

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013024.D
 Acq On : 09 Dec 2022 18:32
 Operator : CG/JU
 Sample : N5896-17 10X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXN5

Quant Time: Dec 09 21:57:56 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)

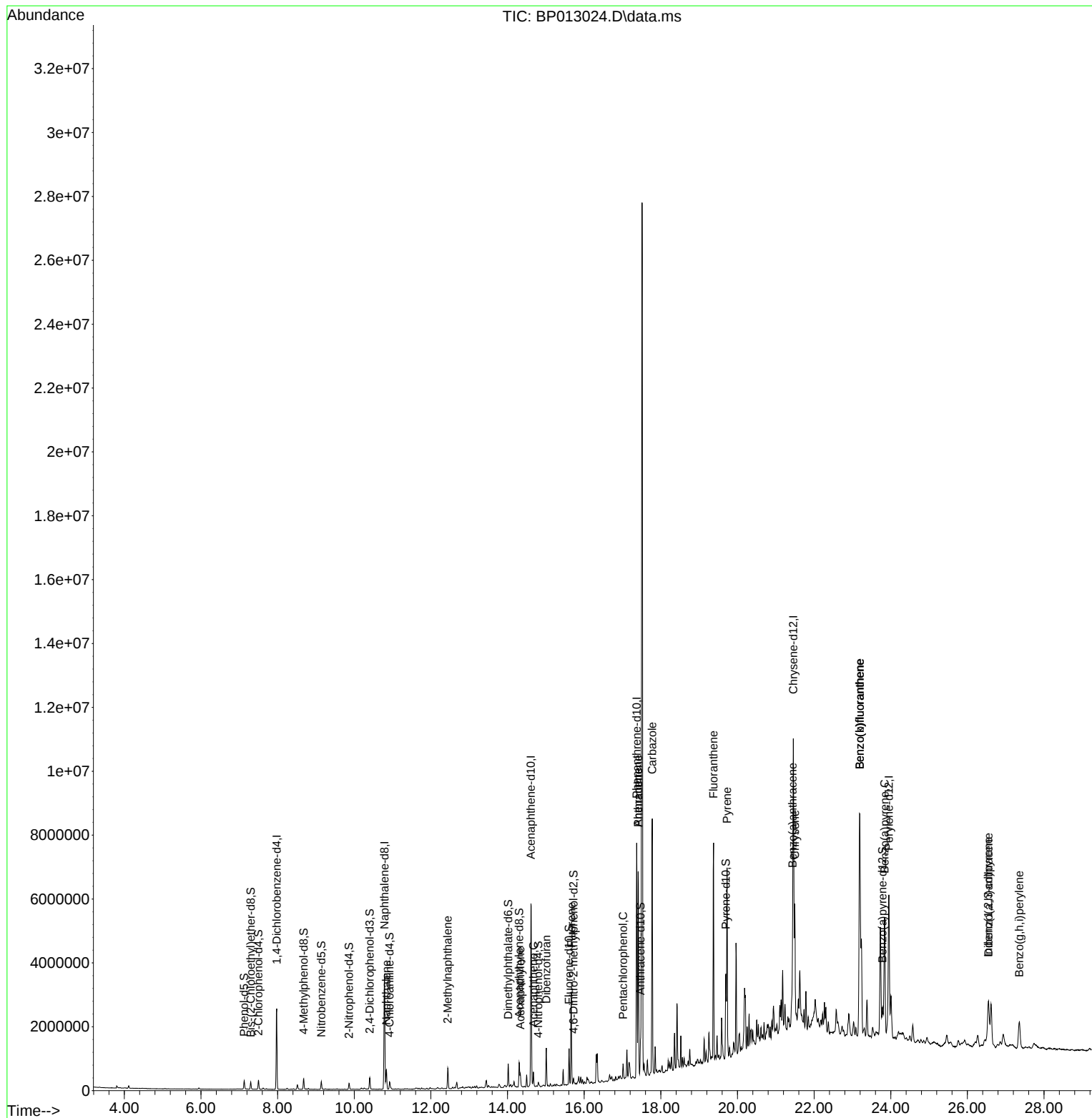
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	704879	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	3049263	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	2042374	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4591087	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3933285	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	3612802	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7154	0.434	ng/uL	0.00
4) Pyridine-d5	3.781	84	438	0.009	ng/u1	0.00
7) Phenol-d5	7.128	99	154806	2.696	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	95503	2.757	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	127591	2.823	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	130968	2.784	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	58458	2.609	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	64092	2.541	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	138162	2.820	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	129391	1.871	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	473971	3.020	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	517802	3.002	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	34336	1.216	ng/u1	0.00
60) Fluorene-d10	15.604	176	431355	3.248	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	41358	1.400	ng/u1	0.00
73) Anthracene-d10	17.469	188	706295	3.410	ng/u1	0.00
81) Pyrene-d10	19.698	212	820344	3.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	587556	3.263	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	507453	3.182	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	296660	2.712	ng/u1	98
50) Acenaphthylene	14.334	152	297792	1.606	ng/u1	98
52) Acenaphthene	14.675	153	178939	1.393	ng/u1	99
56) Dibenzofuran	15.010	168	773428	4.233	ng/u1	99
61) Fluorene	15.663	166	1335327	9.114	ng/u1	99
71) Pentachlorophenol	17.016	266	53607	1.495	ng/u1	96
72) Phenanthrene	17.410	178	3982428	16.654	ng/u1	100
74) Anthracene	17.410	178	3982428	16.679	ng/u1	99
77) Carbazole	17.775	167	4955091	24.642	ng/u1	100
80) Fluoranthene	19.375	202	3953774	15.430	ng/u1	100
82) Pyrene	19.727	202	3471786	13.134	ng/u1	100
85) Benzo(a)anthracene	21.439	228	1427217	5.466	ng/u1	95
87) Chrysene	21.498	228	2014709	8.159	ng/u1	98
90) Benzo(b)fluoranthene	23.192	252	6676315	28.980	ng/u1	98
91) Benzo(k)fluoranthene	23.192	252	6676315	29.225	ng/u1	98
93) Benzo(a)pyrene	23.839	252	2796783	13.942	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.545	276	1586146	6.348	ng/u1	97
95) Dibenzo(a,h)anthracene	26.551	278	414109	2.002	ng/u1#	83
96) Benzo(g,h,i)perylene	27.356	276	1213262	6.048	ng/u1	99

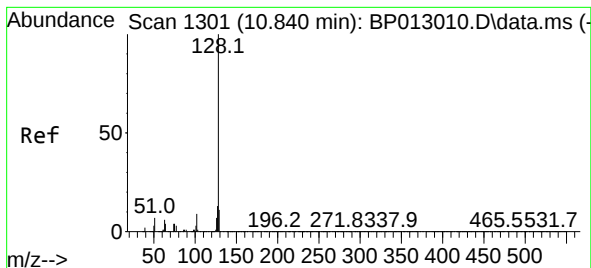
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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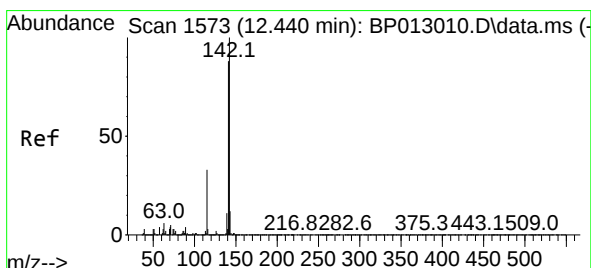
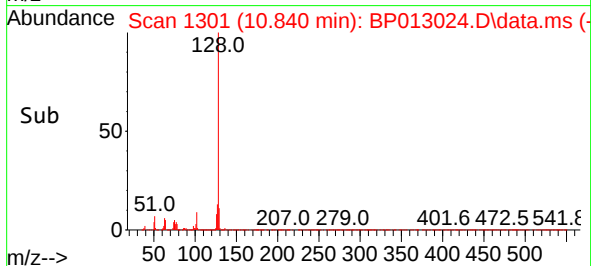
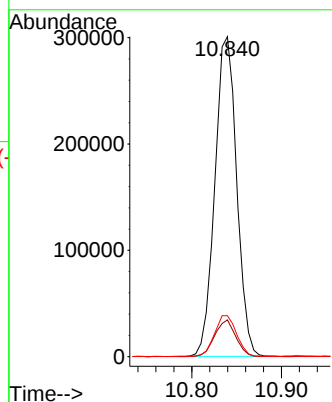
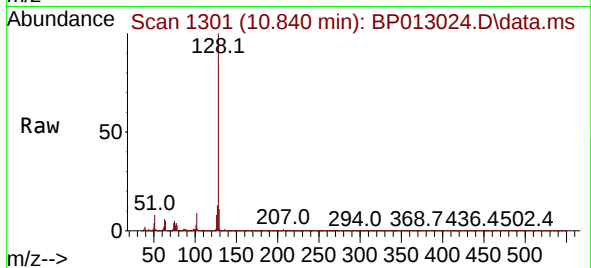




#30
Naphthalene
Concen: 3.182 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

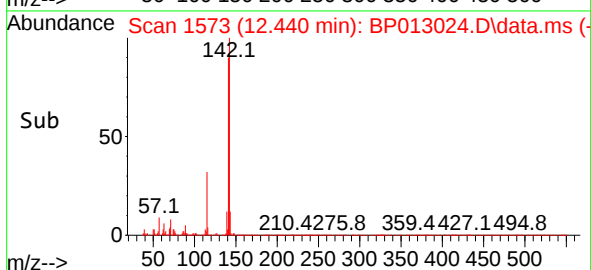
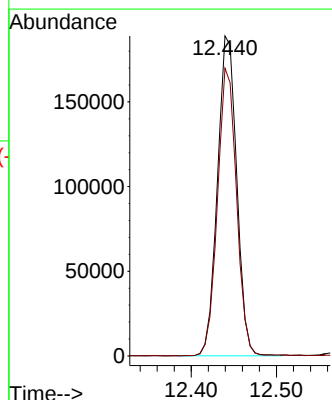
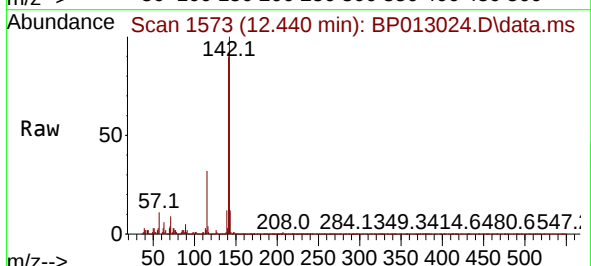
Instrument :
BNA_P
ClientSampleId :
DBXN5

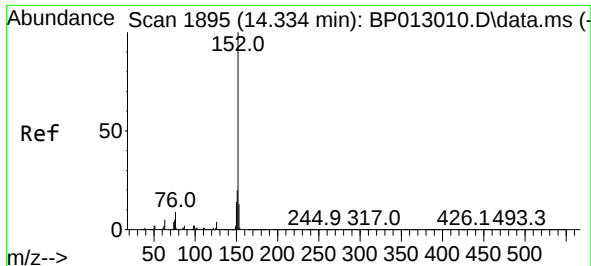
Tgt Ion:128 Resp: 507453
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.8 10.4 15.6



#36
2-Methylnaphthalene
Concen: 2.712 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

Tgt Ion:142 Resp: 296660
Ion Ratio Lower Upper
142 100
141 89.9 70.8 106.2

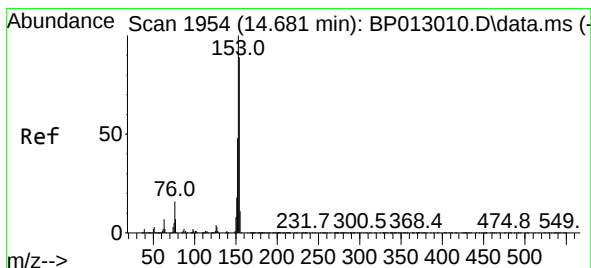
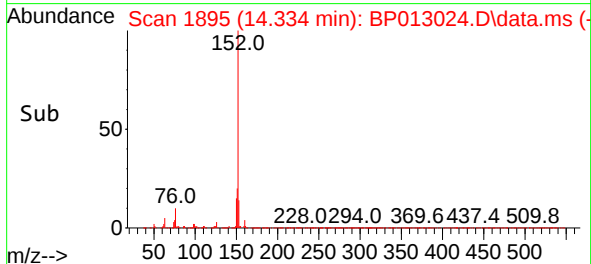
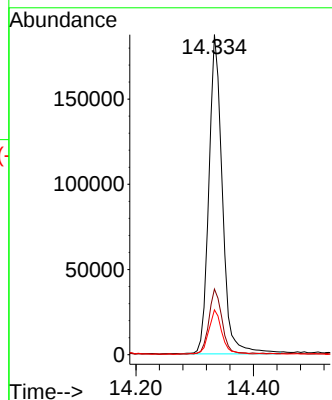
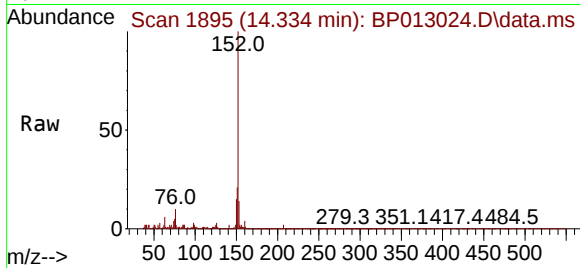




#50
Acenaphthylene
Concen: 1.606 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

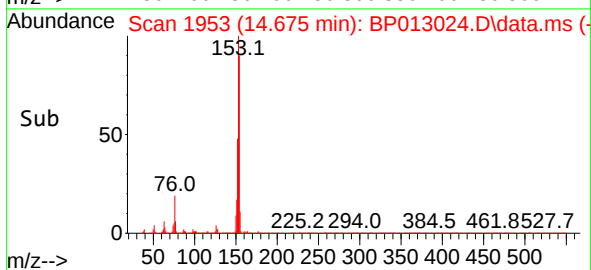
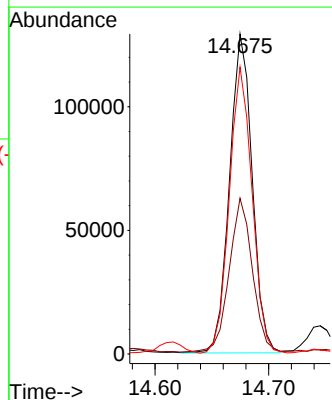
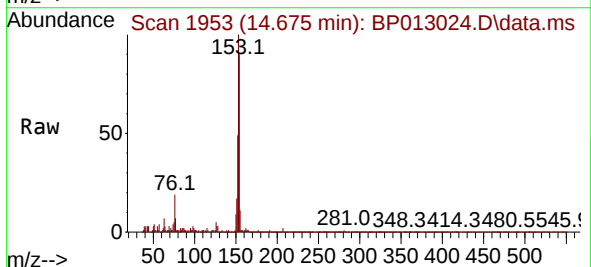
Instrument :
BNA_P
ClientSampleId :
DBXN5

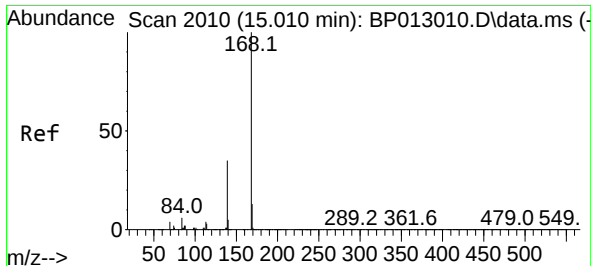
Tgt Ion:152 Resp: 297792
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 14.0 10.6 16.0



#52
Acenaphthene
Concen: 1.393 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

Tgt Ion:153 Resp: 178939
Ion Ratio Lower Upper
153 100
152 48.6 38.2 57.4
154 89.6 70.8 106.2

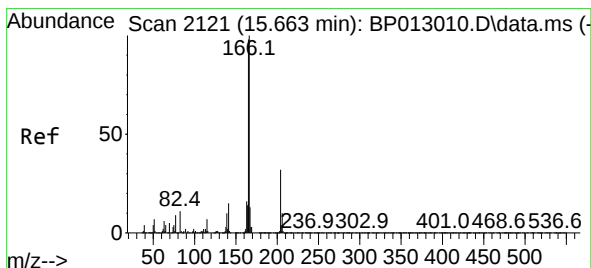
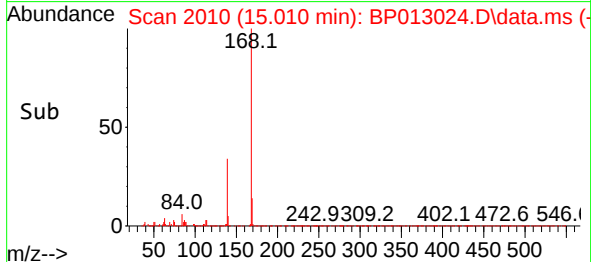
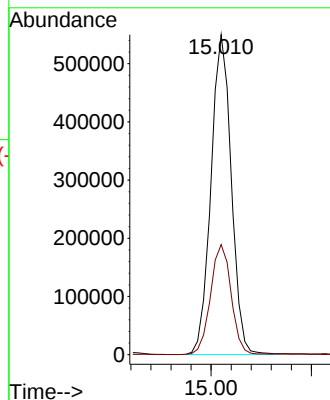
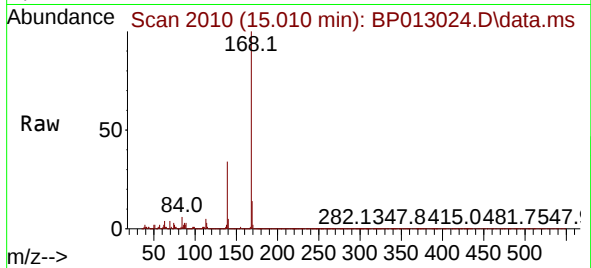




#56
Dibenzenofuran
Concen: 4.233 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

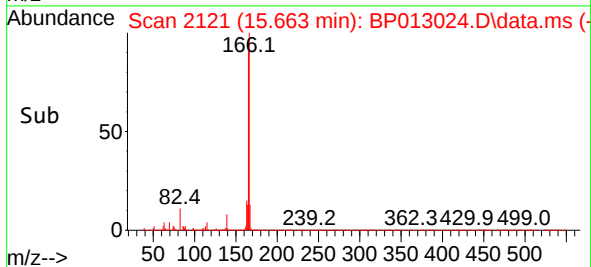
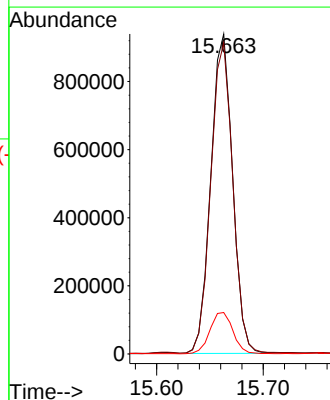
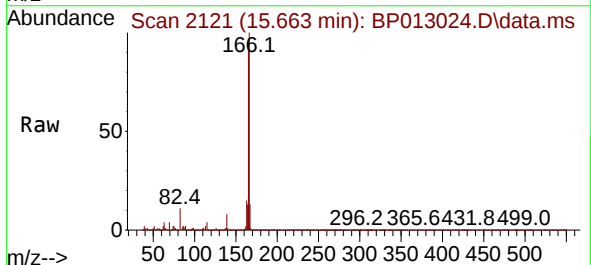
Instrument :
BNA_P
ClientSampleId :
DBXN5

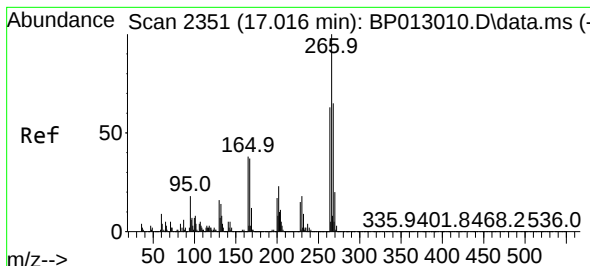
Tgt Ion:168 Resp: 773428
Ion Ratio Lower Upper
168 100
139 34.4 27.9 41.9



#61
Fluorene
Concen: 9.114 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

Tgt Ion:166 Resp: 1335327
Ion Ratio Lower Upper
166 100
165 97.3 77.4 116.2
167 12.9 10.6 16.0





#71

Pentachlorophenol

Concen: 1.495 ng/ul

RT: 17.016 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013024.D

Acq: 09 Dec 2022 18:32

Instrument :

BNA_P

ClientSampleId :

DBXN5

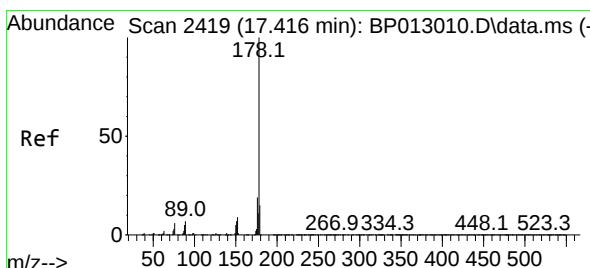
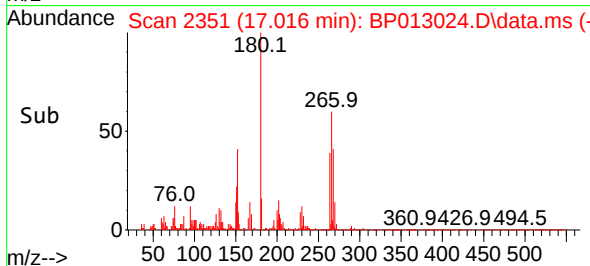
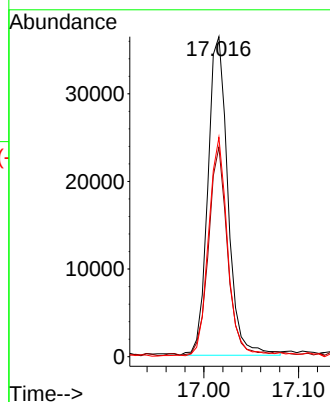
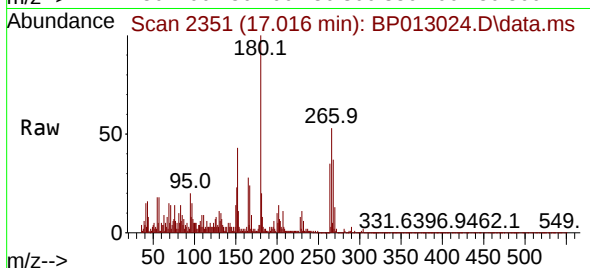
Tgt Ion:266 Resp: 53607

Ion Ratio Lower Upper

266 100

264 65.5 50.9 76.3

268 68.6 51.4 77.2



#72

Phenanthrene

Concen: 16.654 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP013024.D

Acq: 09 Dec 2022 18:32

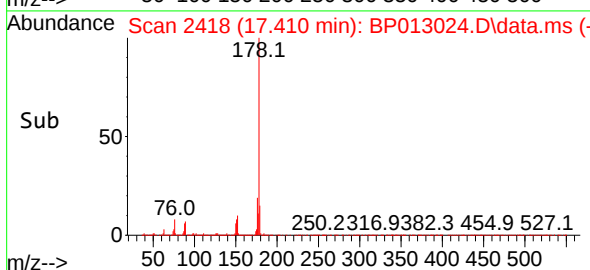
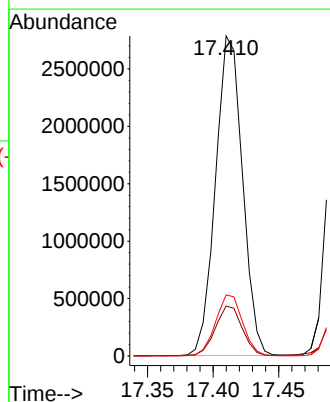
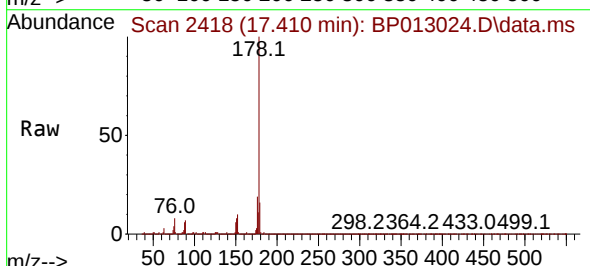
Tgt Ion:178 Resp: 3982428

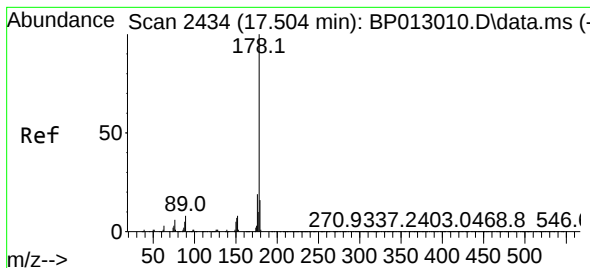
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.1 15.4 23.0





#74

Anthracene

Concen: 16.679 ng/ul

RT: 17.410 min Scan# 2434

Delta R.T. -0.100 min

Lab File: BP013024.D

Acq: 09 Dec 2022 18:32

Instrument :

BNA_P

ClientSampleId :

DBXN5

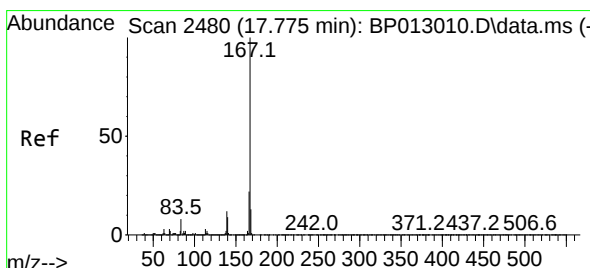
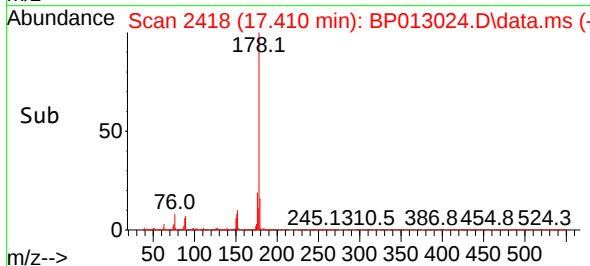
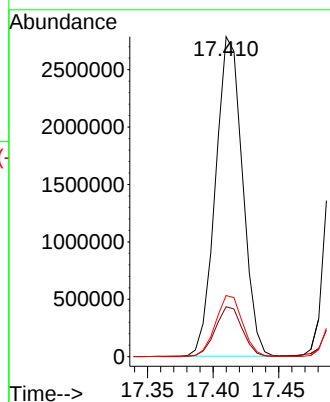
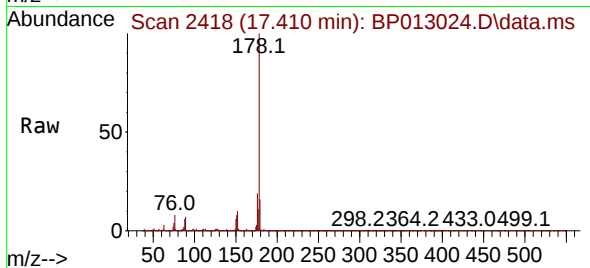
Tgt Ion:178 Resp: 3982428

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.1 14.8 22.2



#77

Carbazole

Concen: 24.642 ng/ul

RT: 17.775 min Scan# 2480

Delta R.T. 0.000 min

Lab File: BP013024.D

Acq: 09 Dec 2022 18:32

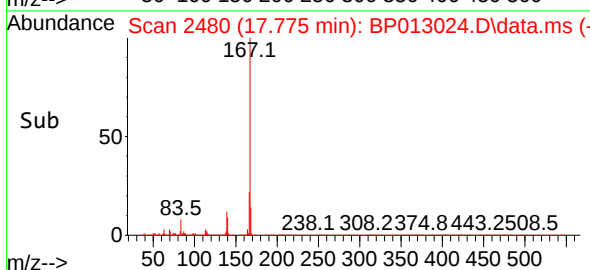
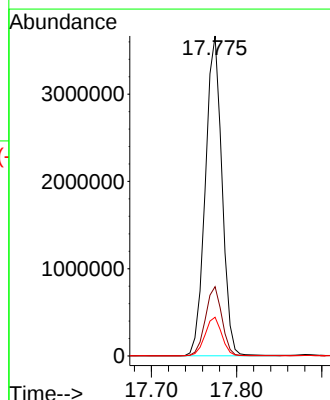
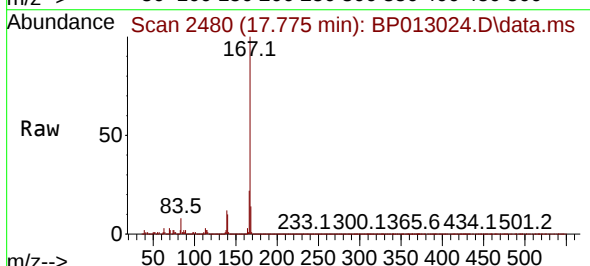
Tgt Ion:167 Resp: 4955091

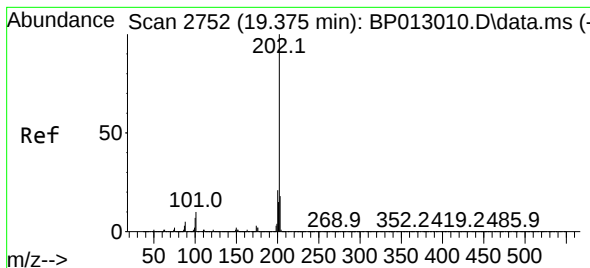
Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.1 9.4 14.2

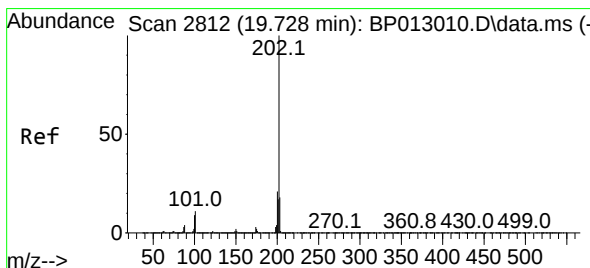
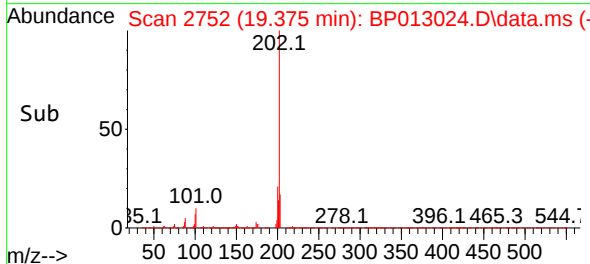
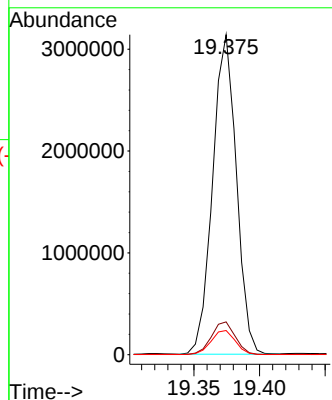
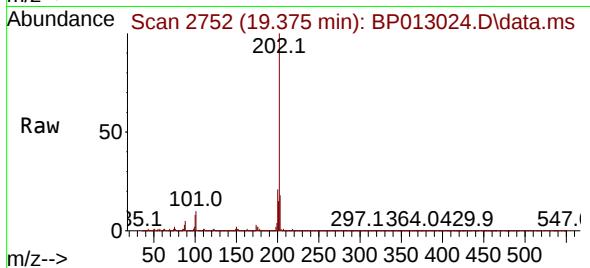




#80
Fluoranthene
Concen: 15.430 ng/ul
RT: 19.375 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

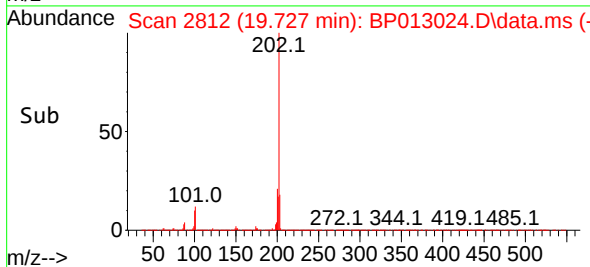
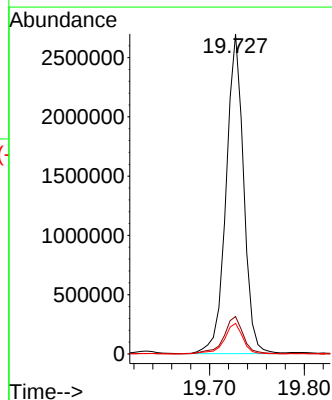
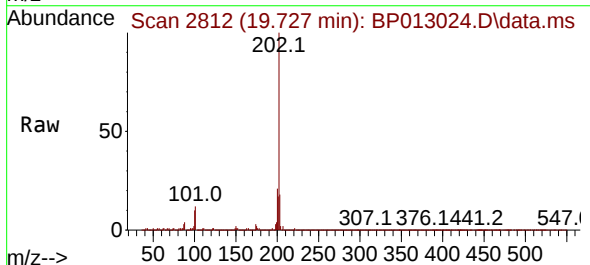
Instrument :
BNA_P
ClientSampleId :
DBXN5

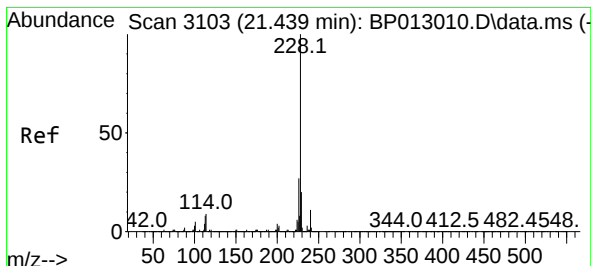
Tgt Ion:202 Resp: 3953774
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 7.5 6.1 9.1



#82
Pyrene
Concen: 13.134 ng/ul
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

Tgt Ion:202 Resp: 3471786
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 9.5 7.8 11.8





#85

Benzo(a)anthracene

Concen: 5.466 ng/uI

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013024.D

Acq: 09 Dec 2022 18:32

Instrument :

BNA_P

ClientSampleId :

DBXN5

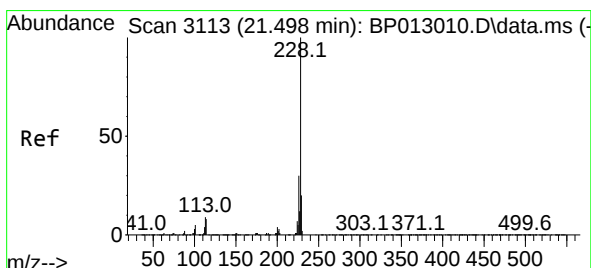
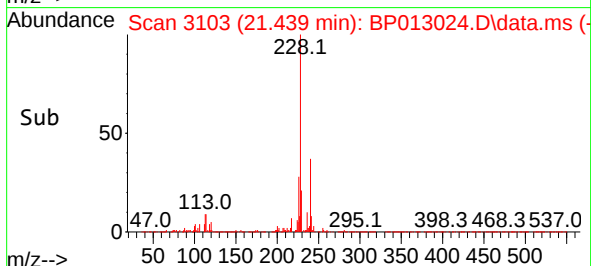
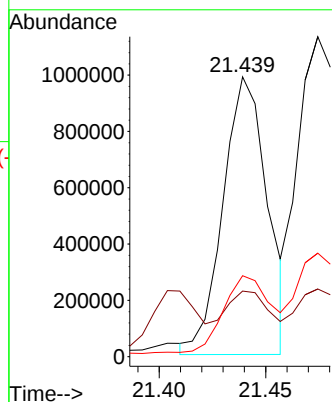
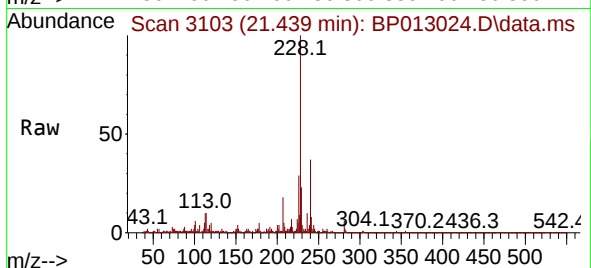
Tgt Ion:228 Resp: 1427217

Ion Ratio Lower Upper

228 100

229 23.4 16.1 24.1

226 29.0 22.0 33.0



#87

Chrysene

Concen: 8.159 ng/uI

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP013024.D

Acq: 09 Dec 2022 18:32

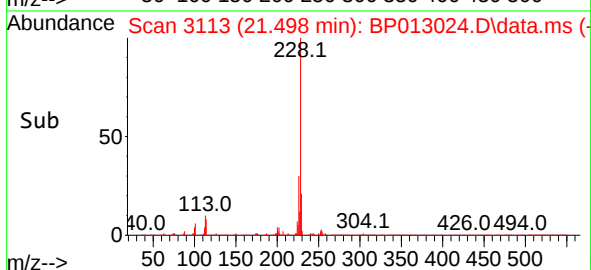
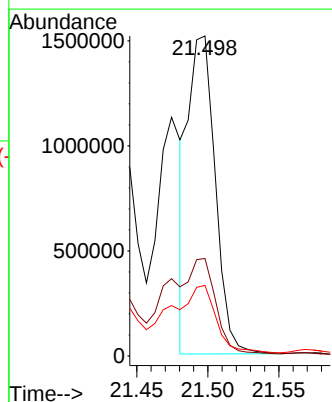
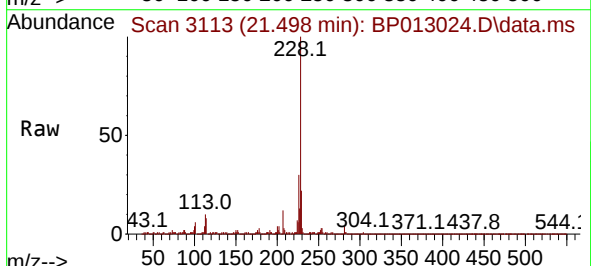
Tgt Ion:228 Resp: 2014709

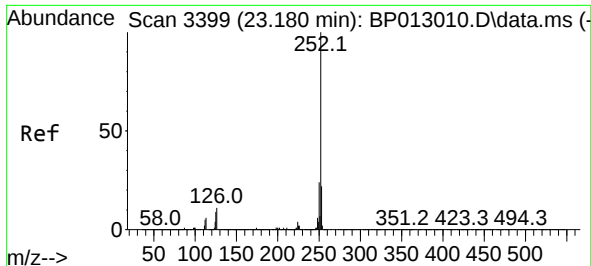
Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 22.1 16.0 24.0

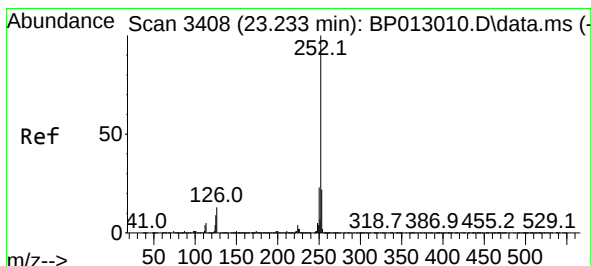
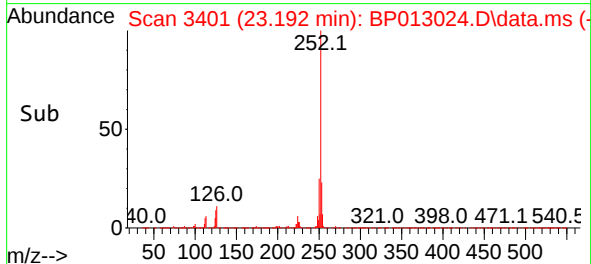
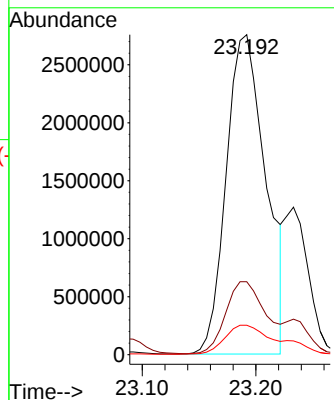
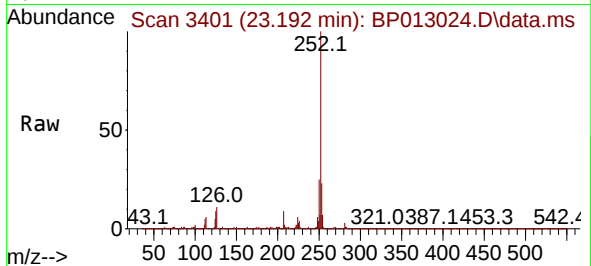




#90
Benzo(b)fluoranthene
Concen: 28.980 ng/ul
RT: 23.192 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

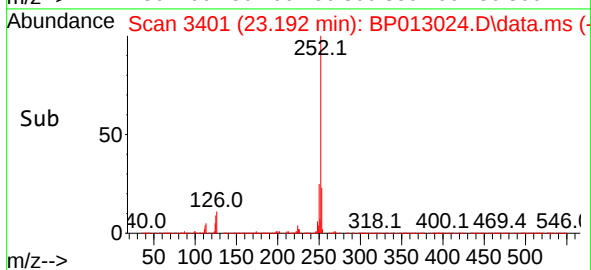
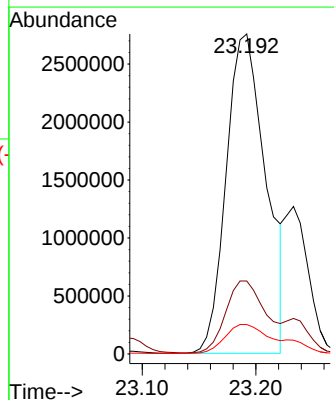
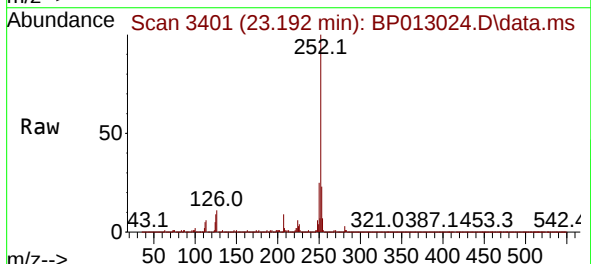
Instrument :
BNA_P
ClientSampleId :
DBXN5

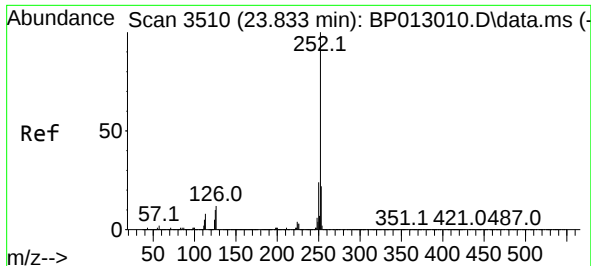
Tgt Ion:252 Resp: 6676315
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 9.2 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 29.225 ng/ul
RT: 23.192 min Scan# 3401
Delta R.T. -0.041 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

Tgt Ion:252 Resp: 6676315
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 9.2 6.8 10.2

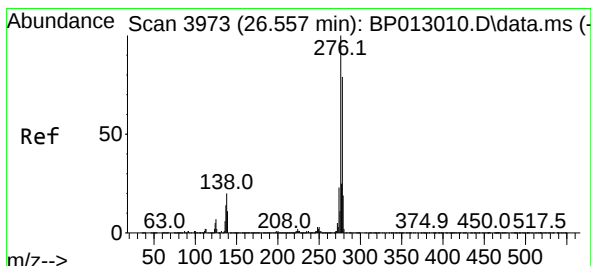
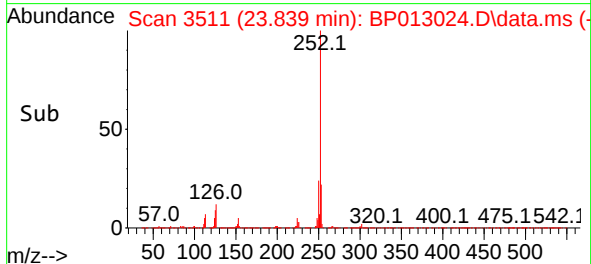
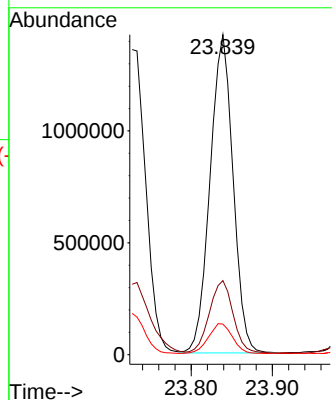
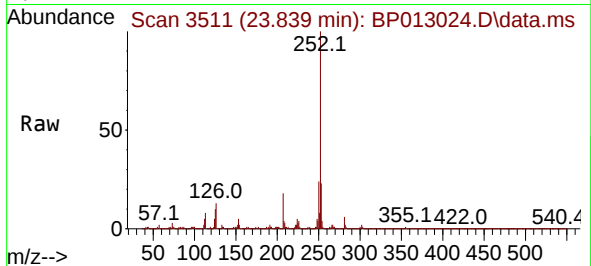




#93
Benzo(a)pyrene
Concen: 13.942 ng/ul
RT: 23.839 min Scan# 3510
Delta R.T. 0.000 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

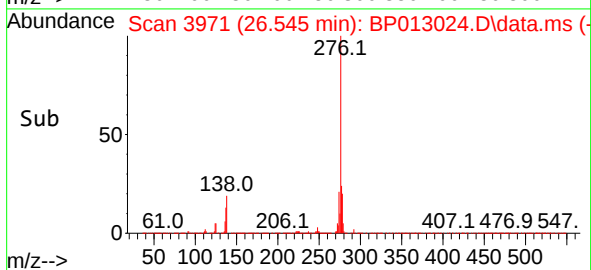
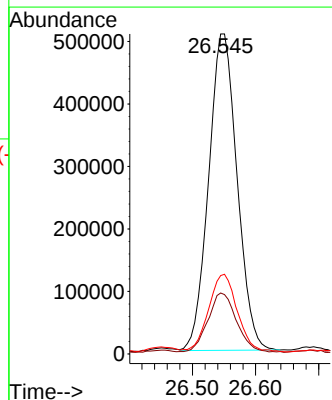
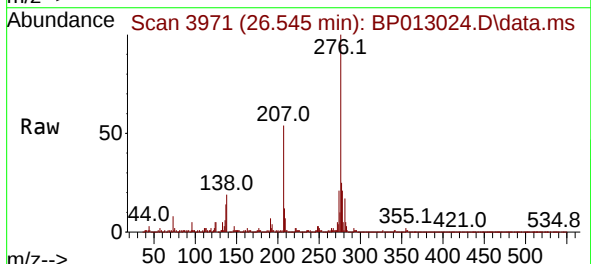
Instrument :
BNA_P
ClientSampleId :
DBXN5

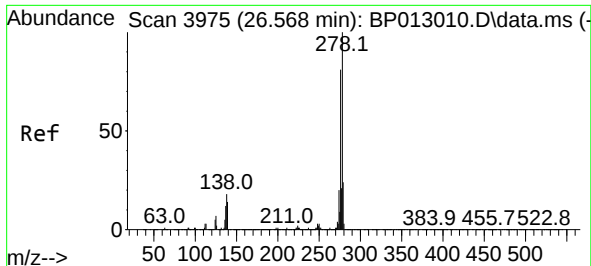
Tgt Ion:252 Resp: 2796783
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.6 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 6.348 ng/ul
RT: 26.545 min Scan# 3971
Delta R.T. -0.012 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

Tgt Ion:276 Resp: 1586146
Ion Ratio Lower Upper
276 100
138 19.0 17.1 25.7
277 24.5 20.0 30.0

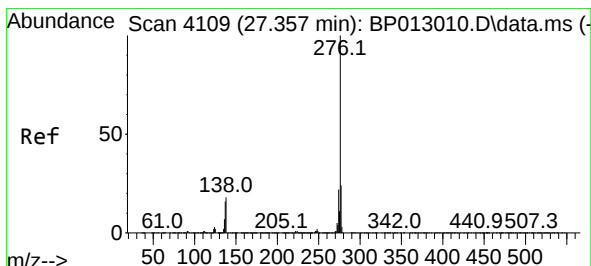
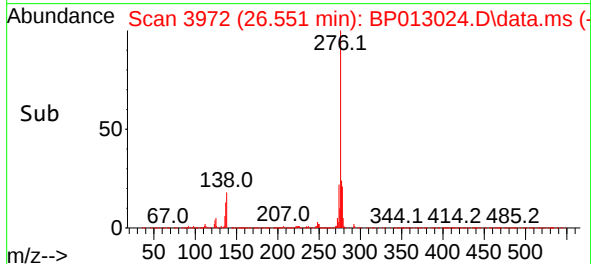
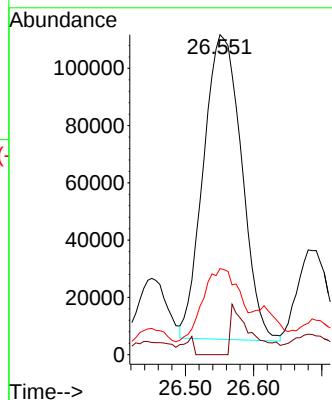
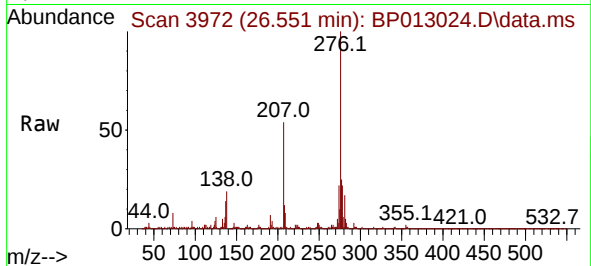




#95
 Dibenzo(a,h)anthracene
 Concen: 2.002 ng/ul
 RT: 26.551 min Scan# 3975
 Delta R.T. -0.018 min
 Lab File: BP013024.D
 Acq: 09 Dec 2022 18:32

Instrument :
 BNA_P
 ClientSampleId :
 DBXN5

Tgt Ion:278 Resp: 414109
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.1 16.7#
 279 26.9 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 6.048 ng/ul
 RT: 27.356 min Scan# 4109
 Delta R.T. 0.006 min
 Lab File: BP013024.D
 Acq: 09 Dec 2022 18:32

Tgt Ion:276 Resp: 1213262
 Ion Ratio Lower Upper
 276 100
 138 19.0 15.4 23.2
 277 24.2 19.1 28.7

