

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013025.D
 Acq On : 09 Dec 2022 19:06
 Operator : CG/JU
 Sample : N5896-18 10X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXN6

Quant Time: Dec 09 21:58:25 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)

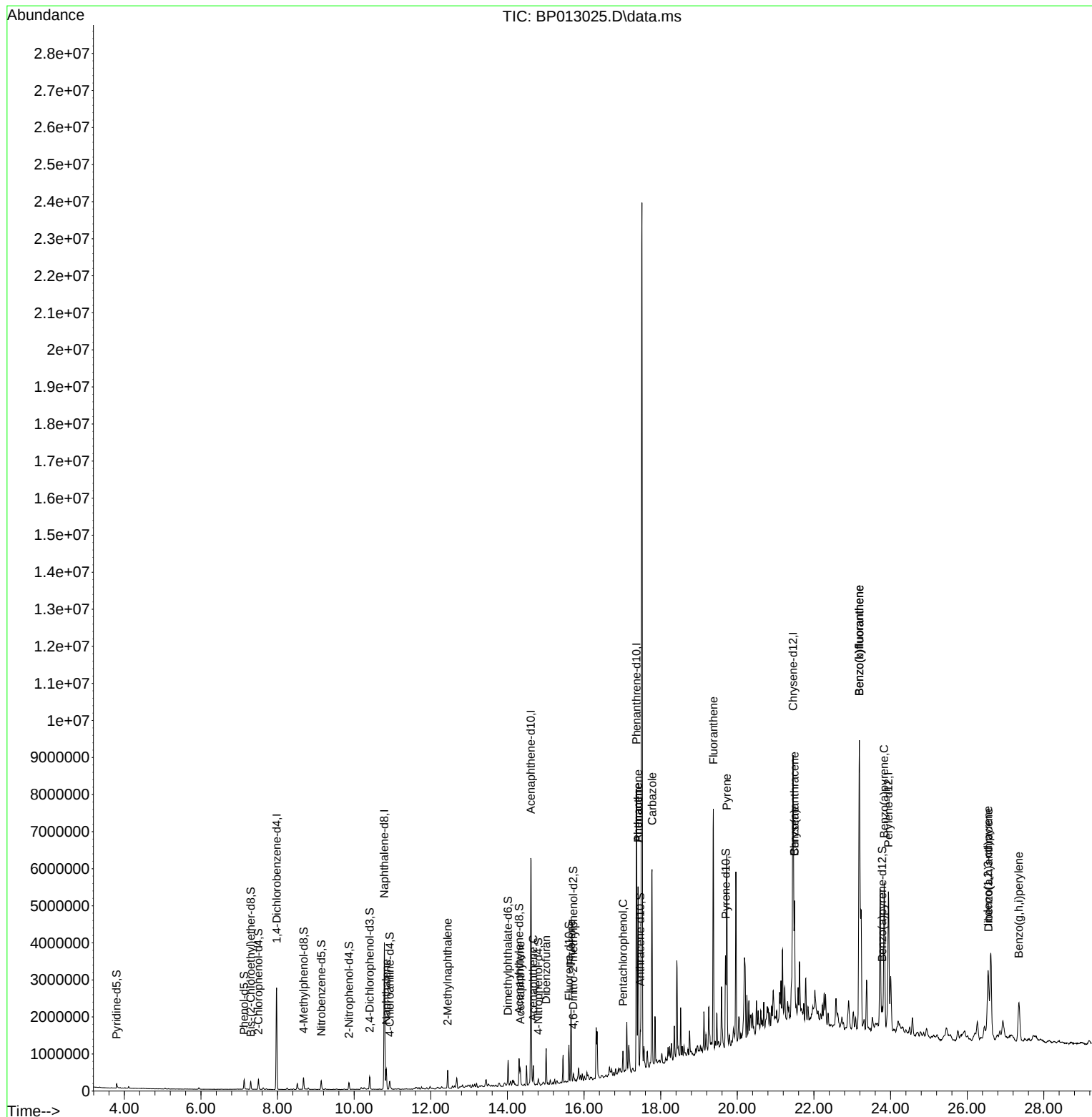
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	771569	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	3345521	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	2207286	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4675695	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3042652	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	3065796	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7084	0.393	ng/uL	0.00
4) Pyridine-d5	3.799	84	68800	1.342	ng/ul	0.01
7) Phenol-d5	7.128	99	150762	2.399	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	92701	2.445	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	127721	2.582	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	125678	2.441	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	56128	2.283	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	61508	2.223	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	136403	2.538	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	118294	1.559	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	455070	2.683	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	480813	2.579	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	38487	1.261	ng/ul	0.00
60) Fluorene-d10	15.604	176	395859	2.758	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	44404	1.476	ng/ul	0.00
73) Anthracene-d10	17.469	188	607316	2.879	ng/ul	0.00
81) Pyrene-d10	19.698	212	632982	3.624	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	417906	2.735	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.840	128	446660	2.553	ng/ul	100
36) 2-Methylnaphthalene	12.440	142	210183	1.751	ng/ul	98
50) Acenaphthylene	14.334	152	334939	1.671	ng/ul	99
52) Acenaphthene	14.675	153	210594	1.516	ng/ul	98
56) Dibenzofuran	15.010	168	608068	3.080	ng/ul	99
61) Fluorene	15.663	166	910051	5.747	ng/ul	100
71) Pentachlorophenol	17.016	266	67885	1.859	ng/ul	97
72) Phenanthrene	17.410	178	3015694	12.383	ng/ul	100
74) Anthracene	17.410	178	3015694	12.401	ng/ul	99
77) Carbazole	17.775	167	3314266	16.184	ng/ul	99
80) Fluoranthene	19.375	202	3805629	19.199	ng/ul	99
82) Pyrene	19.727	202	3189250	15.597	ng/ul	99
85) Benzo(a)anthracene	21.492	228	1467411	7.265	ng/ul	94
87) Chrysene	21.492	228	1464298	7.666	ng/ul	97
90) Benzo(b)fluoranthene	23.186	252	6787386	34.718	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	6787386	35.012	ng/ul	99
93) Benzo(a)pyrene	23.833	252	3113625	18.291	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.545	276	2087074	9.843	ng/ul	98
95) Dibenzo(a,h)anthracene	26.556	278	532027	3.031	ng/ul#	83
96) Benzo(g,h,i)perylene	27.351	276	1526208	8.966	ng/ul	100

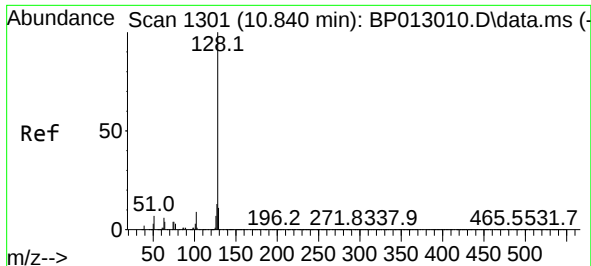
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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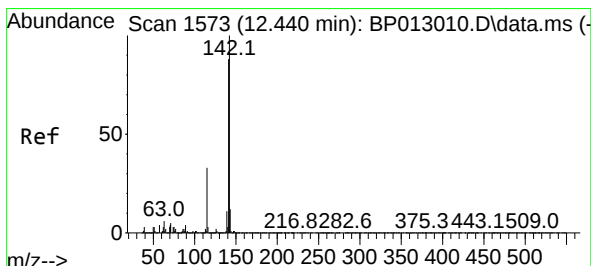
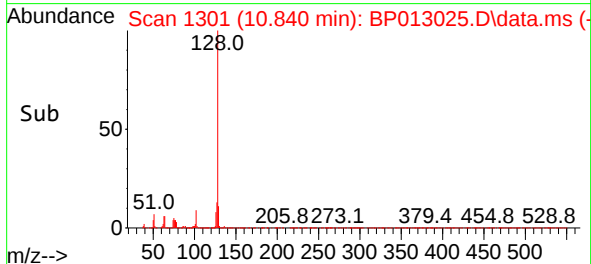
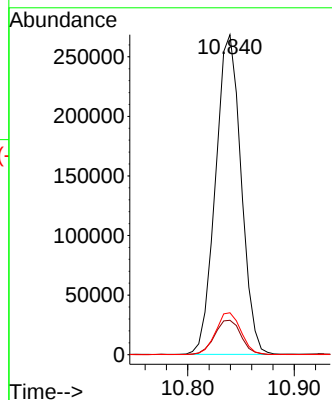
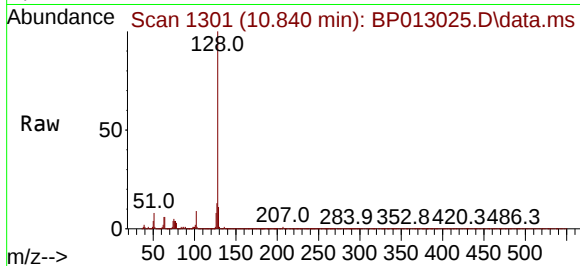




#30
Naphthalene
Concen: 2.553 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

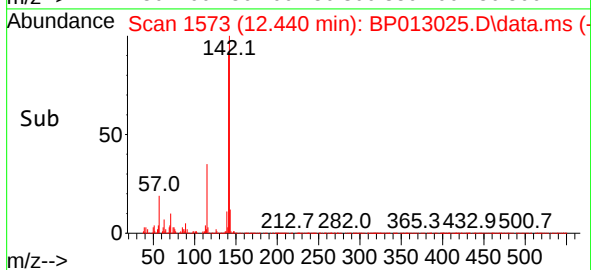
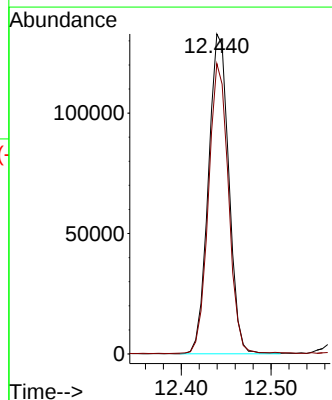
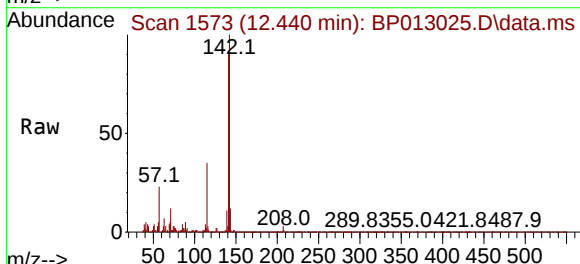
Instrument :
BNA_P
ClientSampleId :
DBXN6

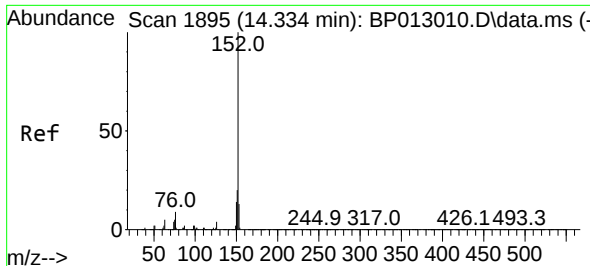
Tgt Ion:128 Resp: 446660
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.4 15.6



#36
2-Methylnaphthalene
Concen: 1.751 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

Tgt Ion:142 Resp: 210183
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2

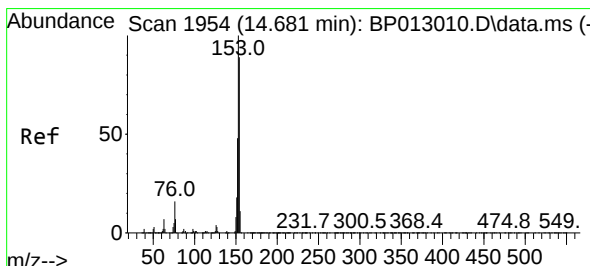
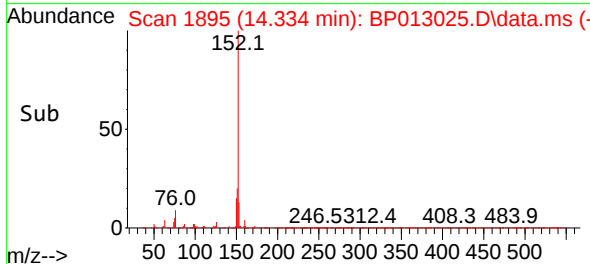
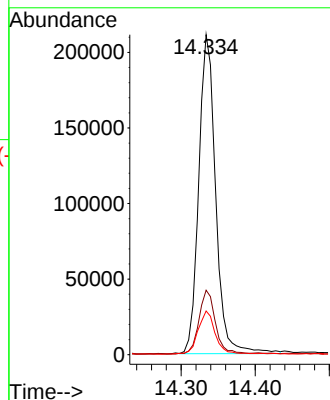
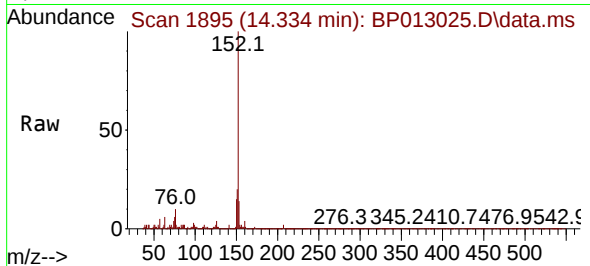




#50
Acenaphthylene
Concen: 1.671 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

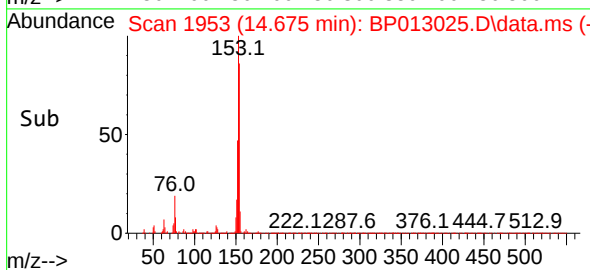
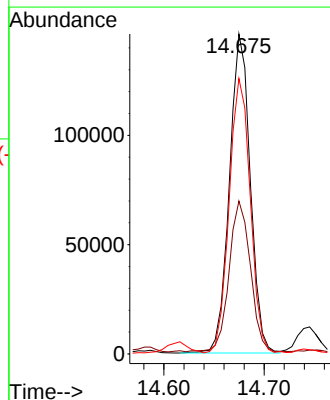
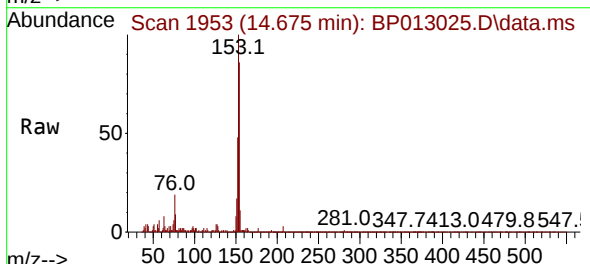
Instrument :
BNA_P
ClientSampleId :
DBXN6

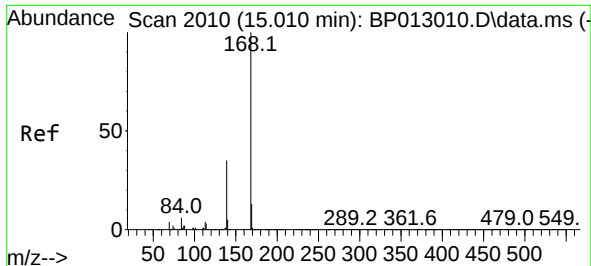
Tgt Ion:152 Resp: 334939
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.7 10.6 16.0



#52
Acenaphthene
Concen: 1.516 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

Tgt Ion:153 Resp: 210594
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 86.1 70.8 106.2

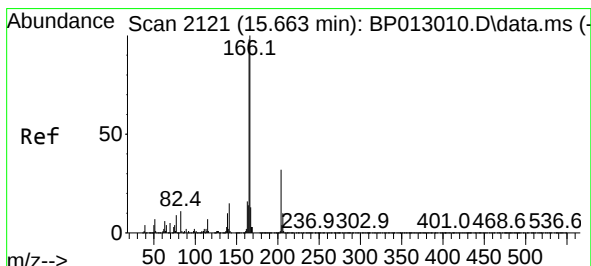
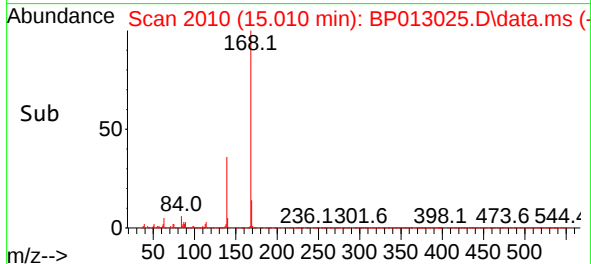
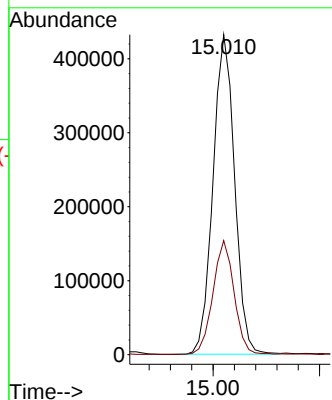
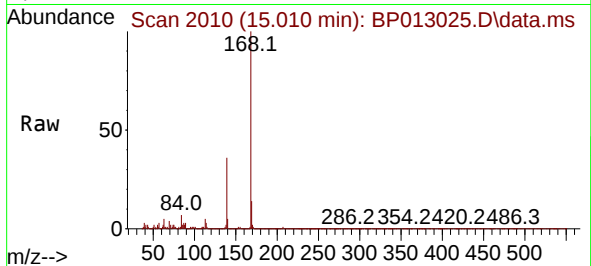




#56
Dibenzenofuran
Concen: 3.080 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

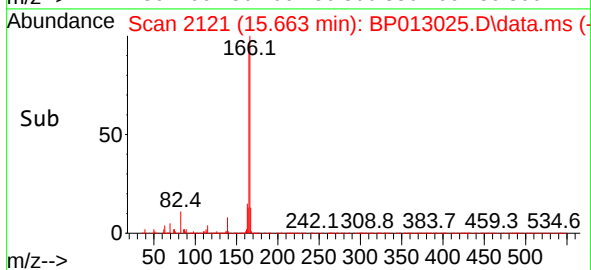
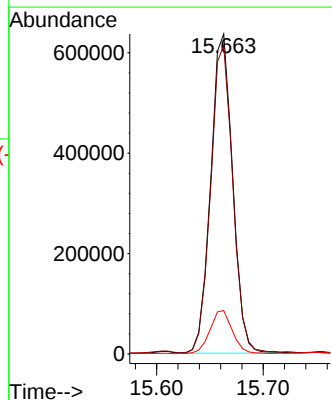
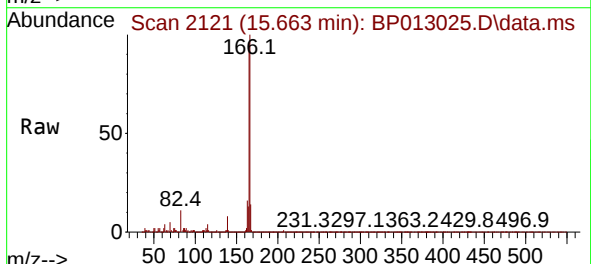
Instrument :
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ClientSampleId :
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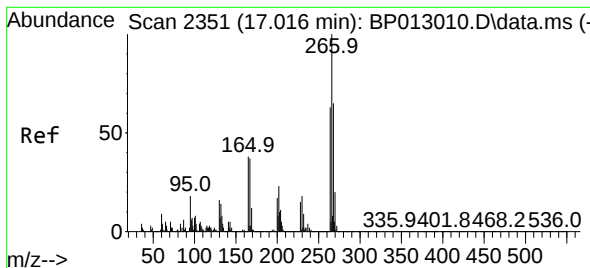
Tgt Ion:168 Resp: 608068
Ion Ratio Lower Upper
168 100
139 35.7 27.9 41.9



#61
Fluorene
Concen: 5.747 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

Tgt Ion:166 Resp: 910051
Ion Ratio Lower Upper
166 100
165 96.5 77.4 116.2
167 13.6 10.6 16.0





#71

Pentachlorophenol

Concen: 1.859 ng/ul

RT: 17.016 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013025.D

Acq: 09 Dec 2022 19:06

Instrument :

BNA_P

ClientSampleId :

DBXN6

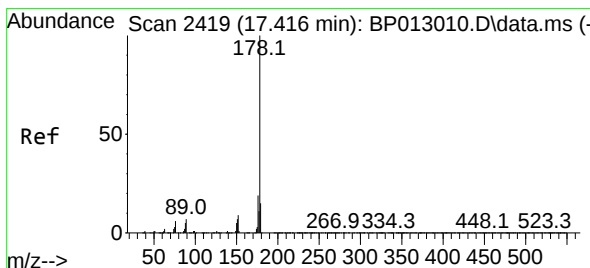
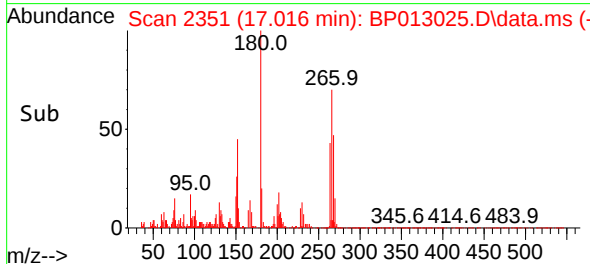
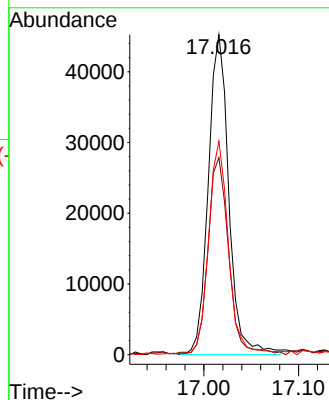
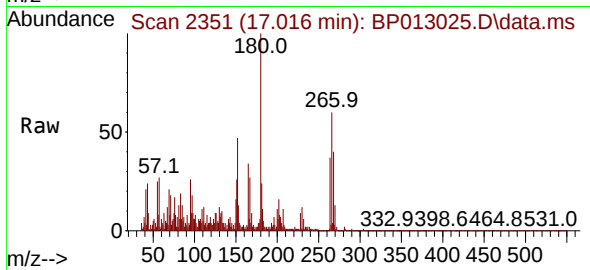
Tgt Ion:266 Resp: 67885

Ion Ratio Lower Upper

266 100

264 61.6 50.9 76.3

268 66.7 51.4 77.2



#72

Phenanthrene

Concen: 12.383 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP013025.D

Acq: 09 Dec 2022 19:06

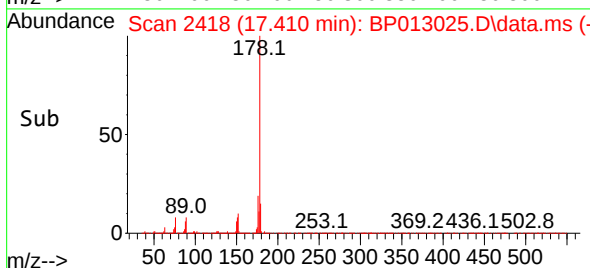
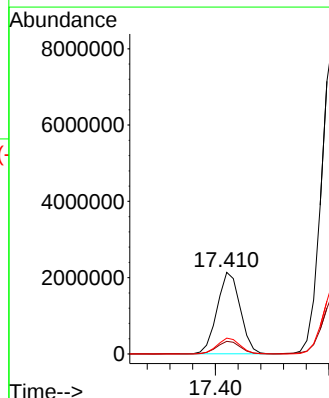
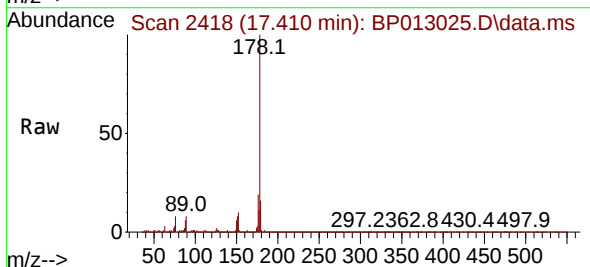
Tgt Ion:178 Resp: 3015694

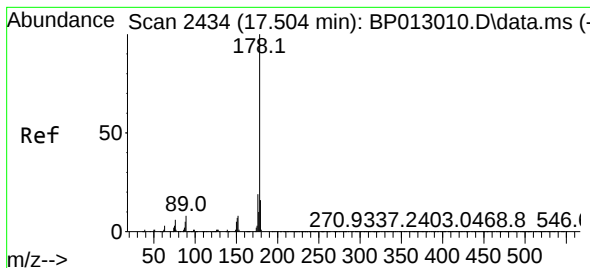
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.3 15.4 23.0





#74

Anthracene

Concen: 12.401 ng/ul

RT: 17.410 min Scan# 2434

Delta R.T. -0.100 min

Lab File: BP013025.D

Acq: 09 Dec 2022 19:06

Instrument :

BNA_P

ClientSampleId :

DBXN6

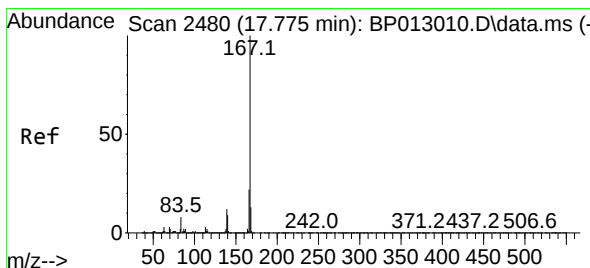
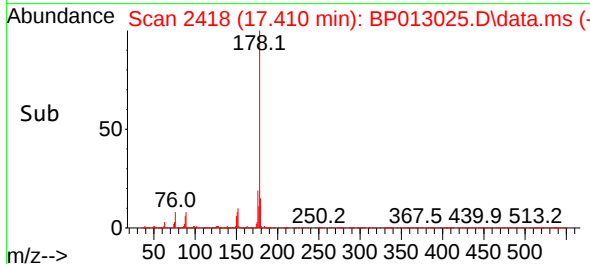
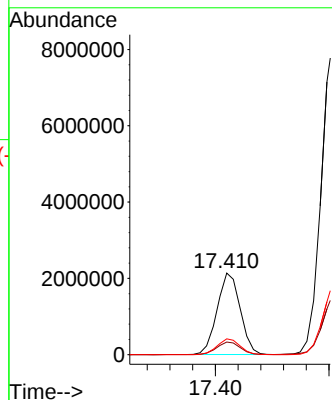
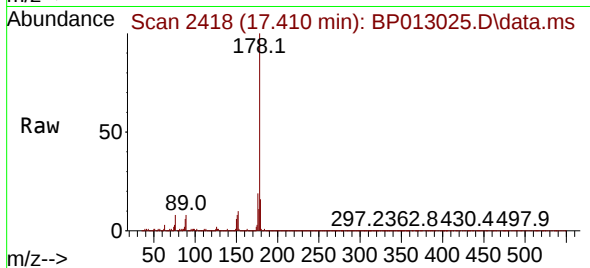
Tgt Ion:178 Resp: 3015694

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.3 14.8 22.2



#77

Carbazole

Concen: 16.184 ng/ul

RT: 17.775 min Scan# 2480

Delta R.T. 0.000 min

Lab File: BP013025.D

Acq: 09 Dec 2022 19:06

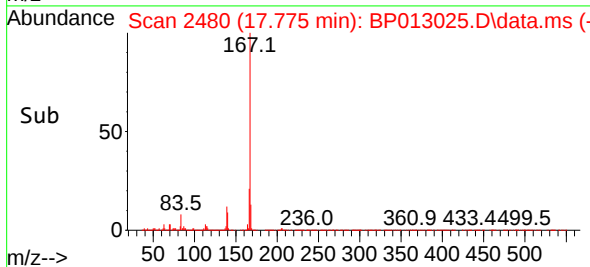
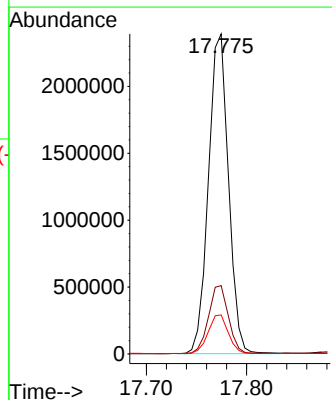
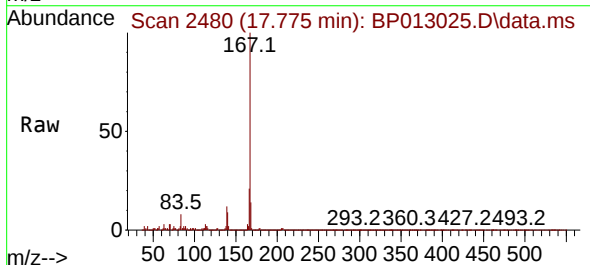
Tgt Ion:167 Resp: 3314266

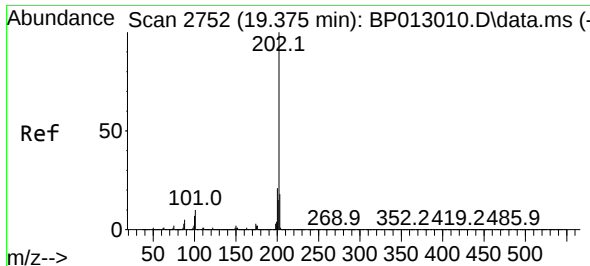
Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.2 9.4 14.2

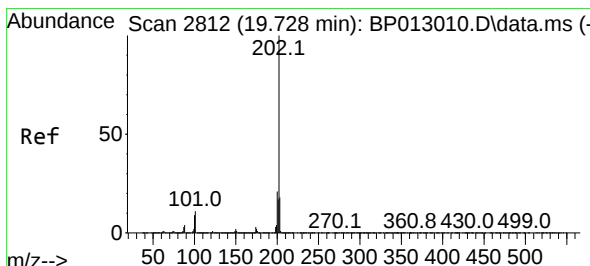
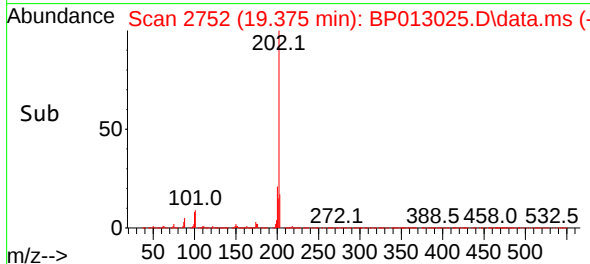
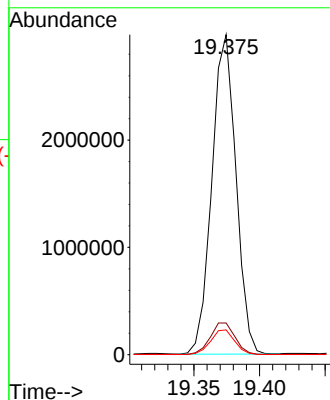
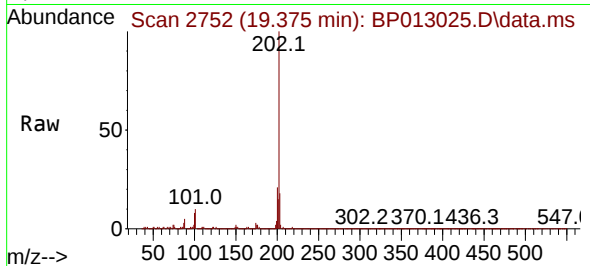




#80
Fluoranthene
Concen: 19.199 ng/u1
RT: 19.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

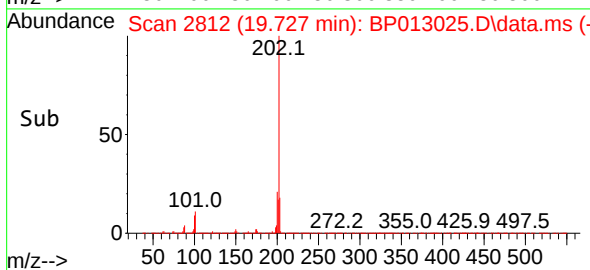
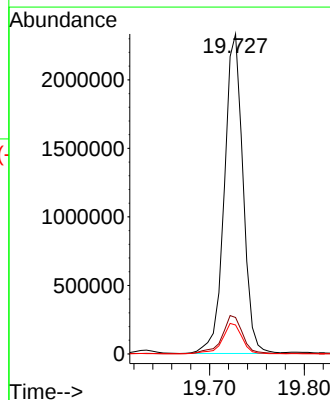
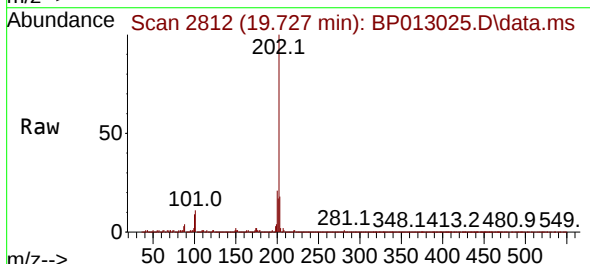
Instrument :
BNA_P
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DBXN6

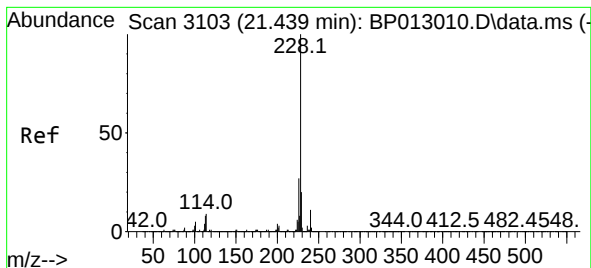
Tgt Ion:202 Resp: 3805629
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.2
100 7.8 6.1 9.1



#82
Pyrene
Concen: 15.597 ng/u1
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

Tgt Ion:202 Resp: 3189250
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.2
100 9.1 7.8 11.8





#85

Benzo(a)anthracene

Concen: 7.265 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. 0.053 min

Lab File: BP013025.D

Acq: 09 Dec 2022 19:06

Instrument :

BNA_P

ClientSampleId :

DBXN6

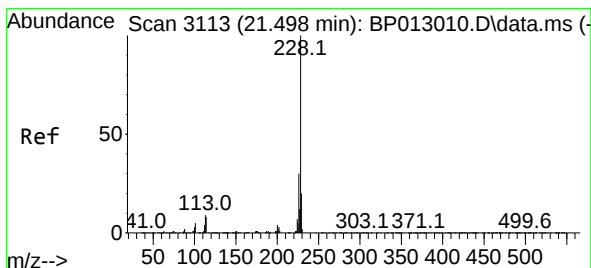
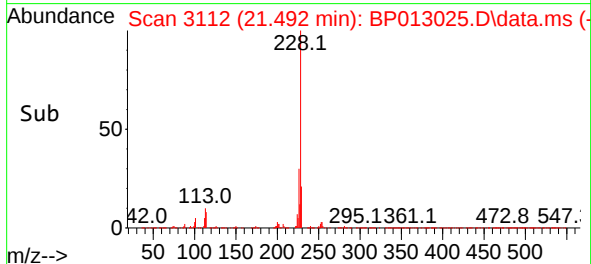
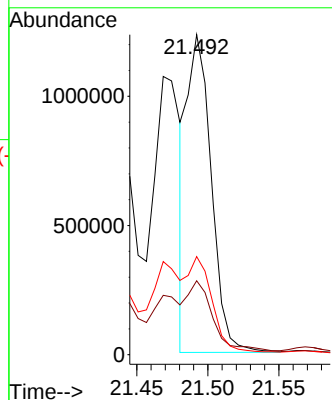
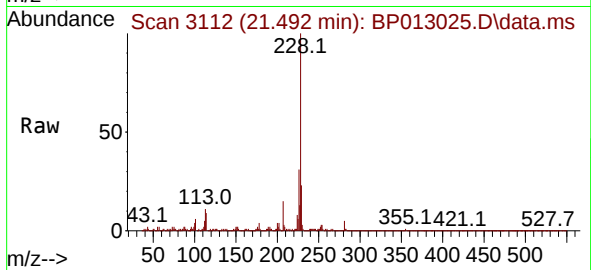
Tgt Ion:228 Resp: 1467411

Ion Ratio Lower Upper

228 100

229 23.1 16.1 24.1

226 30.7 22.0 33.0



#87

Chrysene

Concen: 7.666 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP013025.D

Acq: 09 Dec 2022 19:06

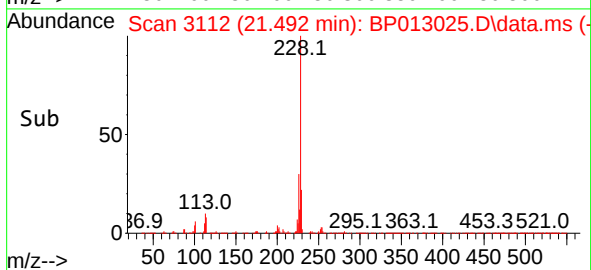
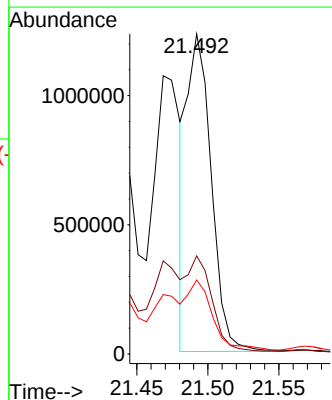
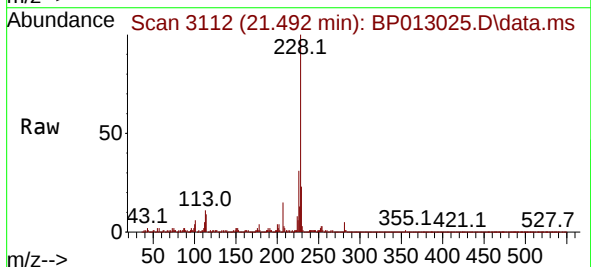
Tgt Ion:228 Resp: 1464298

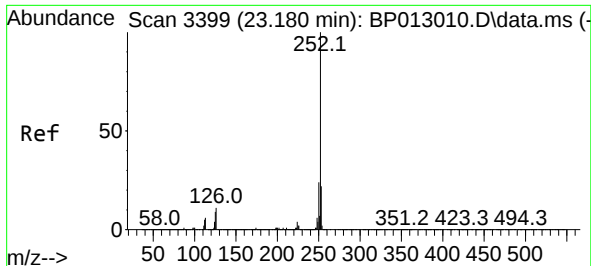
Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 23.1 16.0 24.0

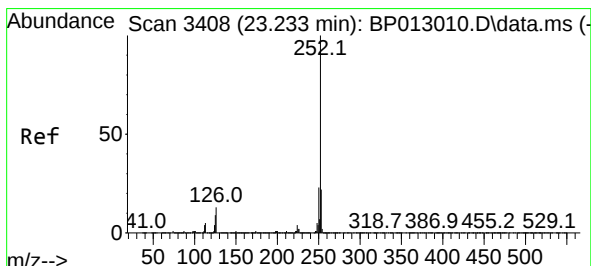
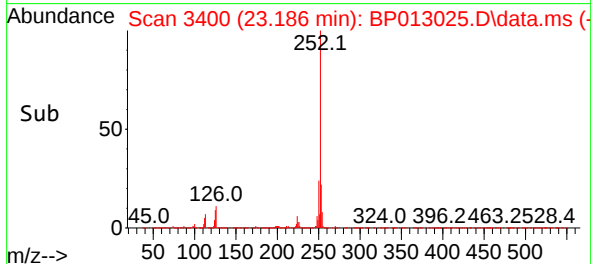
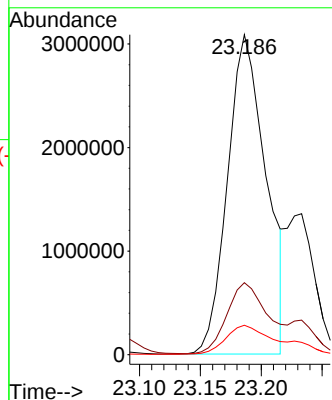
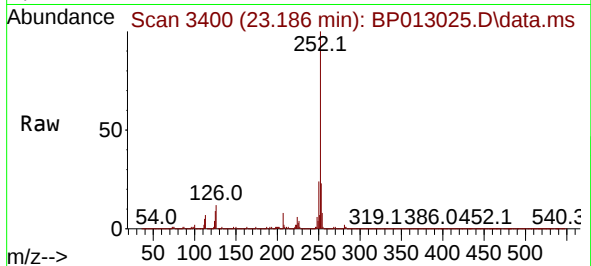




#90
Benzo(b)fluoranthene
Concen: 34.718 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

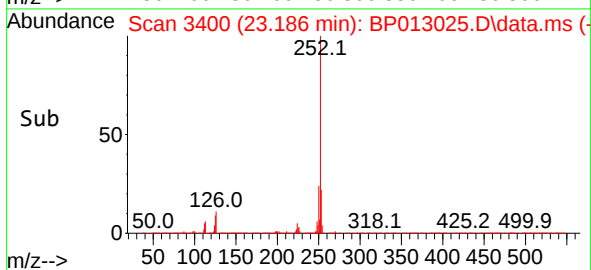
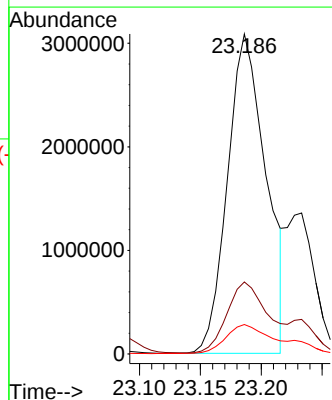
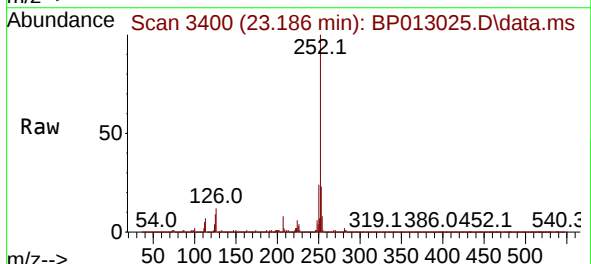
Instrument :
BNA_P
ClientSampleId :
DBXN6

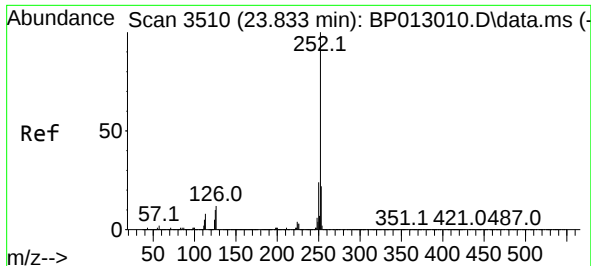
Tgt Ion:252 Resp: 6787386
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.2 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 35.012 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. -0.047 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

Tgt Ion:252 Resp: 6787386
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.2 6.8 10.2

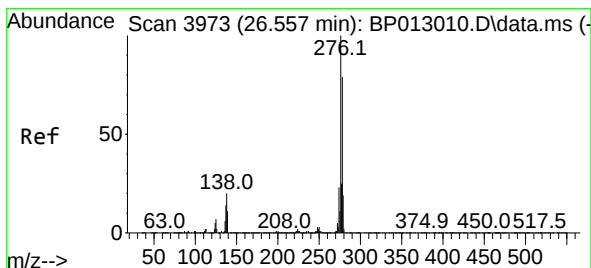
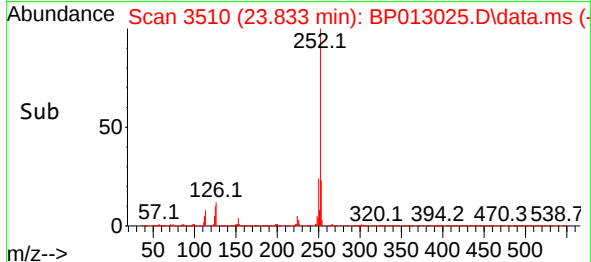
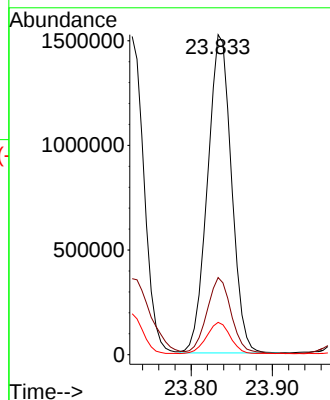
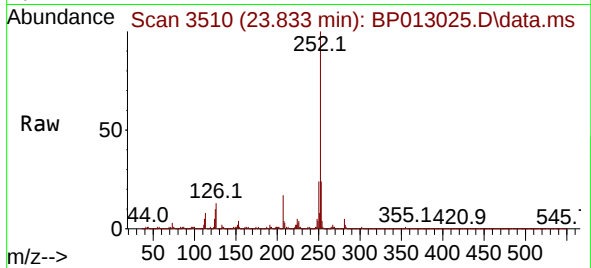




#93
Benzo(a)pyrene
Concen: 18.291 ng/ul
RT: 23.833 min Scan# 3113625
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

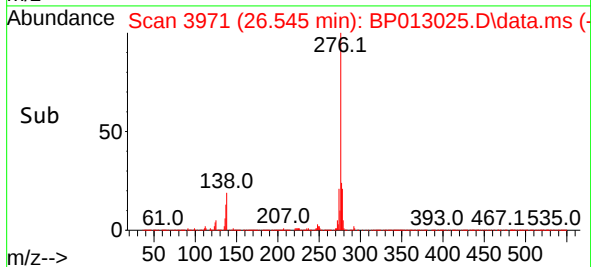
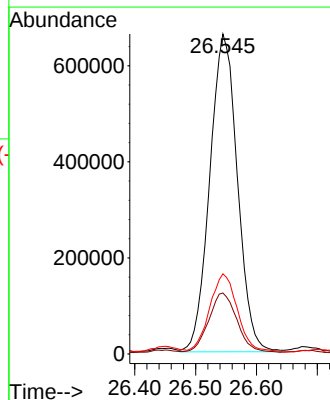
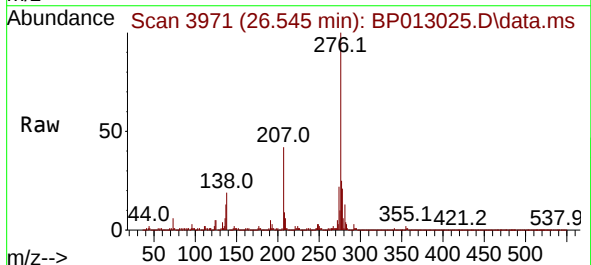
Instrument :
BNA_P
ClientSampleId :
DBXN6

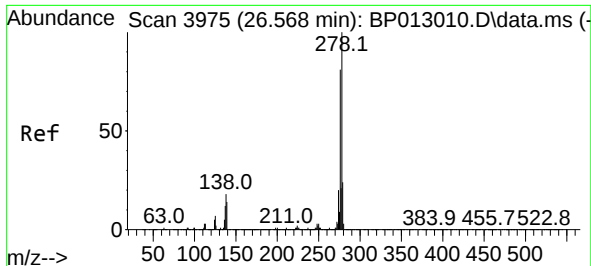
Tgt Ion:252 Resp: 3113625
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 10.1 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 9.843 ng/ul
RT: 26.545 min Scan# 3971
Delta R.T. -0.012 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

Tgt Ion:276 Resp: 2087074
Ion Ratio Lower Upper
276 100
138 19.0 17.1 25.7
277 25.0 20.0 30.0

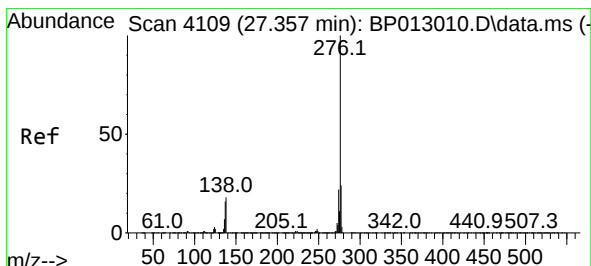
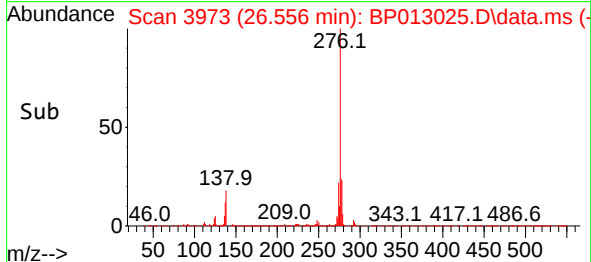
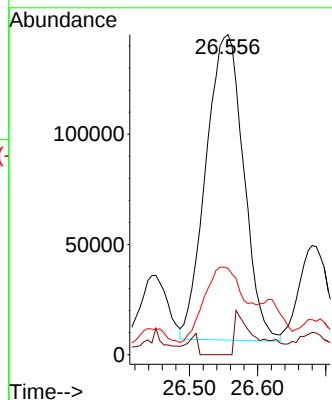
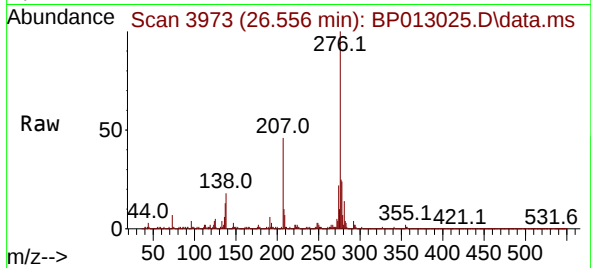




#95
 Dibenzo(a,h)anthracene
 Concen: 3.031 ng/ul
 RT: 26.556 min Scan# 3973
 Delta R.T. -0.012 min
 Lab File: BP013025.D
 Acq: 09 Dec 2022 19:06

Instrument :
 BNA_P
 ClientSampleId :
 DBXN6

Tgt Ion:278 Resp: 532027
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.1 16.7#
 279 27.0 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 8.966 ng/ul
 RT: 27.351 min Scan# 4108
 Delta R.T. 0.000 min
 Lab File: BP013025.D
 Acq: 09 Dec 2022 19:06

Tgt Ion:276 Resp: 1526208
 Ion Ratio Lower Upper
 276 100
 138 19.3 15.4 23.2
 277 24.1 19.1 28.7

