

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013027.D
 Acq On : 09 Dec 2022 20:14
 Operator : CG/JU
 Sample : N5896-11DL 30X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXM9DL

Quant Time: Dec 09 21:59:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

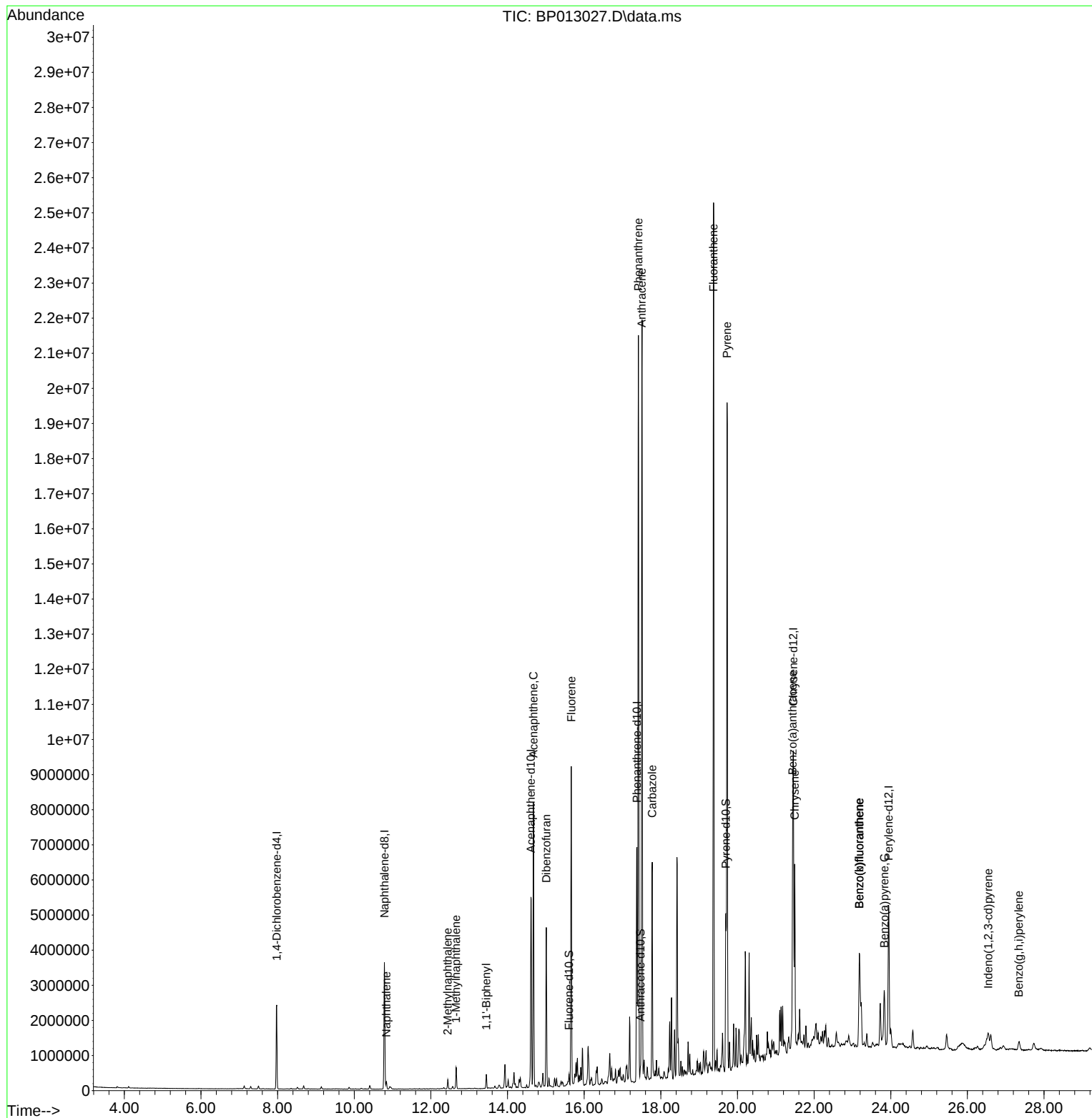
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	677769	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	2959030	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1974187	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	4376355	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3647080	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	3284054	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	2994	0.189	ng/uL	0.00
4) Pyridine-d5	3.781	84	804	0.018	ng/ul	0.00
7) Phenol-d5	7.128	99	43198	0.782	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	29635	0.890	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	37063	0.853	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	34505	0.763	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	15950	0.734	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	18128	0.741	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	36841	0.775	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	39622	0.590	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	143965	0.949	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	144121	0.864	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	8959	0.328	ng/ul	0.00
60) Fluorene-d10	15.604	176	128933	1.004	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	10130	0.360	ng/ul	0.00
73) Anthracene-d10	17.469	188	200590	1.016	ng/ul	0.00
81) Pyrene-d10	19.698	212	235390	1.124	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	157062	0.960	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.840	128	172852	1.117	ng/ul	98
36) 2-Methylnaphthalene	12.440	142	117287	1.105	ng/ul	100
37) 1-Methylnaphthalene	12.657	142	281302	2.576	ng/ul	98
43) 1,1'-Biphenyl	13.445	154	204635	1.380	ng/ul	100
52) Acenaphthene	14.675	153	3252995	26.190	ng/ul	99
56) Dibenzofuran	15.010	168	2875546	16.283	ng/ul	100
61) Fluorene	15.663	166	4051750	28.608	ng/ul	99
72) Phenanthrene	17.416	178	13492128	59.190	ng/ul	94
74) Anthracene	17.504	178	13676647	60.090	ng/ul	95
77) Carbazole	17.775	167	3888175	20.285	ng/ul	99
80) Fluoranthene	19.374	202	14317833	60.260	ng/ul#	92
82) Pyrene	19.727	202	12378633	50.506	ng/ul	99
85) Benzo(a)anthracene	21.439	228	3139894	12.969	ng/ul	99
87) Chrysene	21.492	228	3227214	14.095	ng/ul	98
90) Benzo(b)fluoranthene	23.180	252	2583306	12.336	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	2583306	12.440	ng/ul	98
93) Benzo(a)pyrene	23.833	252	1087887	5.966	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.545	276	500037	2.202	ng/ul	98
96) Benzo(g,h,i)perylene	27.345	276	362443	1.988	ng/ul	97

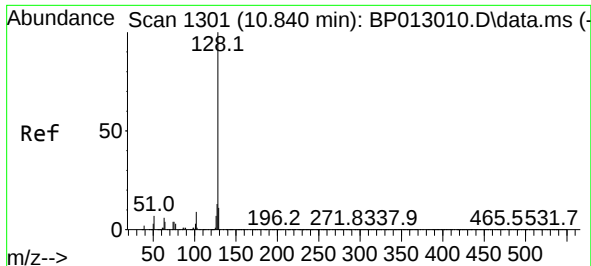
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

Quant Time: Dec 09 21:59:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

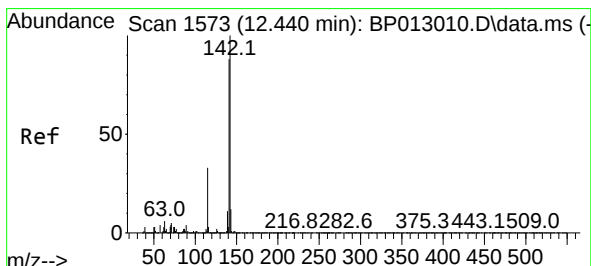
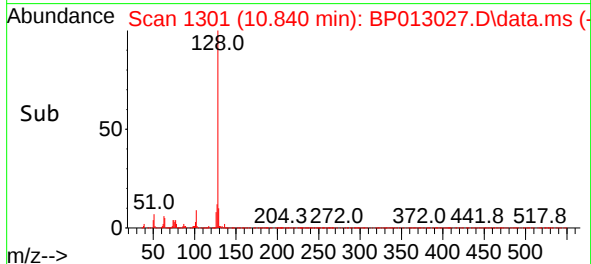
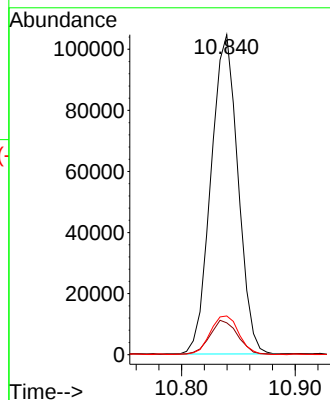
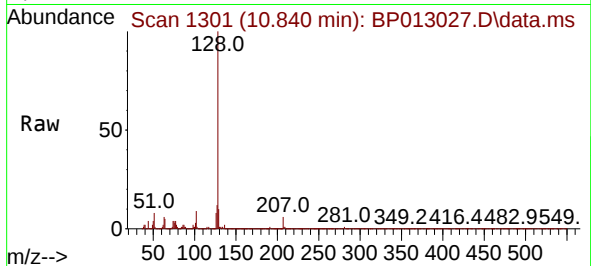




#30
Naphthalene
Concen: 1.117 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

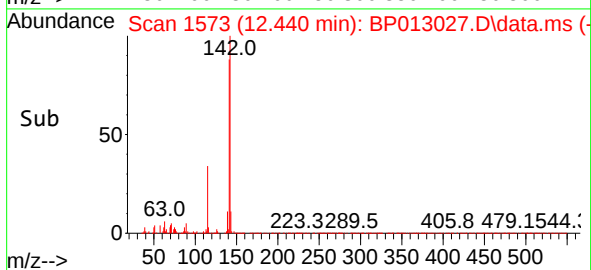
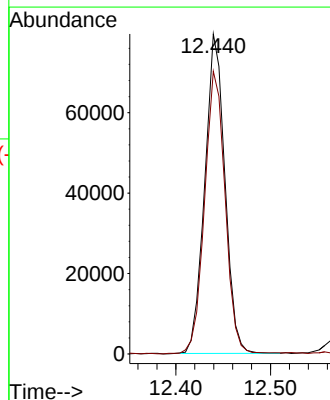
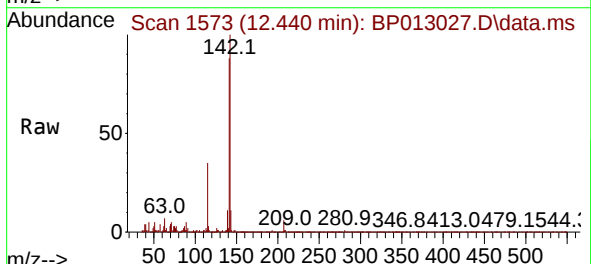
Instrument :
BNA_P
ClientSampleId :
DBXM9DL

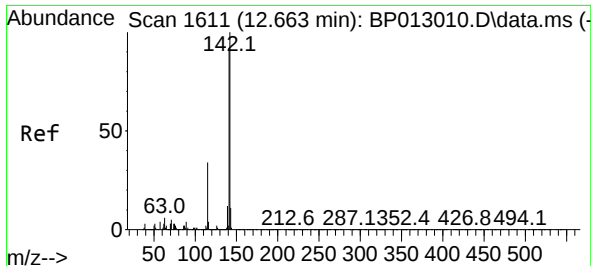
Tgt Ion:128 Resp: 172852
Ion Ratio Lower Upper
128 100
129 10.0 8.7 13.1
127 12.1 10.4 15.6



#36
2-Methylnaphthalene
Concen: 1.105 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

Tgt Ion:142 Resp: 117287
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

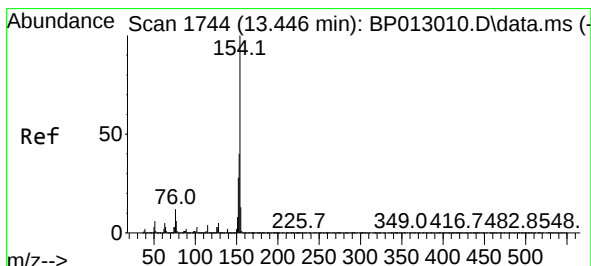
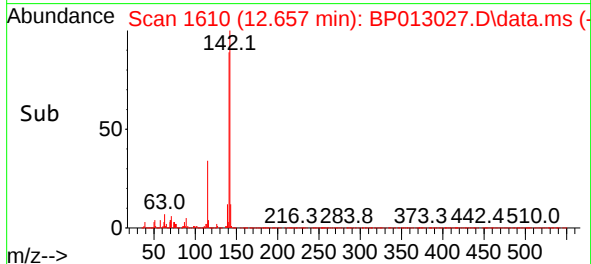
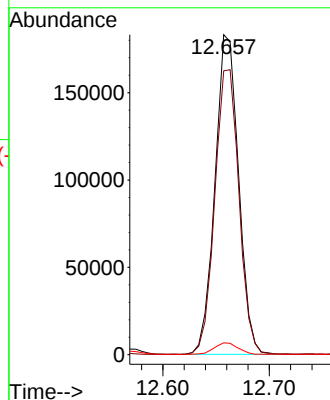
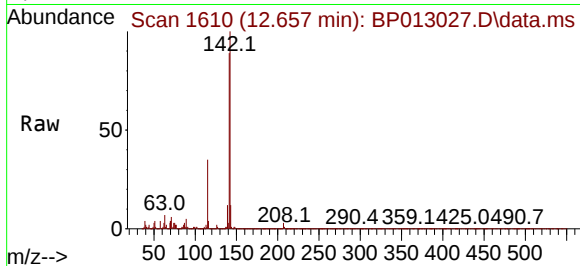




#37
1-Methylnaphthalene
Concen: 2.576 ng/ul
RT: 12.657 min Scan# 1610
Delta R.T. -0.012 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

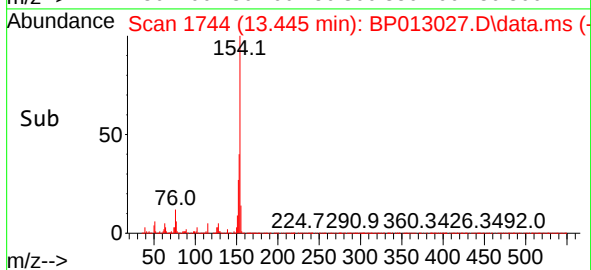
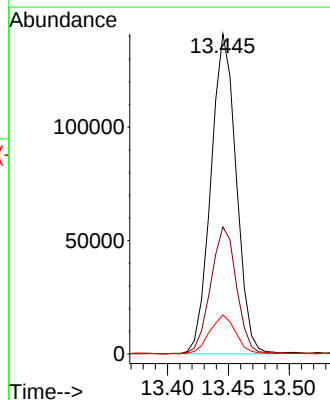
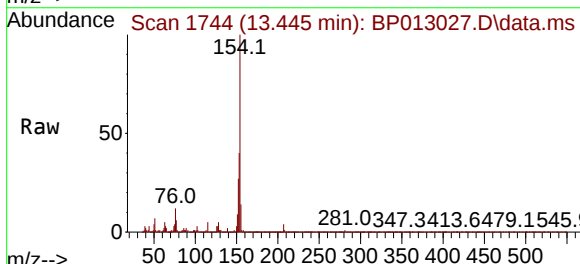
Instrument :
BNA_P
ClientSampleId :
DBXM9DL

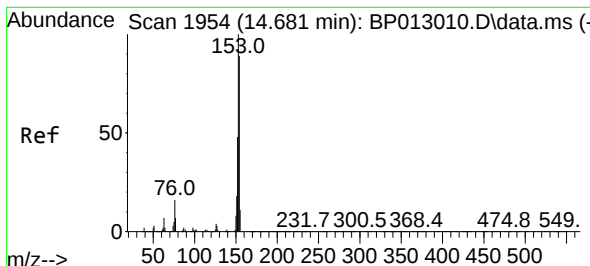
Tgt Ion:142 Resp: 281302
Ion Ratio Lower Upper
142 100
141 88.7 72.7 109.1
116 3.7 2.7 4.1



#43
1,1'-Biphenyl
Concen: 1.380 ng/ul
RT: 13.445 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

Tgt Ion:154 Resp: 204635
Ion Ratio Lower Upper
154 100
153 39.7 31.5 47.3
76 12.2 9.6 14.4





#52

Acenaphthene

Concen: 26.190 ng/ul

RT: 14.675 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BP013027.D

Acq: 09 Dec 2022 20:14

Instrument :

BNA_P

ClientSampleId :

DBXM9DL

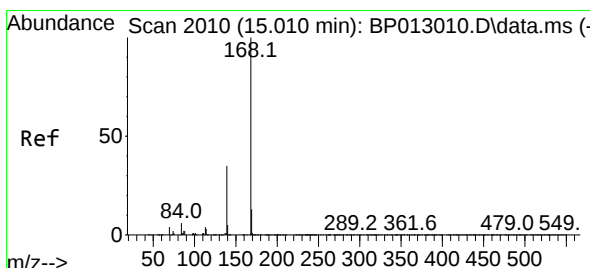
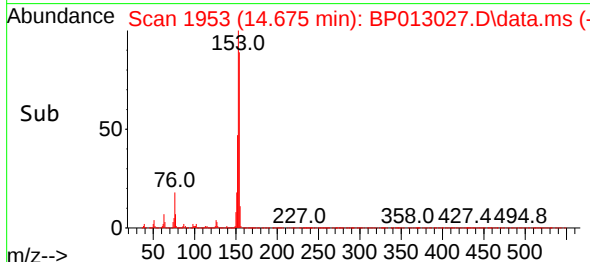
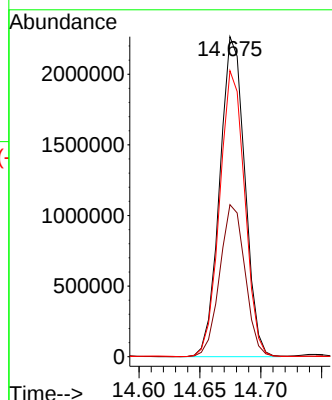
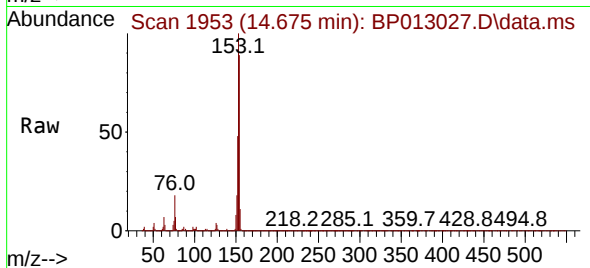
Tgt Ion:153 Resp: 3252995

Ion Ratio Lower Upper

153 100

152 47.5 38.2 57.4

154 89.4 70.8 106.2



#56

Dibenzofuran

Concen: 16.283 ng/ul

RT: 15.010 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP013027.D

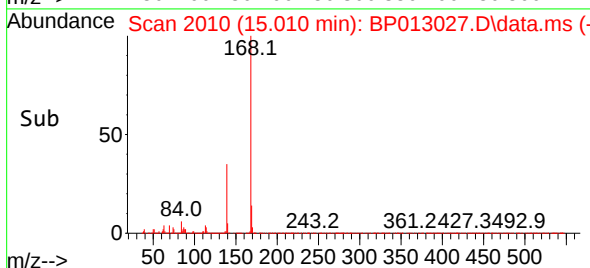
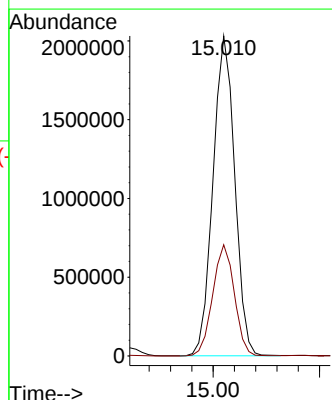
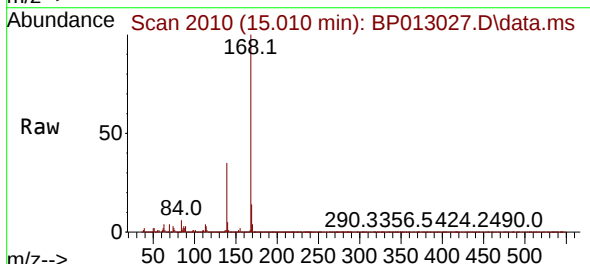
Acq: 09 Dec 2022 20:14

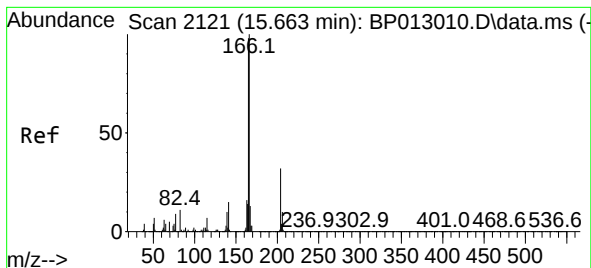
Tgt Ion:168 Resp: 2875546

Ion Ratio Lower Upper

168 100

139 34.8 27.9 41.9





#61

Fluorene

Concen: 28.608 ng/ul

RT: 15.663 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BP013027.D

Acq: 09 Dec 2022 20:14

Instrument :

BNA_P

ClientSampleId :

DBXM9DL

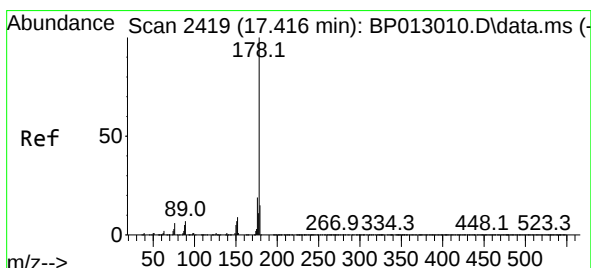
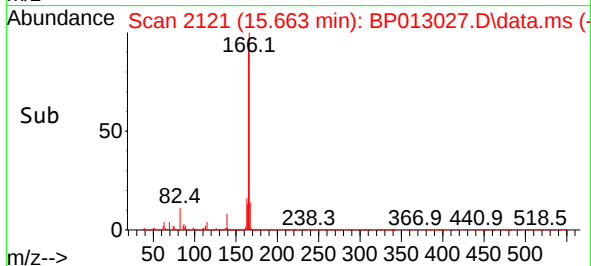
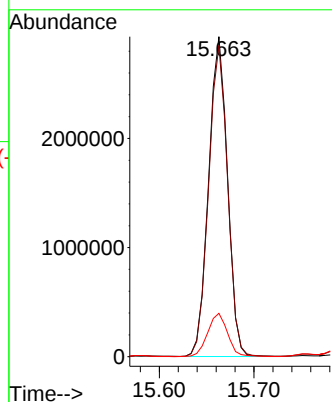
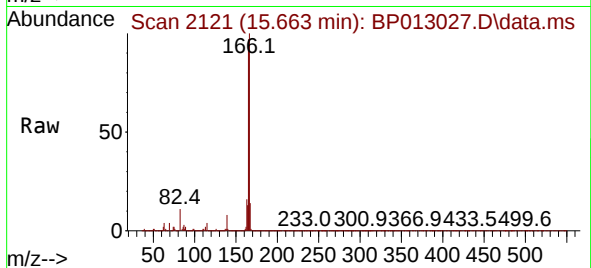
Tgt Ion:166 Resp: 4051750

Ion Ratio Lower Upper

166 100

165 97.3 77.4 116.2

167 13.5 10.6 16.0



#72

Phenanthrene

Concen: 59.190 ng/ul

RT: 17.416 min Scan# 2419

Delta R.T. -0.000 min

Lab File: BP013027.D

Acq: 09 Dec 2022 20:14

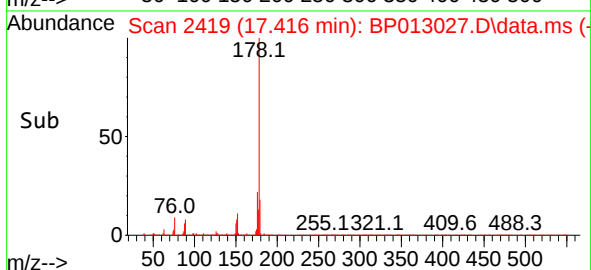
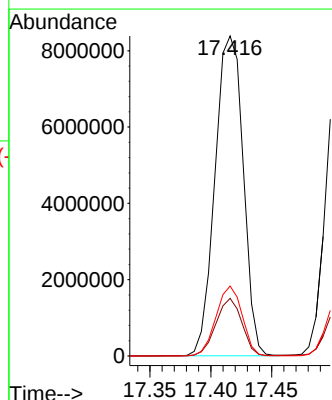
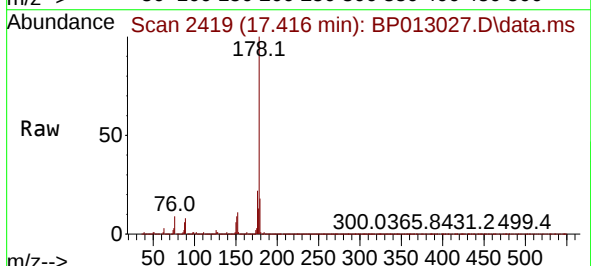
Tgt Ion:178 Resp:13492128

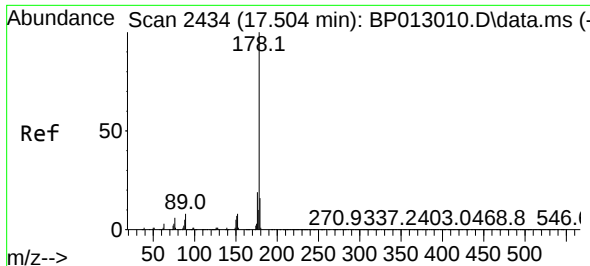
Ion Ratio Lower Upper

178 100

179 18.0 12.5 18.7

176 21.9 15.4 23.0

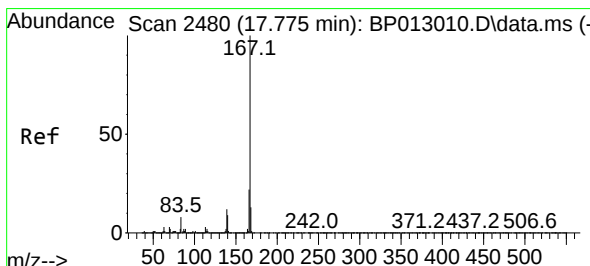
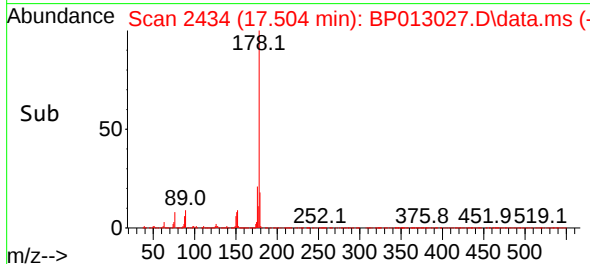
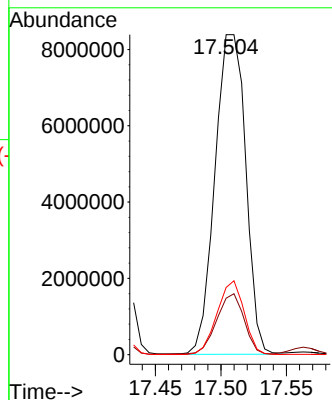
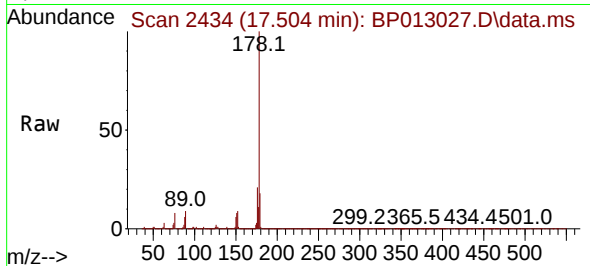




#74
 Anthracene
 Concen: 60.090 ng/ul
 RT: 17.504 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BP013027.D
 Acq: 09 Dec 2022 20:14

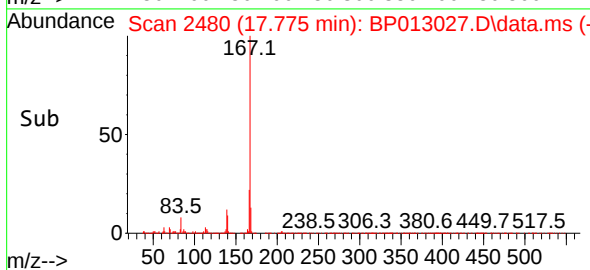
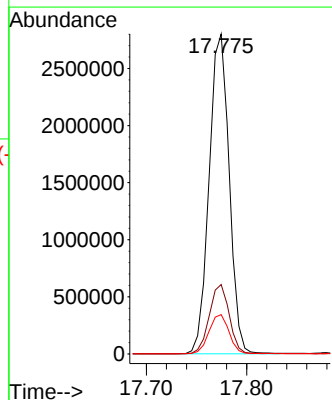
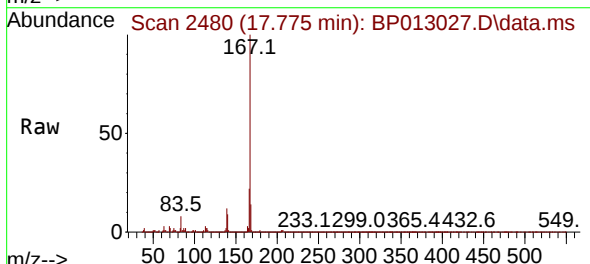
Instrument :
 BNA_P
 ClientSampleId :
 DBXM9DL

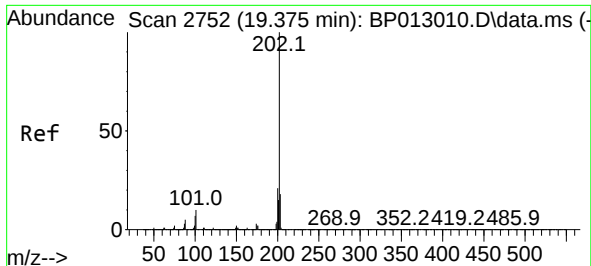
Tgt Ion:178 Resp:13676647
 Ion Ratio Lower Upper
 178 100
 179 17.7 12.5 18.7
 176 21.0 14.8 22.2



#77
 Carbazole
 Concen: 20.285 ng/ul
 RT: 17.775 min Scan# 2480
 Delta R.T. -0.000 min
 Lab File: BP013027.D
 Acq: 09 Dec 2022 20:14

Tgt Ion:167 Resp: 3888175
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.3 9.4 14.2

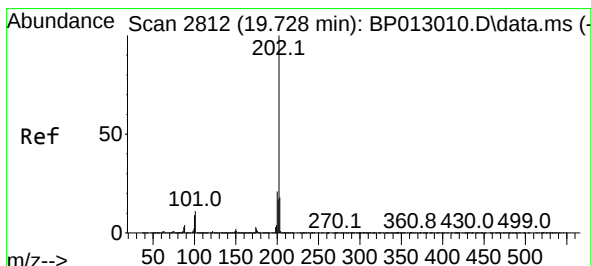
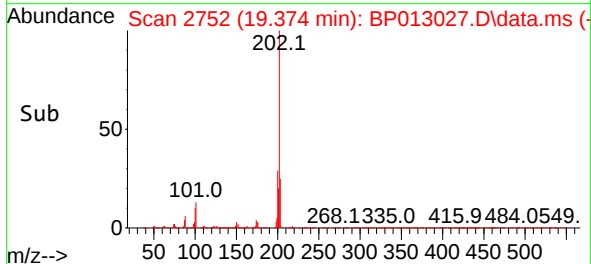
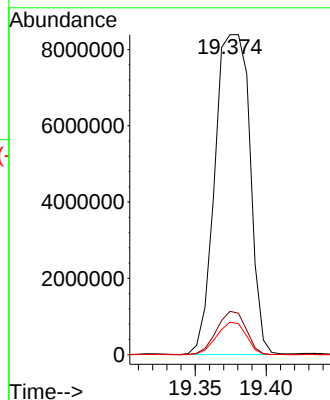
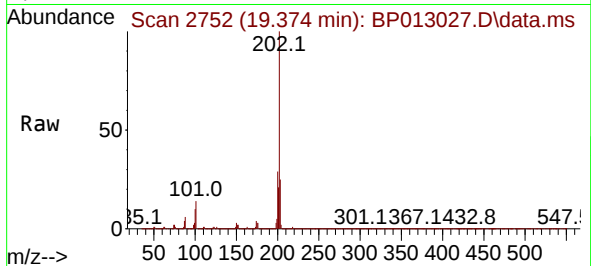




#80
Fluoranthene
Concen: 60.260 ng/u1
RT: 19.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

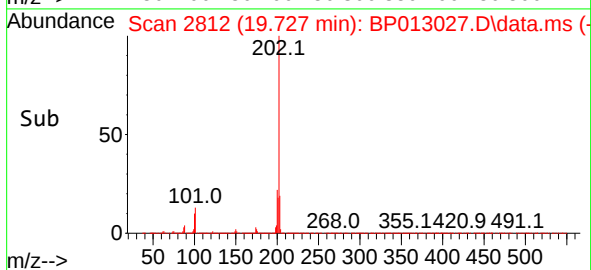
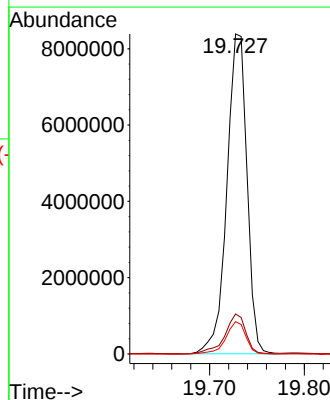
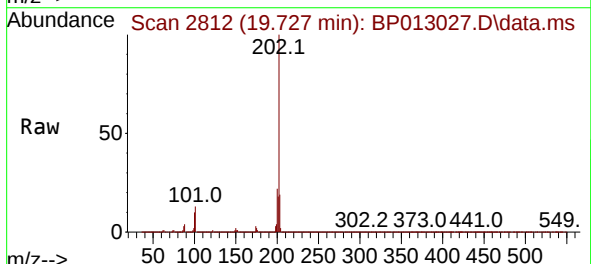
Instrument :
BNA_P
ClientSampleId :
DBXM9DL

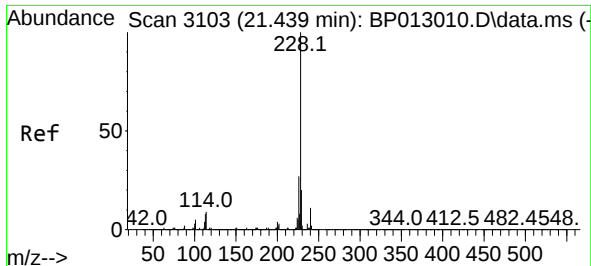
Tgt Ion:202 Resp:14317833
Ion Ratio Lower Upper
202 100
101 13.6 8.2 12.2#
100 10.2 6.1 9.1#



#82
Pyrene
Concen: 50.506 ng/u1
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

Tgt Ion:202 Resp:12378633
Ion Ratio Lower Upper
202 100
101 12.5 9.4 14.2
100 10.1 7.8 11.8

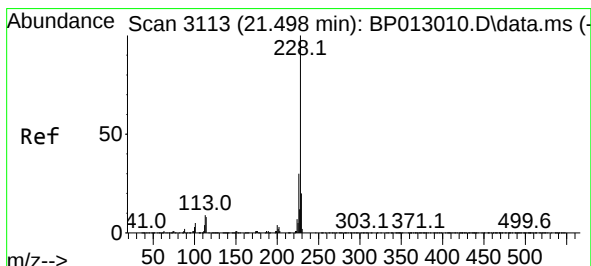
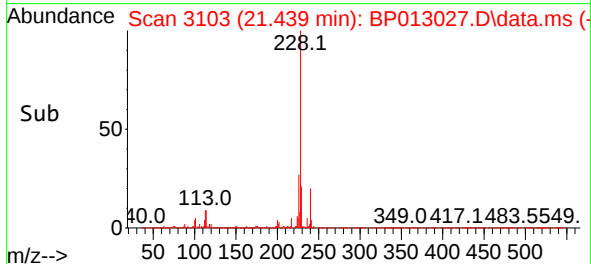
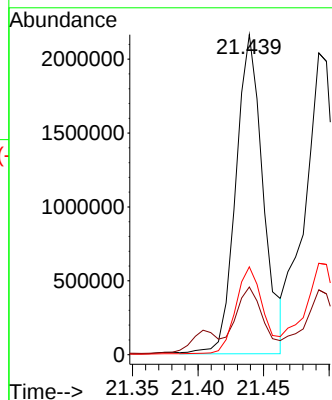
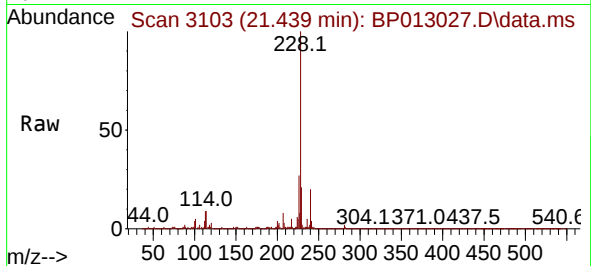




#85
Benzo(a)anthracene
Concen: 12.969 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

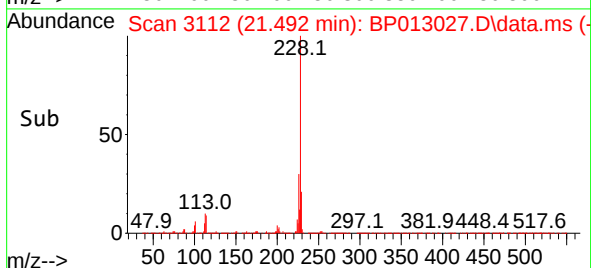
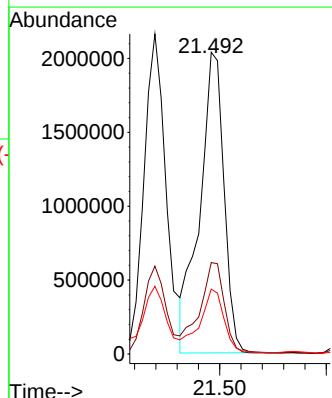
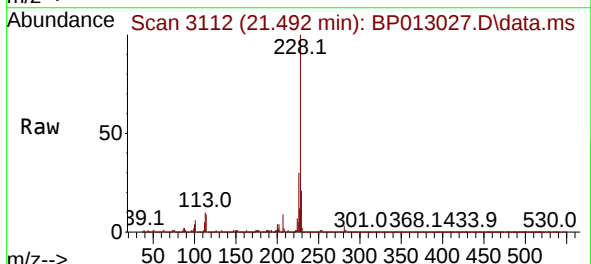
Instrument :
BNA_P
ClientSampleId :
DBXM9DL

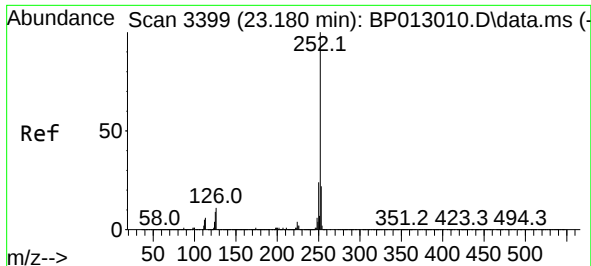
Tgt Ion:228 Resp: 3139894
Ion Ratio Lower Upper
228 100
229 21.2 16.1 24.1
226 27.5 22.0 33.0



#87
Chrysene
Concen: 14.095 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

Tgt Ion:228 Resp: 3227214
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 21.5 16.0 24.0

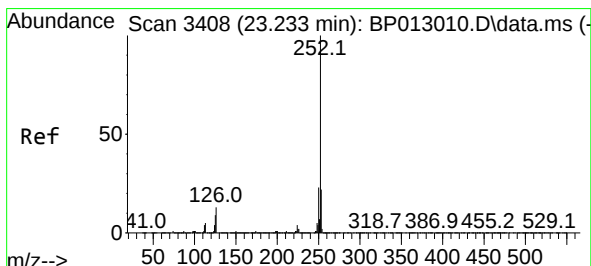
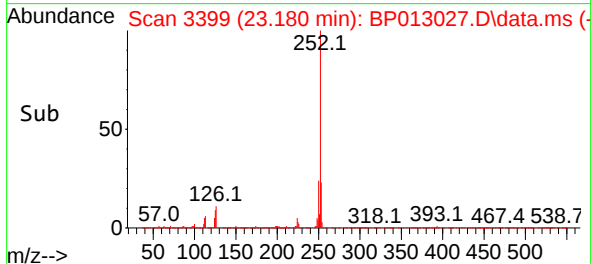
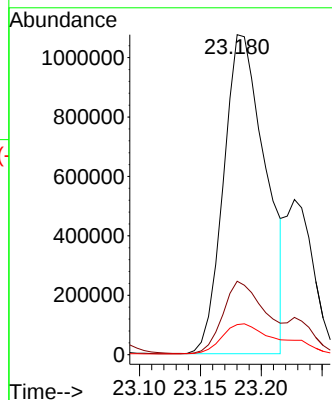
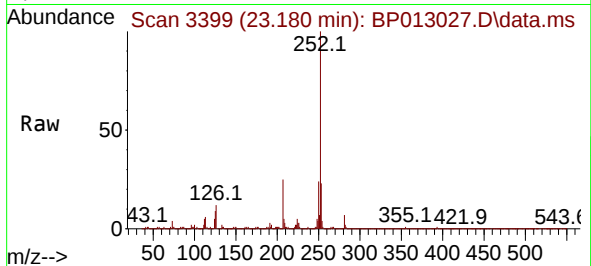




#90
Benzo(b)fluoranthene
Concen: 12.336 ng/ul
RT: 23.180 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

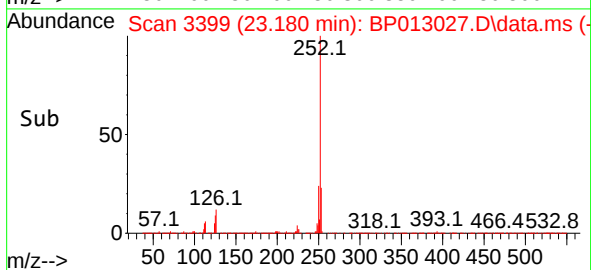
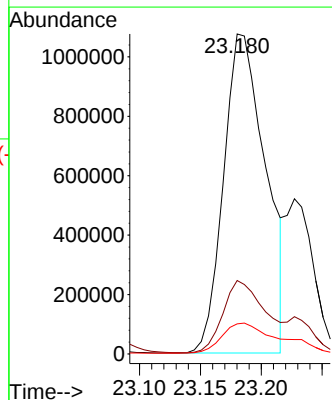
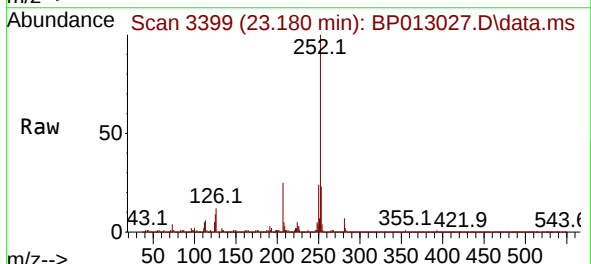
Instrument :
BNA_P
ClientSampleId :
DBXM9DL

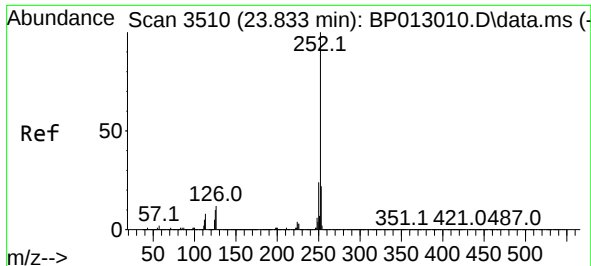
Tgt Ion:252 Resp: 2583306
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.4 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 12.440 ng/ul
RT: 23.180 min Scan# 3399
Delta R.T. -0.053 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

Tgt Ion:252 Resp: 2583306
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.4 6.8 10.2

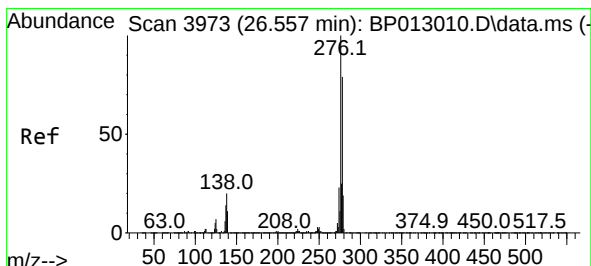
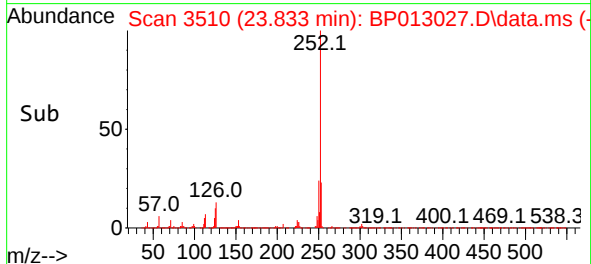
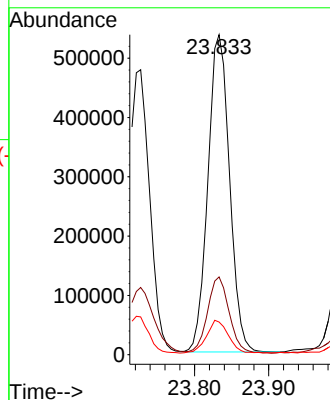
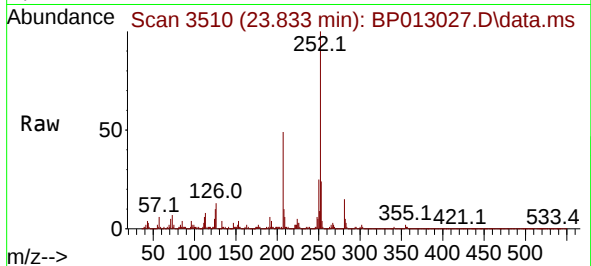




#93
Benzo(a)pyrene
Concen: 5.966 ng/ul
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

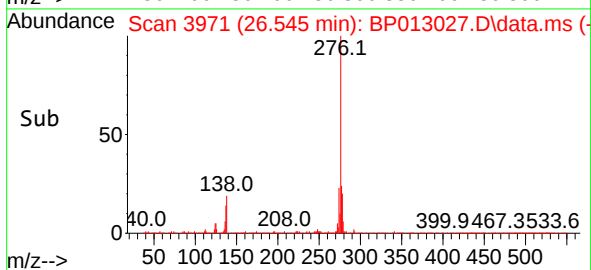
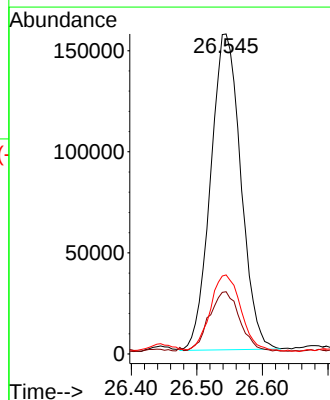
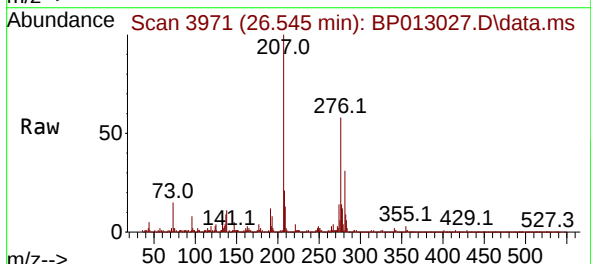
Instrument :
BNA_P
ClientSampleId :
DBXM9DL

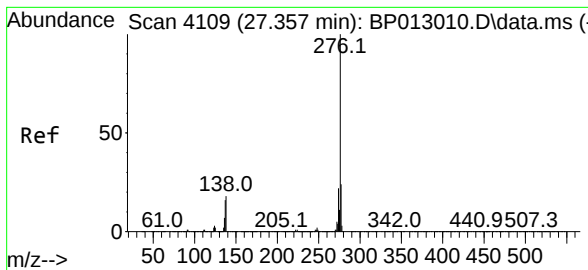
Tgt Ion:252 Resp: 1087887
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 10.2 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.202 ng/ul
RT: 26.545 min Scan# 3971
Delta R.T. -0.012 min
Lab File: BP013027.D
Acq: 09 Dec 2022 20:14

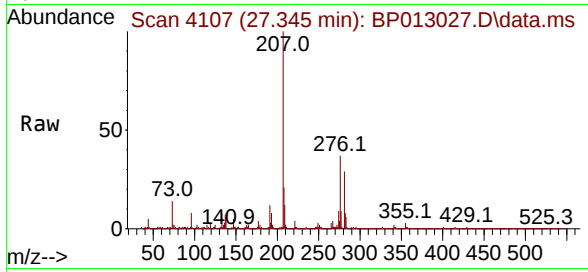
Tgt Ion:276 Resp: 500037
Ion Ratio Lower Upper
276 100
138 19.4 17.1 25.7
277 24.7 20.0 30.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.988 ng/ul
 RT: 27.345 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP013027.D
 Acq: 09 Dec 2022 20:14

Instrument :
 BNA_P
 ClientSampleId :
 DBXM9DL



Tgt Ion:	276	Resp:	362443
Ion	Ratio	Lower	Upper
276	100		
138	20.6	15.4	23.2
277	25.2	19.1	28.7

