

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133004.D
 Acq On : 24 Apr 2023 19:52
 Operator : CG\JU
 Sample : 02469-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-24RE

Quant Time: Apr 25 02:11:11 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	198041	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	796357	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	412358	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	769094	20.000	ng	0.00
76) Chrysene-d12	13.898	240	564101	20.000	ng	-0.01
86) Perylene-d12	15.321	264	463675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	431962	32.949	ng	0.00
7) Phenol-d6	6.375	99	325228	19.987	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1004472	68.083	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	287561	69.341	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	1675684	67.985	ng	0.00
79) Terphenyl-d14	12.857	244	2030400	62.077	ng	0.00

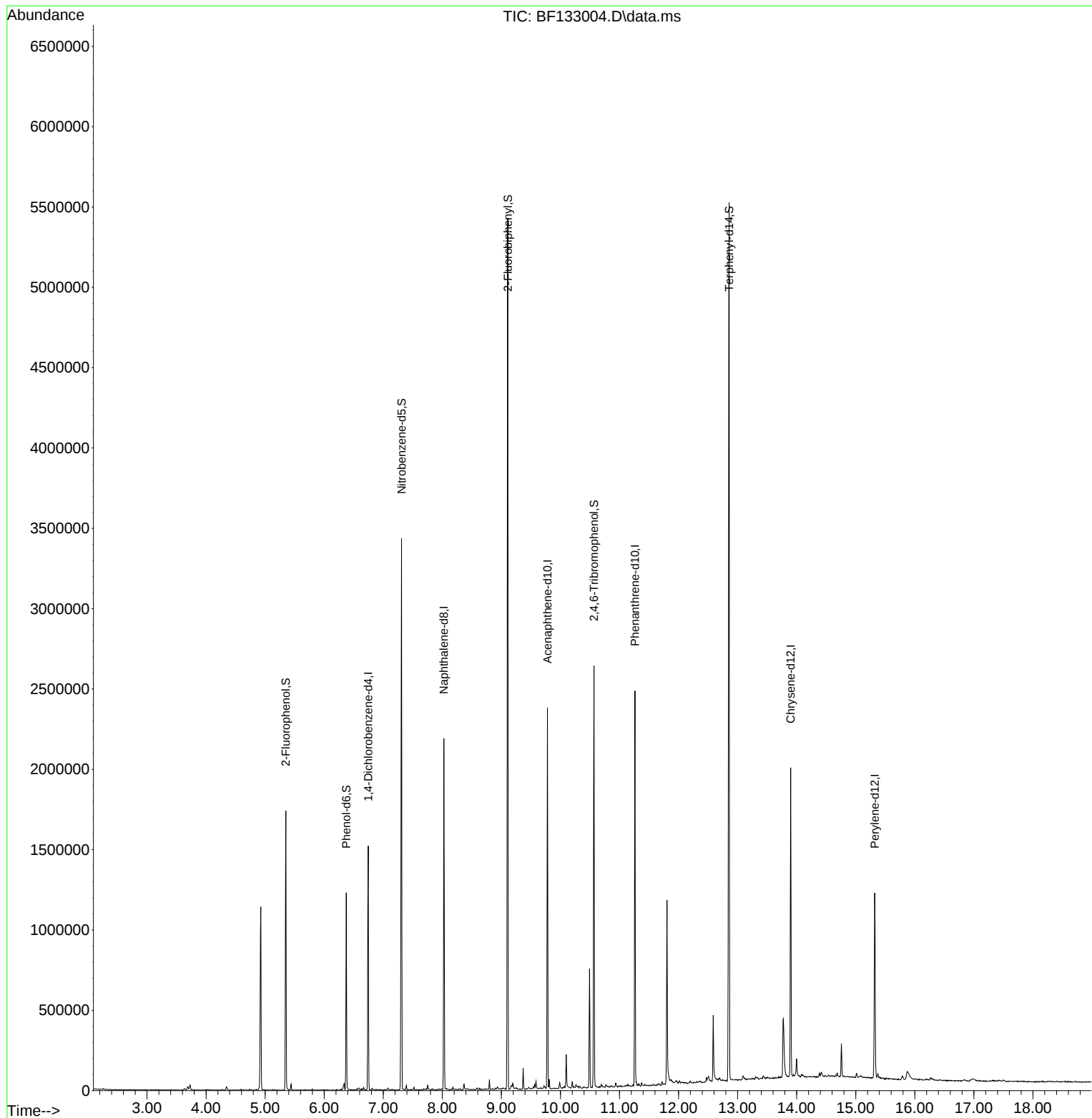
Target Compounds	Qvalue

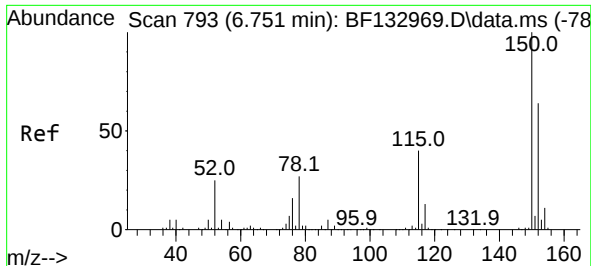
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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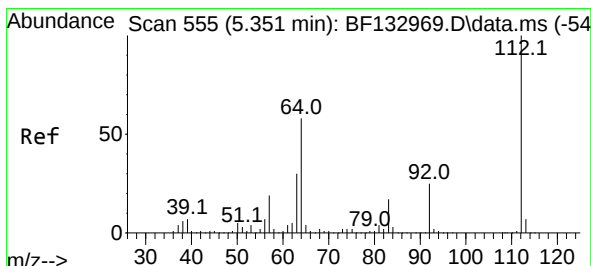
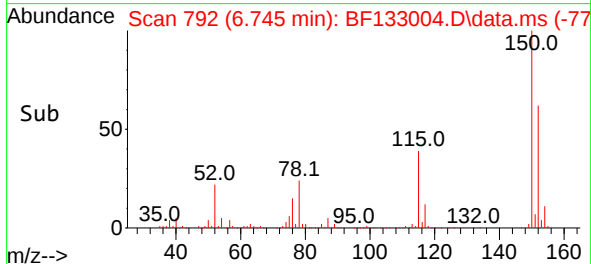
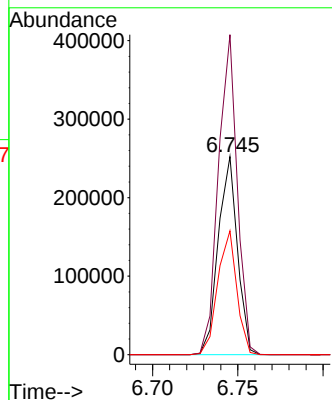
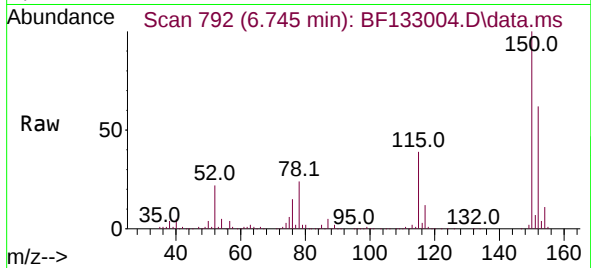




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

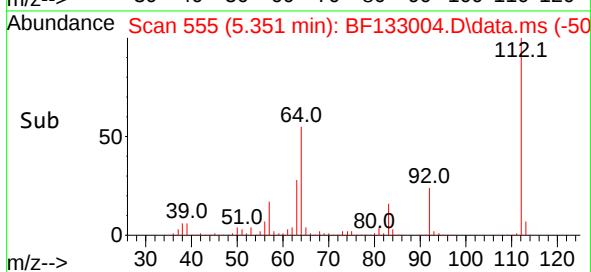
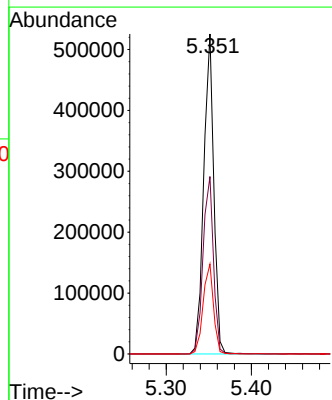
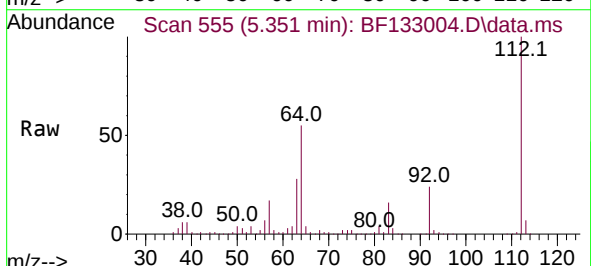
Instrument :
BNA_F
ClientSampleId :
TWP-24RE

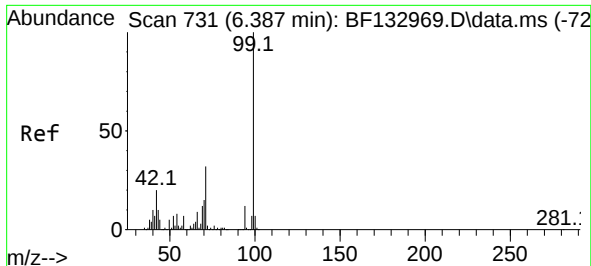
Tgt Ion:152 Resp: 198041
Ion Ratio Lower Upper
152 100
150 161.5 124.8 187.2
115 62.5 49.9 74.9



#5
2-Fluorophenol
Concen: 32.949 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Tgt Ion:112 Resp: 431962
Ion Ratio Lower Upper
112 100
64 55.5 46.8 70.2
63 28.1 23.8 35.8





#7
Phenol-d6
Concen: 19.987 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

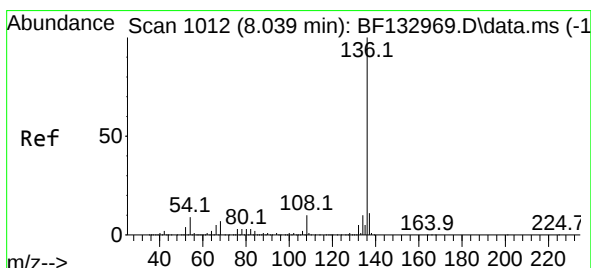
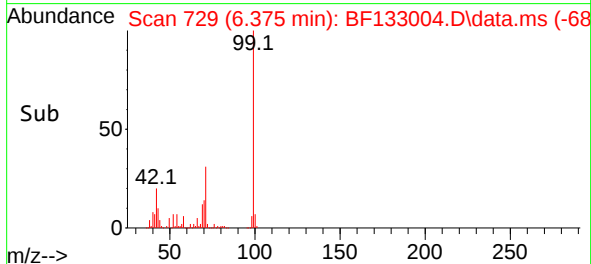
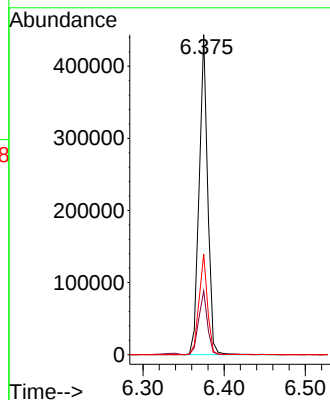
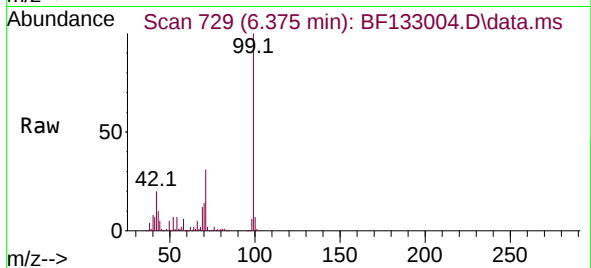
Instrument :

BNA_F

ClientSampleId :

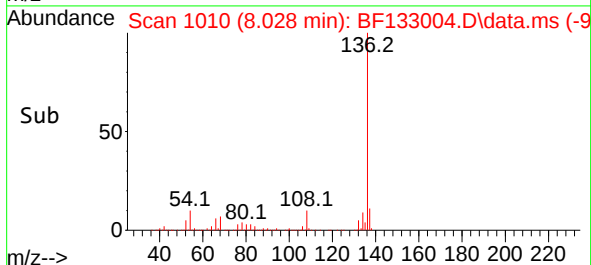
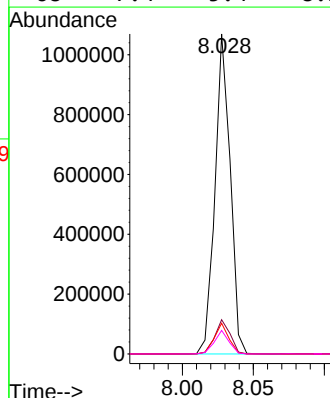
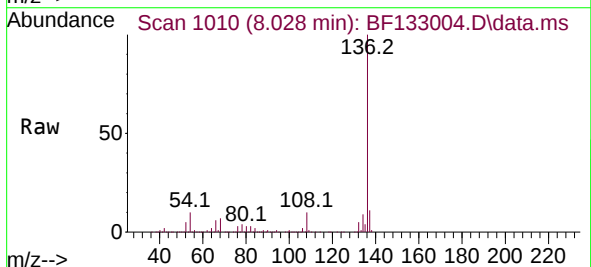
TWP-24RE

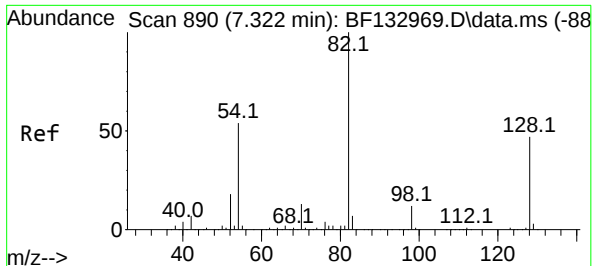
Tgt Ion: 99 Resp: 325228
Ion Ratio Lower Upper
99 100
42 19.9 16.3 24.5
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Tgt Ion: 136 Resp: 796357
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.6 7.0 10.4
68 7.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 68.083 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133004.D

Acq: 24 Apr 2023 19:52

Instrument :

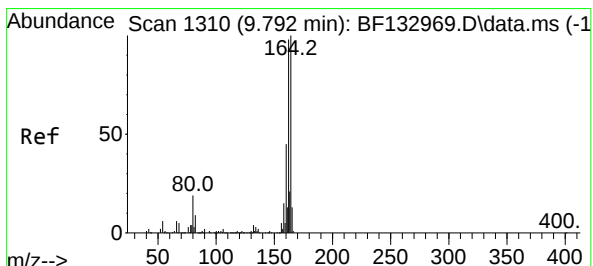
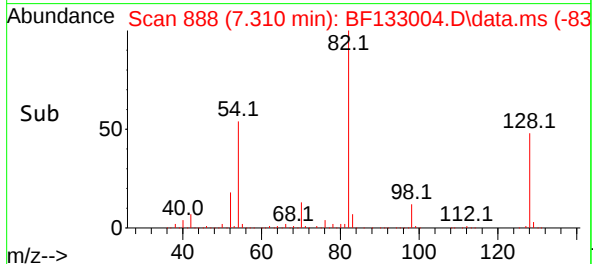
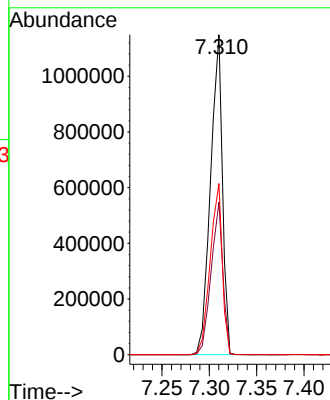
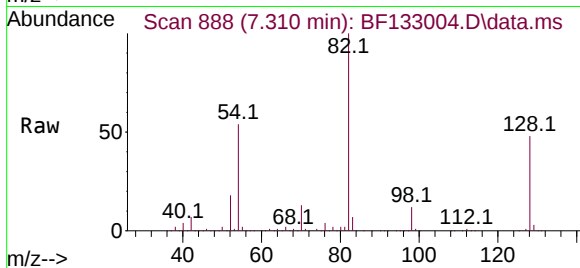
BNA_F

ClientSampleId :

TWP-24RE

Tgt Ion: 82 Resp: 1004472

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.7	56.5
54	53.5	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1308

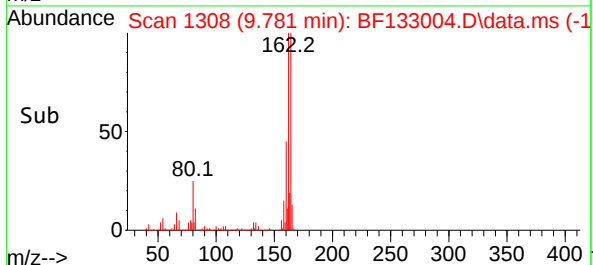
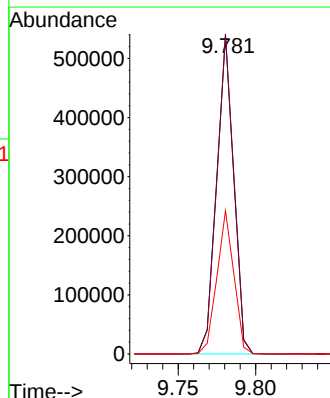
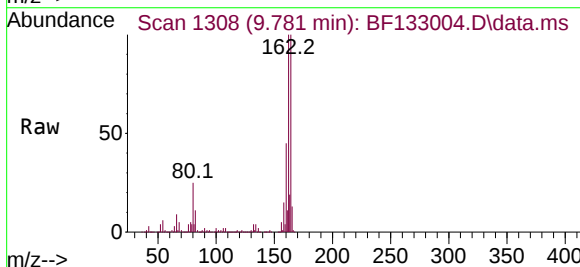
Delta R.T. -0.012 min

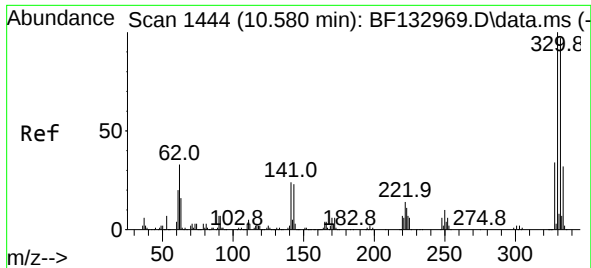
Lab File: BF133004.D

Acq: 24 Apr 2023 19:52

Tgt Ion: 164 Resp: 412358

Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.7	118.1
160	44.9	35.8	53.6



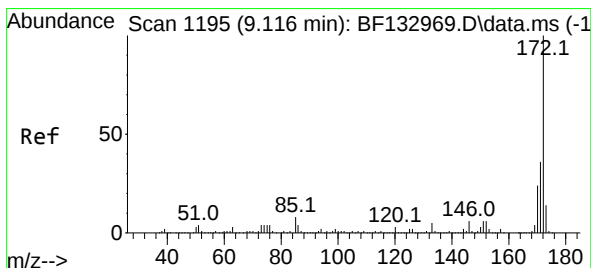
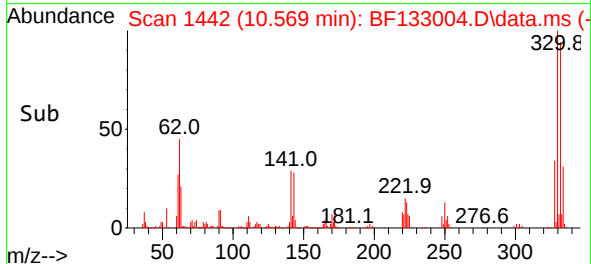
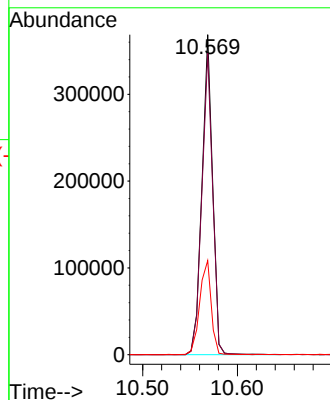
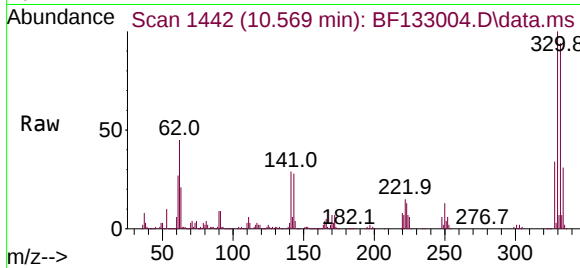


#42
 2,4,6-Tribromophenol
 Concen: 69.341 ng
 RT: 10.569 min Scan# 1444
 Delta R.T. -0.012 min
 Lab File: BF133004.D
 Acq: 24 Apr 2023 19:52

Instrument :
 BNA_F
 ClientSampleId :
 TWP-24RE

Tgt Ion:330 Resp: 287561

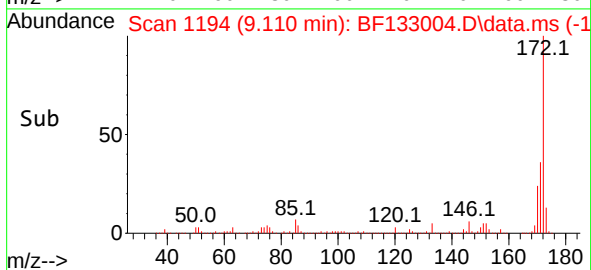
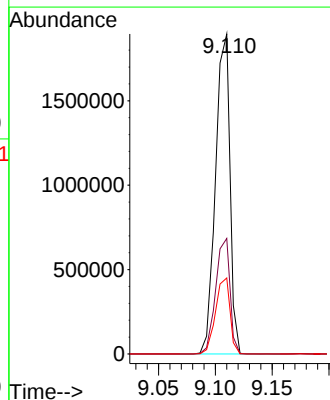
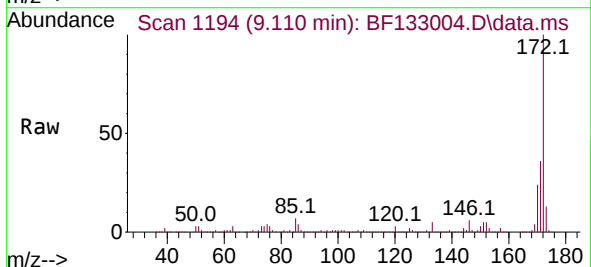
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	31.9	25.8	38.8

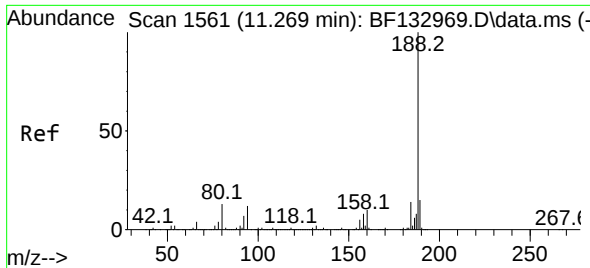


#45
 2-Fluorobiphenyl
 Concen: 67.985 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BF133004.D
 Acq: 24 Apr 2023 19:52

Tgt Ion:172 Resp: 1675684

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.8	19.4	29.2

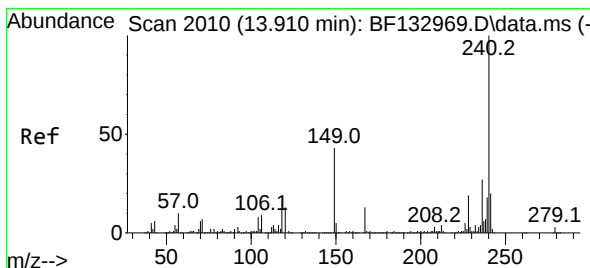
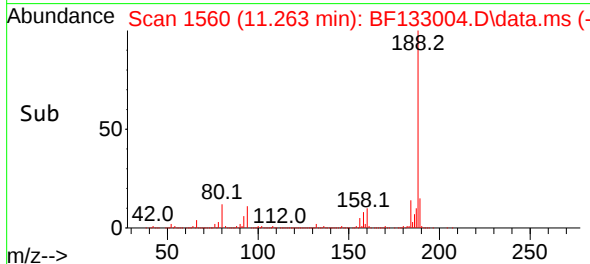
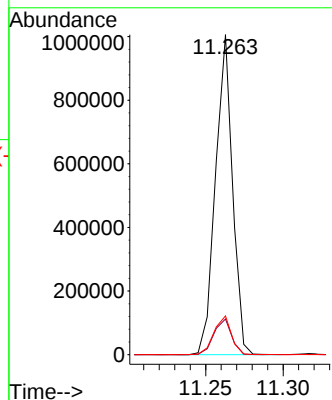
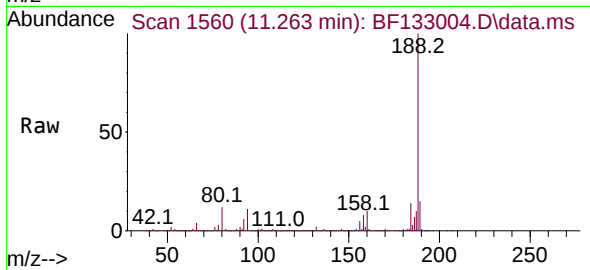




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

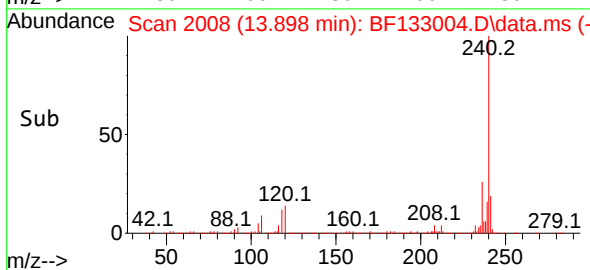
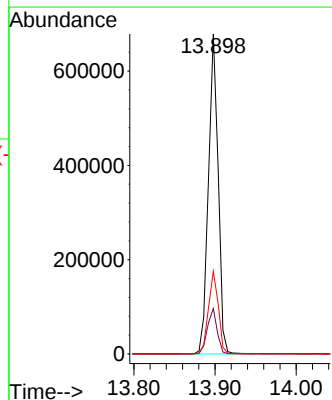
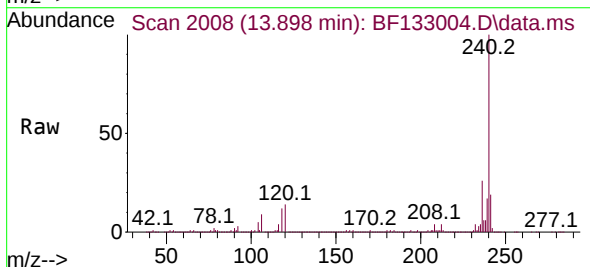
Instrument :
BNA_F
ClientSampleId :
TWP-24RE

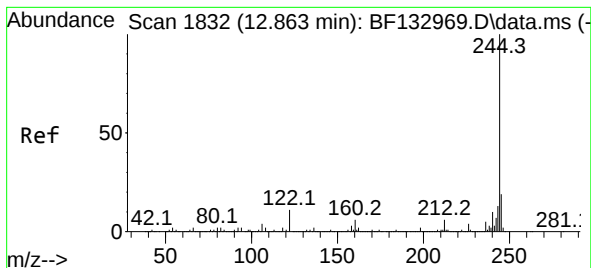
Tgt Ion:188 Resp: 769094
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 12.1 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF133004.D
Acq: 24 Apr 2023 19:52

Tgt Ion:240 Resp: 564101
Ion Ratio Lower Upper
240 100
120 14.2 10.5 15.7
236 25.8 21.5 32.3





#79

Terphenyl-d14

Concen: 62.077 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF133004.D

Acq: 24 Apr 2023 19:52

Instrument :

BNA_F

ClientSampleId :

TWP-24RE

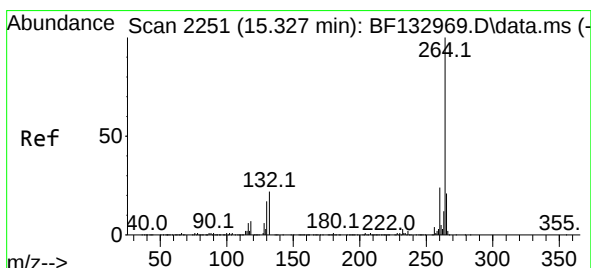
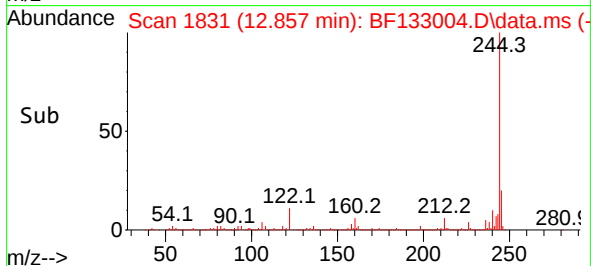
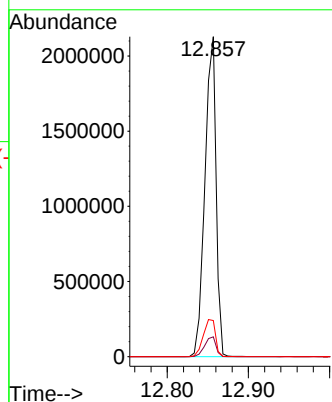
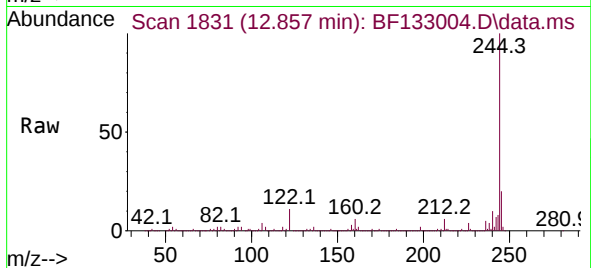
Tgt Ion:244 Resp: 2030400

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 11.3 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: BF133004.D

Acq: 24 Apr 2023 19:52

Tgt Ion:264 Resp: 463675

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.3 17.0 25.4

