

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133062.D
 Acq On : 26 Apr 2023 13:09
 Operator : CG\JU
 Sample : 02427-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230352-COMP-30

Quant Time: Apr 27 01:54:17 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	186276	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	769019	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	409734	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	754456	20.000	ng	0.00
76) Chrysene-d12	13.886	240	401085	20.000	ng	-0.01
86) Perylene-d12	15.310	264	374712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1060177	85.975	ng	0.00
7) Phenol-d6	6.375	99	1309086	85.530	ng	-0.01
23) Nitrobenzene-d5	7.298	82	750230	52.658	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	344983	83.720	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1332774	54.419	ng	-0.01
79) Terphenyl-d14	12.845	244	1480813	63.675	ng	0.00

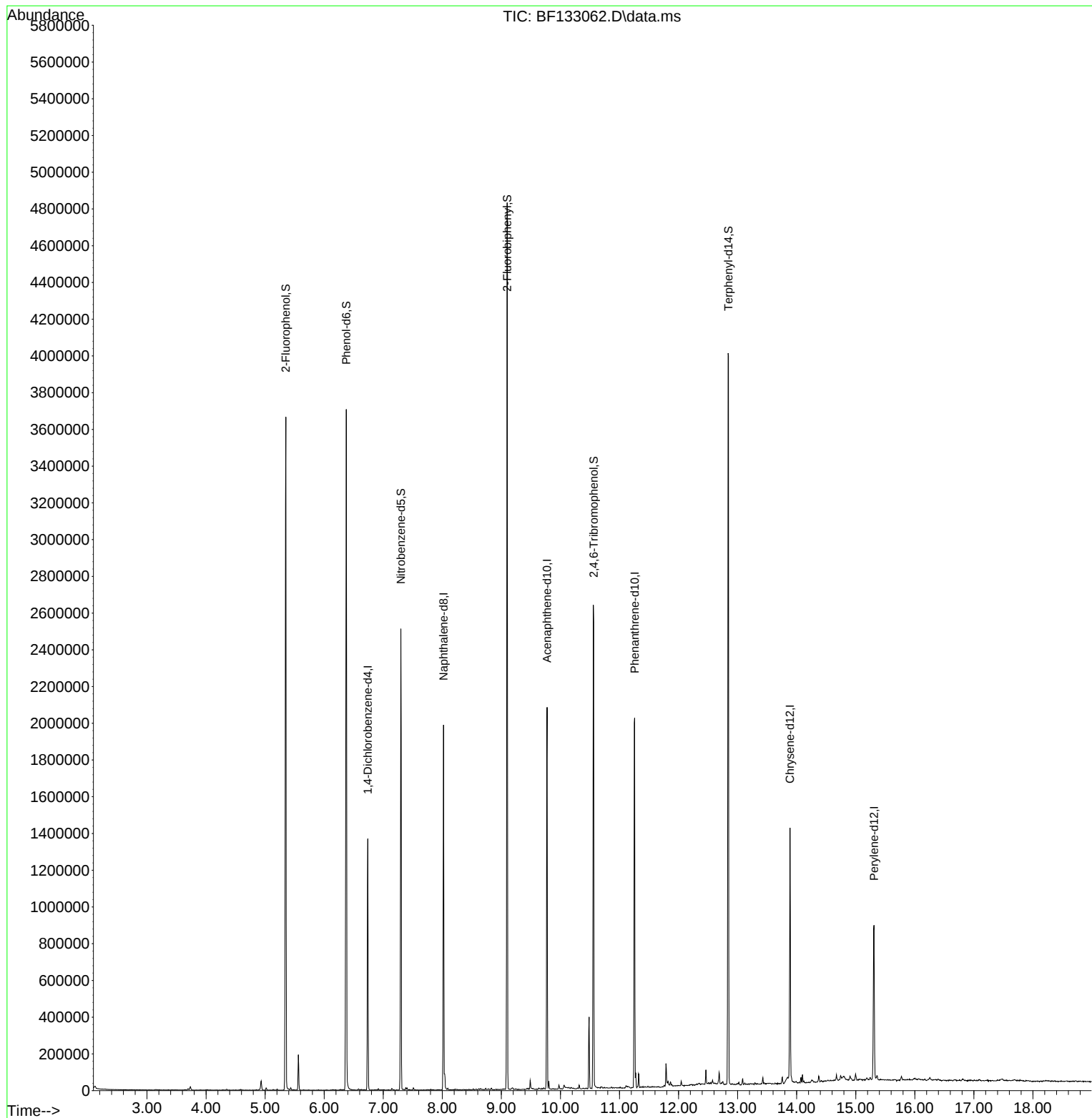
Target Compounds	Qvalue

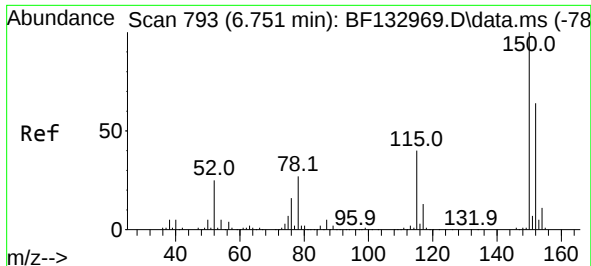
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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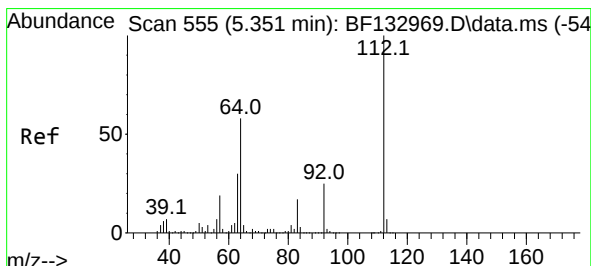
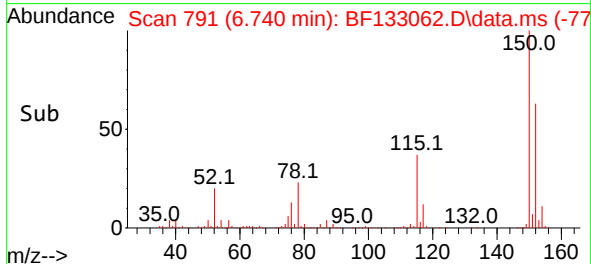
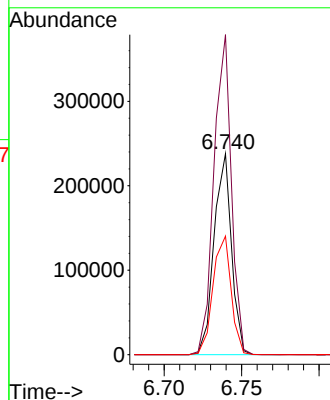
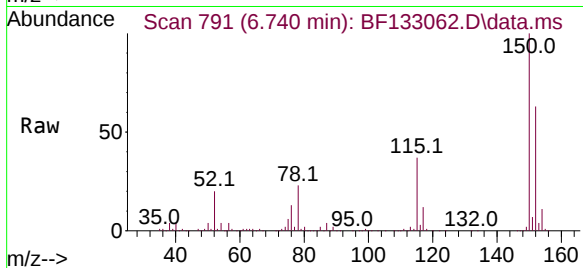




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

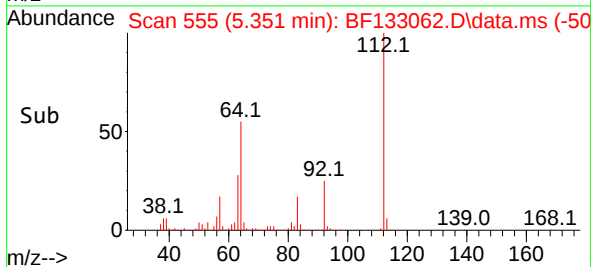
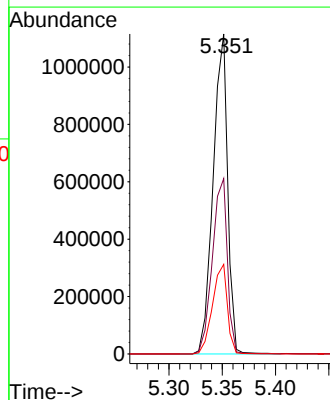
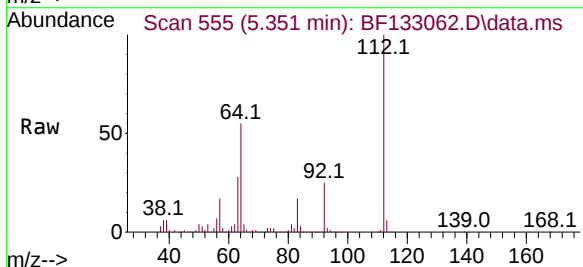
Instrument :
BNA_F
ClientSampleId :
20230352-COMP-30

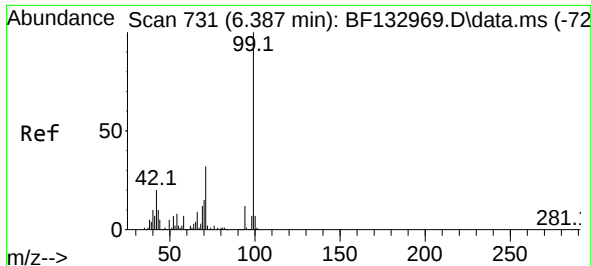
Tgt Ion:152 Resp: 186276
Ion Ratio Lower Upper
152 100
150 159.2 124.8 187.2
115 59.0 49.9 74.9



#5
2-Fluorophenol
Concen: 85.975 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

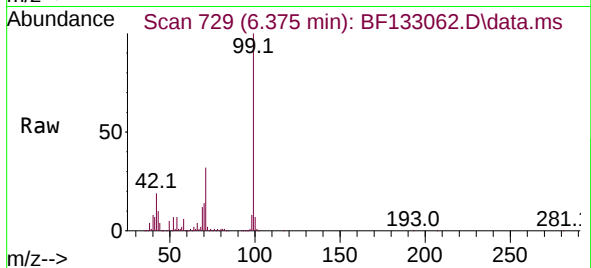
Tgt Ion:112 Resp: 1060177
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 28.0 23.8 35.8



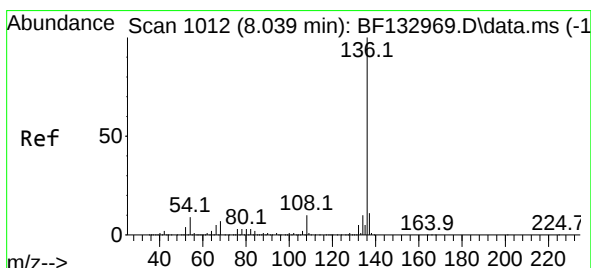
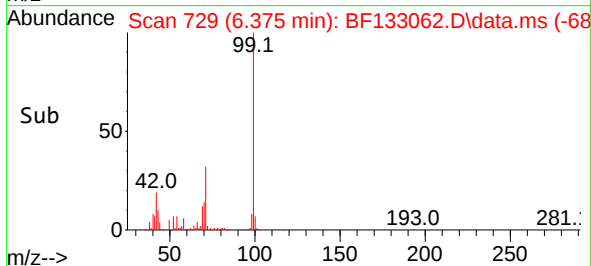
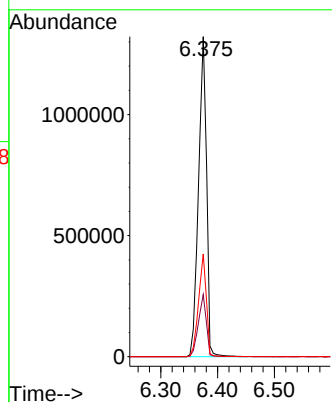


#7
Phenol-d6
Concen: 85.530 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Instrument :
BNA_F
ClientSampleId :
20230352-COMP-30

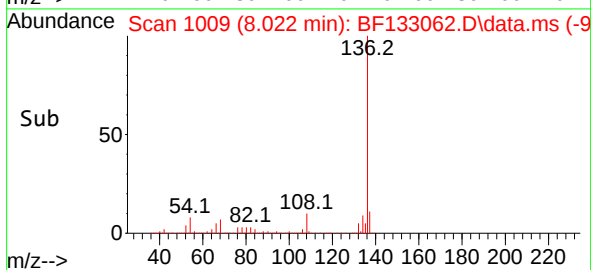
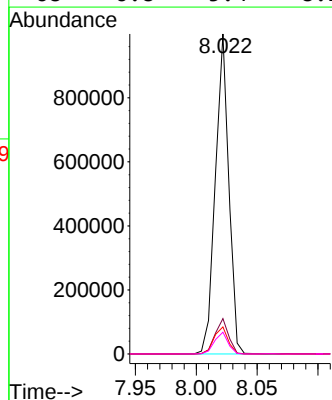
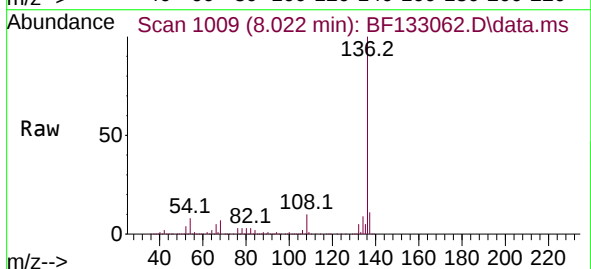


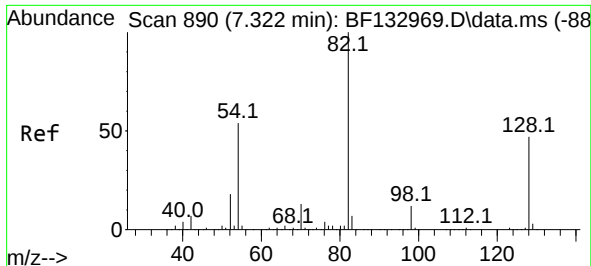
Tgt Ion: 99 Resp: 1309086
Ion Ratio Lower Upper
99 100
42 19.4 16.3 24.5
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Tgt Ion: 136 Resp: 769019
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.0 10.4
68 6.8 5.4 8.2

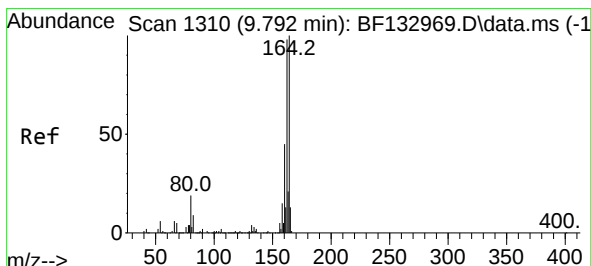
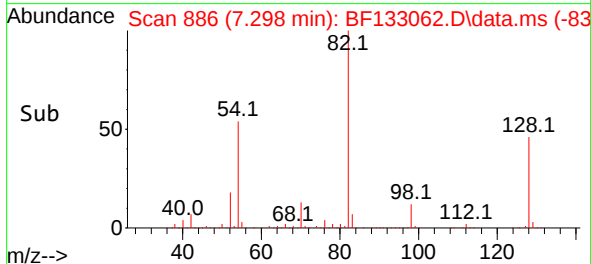
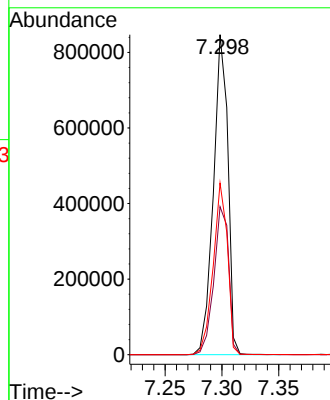
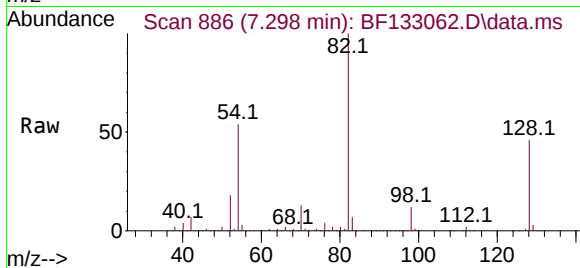




#23
Nitrobenzene-d5
Concen: 52.658 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

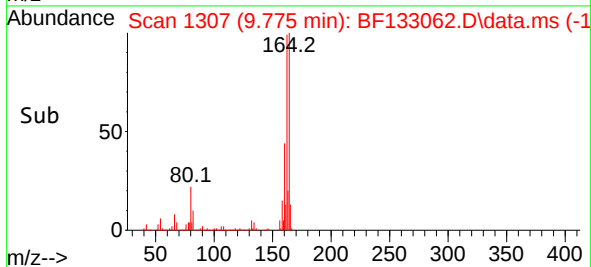
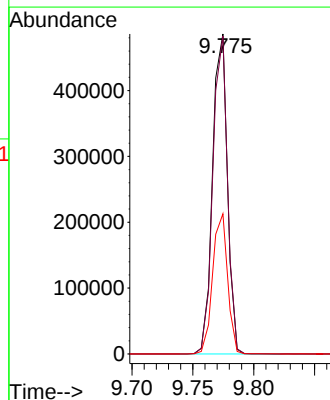
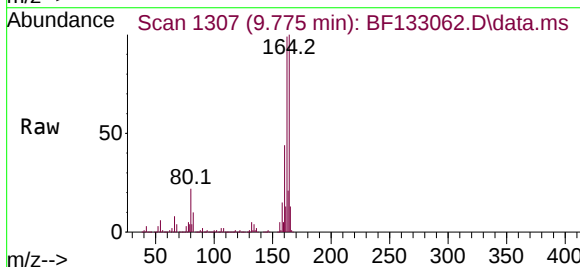
Instrument :
BNA_F
ClientSampleId :
20230352-COMP-30

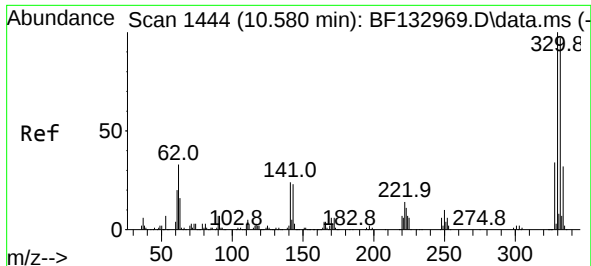
Tgt Ion: 82 Resp: 750230
Ion Ratio Lower Upper
82 100
128 46.2 37.7 56.5
54 53.7 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Tgt Ion:164 Resp: 409734
Ion Ratio Lower Upper
164 100
162 99.4 78.7 118.1
160 43.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 83.720 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133062.D

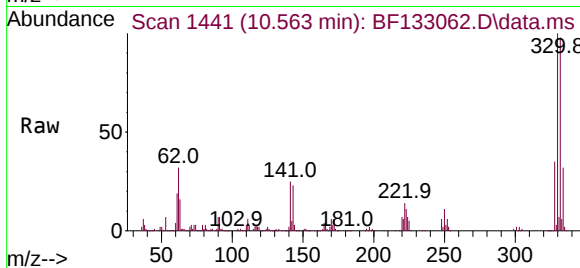
Acq: 26 Apr 2023 13:09

Instrument :

BNA_F

ClientSampleId :

20230352-COMP-30



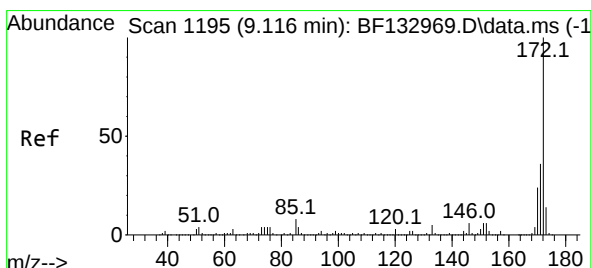
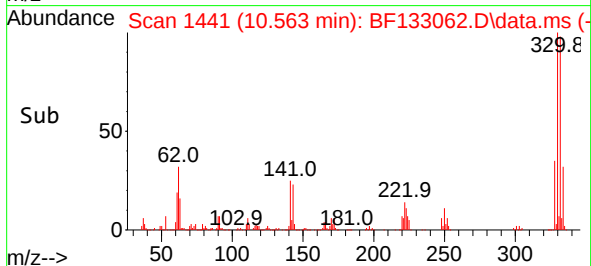
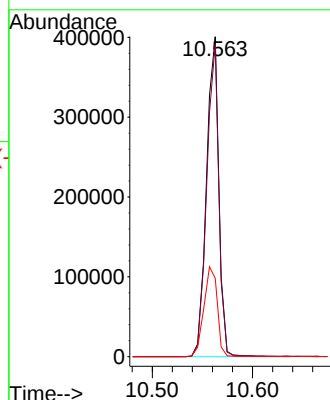
Tgt Ion:330 Resp: 344983

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 30.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 54.419 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133062.D

Acq: 26 Apr 2023 13:09

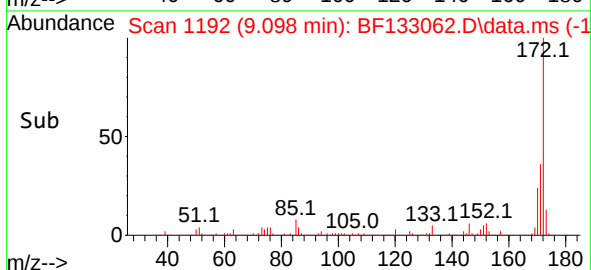
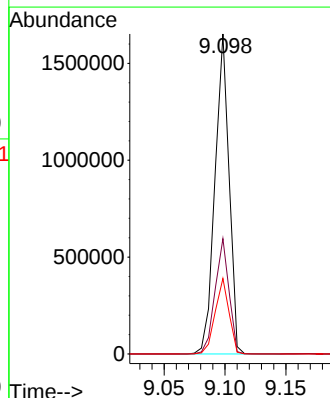
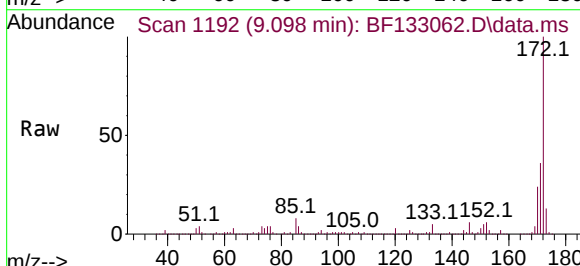
Tgt Ion:172 Resp: 1332774

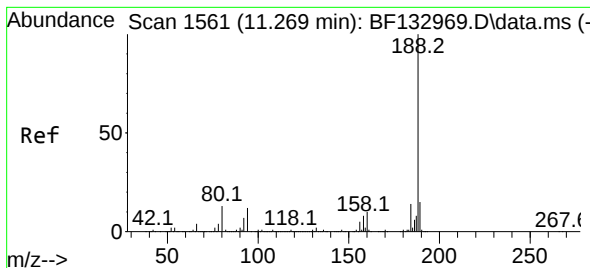
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

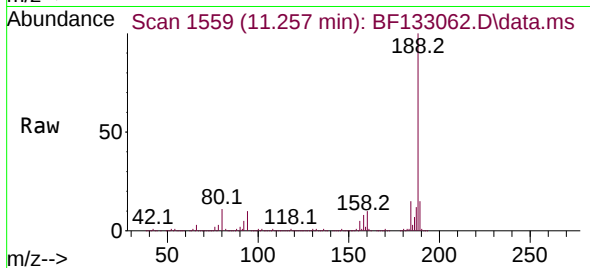
170 23.6 19.4 29.2



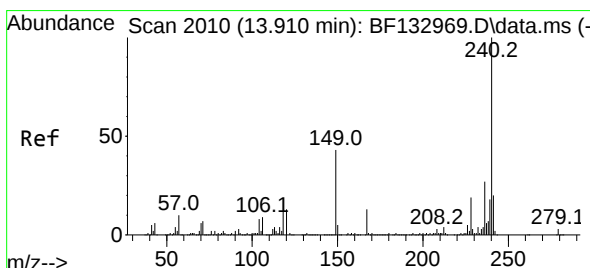
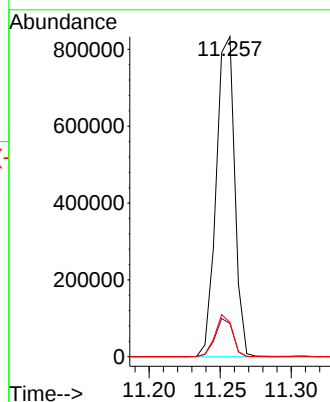
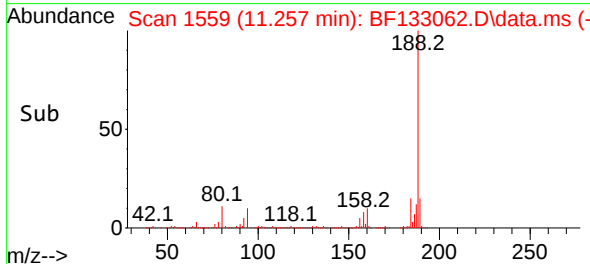


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Instrument :
BNA_F
ClientSampleId :
20230352-COMP-30

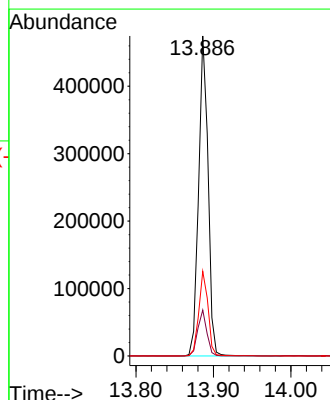
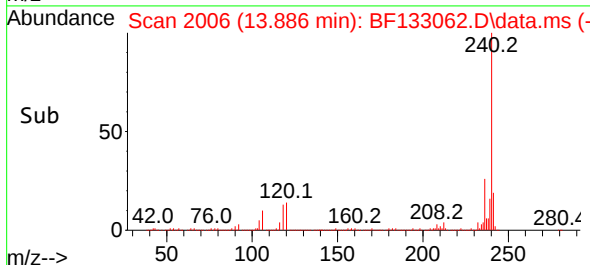
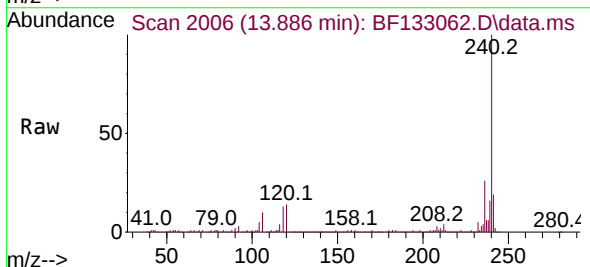


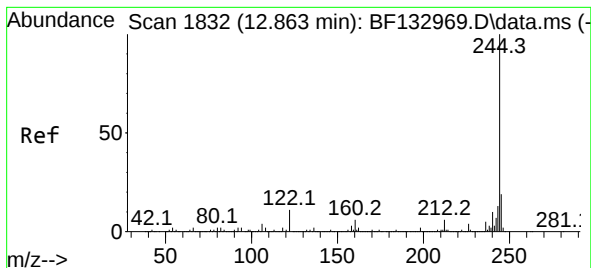
Tgt Ion:188 Resp: 754456
Ion Ratio Lower Upper
188 100
94 10.4 9.7 14.5
80 10.7 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Tgt Ion:240 Resp: 401085
Ion Ratio Lower Upper
240 100
120 14.4 10.5 15.7
236 26.5 21.5 32.3





#79

Terphenyl-d14

Concen: 63.675 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF133062.D

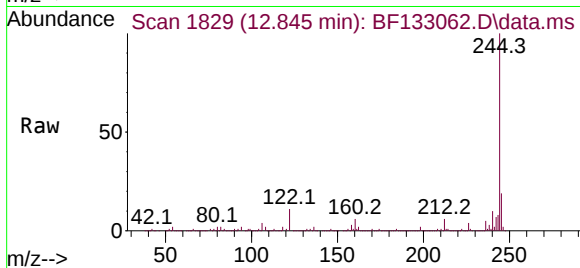
Acq: 26 Apr 2023 13:09

Instrument :

BNA_F

ClientSampleId :

20230352-COMP-30



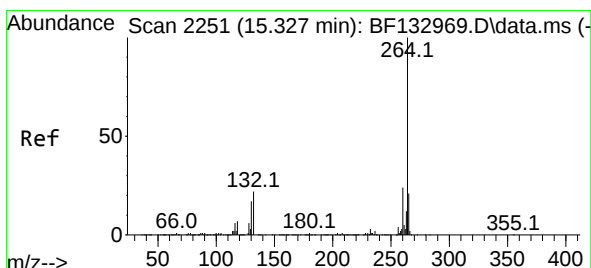
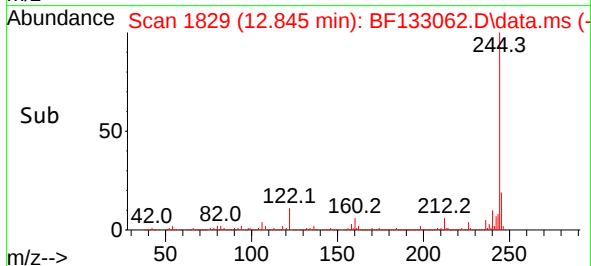
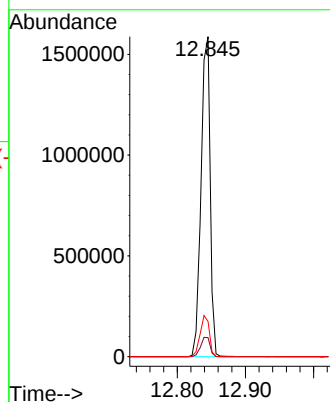
Tgt Ion:244 Resp: 1480813

Ion Ratio Lower Upper

244 100

212 6.0 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: BF133062.D

Acq: 26 Apr 2023 13:09

Tgt Ion:264 Resp: 374712

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.3 17.0 25.4

