

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013026.D
 Acq On : 09 Dec 2022 19:40
 Operator : CG/JU
 Sample : N5896-19 10X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXN7

Quant Time: Dec 09 21:58:57 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)

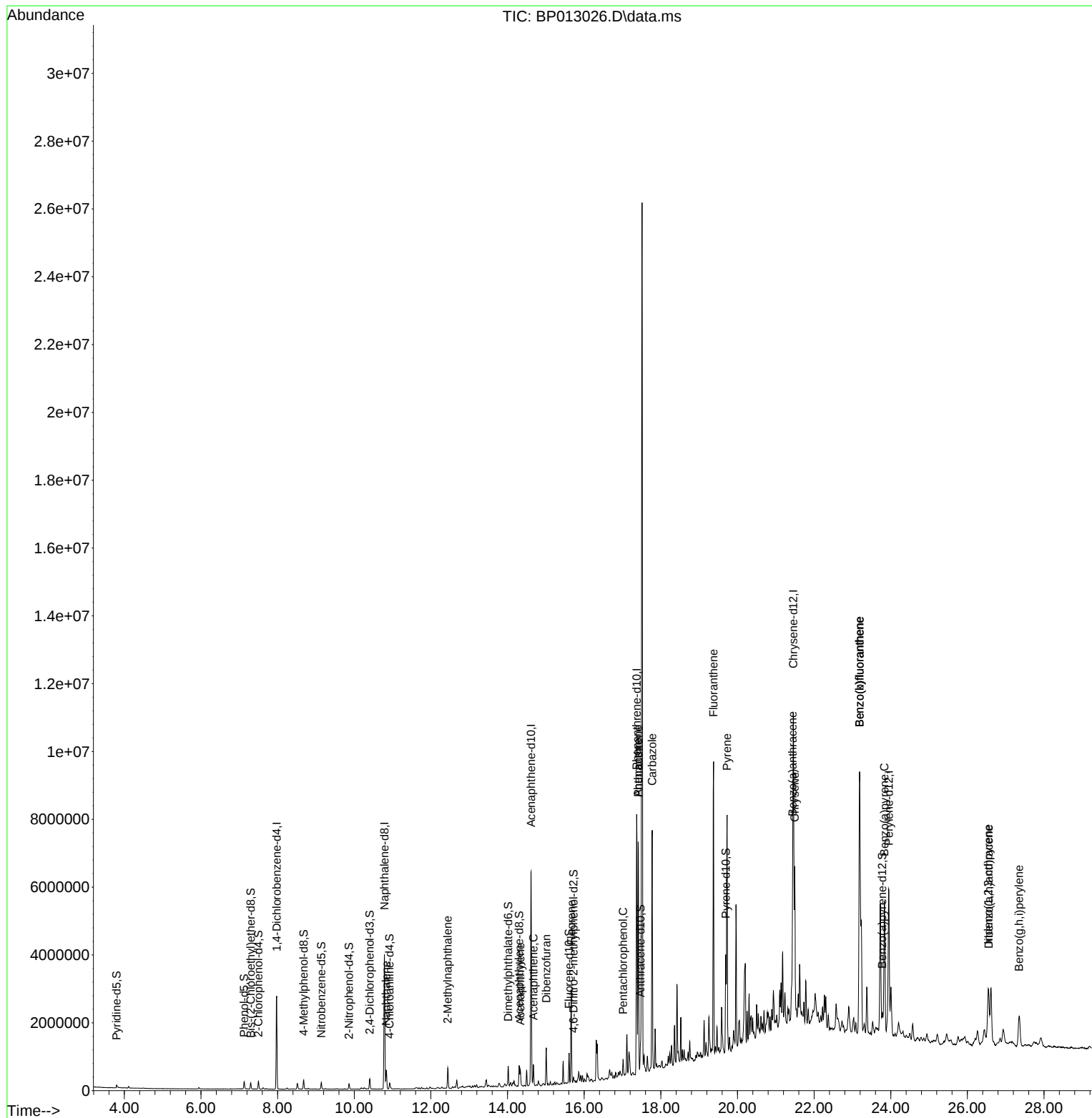
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	782108	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	3401287	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	2242391	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4898218	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3901304	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	3505670	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	5939	0.325	ng/uL	0.00
4) Pyridine-d5	3.799	84	52936	1.019	ng/u1	0.01
7) Phenol-d5	7.128	99	126130	1.980	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	80114	2.085	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	107939	2.152	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	104399	2.000	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	49035	1.962	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	53060	1.886	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	113884	2.084	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	100172	1.298	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	388710	2.256	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	417037	2.202	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	30807	0.994	ng/u1	0.00
60) Fluorene-d10	15.604	176	346630	2.377	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	35070	1.113	ng/u1	0.00
73) Anthracene-d10	17.469	188	553665	2.505	ng/u1	0.00
81) Pyrene-d10	19.698	212	631422	2.820	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	417408	2.389	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.834	128	465167	2.615	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	274516	2.250	ng/u1	99
50) Acenaphthylene	14.334	152	355712	1.747	ng/u1	99
52) Acenaphthene	14.675	153	250854	1.778	ng/u1	100
56) Dibenzofuran	15.010	168	722302	3.601	ng/u1	99
61) Fluorene	15.663	166	1293893	8.043	ng/u1	99
71) Pentachlorophenol	17.016	266	50404	1.318	ng/u1	99
72) Phenanthrene	17.410	178	4234472	16.597	ng/u1	100
74) Anthracene	17.410	178	4234472	16.622	ng/u1	99
77) Carbazole	17.775	167	4613373	21.504	ng/u1	99
80) Fluoranthene	19.375	202	5110296	20.106	ng/u1	100
82) Pyrene	19.728	202	4240983	16.176	ng/u1	99
85) Benzo(a)anthracene	21.439	228	1870041	7.221	ng/u1	94
87) Chrysene	21.492	228	2280419	9.311	ng/u1	98
90) Benzo(b)fluoranthene	23.186	252	7568712	33.857	ng/u1	98
91) Benzo(k)fluoranthene	23.186	252	7568712	34.144	ng/u1	98
93) Benzo(a)pyrene	23.833	252	3067379	15.759	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.545	276	1818599	7.501	ng/u1	97
95) Dibenzo(a,h)anthracene	26.557	278	467056	2.327	ng/u1#	91
96) Benzo(g,h,i)perylene	27.351	276	1313333	6.747	ng/u1	99

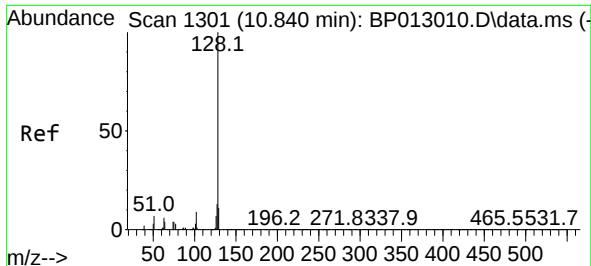
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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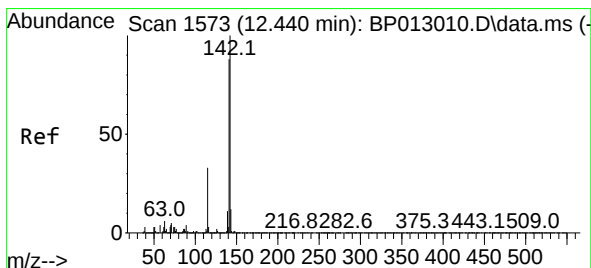
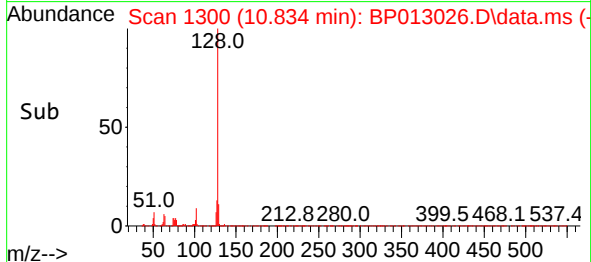
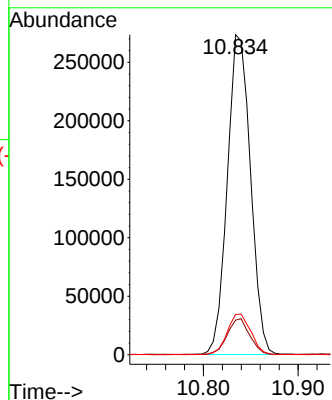
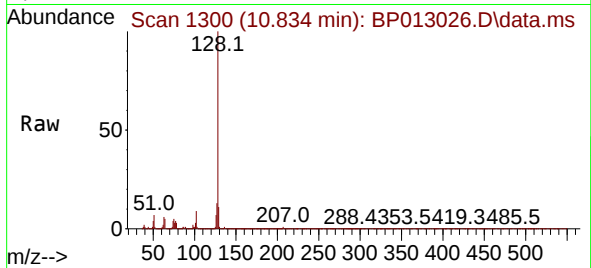




#30
Naphthalene
Concen: 2.615 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

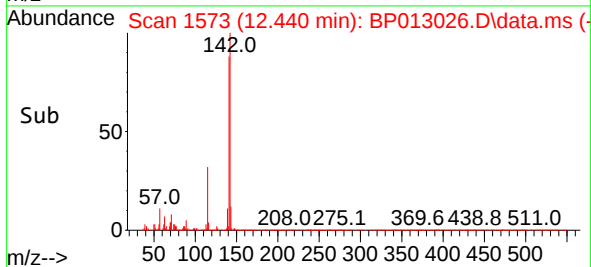
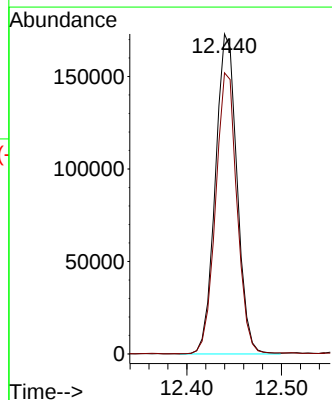
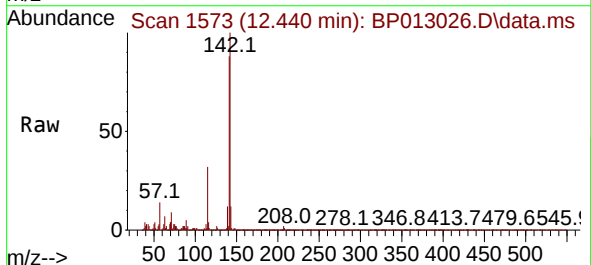
Instrument :
BNA_P
ClientSampleId :
DBXN7

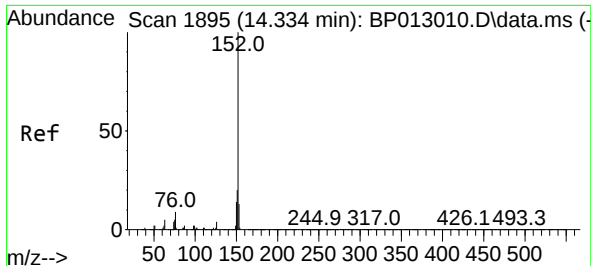
Tgt Ion:128 Resp: 465167
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.5 10.4 15.6



#36
2-Methylnaphthalene
Concen: 2.250 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

Tgt Ion:142 Resp: 274516
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2

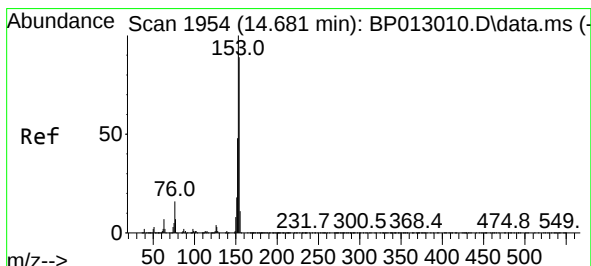
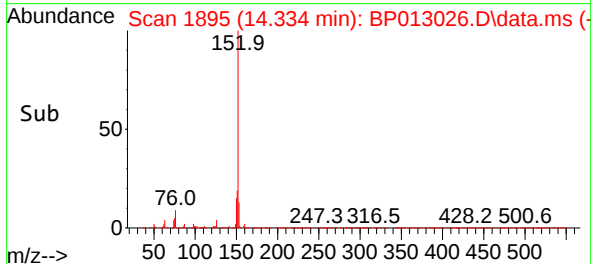
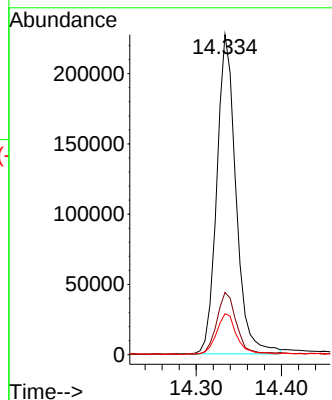
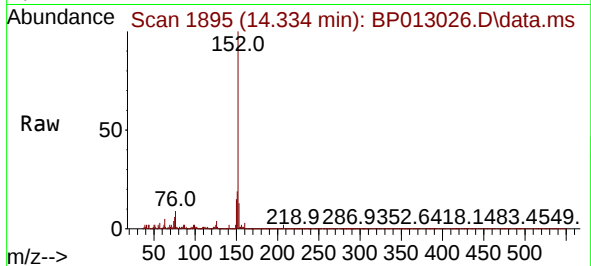




#50
Acenaphthylene
Concen: 1.747 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

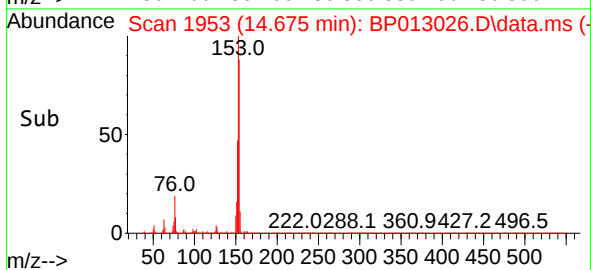
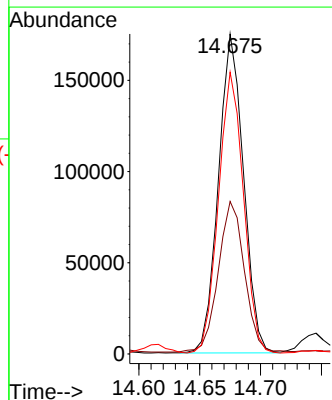
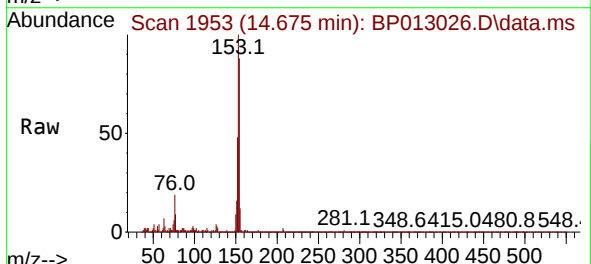
Instrument :
BNA_P
ClientSampleId :
DBXN7

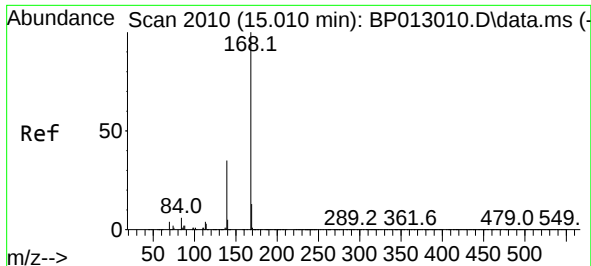
Tgt Ion:152 Resp: 355712
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.8 10.6 16.0



#52
Acenaphthene
Concen: 1.778 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

Tgt Ion:153 Resp: 250854
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.4
154 88.0 70.8 106.2

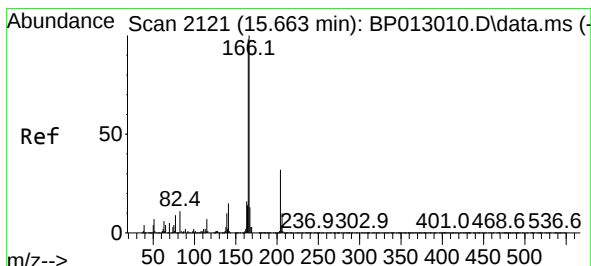
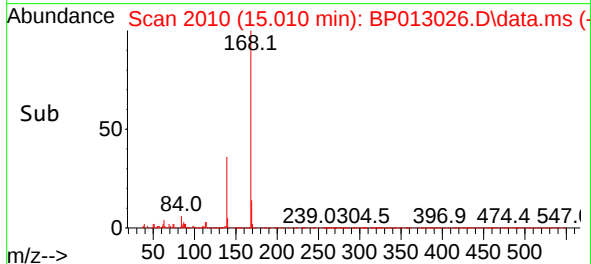
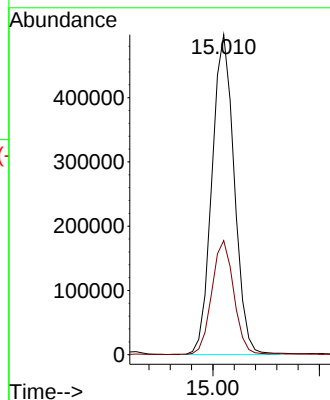
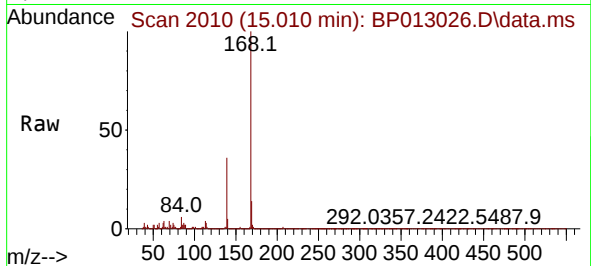




#56
Dibenzenofuran
Concen: 3.601 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

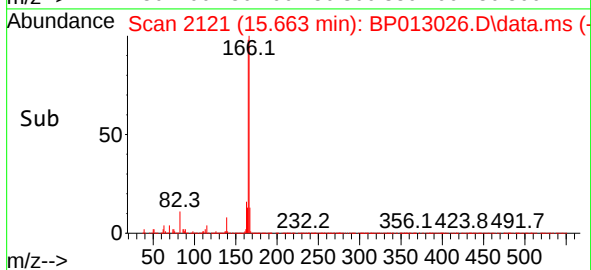
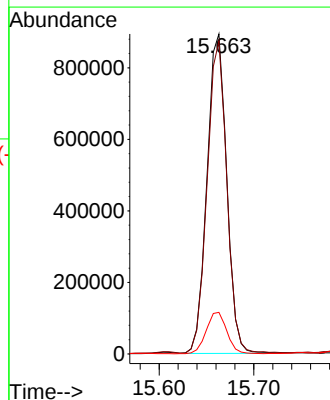
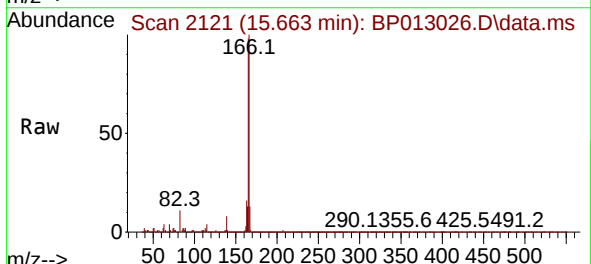
Instrument :
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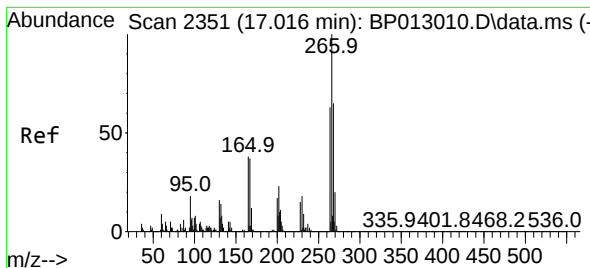
Tgt Ion:168 Resp: 722302
Ion Ratio Lower Upper
168 100
139 35.7 27.9 41.9



#61
Fluorene
Concen: 8.043 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

Tgt Ion:166 Resp: 1293893
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.2
167 13.0 10.6 16.0





#71

Pentachlorophenol

Concen: 1.318 ng/ul

RT: 17.016 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013026.D

Acq: 09 Dec 2022 19:40

Instrument :

BNA_P

ClientSampleId :

DBXN7

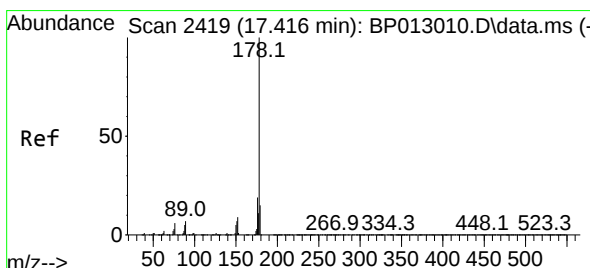
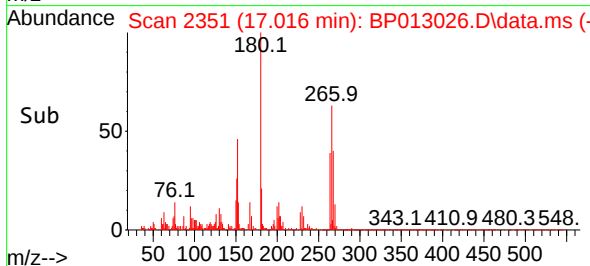
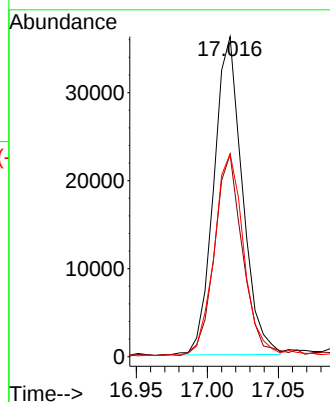
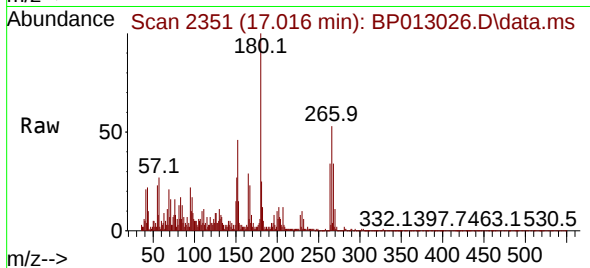
Tgt Ion:266 Resp: 50404

Ion Ratio Lower Upper

266 100

264 63.2 50.9 76.3

268 63.4 51.4 77.2



#72

Phenanthrene

Concen: 16.597 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP013026.D

Acq: 09 Dec 2022 19:40

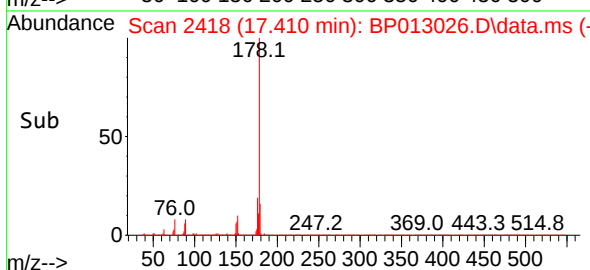
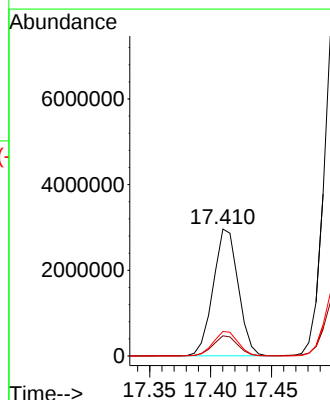
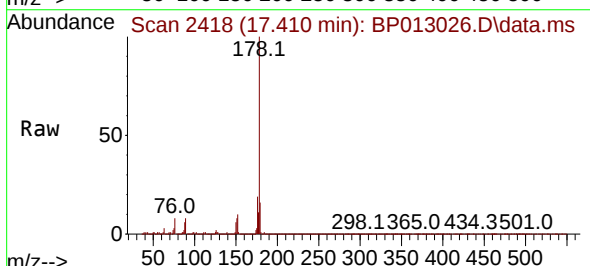
Tgt Ion:178 Resp: 4234472

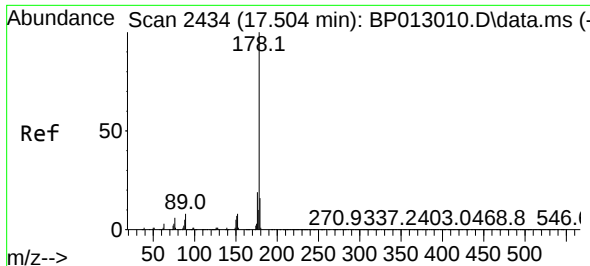
Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 19.3 15.4 23.0

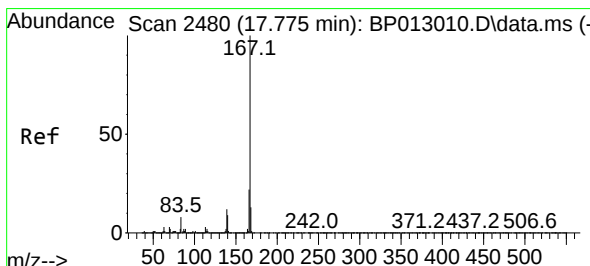
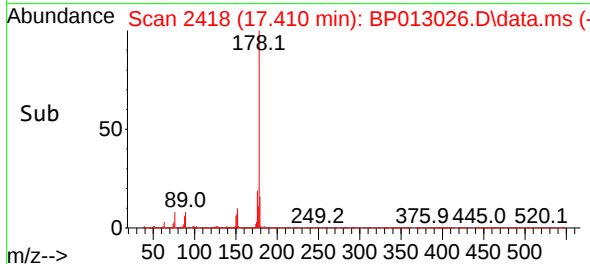
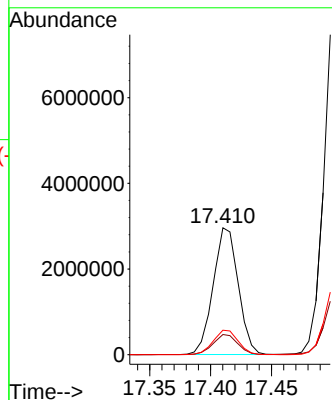
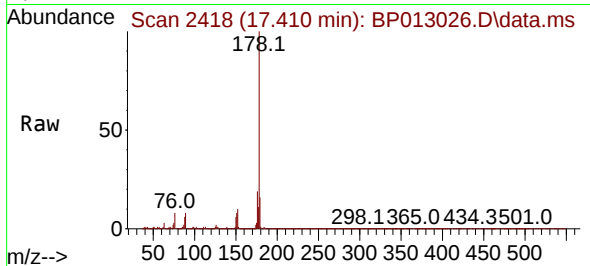




#74
 Anthracene
 Concen: 16.622 ng/ul
 RT: 17.410 min Scan# 2434
 Delta R.T. -0.100 min
 Lab File: BP013026.D
 Acq: 09 Dec 2022 19:40

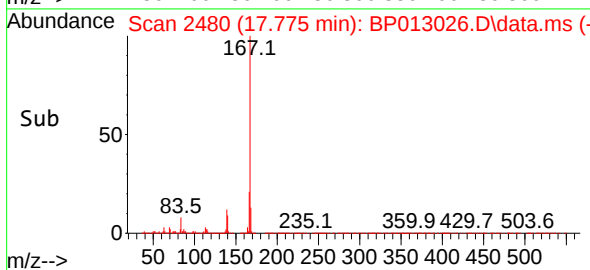
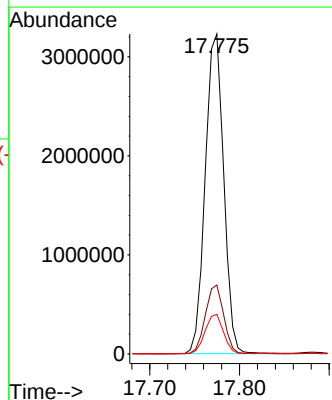
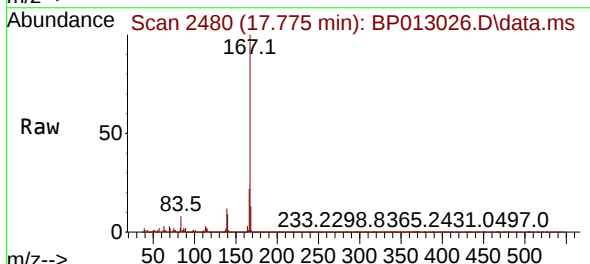
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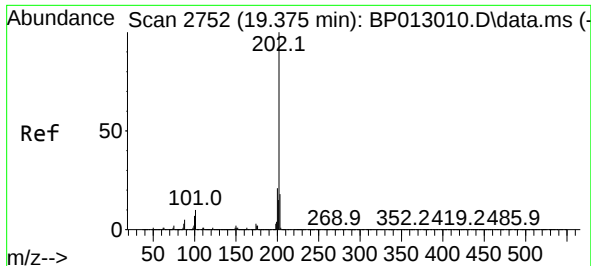
Tgt Ion:178 Resp: 4234472
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.5 18.7
 176 19.3 14.8 22.2



#77
 Carbazole
 Concen: 21.504 ng/ul
 RT: 17.775 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BP013026.D
 Acq: 09 Dec 2022 19:40

Tgt Ion:167 Resp: 4613373
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.4 9.4 14.2

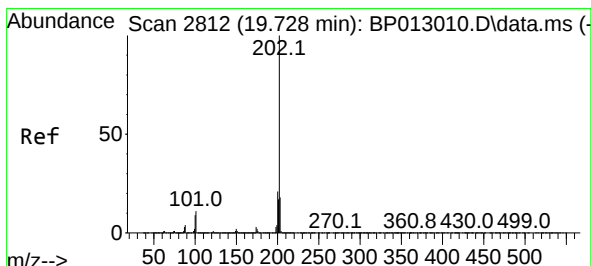
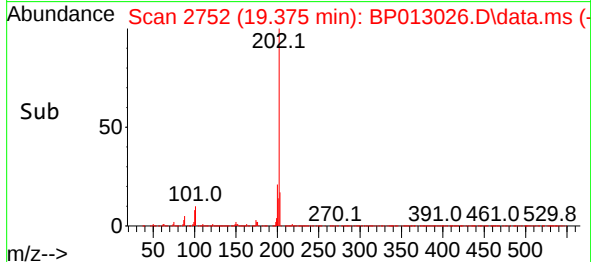
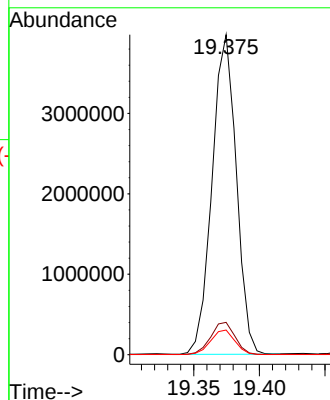
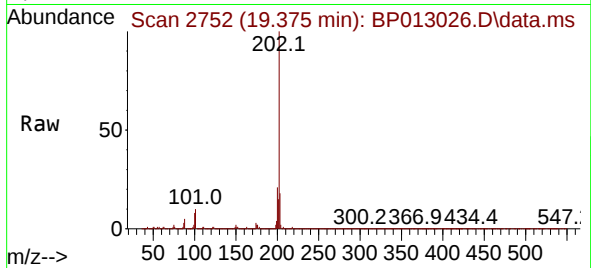




#80
Fluoranthene
Concen: 20.106 ng/ul
RT: 19.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

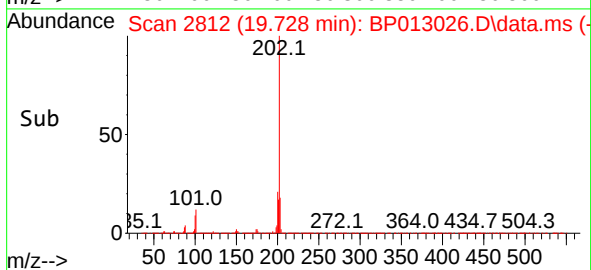
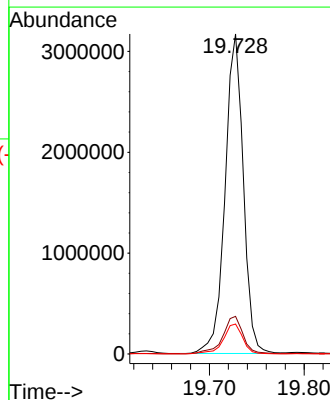
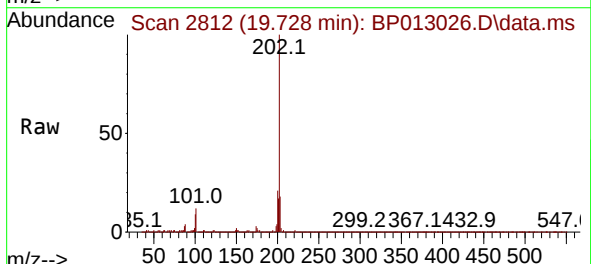
Instrument :
BNA_P
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DBXN7

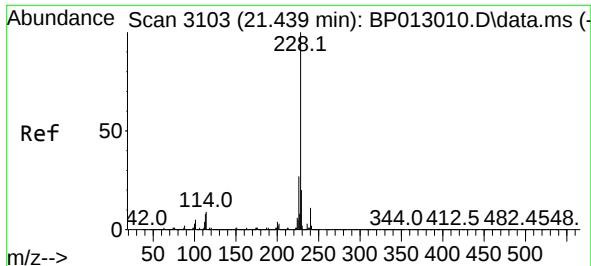
Tgt Ion:202 Resp: 5110296
Ion Ratio Lower Upper
202 100
101 10.1 8.2 12.2
100 7.7 6.1 9.1



#82
Pyrene
Concen: 16.176 ng/ul
RT: 19.728 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

Tgt Ion:202 Resp: 4240983
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 9.4 7.8 11.8

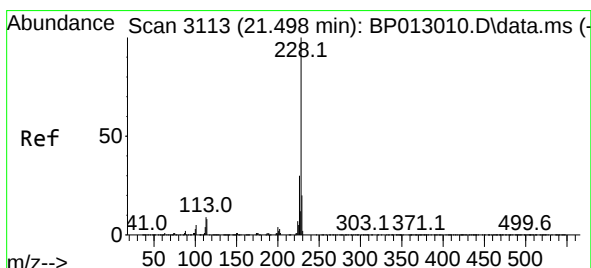
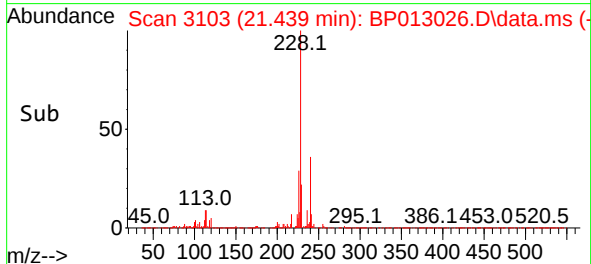
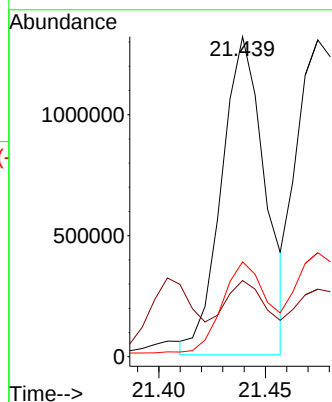
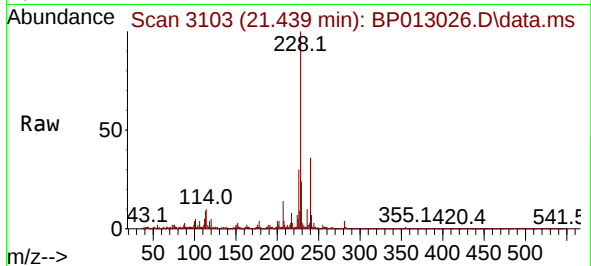




#85
Benzo(a)anthracene
Concen: 7.221 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

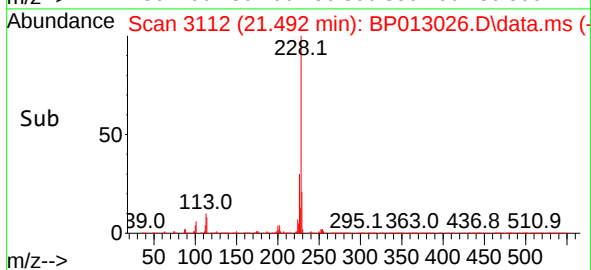
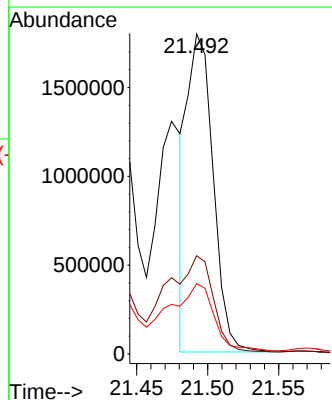
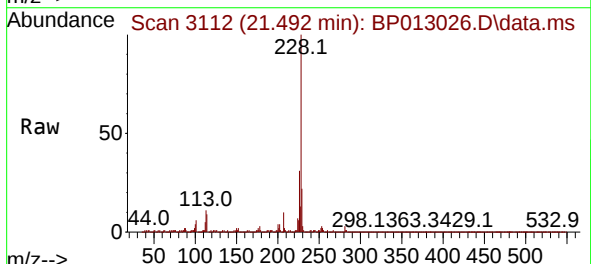
Instrument :
BNA_P
ClientSampleId :
DBXN7

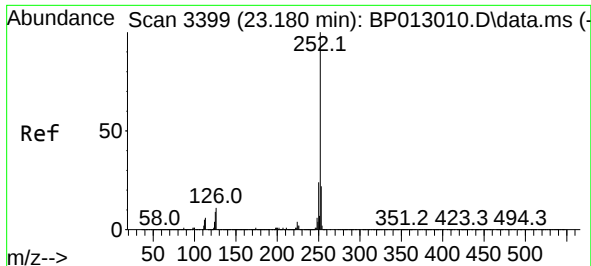
Tgt Ion:228 Resp: 1870041
Ion Ratio Lower Upper
228 100
229 23.8 16.1 24.1
226 29.7 22.0 33.0



#87
Chrysene
Concen: 9.311 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

Tgt Ion:228 Resp: 2280419
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 22.0 16.0 24.0

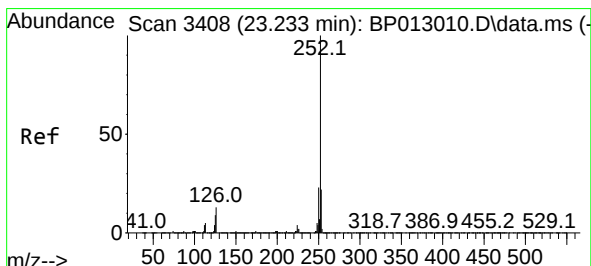
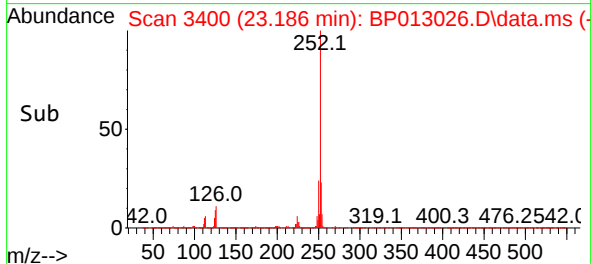
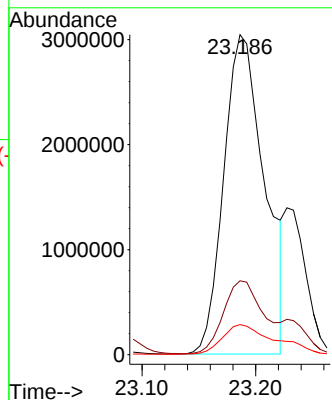
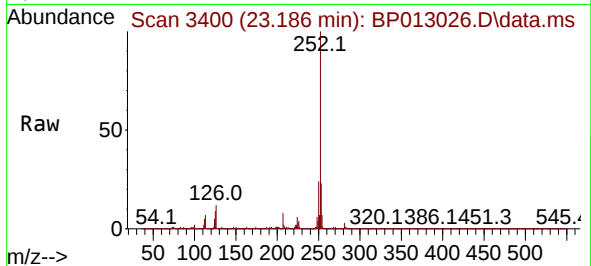




#90
Benzo(b)fluoranthene
Concen: 33.857 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

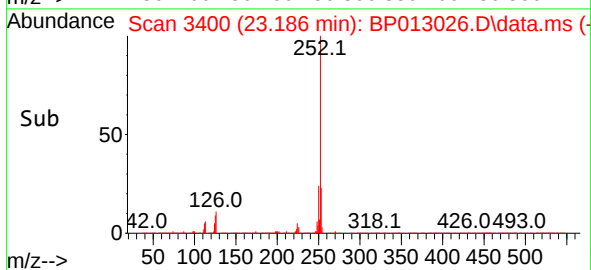
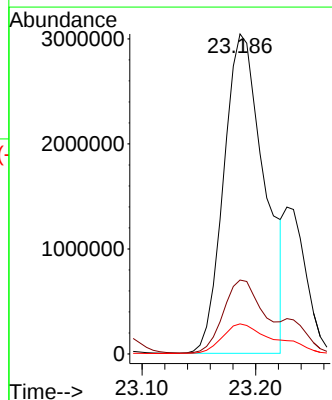
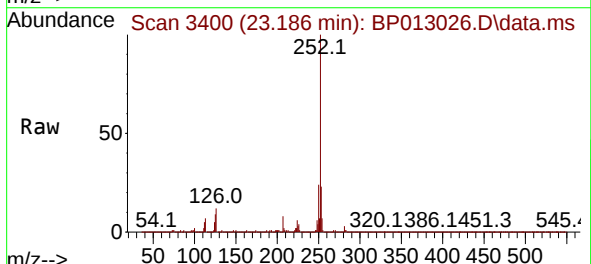
Instrument :
BNA_P
ClientSampleId :
DBXN7

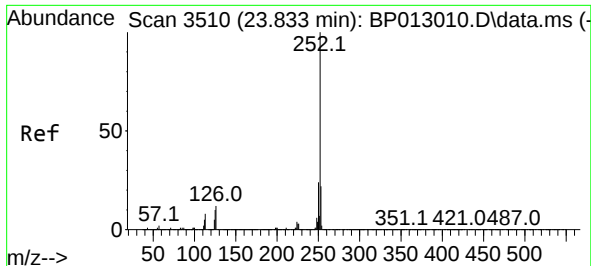
Tgt Ion:252 Resp: 7568712
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.4 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 34.144 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. -0.047 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

Tgt Ion:252 Resp: 7568712
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.4 6.8 10.2

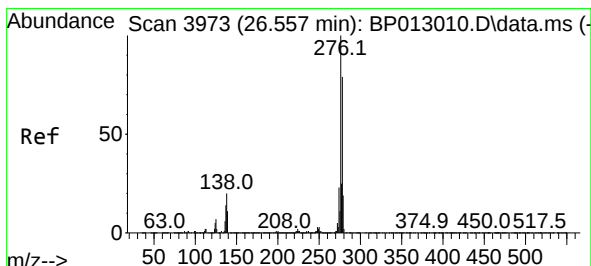
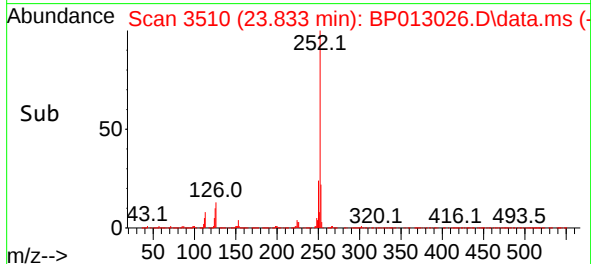
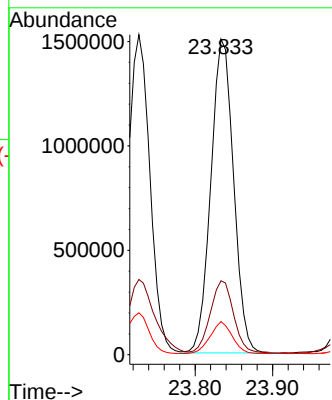
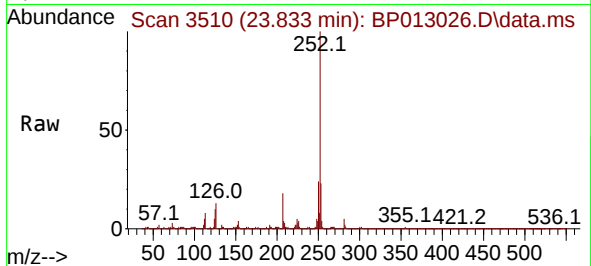




#93
Benzo(a)pyrene
Concen: 15.759 ng/ul
RT: 23.833 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

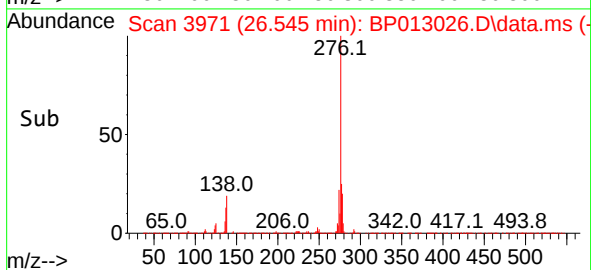
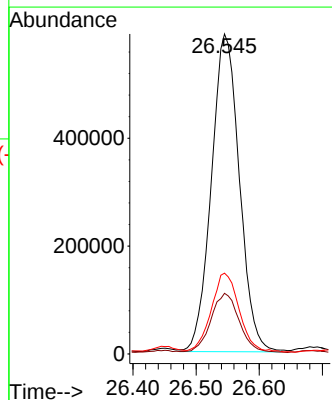
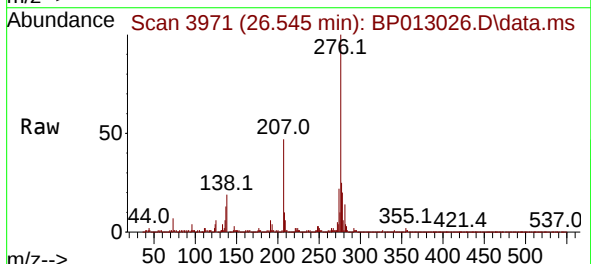
Instrument :
BNA_P
ClientSampleId :
DBXN7

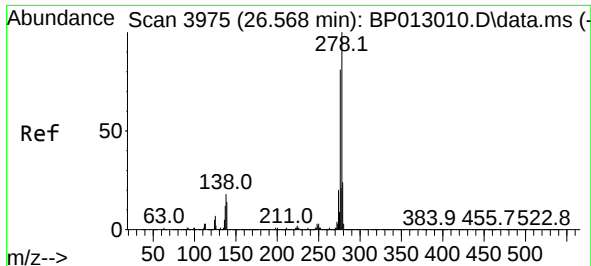
Tgt Ion:252 Resp: 3067379
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 10.5 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 7.501 ng/ul
RT: 26.545 min Scan# 3971
Delta R.T. -0.012 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

Tgt Ion:276 Resp: 1818599
Ion Ratio Lower Upper
276 100
138 19.0 17.1 25.7
277 25.2 20.0 30.0



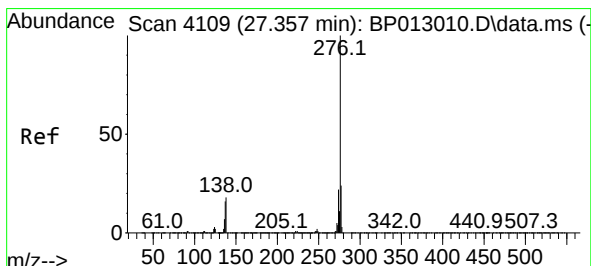
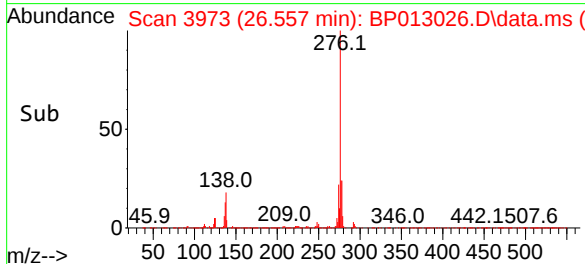
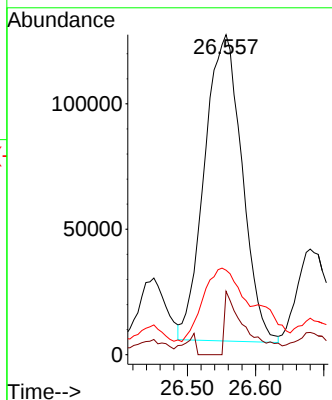
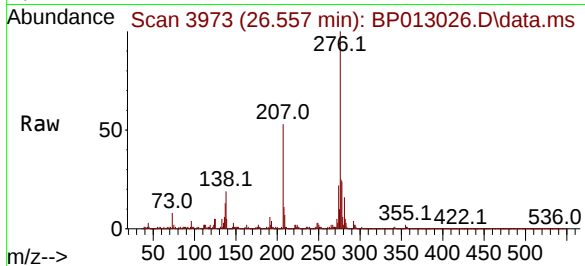


#95
Dibenzo(a,h)anthracene
Concen: 2.327 ng/ul
RT: 26.557 min Scan# 3973
Delta R.T. -0.012 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

Instrument :
BNA_P
ClientSampleId :
DBXN7

Tgt Ion:278 Resp: 467056

Ion	Ratio	Lower	Upper
278	100		
139	19.8	11.1	16.7#
279	26.4	19.0	28.6



#96
Benzo(g,h,i)perylene
Concen: 6.747 ng/ul
RT: 27.351 min Scan# 4108
Delta R.T. 0.000 min
Lab File: BP013026.D
Acq: 09 Dec 2022 19:40

Tgt Ion:276 Resp: 1313333

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.4	23.2
277	23.5	19.1	28.7

