

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133884.D
 Acq On : 21 Jun 2023 22:15
 Operator : CG\JU
 Sample : 03297-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-TP-6-6-9

Quant Time: Jun 22 06:01:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

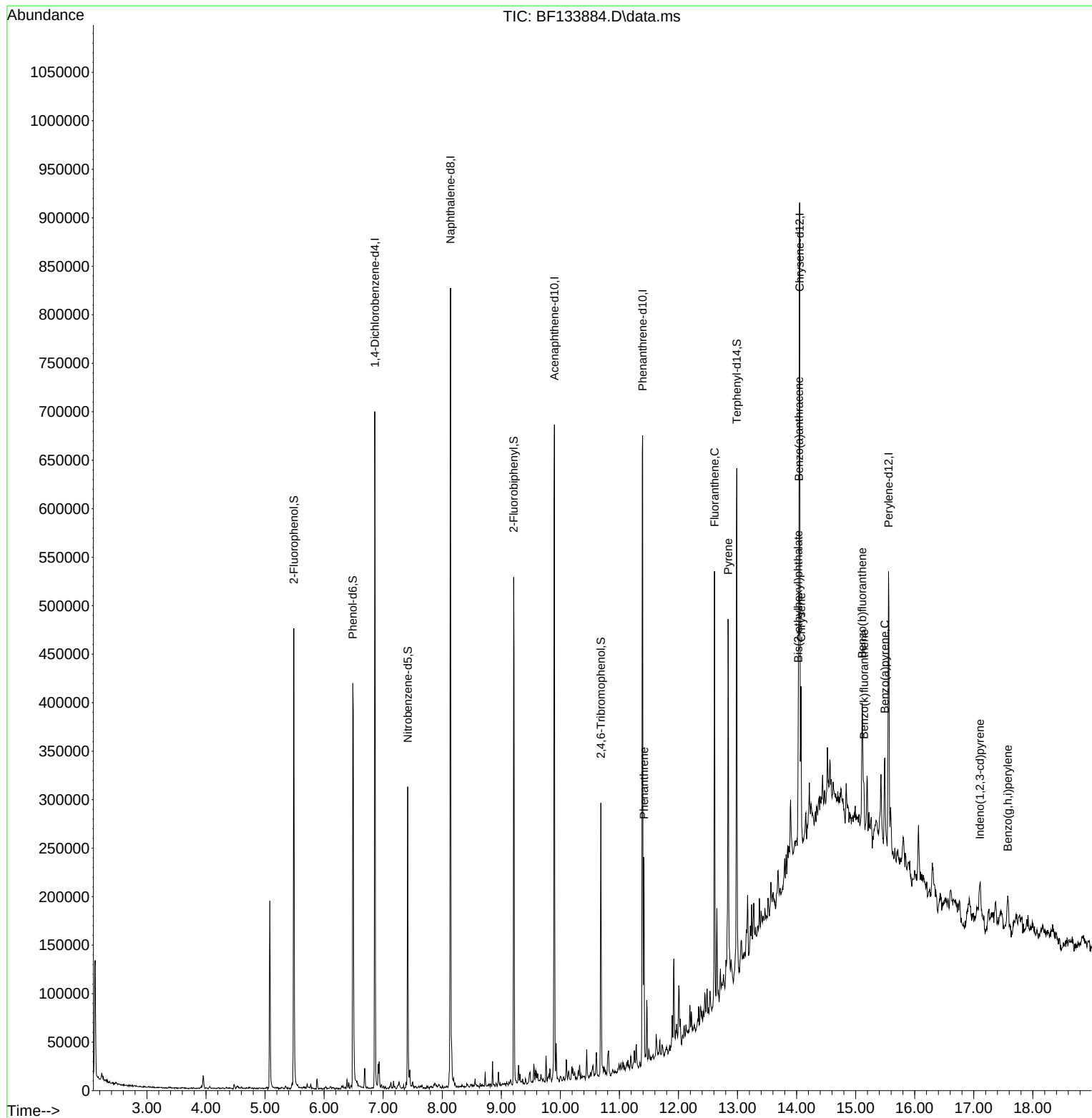
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	98004	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	335186	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	132209	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	254954	20.000	ng	0.00
76) Chrysene-d12	14.051	240	196285	20.000	ng	0.00
86) Perylene-d12	15.557	264	144050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	121073	21.507	ng	0.00
7) Phenol-d6	6.487	99	139612	19.053	ng	0.00
23) Nitrobenzene-d5	7.416	82	85235	13.850	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	29775	17.792	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	156176	16.792	ng	0.00
79) Terphenyl-d14	12.986	244	174535	13.759	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	79594	6.153	ng	97
75) Fluoranthene	12.610	202	163339	11.891	ng	99
78) Pyrene	12.839	202	154241	8.436	ng	99
81) Benzo(a)anthracene	14.039	228	76152	5.609	ng	99
83) Chrysene	14.074	228	60075m	4.678	ng	
84) Bis(2-ethylhexyl)phtha...	14.027	149	31180	3.281	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	27313	2.756	ng	99
88) Benzo(b)fluoranthene	15.110	252	63225m	7.225	ng	
89) Benzo(k)fluoranthene	15.139	252	23067m	2.706	ng	
90) Benzo(a)pyrene	15.492	252	44079	5.428	ng	95
92) Benzo(g,h,i)perylene	17.574	276	28651	3.522	ng	# 86

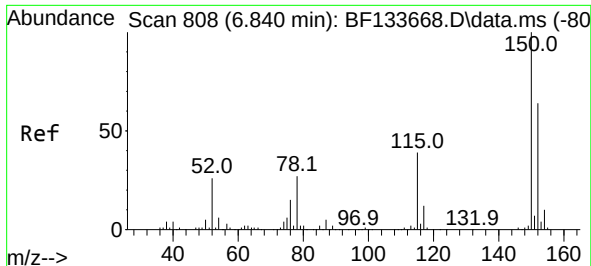
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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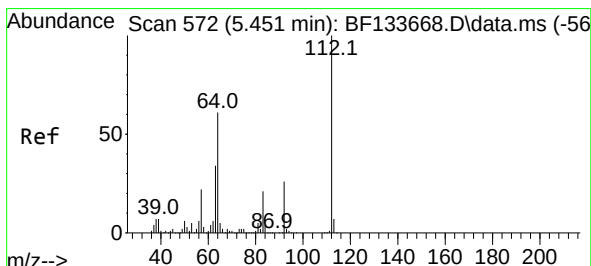
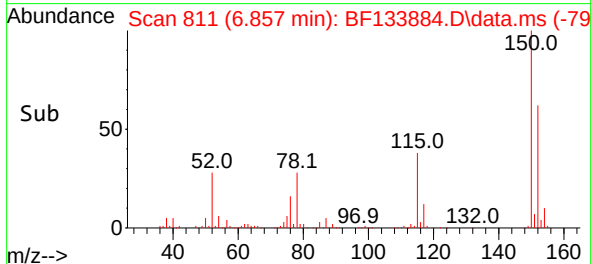
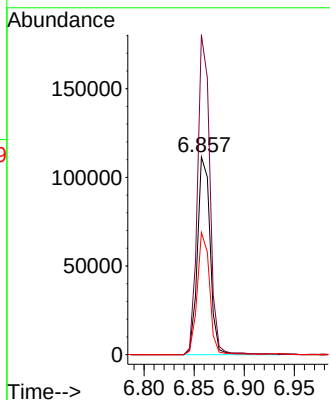
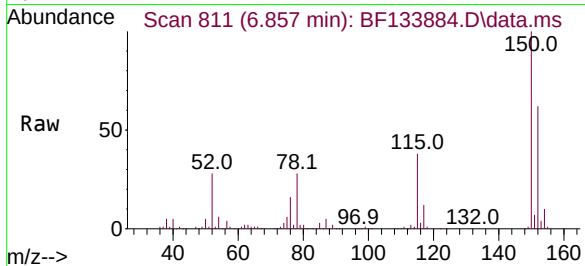




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

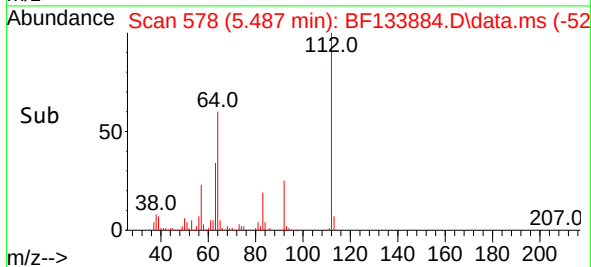
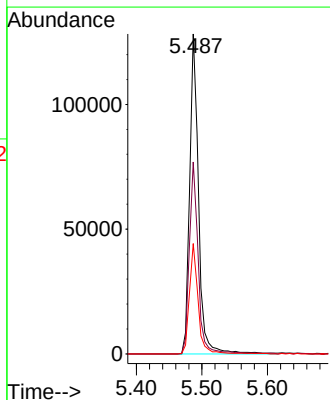
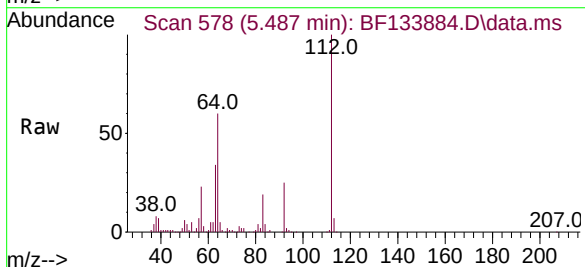
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TP-6-6-9

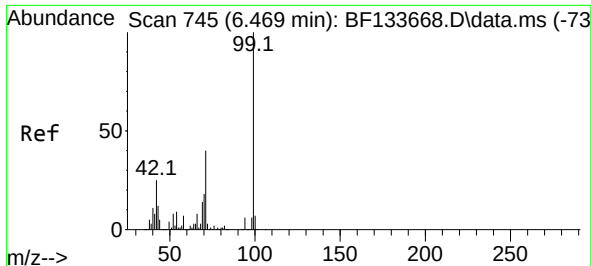
Tgt Ion:152 Resp: 98004
Ion Ratio Lower Upper
152 100
150 161.8 124.3 186.5
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 21.507 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

Tgt Ion:112 Resp: 121073
Ion Ratio Lower Upper
112 100
64 60.0 49.0 73.4
63 34.5 26.8 40.2

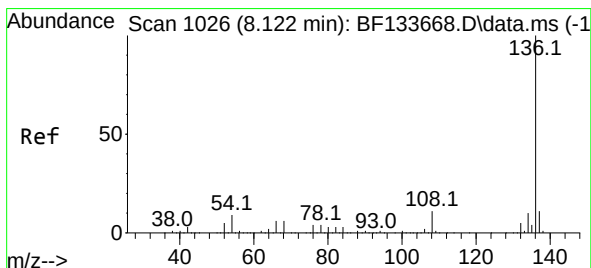
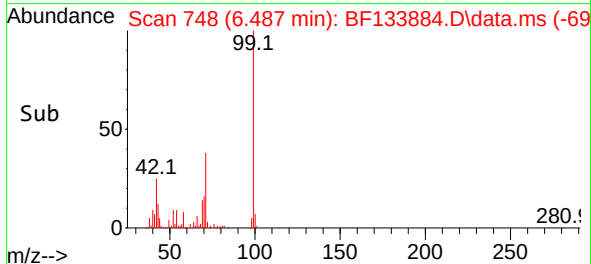
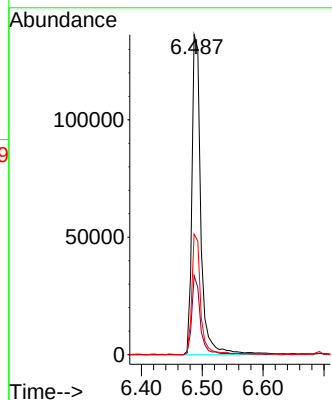
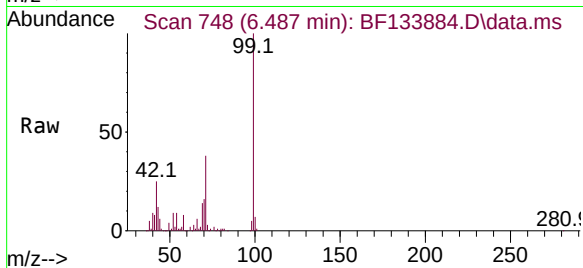




#7
Phenol-d6
Concen: 19.053 ng
RT: 6.487 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

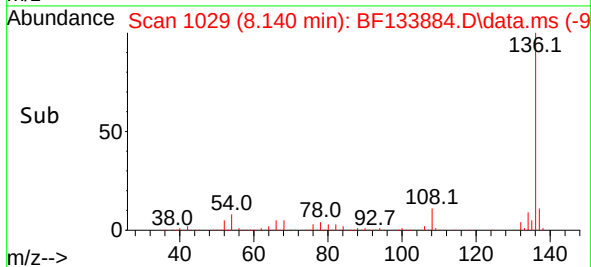
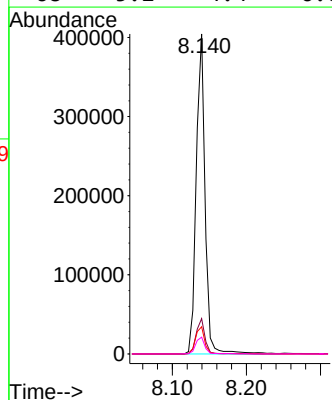
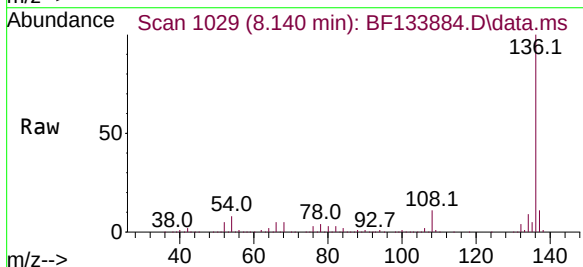
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TP-6-6-9

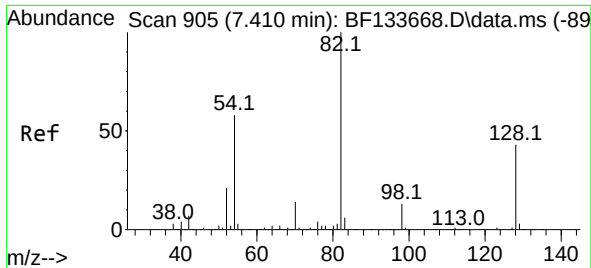
Tgt Ion: 99 Resp: 139612
Ion Ratio Lower Upper
99 100
42 24.7 19.9 29.9
71 37.7 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

Tgt Ion: 136 Resp: 335186
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.5 7.4 11.0
68 5.2 4.4 6.6

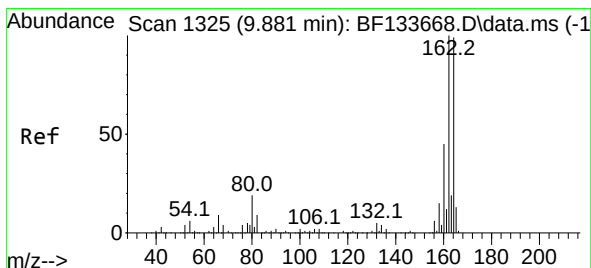
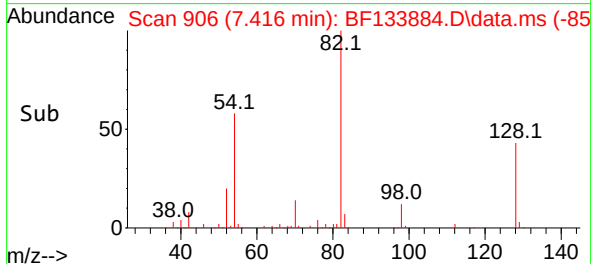
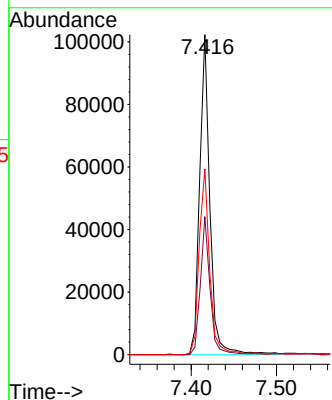
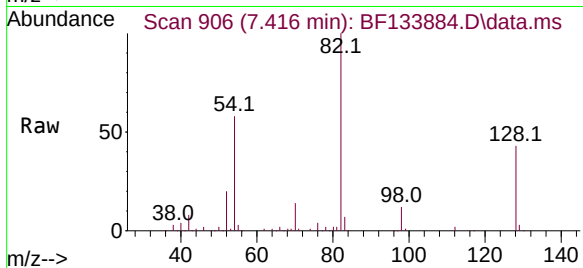




#23
Nitrobenzene-d5
Concen: 13.850 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

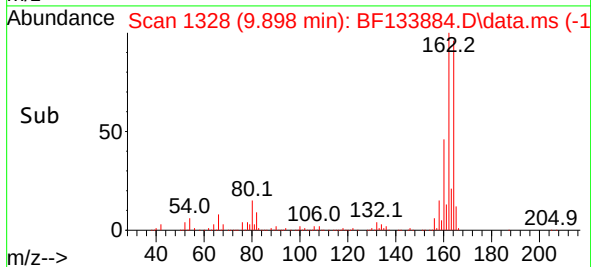
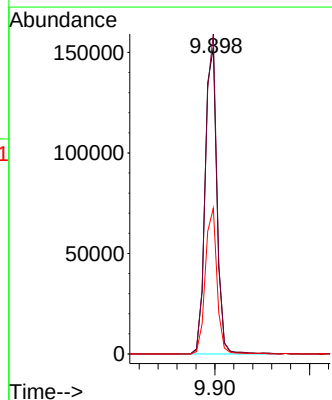
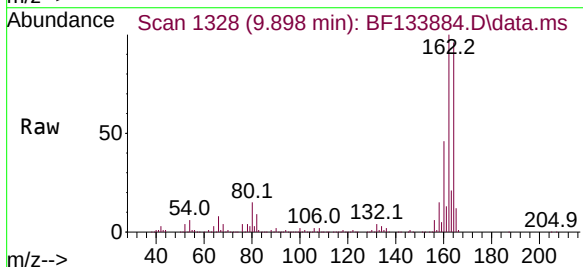
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TP-6-6-9

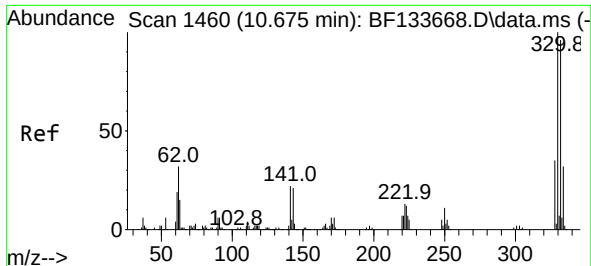
Tgt Ion: 82 Resp: 85235
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.2
54 58.0 46.5 69.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

Tgt Ion: 164 Resp: 132209
Ion Ratio Lower Upper
164 100
162 104.5 80.8 121.2
160 47.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 17.792 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133884.D

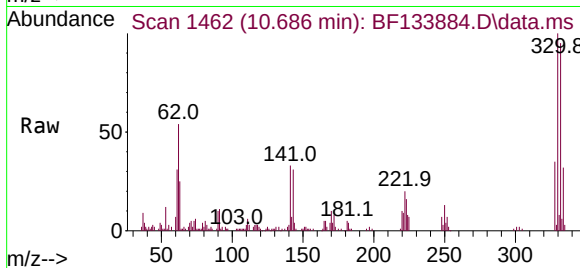
Acq: 21 Jun 2023 22:15

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-TP-6-6-9



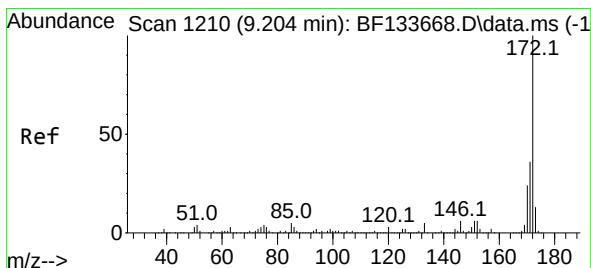
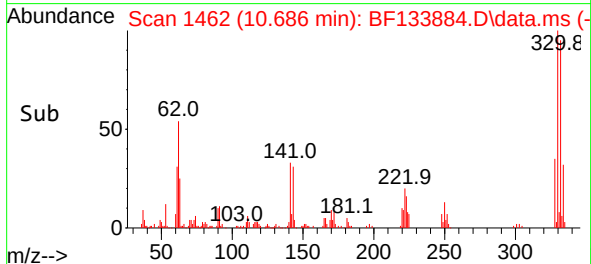
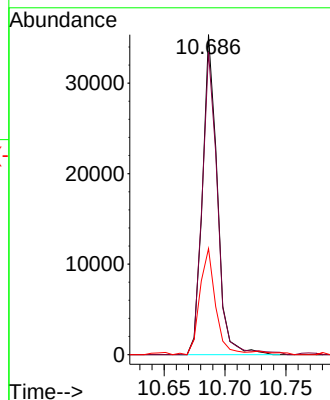
Tgt Ion:330 Resp: 29775

Ion Ratio Lower Upper

330 100

332 97.8 77.2 115.8

141 37.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 16.792 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF133884.D

Acq: 21 Jun 2023 22:15

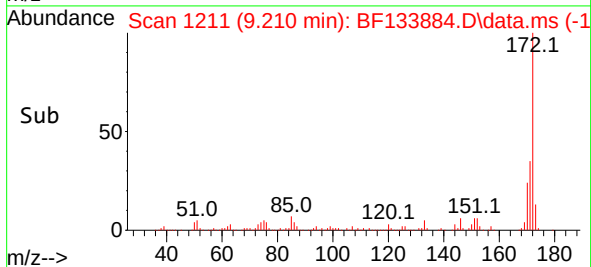
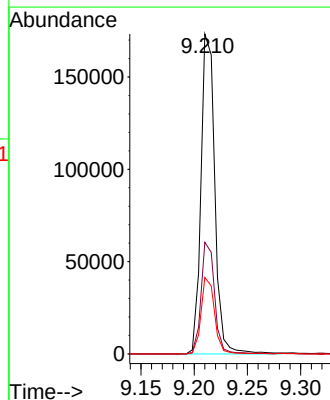
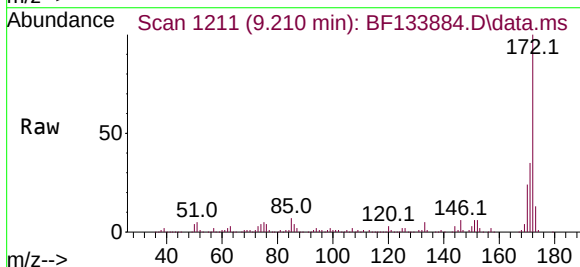
Tgt Ion:172 Resp: 156176

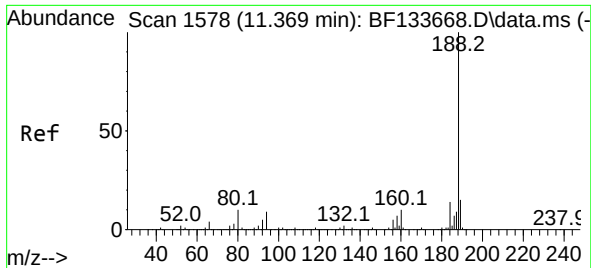
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.9 19.1 28.7

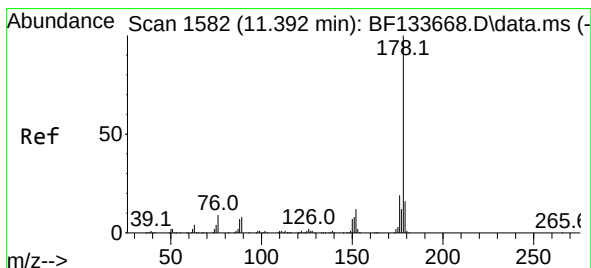
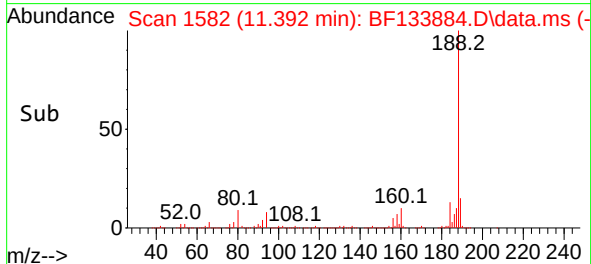
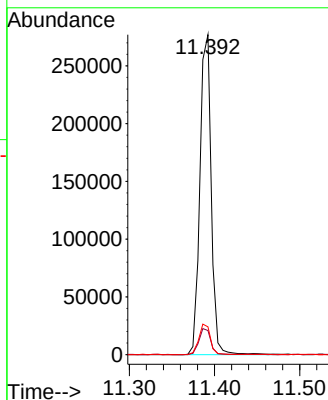
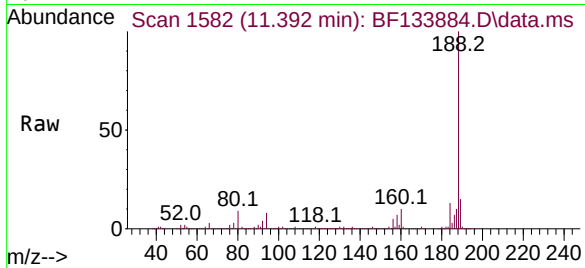




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

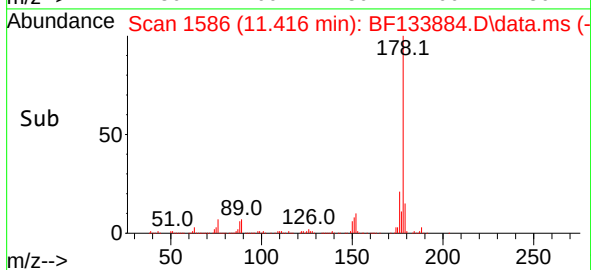
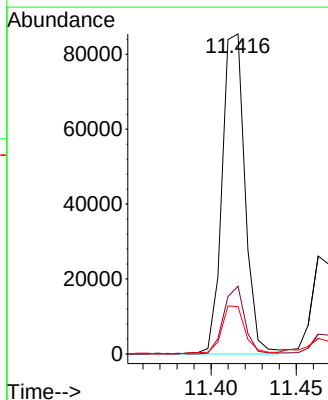
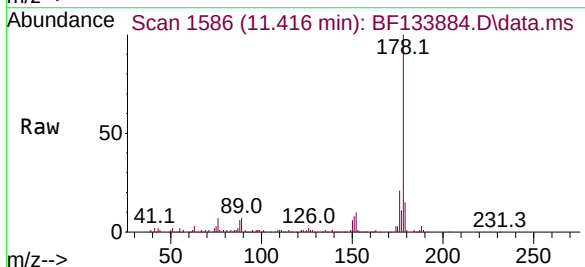
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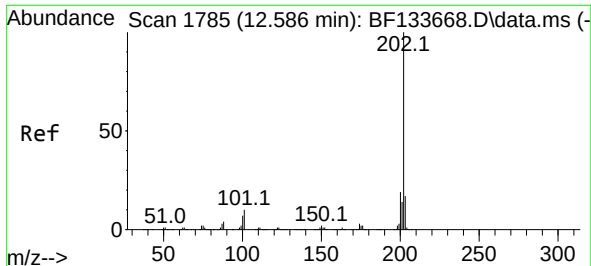
Tgt Ion:188 Resp: 254954
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.7 7.8 11.6



#71
Phenanthrene
Concen: 6.153 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

Tgt Ion:178 Resp: 79594
Ion Ratio Lower Upper
178 100
176 21.2 15.6 23.4
179 14.8 12.4 18.6

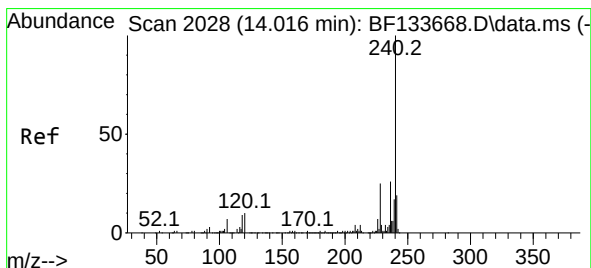
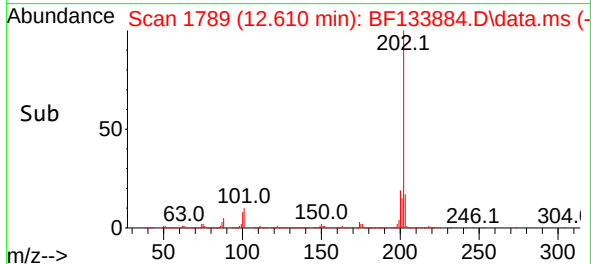
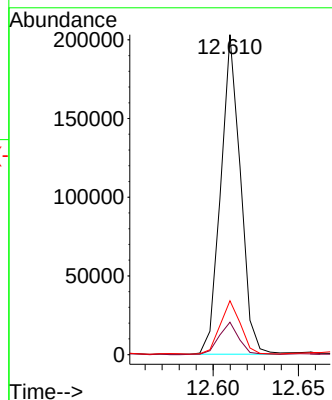
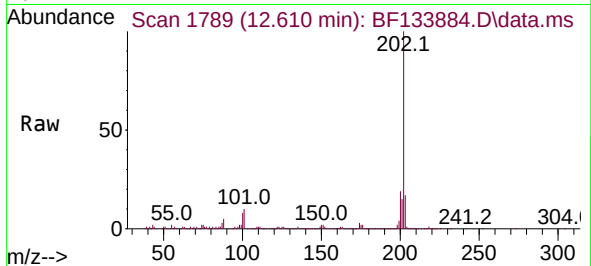




#75
Fluoranthene
Concen: 11.891 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

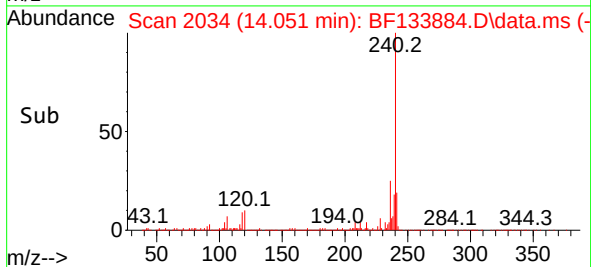
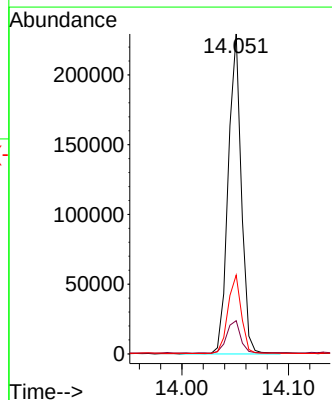
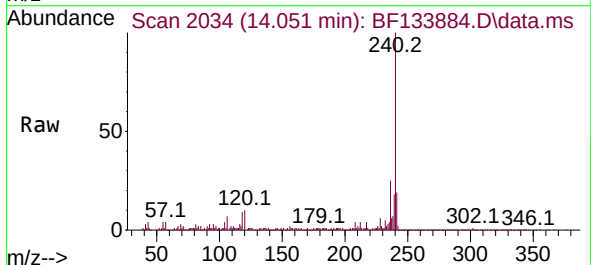
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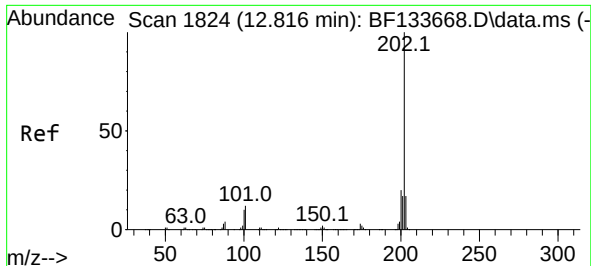
Tgt Ion:202 Resp: 163339
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 16.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

Tgt Ion:240 Resp: 196285
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 24.6 20.5 30.7

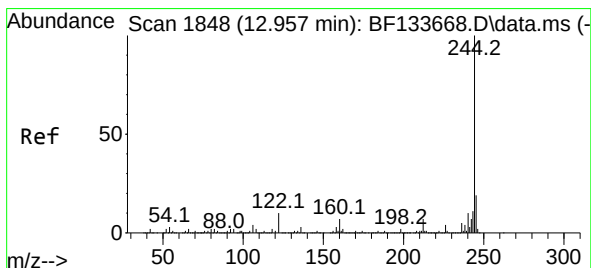
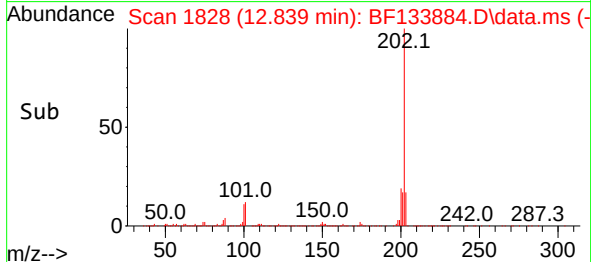
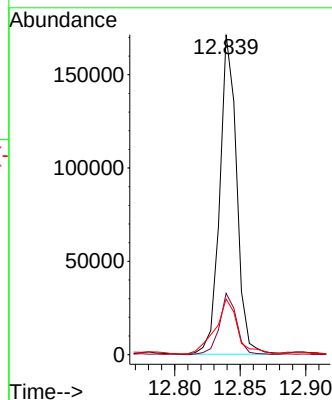
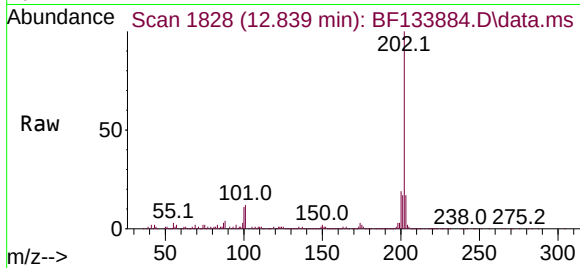




#78
Pyrene
Concen: 8.436 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

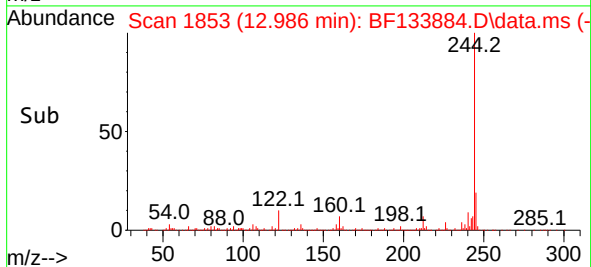
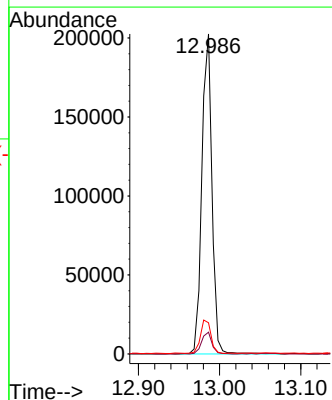
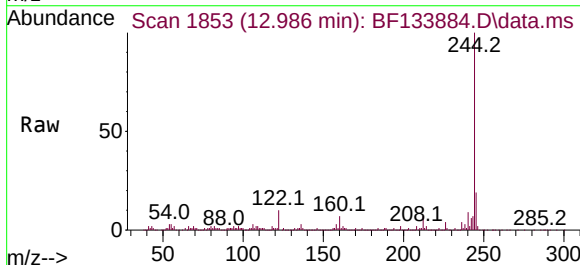
Instrument :
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ClientSampleId :
COMPOSIT-TP-6-6-9

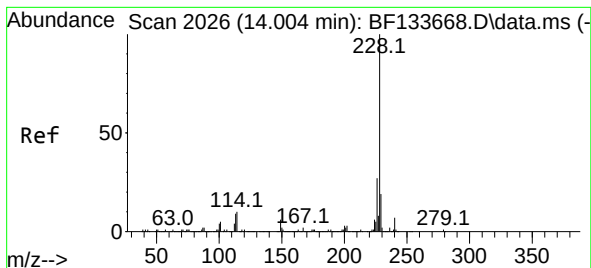
Tgt Ion:202 Resp: 154241
Ion Ratio Lower Upper
202 100
200 19.1 16.2 24.2
203 17.4 13.9 20.9



#79
Terphenyl-d14
Concen: 13.759 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

Tgt Ion:244 Resp: 174535
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.7 8.1 12.1





#81

Benzo(a)anthracene

Concen: 5.609 ng

RT: 14.039 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF133884.D

Acq: 21 Jun 2023 22:15

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-TP-6-6-9

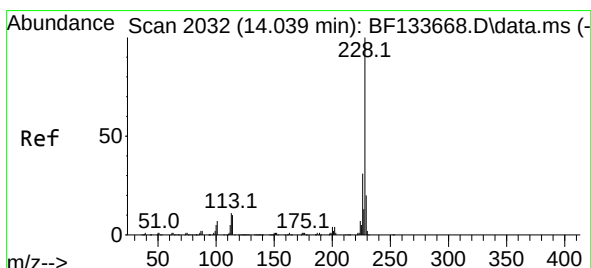
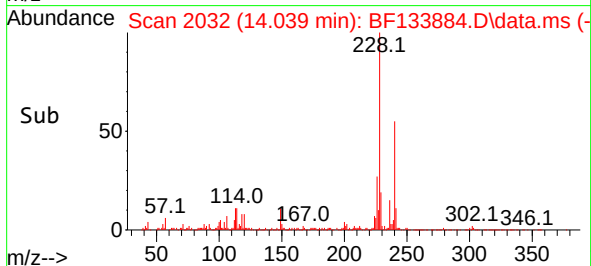
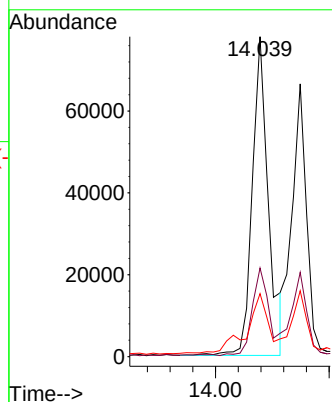
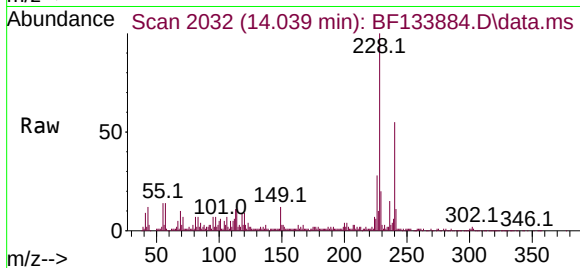
Tgt Ion:228 Resp: 76152

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

229 19.7 15.4 23.2



#83

Chrysene

Concen: 4.678 ng m

RT: 14.074 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF133884.D

Acq: 21 Jun 2023 22:15

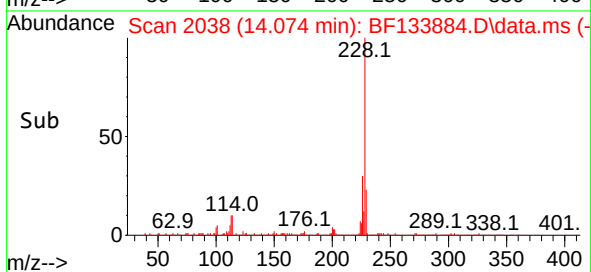
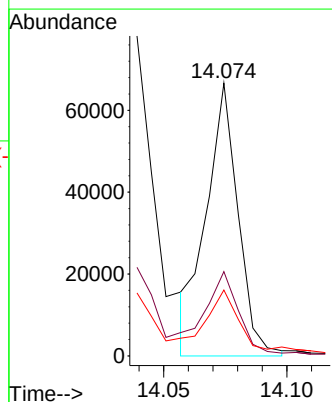
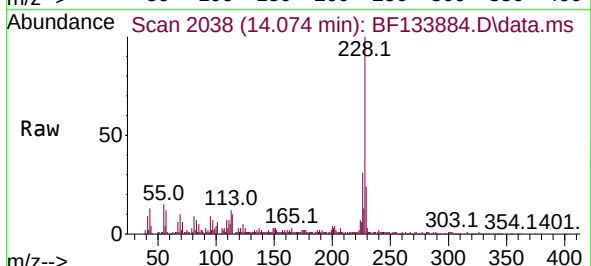
Tgt Ion:228 Resp: 60075

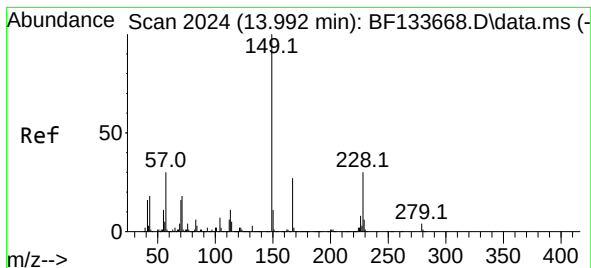
Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 24.1 15.8 23.8#

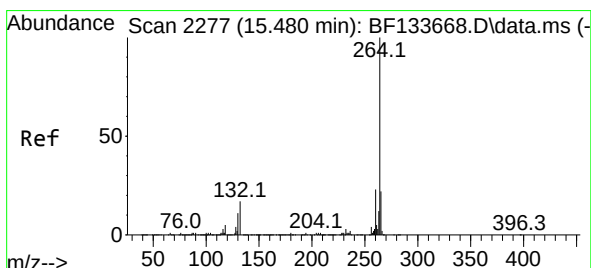
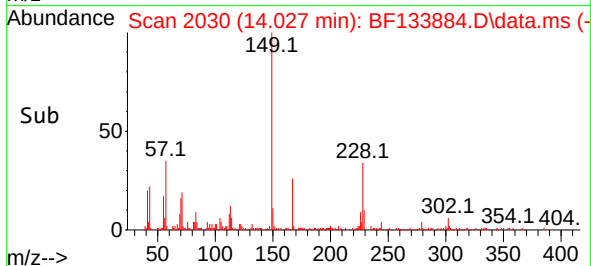
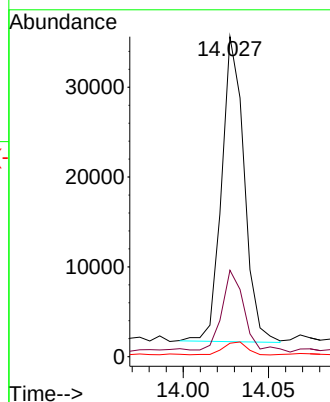
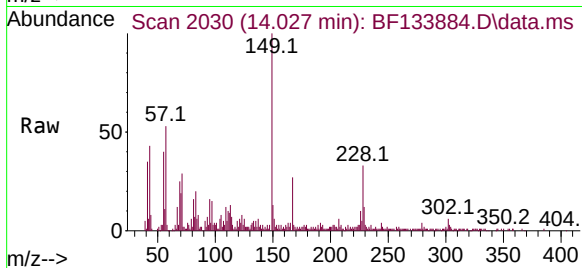




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.281 ng
RT: 14.027 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

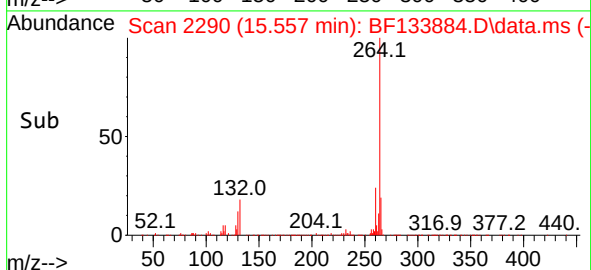
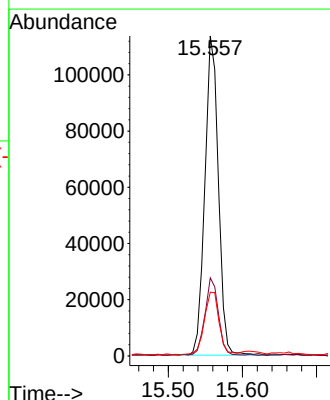
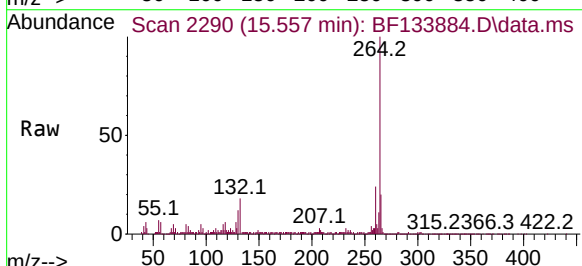
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TP-6-6-9

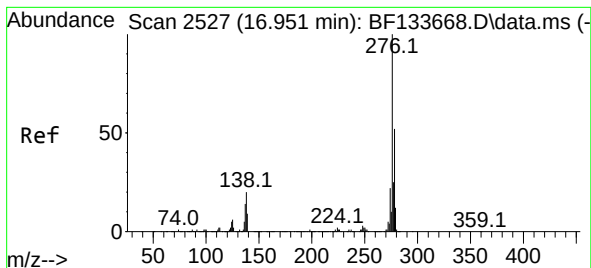
Tgt Ion:149 Resp: 31180
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.8
279 4.2 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF133884.D
Acq: 21 Jun 2023 22:15

Tgt Ion:264 Resp: 144050
Ion Ratio Lower Upper
264 100
260 24.4 18.2 27.2
265 19.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.756 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133884.D

Acq: 21 Jun 2023 22:15

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-TP-6-6-9

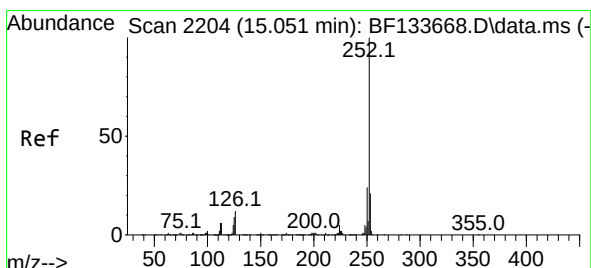
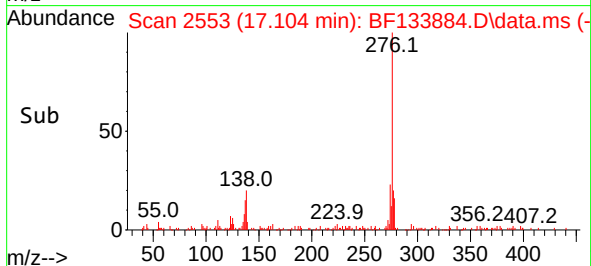
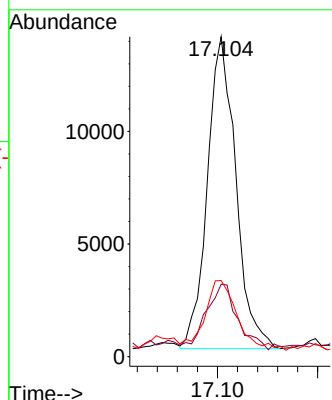
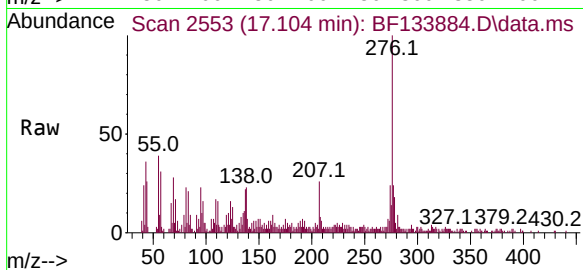
Tgt Ion:276 Resp: 27313

Ion Ratio Lower Upper

276 100

138 23.3 17.9 26.9

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 7.225 ng m

RT: 15.110 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF133884.D

Acq: 21 Jun 2023 22:15

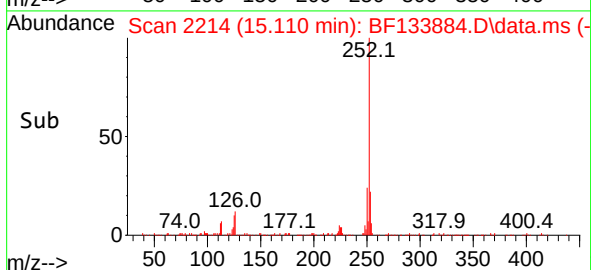
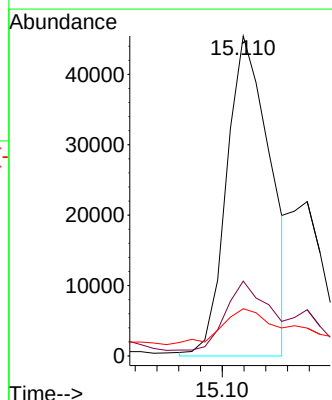
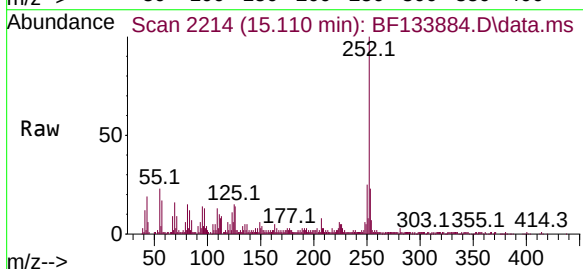
Tgt Ion:252 Resp: 63225

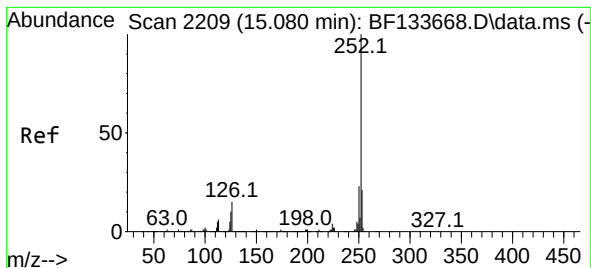
Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.6

125 14.7 7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 2.706 ng m

RT: 15.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133884.D

Acq: 21 Jun 2023 22:15

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-TP-6-6-9

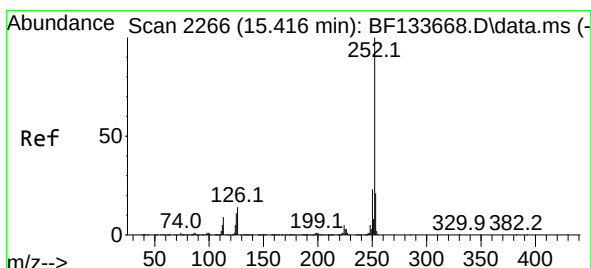
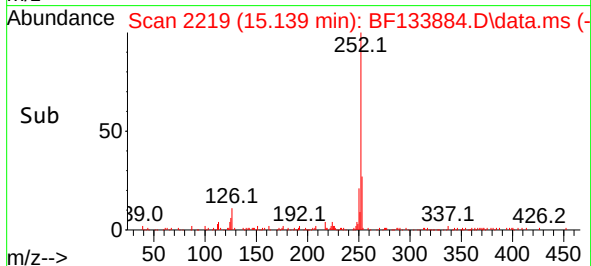
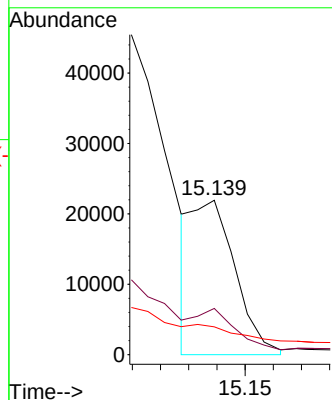
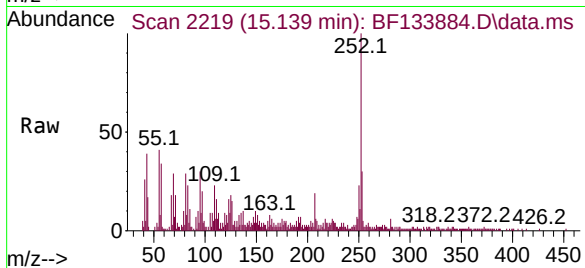
Tgt Ion:252 Resp: 23067

Ion Ratio Lower Upper

252 100

253 29.9 17.0 25.4#

125 18.0 7.8 11.6#



#90

Benzo(a)pyrene

Concen: 5.428 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.006 min

Lab File: BF133884.D

Acq: 21 Jun 2023 22:15

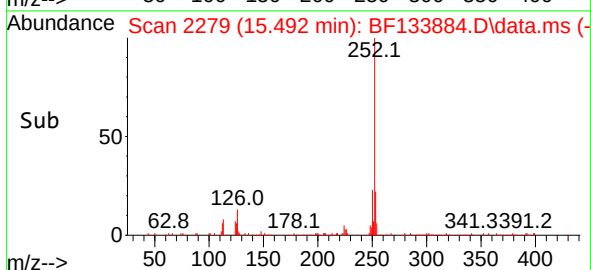
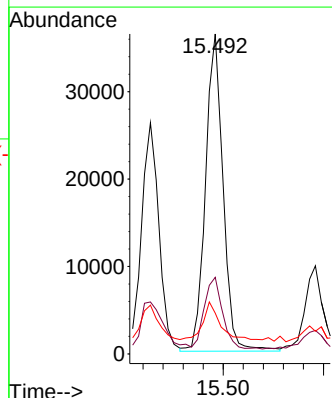
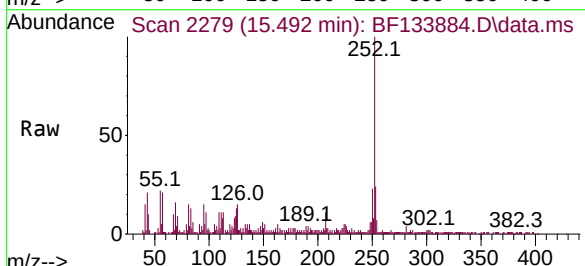
Tgt Ion:252 Resp: 44079

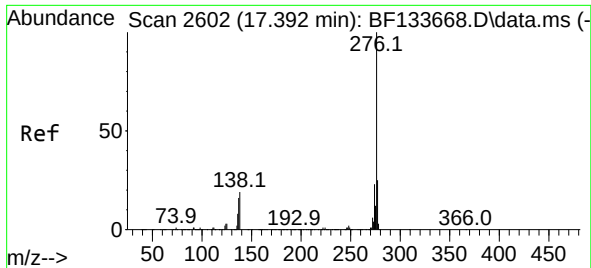
Ion Ratio Lower Upper

252 100

253 23.9 17.1 25.7

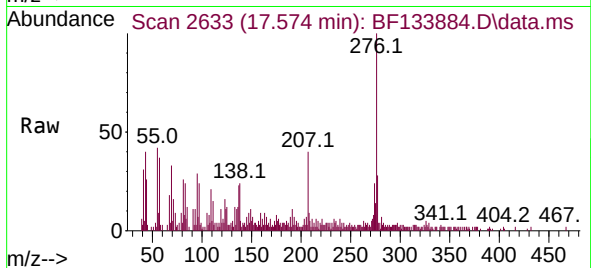
125 12.7 8.6 13.0





#92
 Benzo(g,h,i)perylene
 Concen: 3.522 ng
 RT: 17.574 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF133884.D
 Acq: 21 Jun 2023 22:15

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-TP-6-6-9



Tgt Ion:	276	Resp:	28651
Ion	Ratio	Lower	Upper
276	100		
277	28.5	19.8	29.8
138	29.1	15.0	22.4#

