

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133080.D
 Acq On : 26 Apr 2023 23:04
 Operator : CG\JU
 Sample : 02270-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-0-2-20230412

Quant Time: Apr 27 02:03:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	167035	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	668534	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	351321	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	633871	20.000	ng	0.00
76) Chrysene-d12	13.880	240	369430	20.000	ng	-0.01
86) Perylene-d12	15.304	264	367709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	888410	80.345	ng	0.00
7) Phenol-d6	6.369	99	1064484	77.560	ng	-0.01
23) Nitrobenzene-d5	7.298	82	660071	53.294	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	284323	80.472	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1236495	58.882	ng	0.00
79) Terphenyl-d14	12.839	244	1334260	62.289	ng	0.00

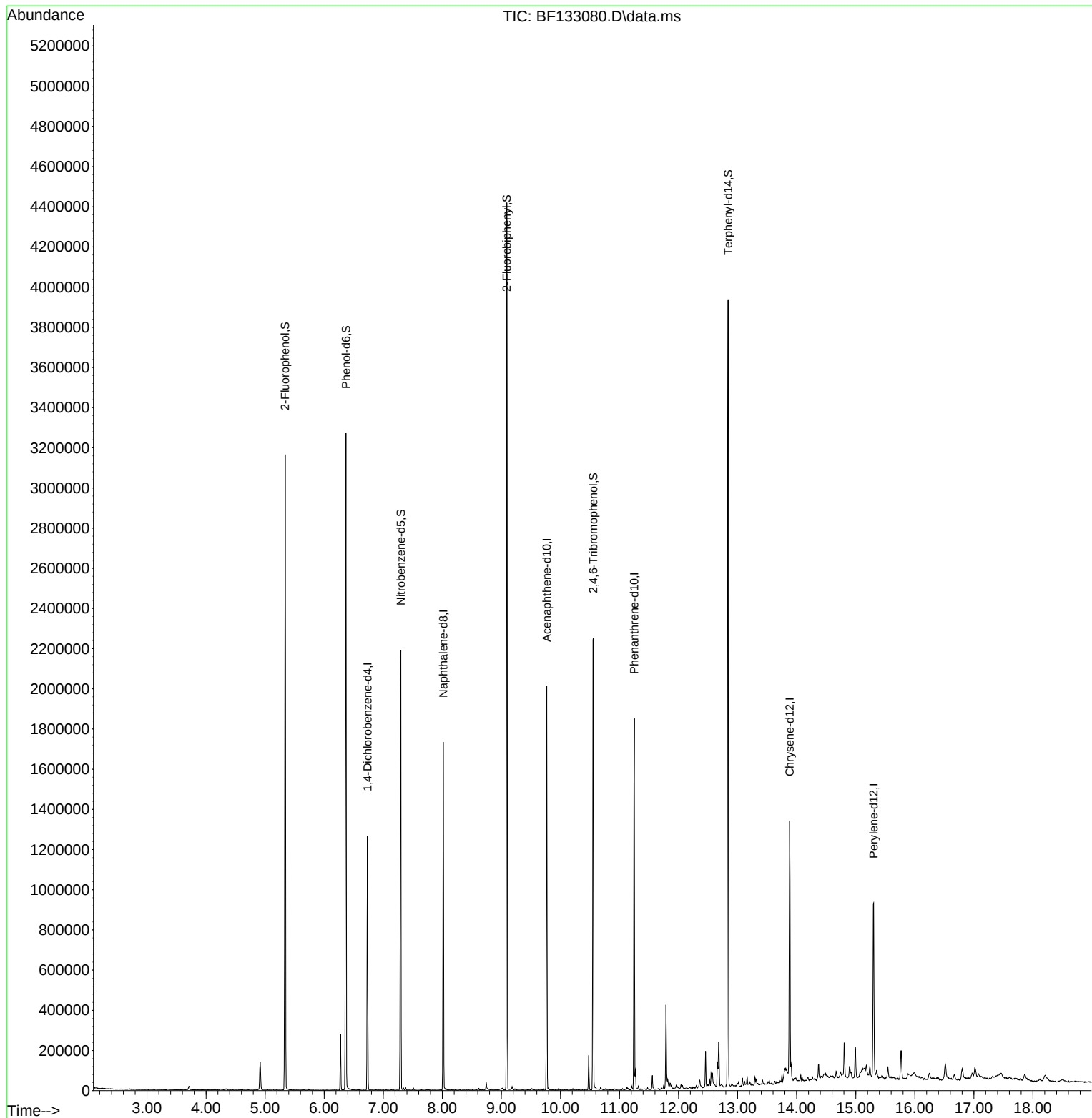
Target Compounds	Qvalue

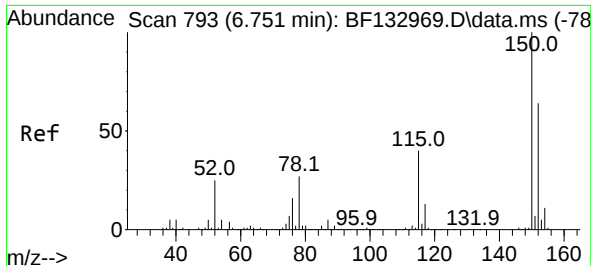
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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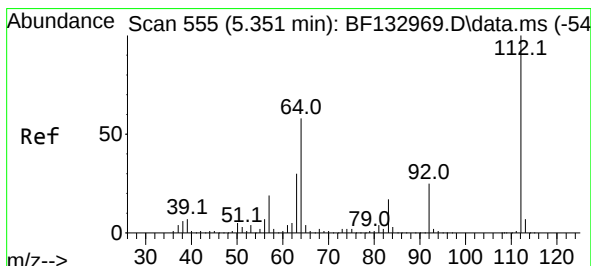
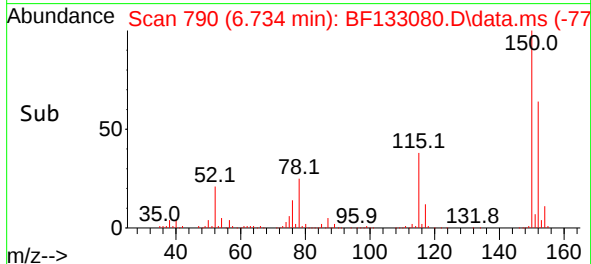
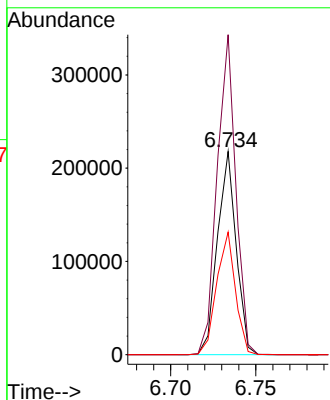
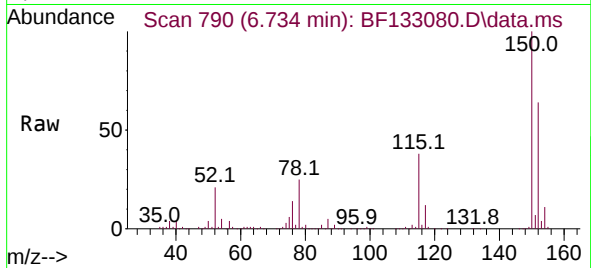




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

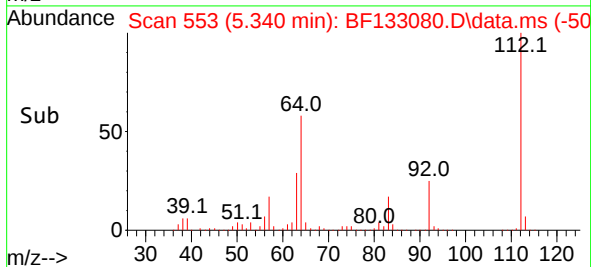
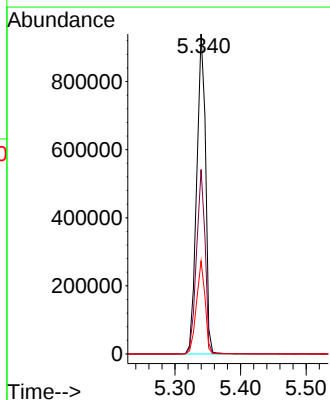
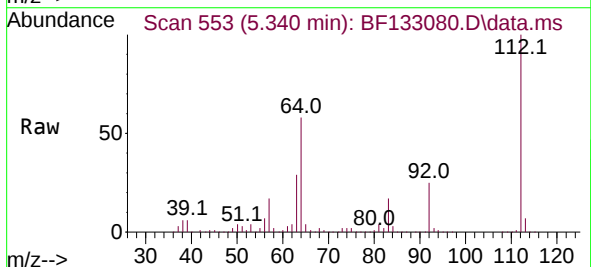
Instrument :
BNA_F
ClientSampleId :
SB-30-0-2-20230412

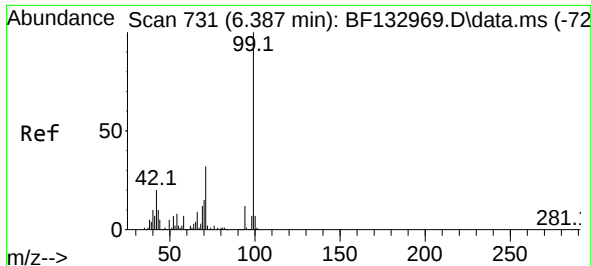
Tgt Ion:152 Resp: 167035
Ion Ratio Lower Upper
152 100
150 157.4 124.8 187.2
115 60.3 49.9 74.9



#5
2-Fluorophenol
Concen: 80.345 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion:112 Resp: 888410
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 29.0 23.8 35.8

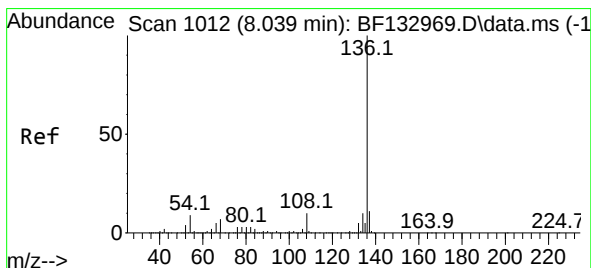
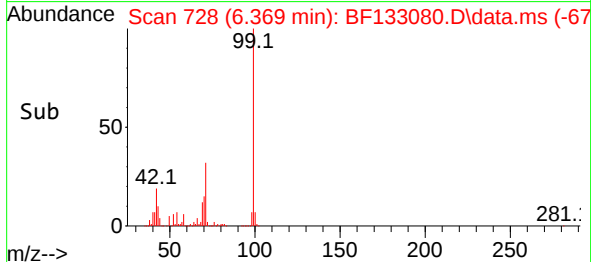
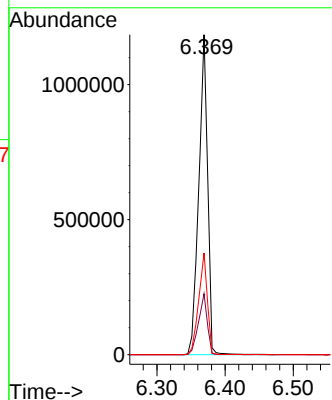
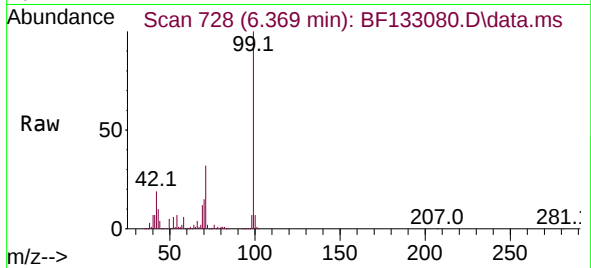




#7
Phenol-d6
Concen: 77.560 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

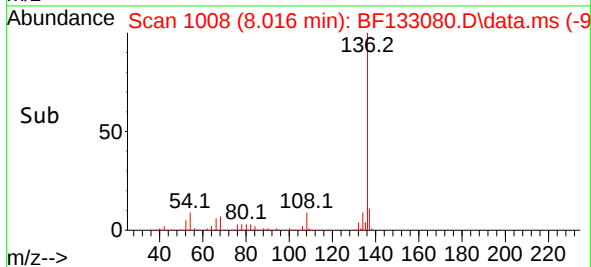
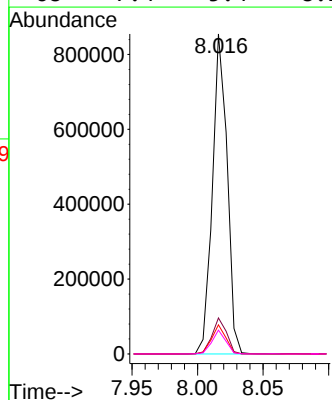
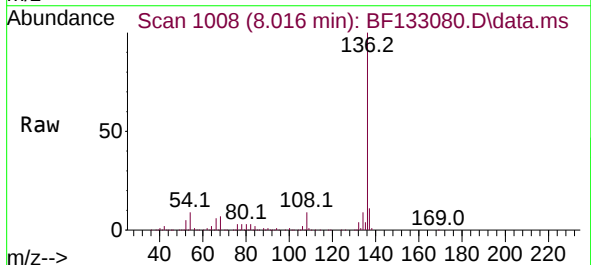
Instrument :
BNA_F
ClientSampleId :
SB-30-0-2-20230412

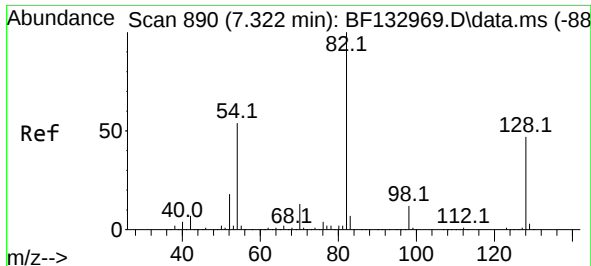
Tgt Ion: 99 Resp: 1064484
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion: 136 Resp: 668534
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.1 7.0 10.4
68 7.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 53.294 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133080.D

Acq: 26 Apr 2023 23:04

Instrument :

BNA_F

ClientSampleId :

SB-30-0-2-20230412

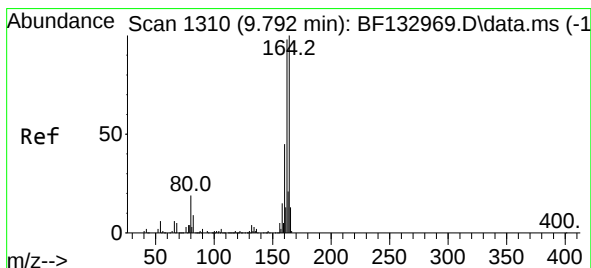
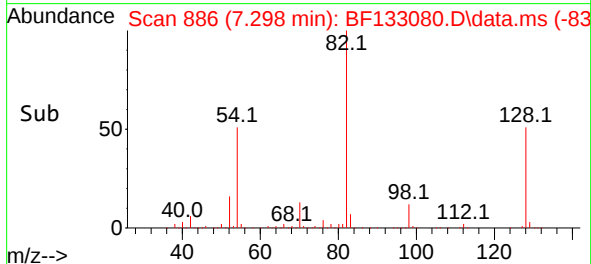
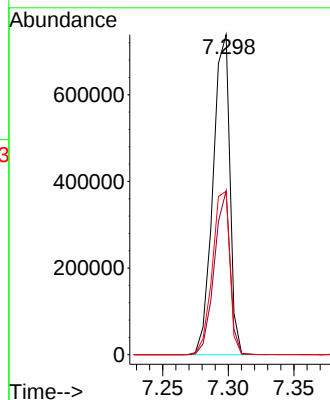
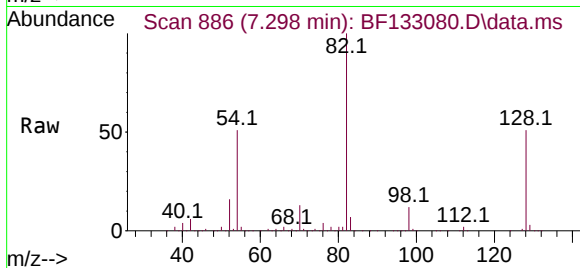
Tgt Ion: 82 Resp: 660071

Ion Ratio Lower Upper

82 100

128 51.2 37.7 56.5

54 51.1 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF133080.D

Acq: 26 Apr 2023 23:04

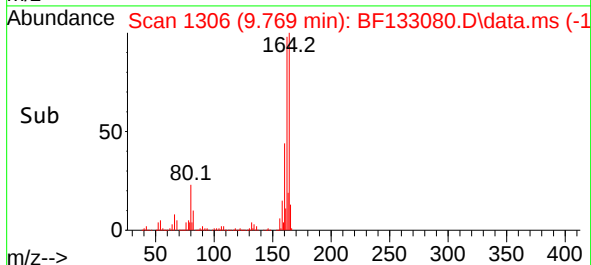
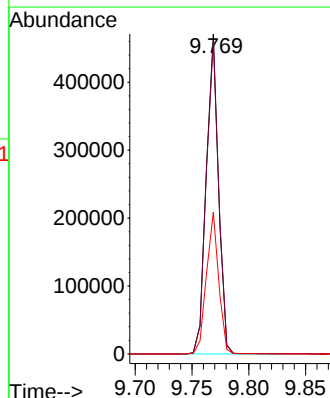
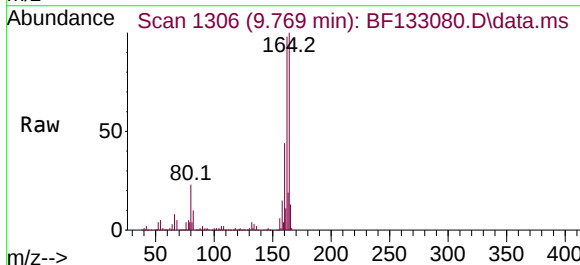
Tgt Ion:164 Resp: 351321

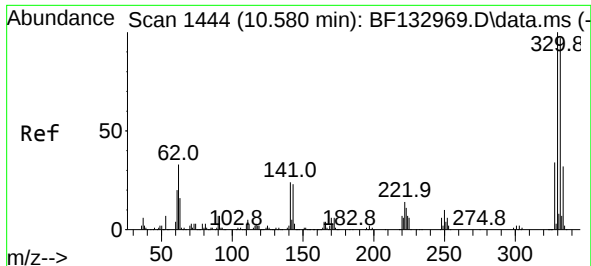
Ion Ratio Lower Upper

164 100

162 97.7 78.7 118.1

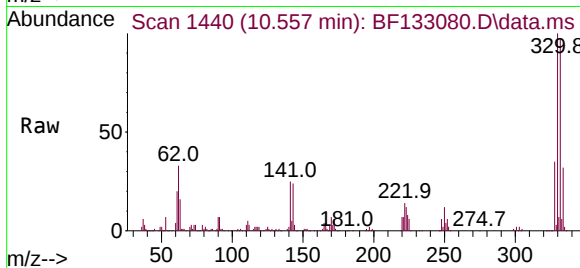
160 44.3 35.8 53.6



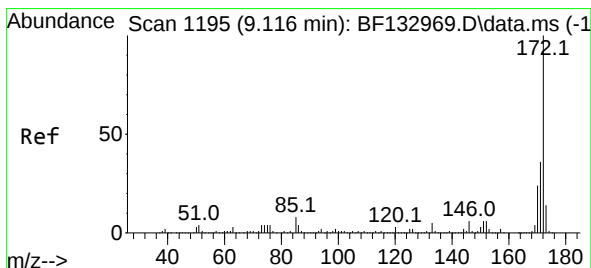
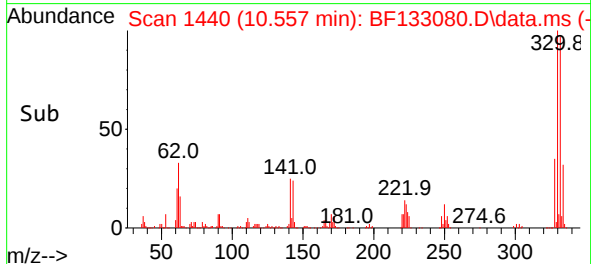
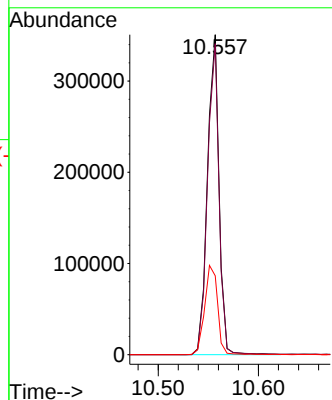


#42
2,4,6-Tribromophenol
Concen: 80.472 ng
RT: 10.557 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Instrument :
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SB-30-0-2-20230412

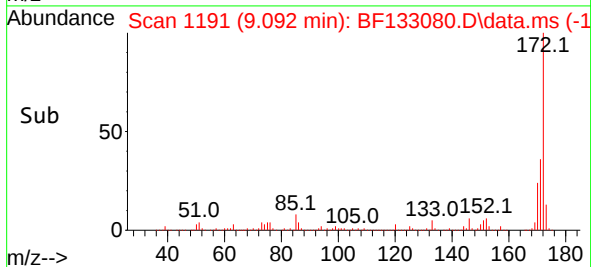
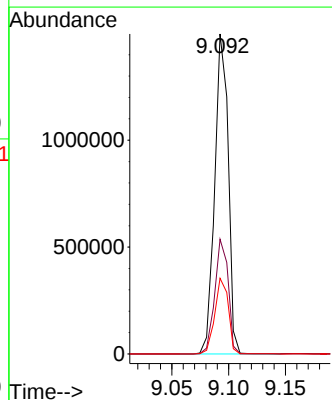
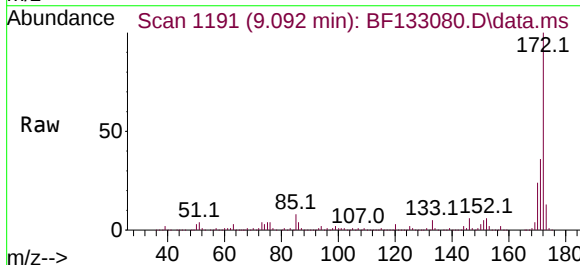


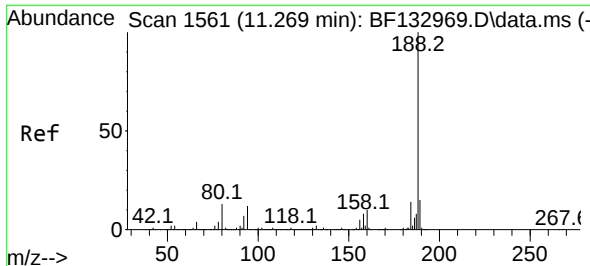
Tgt Ion:330 Resp: 284323
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 31.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 58.882 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion:172 Resp: 1236495
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.7 19.4 29.2

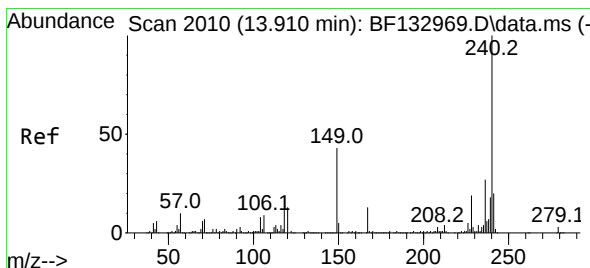
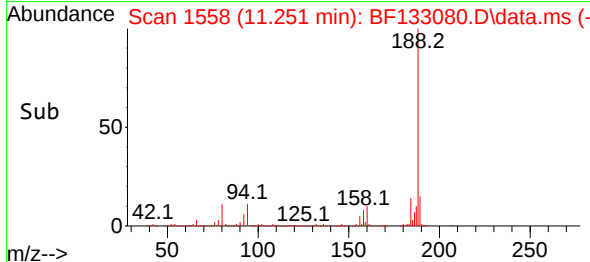
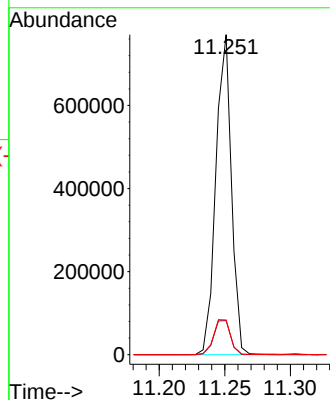
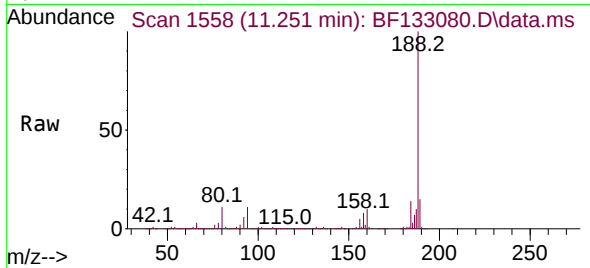




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

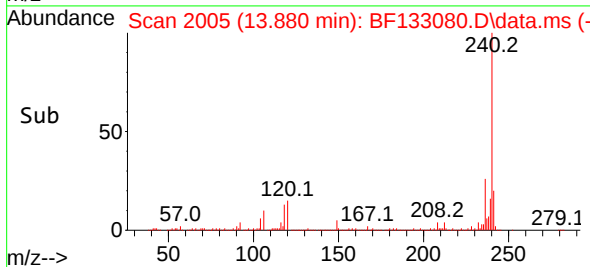
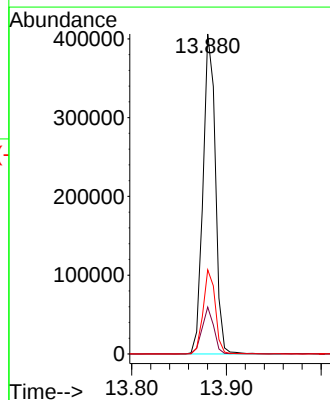
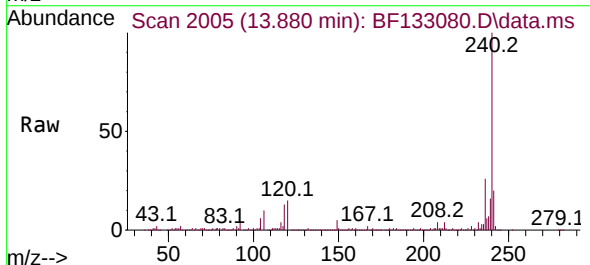
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ClientSampleId :
SB-30-0-2-20230412

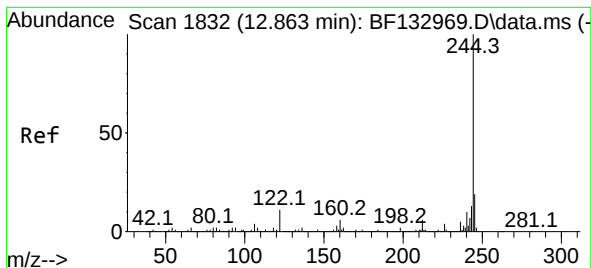
Tgt Ion:188 Resp: 633871
Ion Ratio Lower Upper
188 100
94 10.7 9.7 14.5
80 10.8 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion:240 Resp: 369430
Ion Ratio Lower Upper
240 100
120 14.6 10.5 15.7
236 26.3 21.5 32.3





#79

Terphenyl-d14

Concen: 62.289 ng

RT: 12.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133080.D

Acq: 26 Apr 2023 23:04

Instrument :

BNA_F

ClientSampleId :

SB-30-0-2-20230412

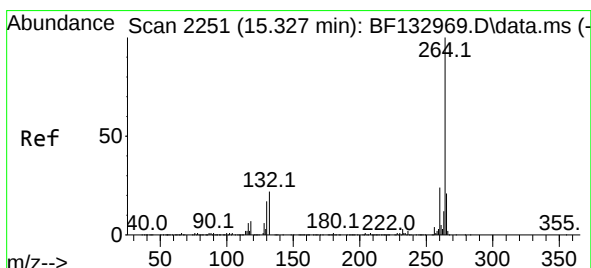
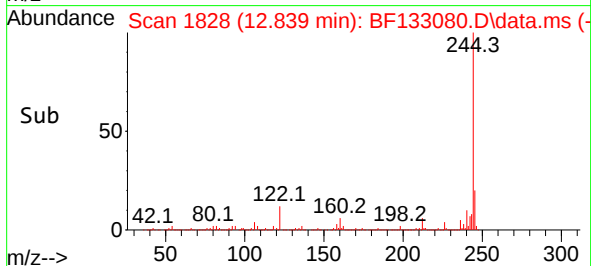
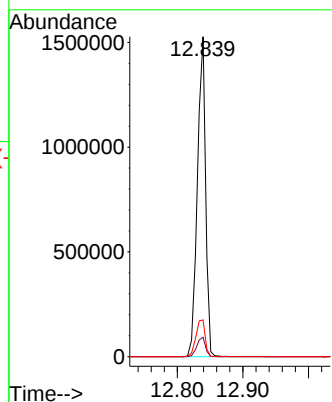
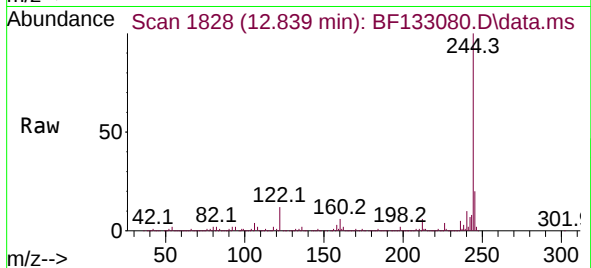
Tgt Ion:244 Resp: 1334260

Ion Ratio Lower Upper

244 100

212 6.1 5.1 7.7

122 11.5 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133080.D

Acq: 26 Apr 2023 23:04

Tgt Ion:264 Resp: 367709

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.4 17.0 25.4

