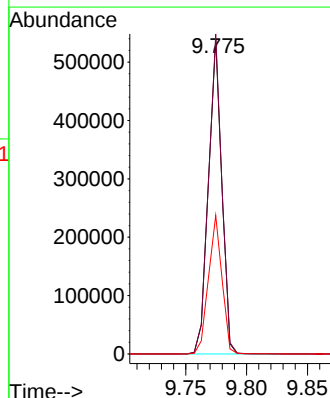
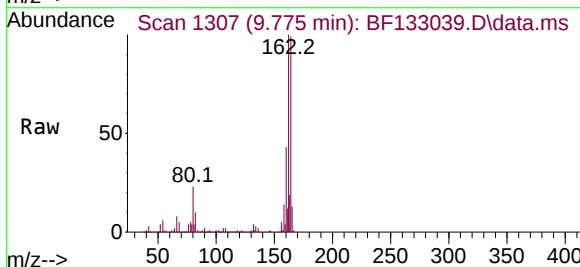
Delta R.T. -0.006 min

Lab File: BF133039.D

Acq: 25 Apr 2023 21:28

Tgt Ion:164 Resp: 410245

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.7	118.1
160	44.0	35.8	53.6

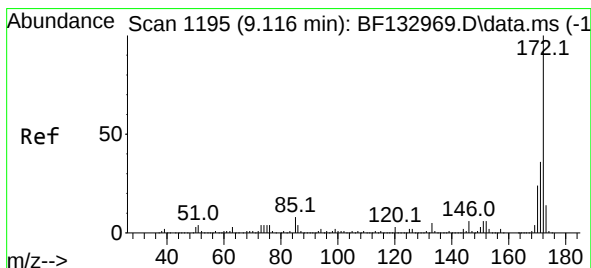
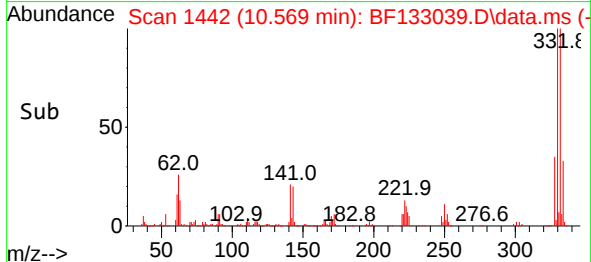
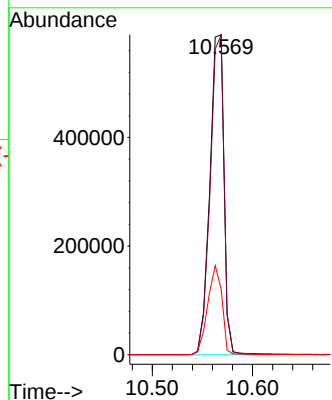
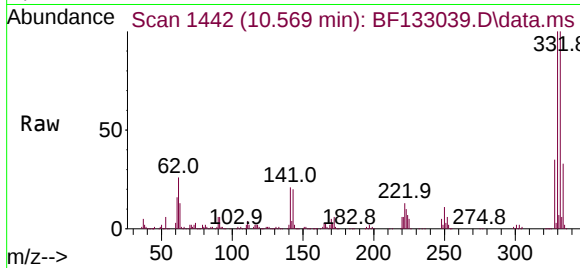




#42
2,4,6-Tribromophenol
Concen: 140.788 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

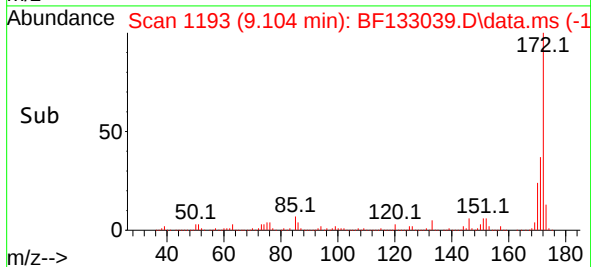
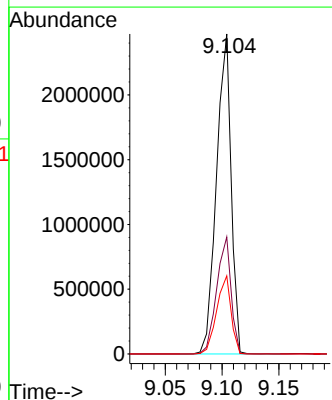
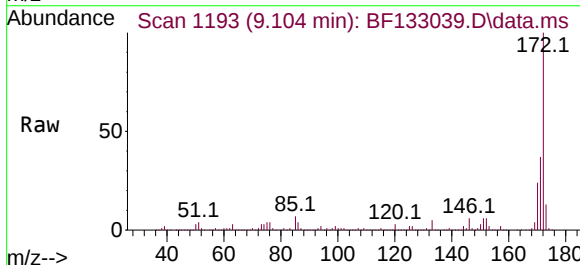
Instrument :
BNA_F
ClientSampleId :
EB-1

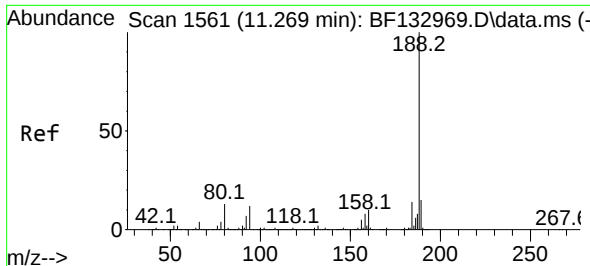
Tgt Ion:330 Resp: 580864
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 28.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 90.422 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

Tgt Ion:172 Resp: 2217274
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.4 19.4 29.2

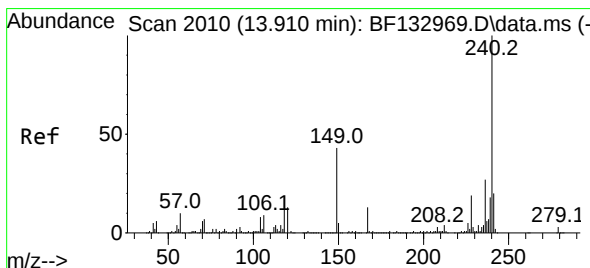
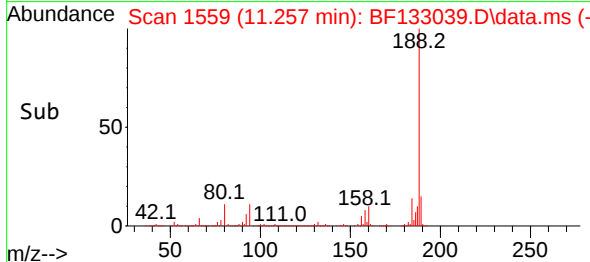
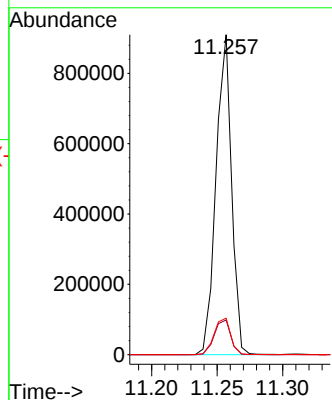
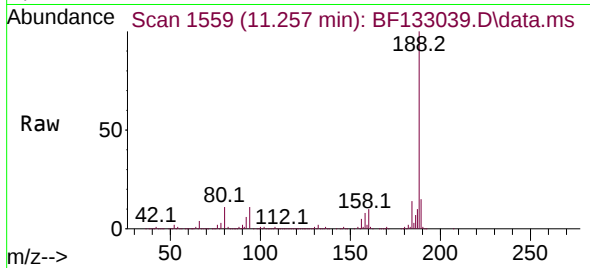




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

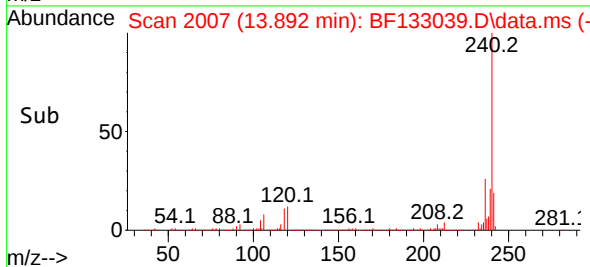
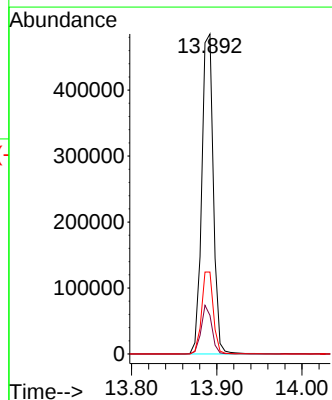
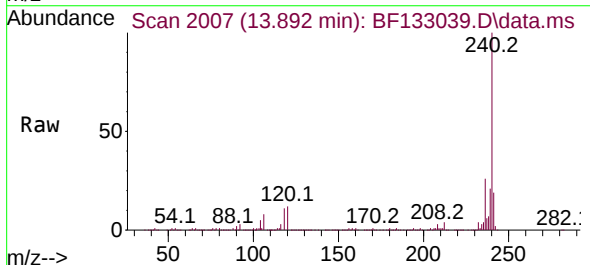
Instrument :
BNA_F
ClientSampleId :
EB-1

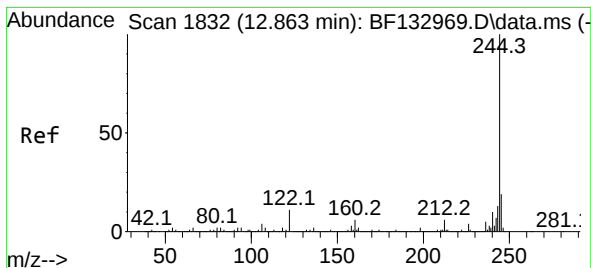
Tgt Ion:188 Resp: 749038
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.4 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

Tgt Ion:240 Resp: 457652
Ion Ratio Lower Upper
240 100
120 12.1 10.5 15.7
236 25.6 21.5 32.3





#79

Terphenyl-d14

Concen: 98.708 ng

RT: 12.851 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF133039.D

Acq: 25 Apr 2023 21:28

Instrument :

BNA_F

ClientSampleId :

EB-1

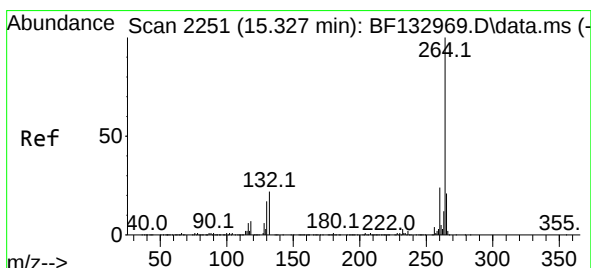
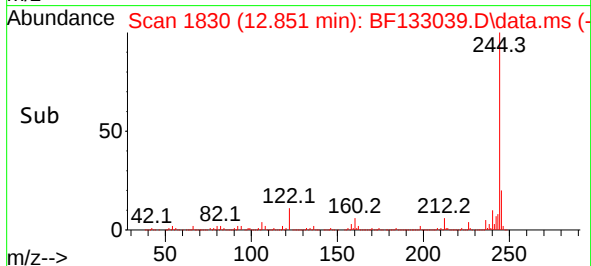
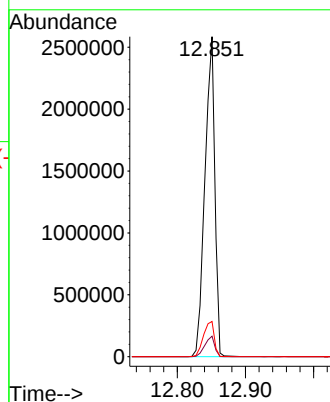
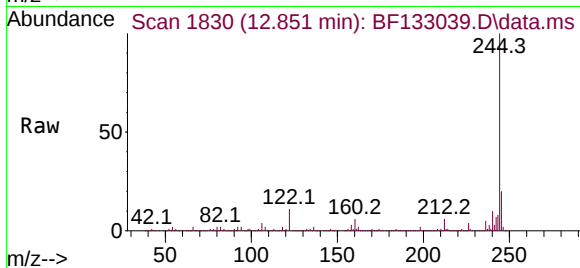
Tgt Ion:244 Resp: 2619286

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 11.0 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 2248

Delta R.T. -0.006 min

Lab File: BF133039.D

Acq: 25 Apr 2023 21:28

Tgt Ion:264 Resp: 382948

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 22.4 17.0 25.4

