

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133078.D
 Acq On : 26 Apr 2023 22:04
 Operator : CG\JU
 Sample : 02448-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230346-COMP-24

Quant Time: Apr 27 02:03:09 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	6.733	152	173736	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	713183	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	370530	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	676675	20.000	ng	0.00
76) Chrysene-d12	13.880	240	417487	20.000	ng	-0.01
86) Perylene-d12	15.304	264	387989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1439678	125.178	ng	0.00
7) Phenol-d6	6.375	99	1701726	119.209	ng	0.00
23) Nitrobenzene-d5	7.298	82	1001791	75.820	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	448891	120.463	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1667149	75.274	ng	0.00
79) Terphenyl-d14	12.839	244	1900441	78.509	ng	0.00

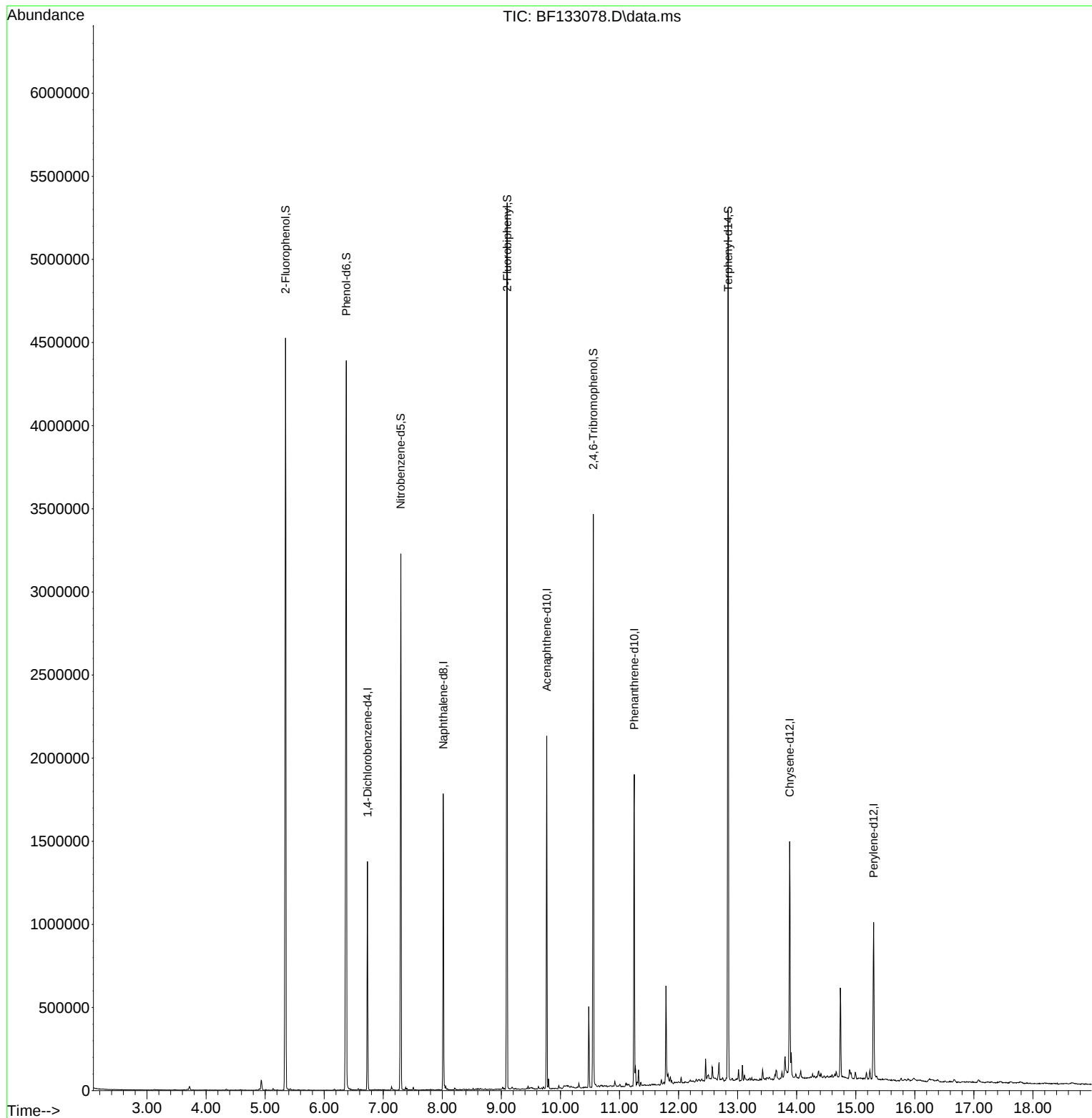
Target Compounds	Qvalue

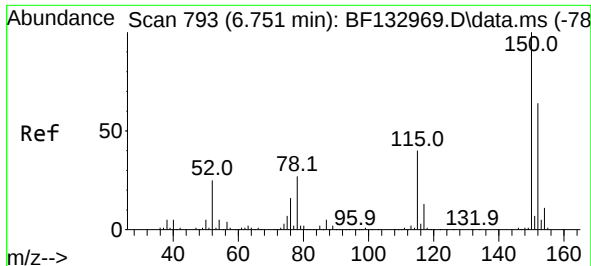
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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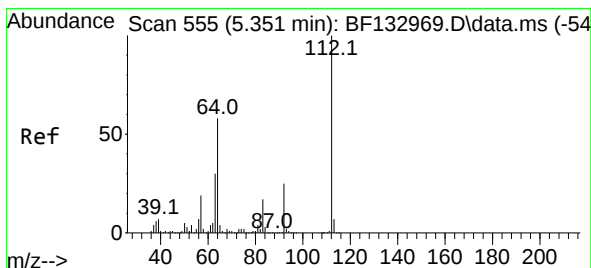
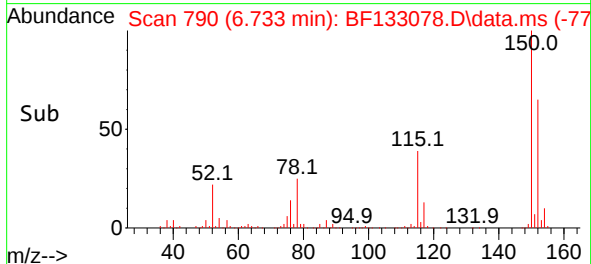
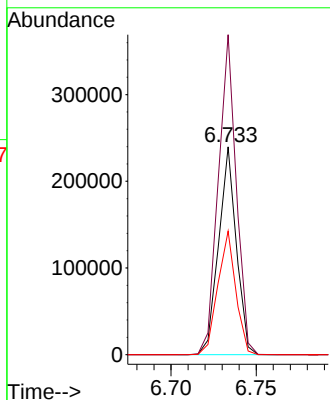
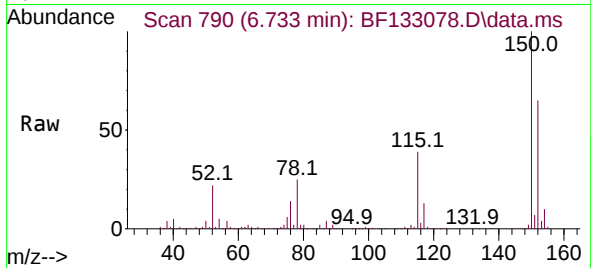




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.733 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

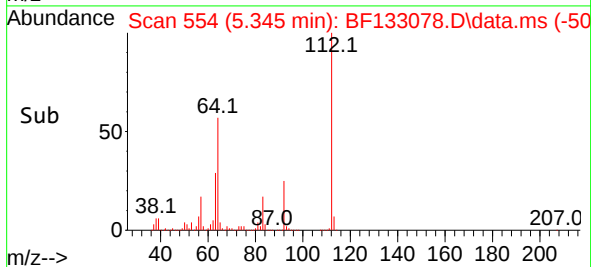
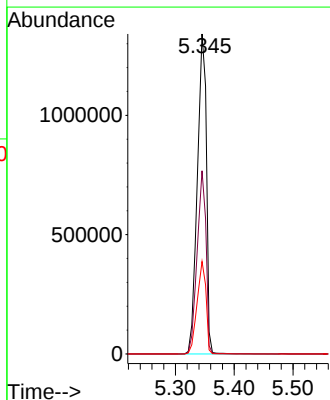
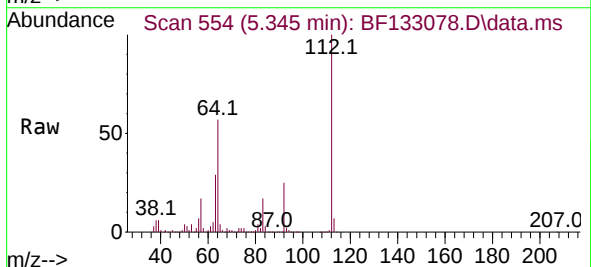
Instrument :
BNA_F
ClientSampleId :
20230346-COMP-24

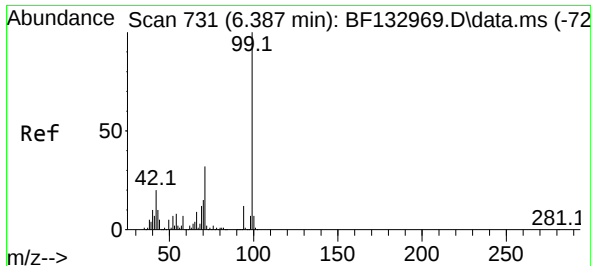
Tgt Ion:152 Resp: 173736
Ion Ratio Lower Upper
152 100
150 154.0 124.8 187.2
115 59.5 49.9 74.9



#5
2-Fluorophenol
Concen: 125.178 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

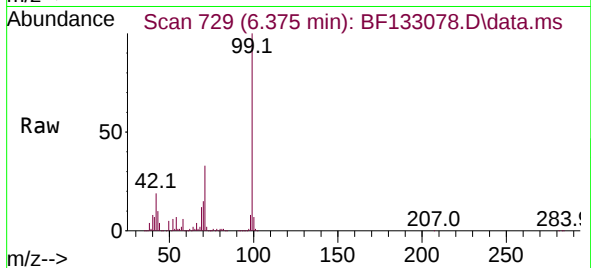
Tgt Ion:112 Resp: 1439678
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 28.9 23.8 35.8





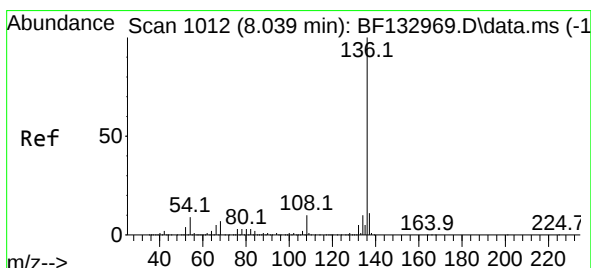
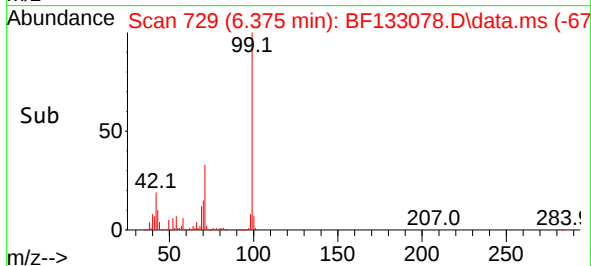
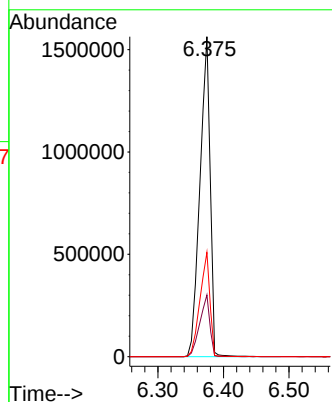
#7
Phenol-d6
Concen: 119.209 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

Instrument :
BNA_F
ClientSampleId :
20230346-COMP-24



Tgt Ion: 99 Resp: 1701726

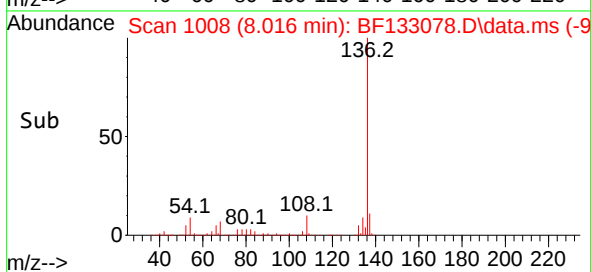
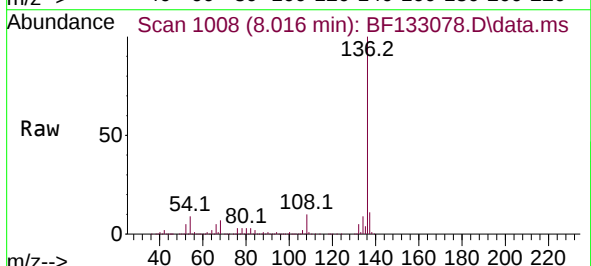
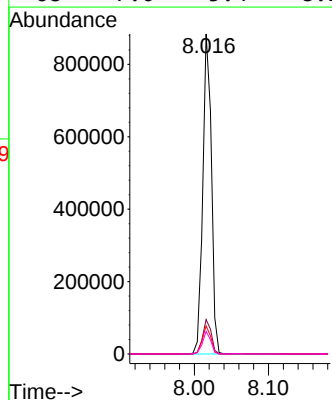
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.3	24.5
71	32.6	25.6	38.4

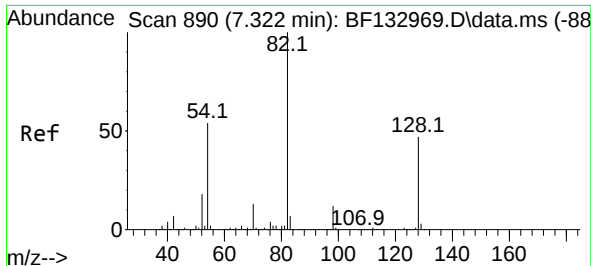


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133078.D
Acq: 26 Apr 2023 22:04

Tgt Ion: 136 Resp: 713183

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.8	7.0	10.4
68	7.0	5.4	8.2





#23

Nitrobenzene-d5

Concen: 75.820 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133078.D

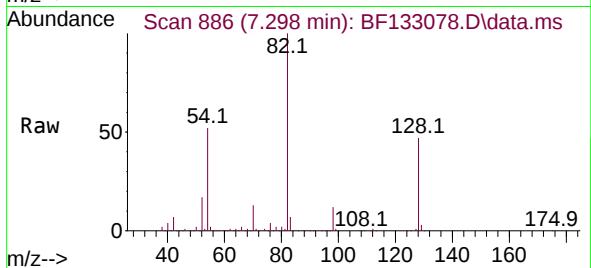
Acq: 26 Apr 2023 22:04

Instrument :

BNA_F

ClientSampleId :

20230346-COMP-24



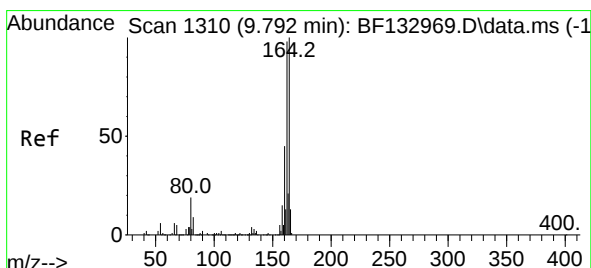
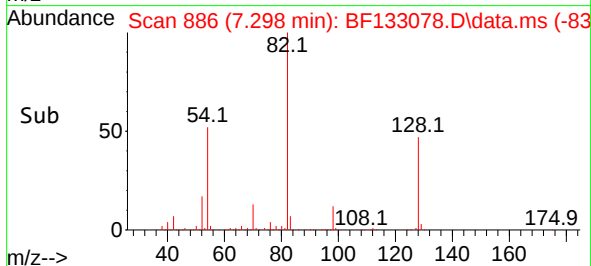
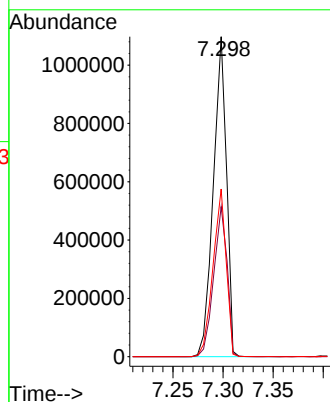
Tgt Ion: 82 Resp: 1001791

Ion Ratio Lower Upper

82 100

128 46.9 37.7 56.5

54 52.4 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: BF133078.D

Acq: 26 Apr 2023 22:04

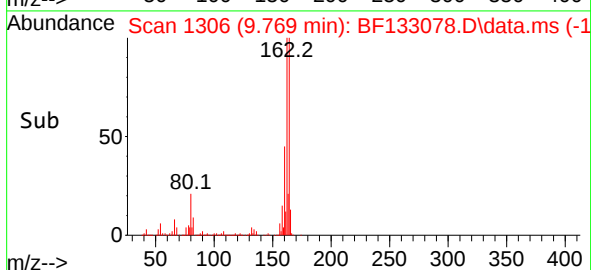
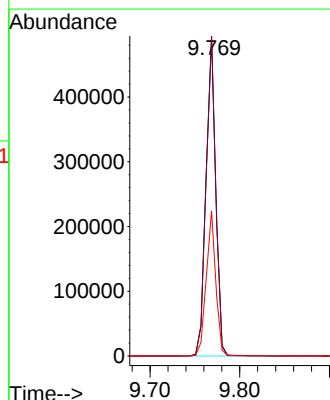
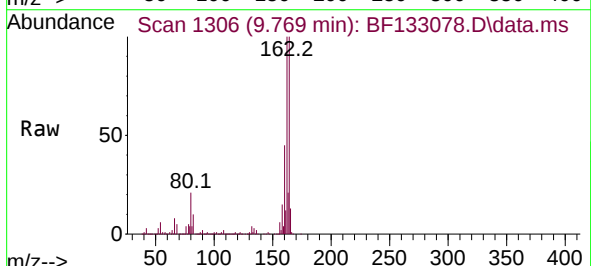
Tgt Ion: 164 Resp: 370530

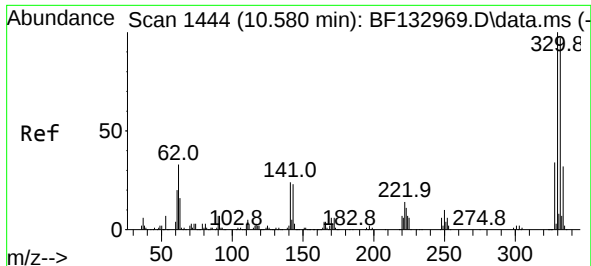
Ion Ratio Lower Upper

164 100

162 99.9 78.7 118.1

160 45.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 120.463 ng

RT: 10.557 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133078.D

Acq: 26 Apr 2023 22:04

Instrument :

BNA_F

ClientSampleId :

20230346-COMP-24

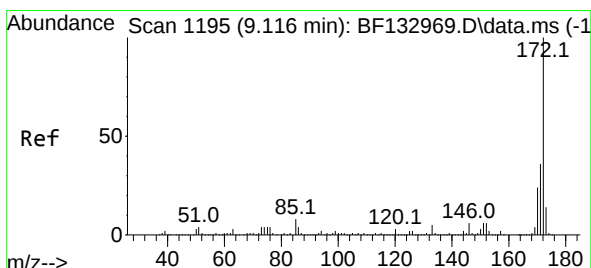
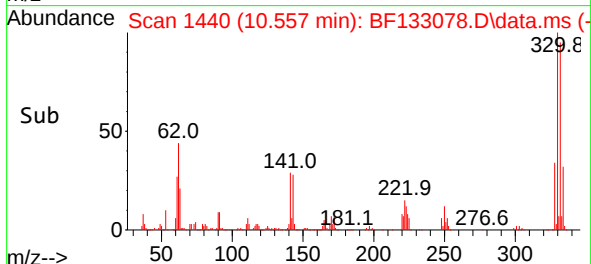
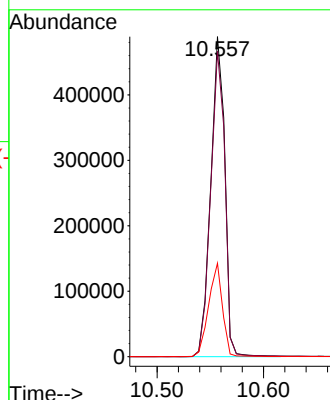
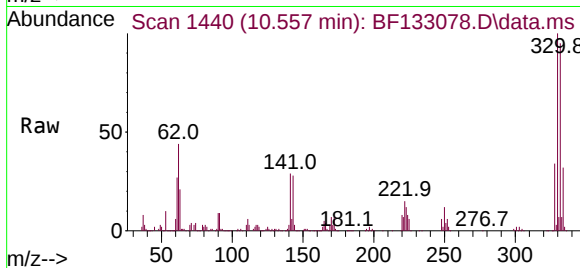
Tgt Ion:330 Resp: 448891

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 28.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 75.274 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133078.D

Acq: 26 Apr 2023 22:04

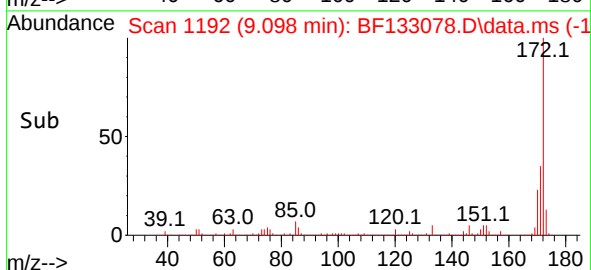
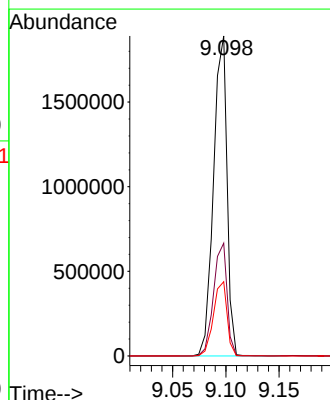
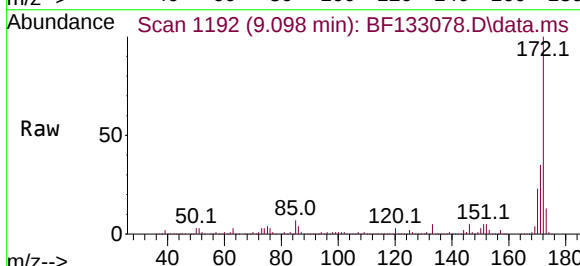
Tgt Ion:172 Resp: 1667149

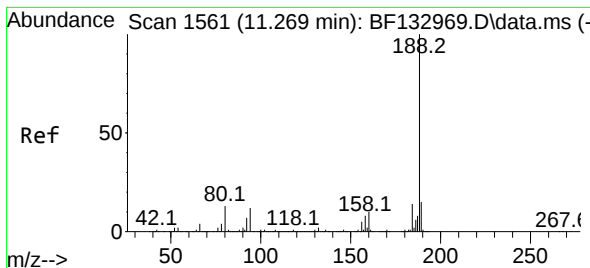
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.2 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: BF133078.D

Acq: 26 Apr 2023 22:04

Instrument :

BNA_F

ClientSampleId :

20230346-COMP-24

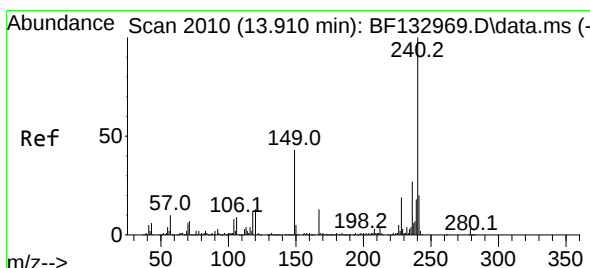
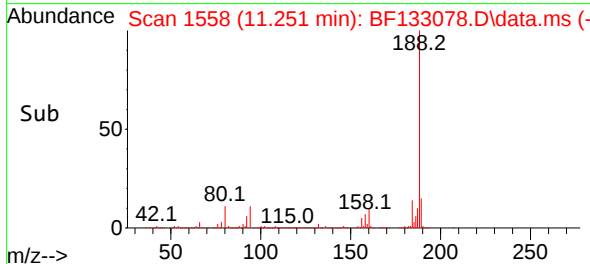
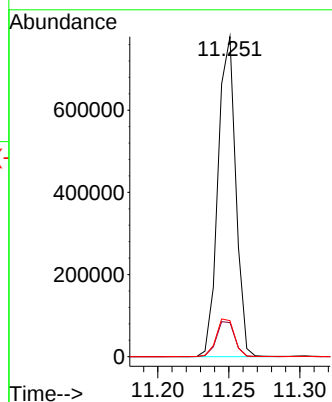
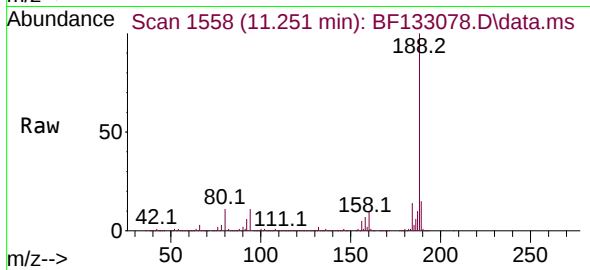
Tgt Ion:188 Resp: 676675

Ion Ratio Lower Upper

188 100

94 10.6 9.7 14.5

80 11.2 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: BF133078.D

Acq: 26 Apr 2023 22:04

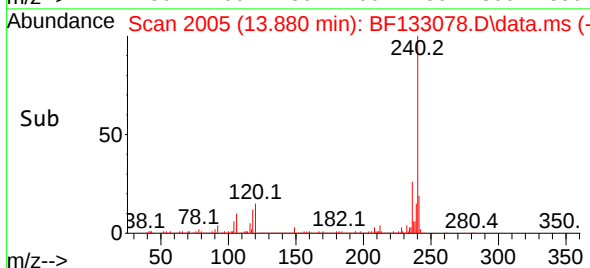
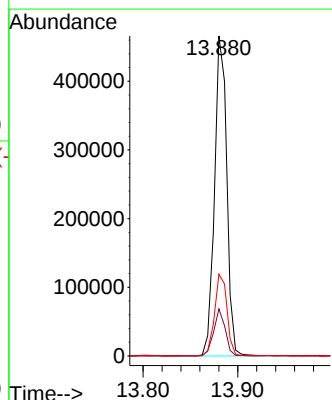
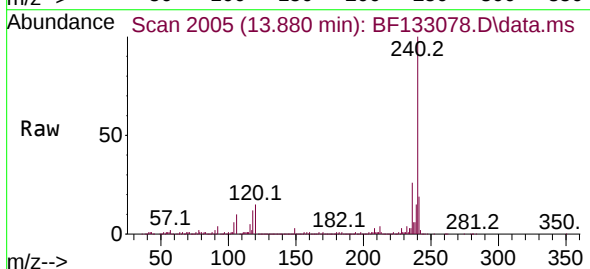
Tgt Ion:240 Resp: 417487

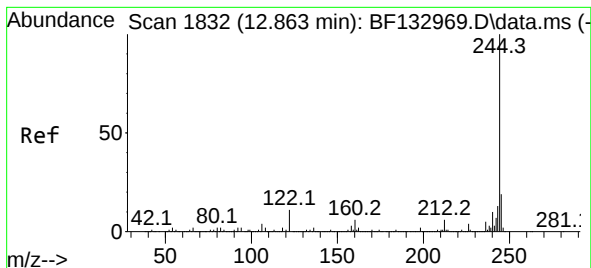
Ion Ratio Lower Upper

240 100

120 14.7 10.5 15.7

236 25.6 21.5 32.3





#79

Terphenyl-d14

Concen: 78.509 ng

RT: 12.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133078.D

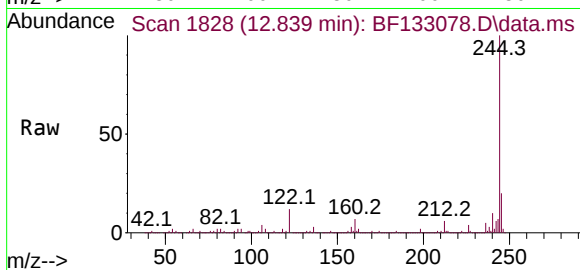
Acq: 26 Apr 2023 22:04

Instrument :

BNA_F

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20230346-COMP-24



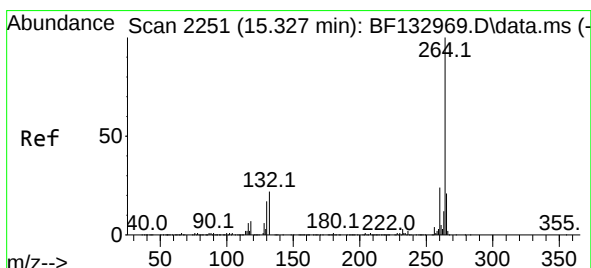
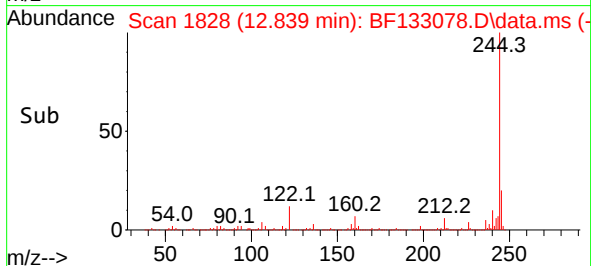
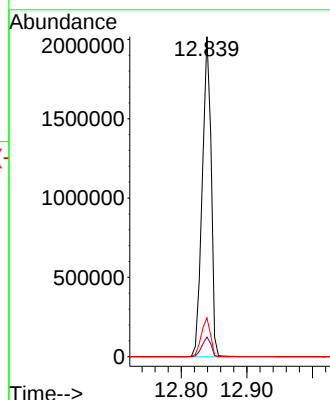
Tgt Ion:244 Resp: 1900441

Ion Ratio Lower Upper

244 100

212 6.1 5.1 7.7

122 12.1 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: BF133078.D

Acq: 26 Apr 2023 22:04

Tgt Ion:264 Resp: 387989

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.5 17.0 25.4

