

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013021.D
 Acq On : 09 Dec 2022 16:49
 Operator : CG/JU
 Sample : N5896-09
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXM7

Quant Time: Dec 09 21:56:27 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)

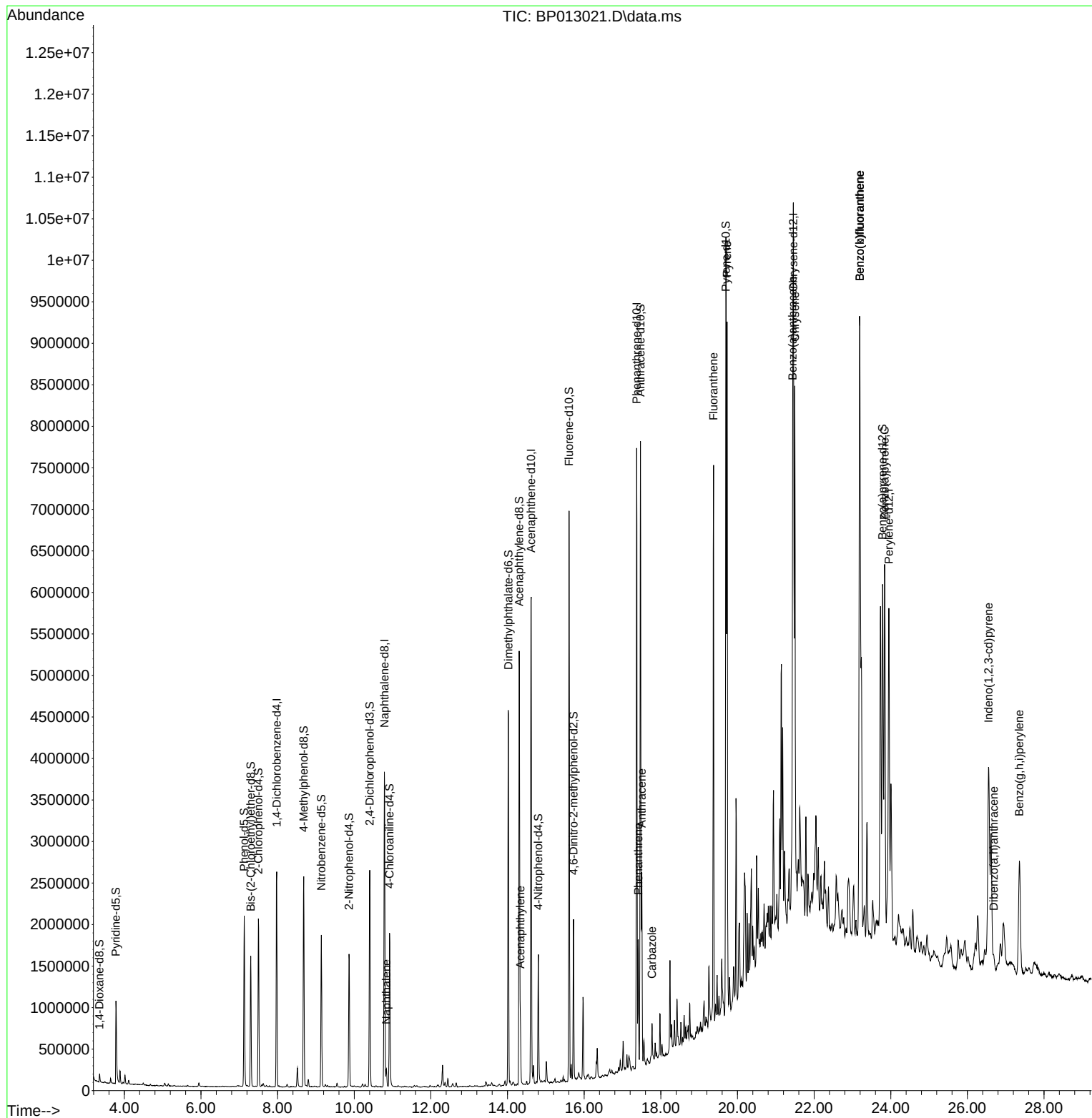
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	739652	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	3215814	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	2107653	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4583341	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3436538	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	3157555	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	50056	2.894	ng/uL	0.00
4) Pyridine-d5	3.781	84	539846	10.986	ng/ul	0.00
7) Phenol-d5	7.128	99	1178118	19.555	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	669219	18.414	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	950528	20.042	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	962196	19.492	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	460269	19.480	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	560355	21.066	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	1030086	19.937	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1039540	14.252	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	3175386	19.603	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	3496974	19.647	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	408577	14.022	ng/ul	0.00
60) Fluorene-d10	15.604	176	2722327	19.865	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	427583	14.497	ng/ul	0.00
73) Anthracene-d10	17.469	188	4280064	20.699	ng/ul	0.00
81) Pyrene-d10	19.698	212	4749298	24.077	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	3257549	20.698	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.840	128	177526	1.056	ng/ul	99
50) Acenaphthylene	14.334	152	546089	2.854	ng/ul	99
72) Phenanthrene	17.410	178	942176	3.947	ng/ul	99
74) Anthracene	17.504	178	1504817	6.313	ng/ul	100
77) Carbazole	17.769	167	257153	1.281	ng/ul	98
80) Fluoranthene	19.375	202	3852684	17.208	ng/ul	100
82) Pyrene	19.728	202	4699129	20.347	ng/ul	99
85) Benzo(a)anthracene	21.439	228	2614376	11.460	ng/ul	98
87) Chrysene	21.498	228	4556391	21.120	ng/ul	99
90) Benzo(b)fluoranthene	23.192	252	6937873	34.457	ng/ul	98
91) Benzo(k)fluoranthene	23.192	252	6937873	34.749	ng/ul	98
93) Benzo(a)pyrene	23.839	252	3344760	19.078	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.551	276	2763554	12.655	ng/ul	97
95) Dibenzo(a,h)anthracene	26.686	278	189269	1.047	ng/ul	92
96) Benzo(g,h,i)perylene	27.357	276	1996445	11.387	ng/ul	99

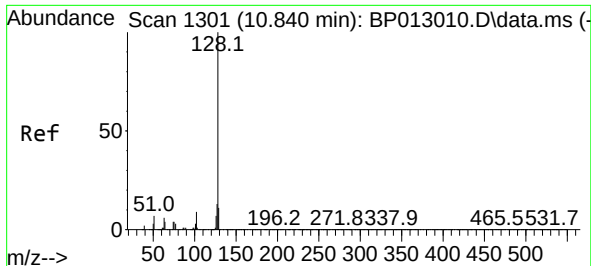
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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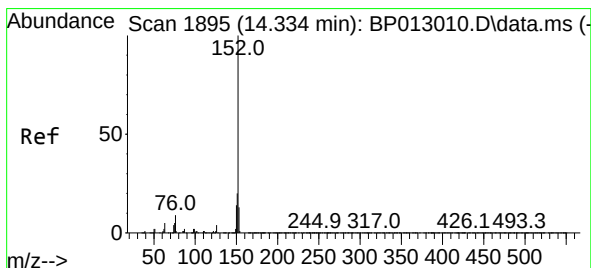
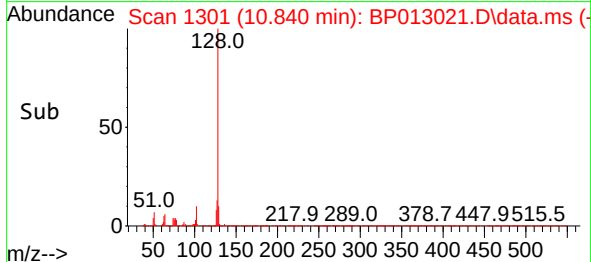
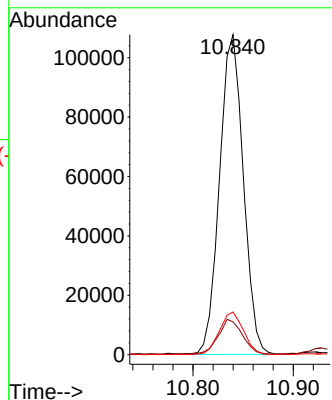
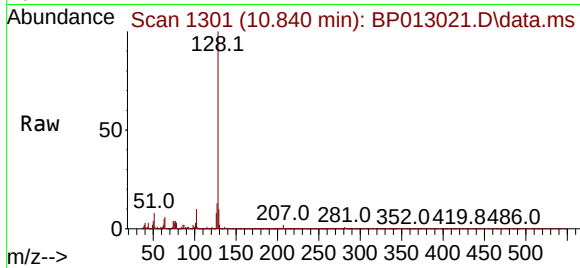




#30
Naphthalene
Concen: 1.056 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

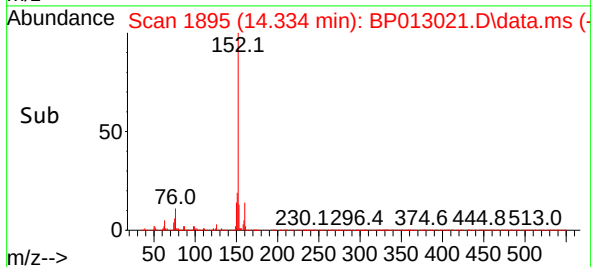
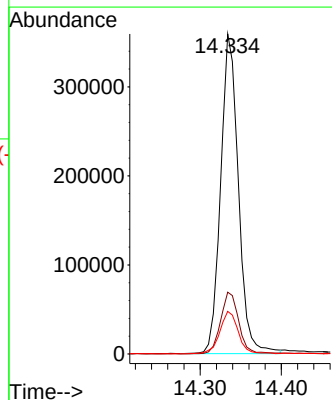
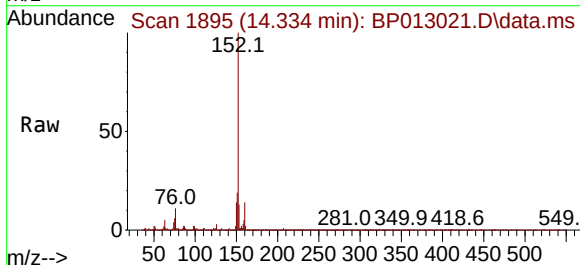
Instrument :
BNA_P
ClientSampleId :
DBXM7

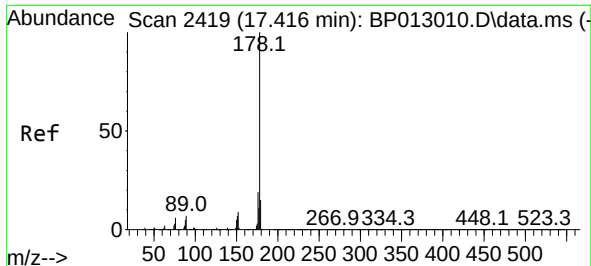
Tgt Ion:128 Resp: 177526
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 13.3 10.4 15.6



#50
Acenaphthylene
Concen: 2.854 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

Tgt Ion:152 Resp: 546089
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.3 10.6 16.0

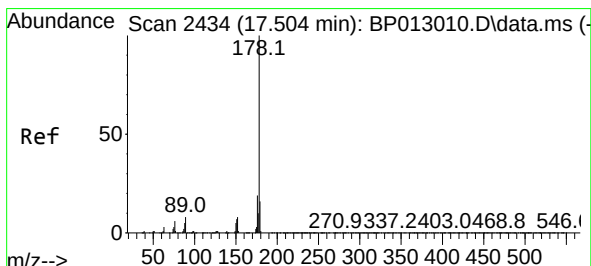
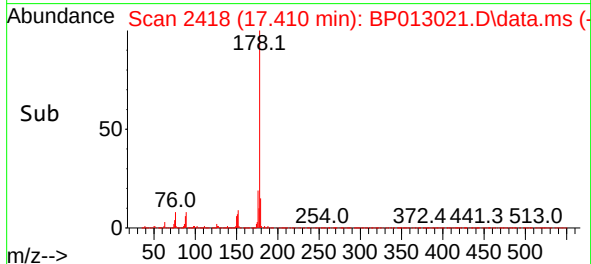
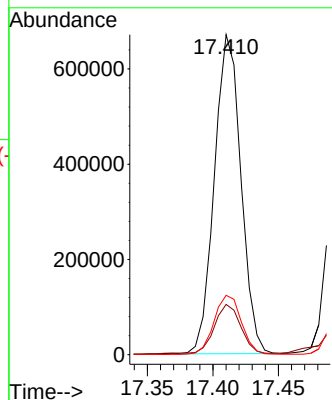
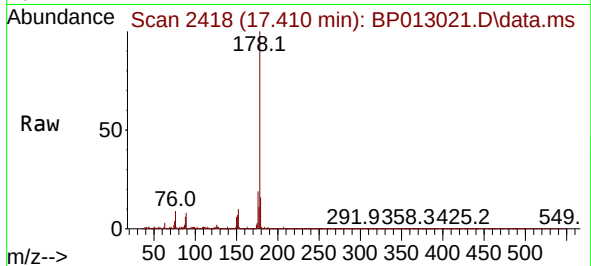




#72
Phenanthrene
Concen: 3.947 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

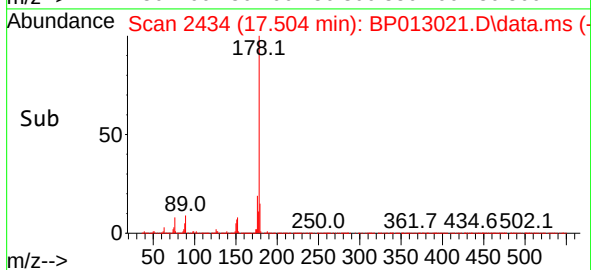
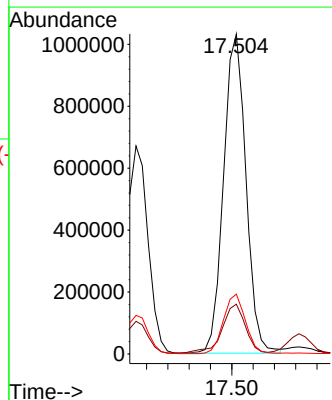
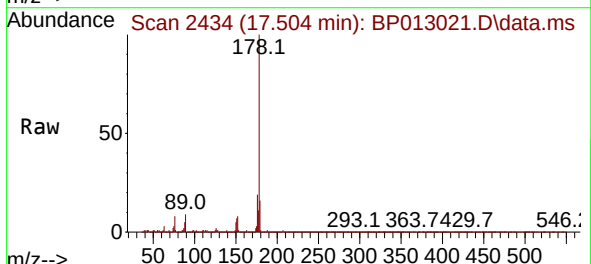
Instrument :
BNA_P
ClientSampleId :
DBXM7

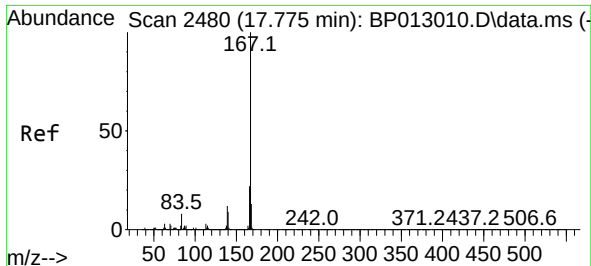
Tgt Ion:178 Resp: 942176
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 18.6 15.4 23.0



#74
Anthracene
Concen: 6.313 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

Tgt Ion:178 Resp: 1504817
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.7 14.8 22.2

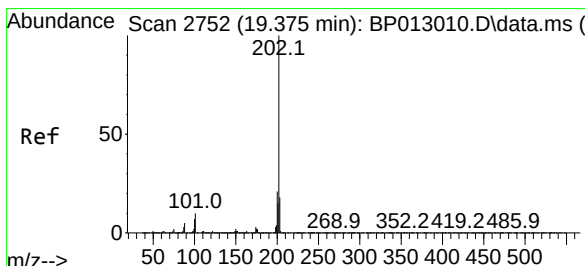
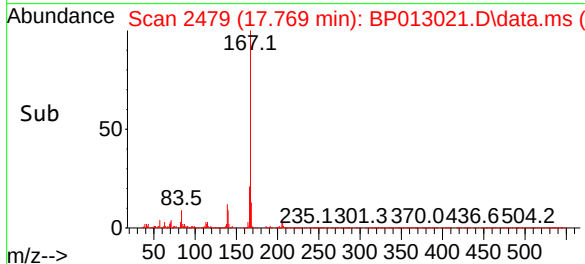
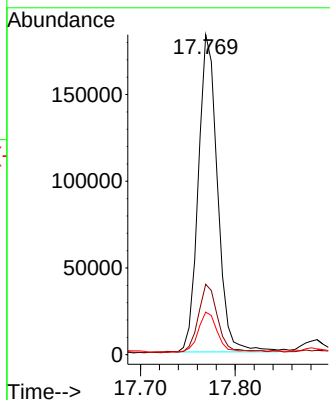
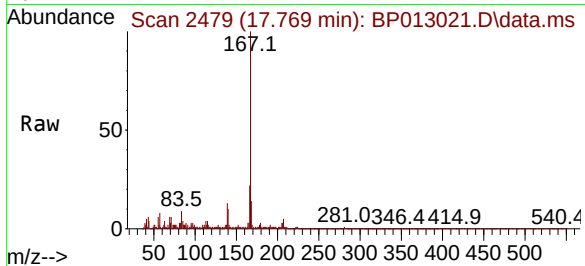




#77
 Carbazole
 Concen: 1.281 ng/ul
 RT: 17.769 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BP013021.D
 Acq: 09 Dec 2022 16:49

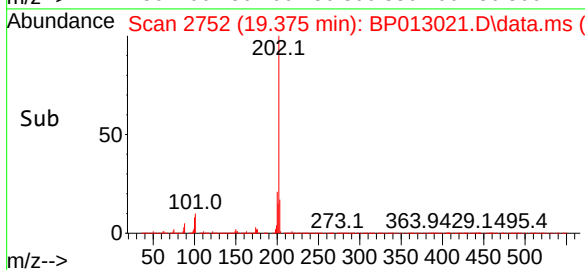
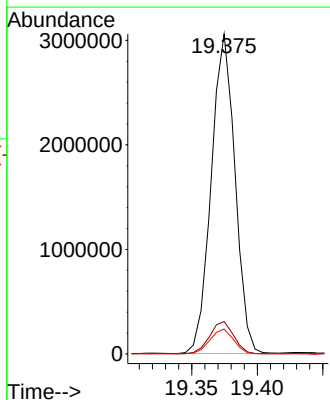
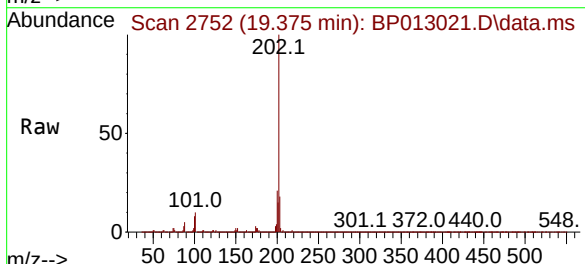
Instrument :
 BNA_P
 ClientSampleId :
 DBXM7

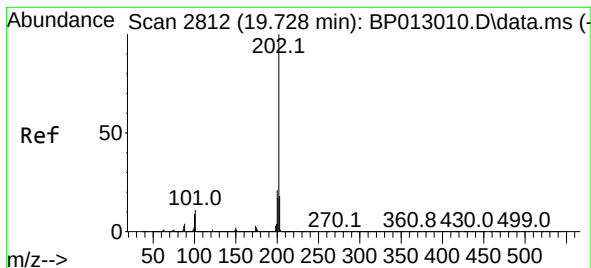
Tgt Ion:167 Resp: 257153
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.3 9.4 14.2



#80
 Fluoranthene
 Concen: 17.208 ng/ul
 RT: 19.375 min Scan# 2752
 Delta R.T. 0.000 min
 Lab File: BP013021.D
 Acq: 09 Dec 2022 16:49

Tgt Ion:202 Resp: 3852684
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.2 12.2
 100 7.8 6.1 9.1





#82

Pyrene

Concen: 20.347 ng/ul

RT: 19.728 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BP013021.D

Acq: 09 Dec 2022 16:49

Instrument :

BNA_P

ClientSampleId :

DBXM7

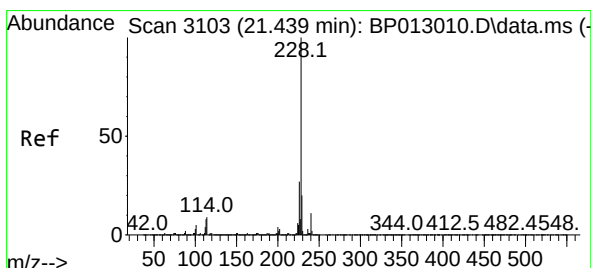
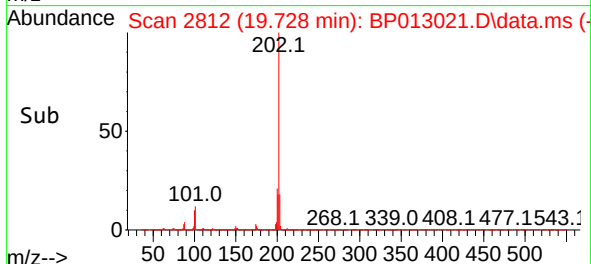
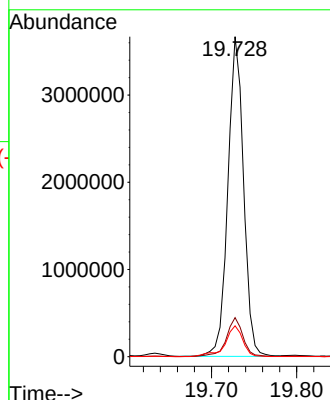
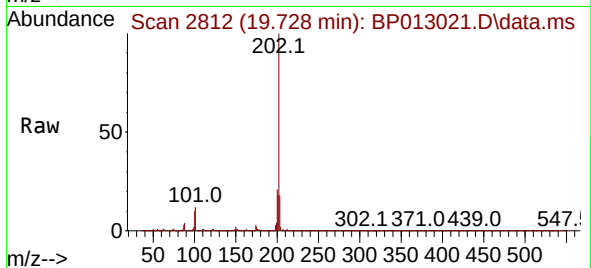
Tgt Ion:202 Resp: 4699129

Ion Ratio Lower Upper

202 100

101 12.2 9.4 14.2

100 9.6 7.8 11.8



#85

Benzo(a)anthracene

Concen: 11.460 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013021.D

Acq: 09 Dec 2022 16:49

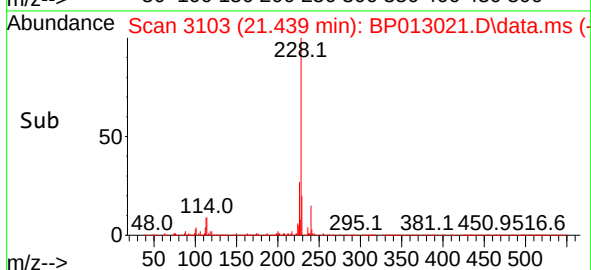
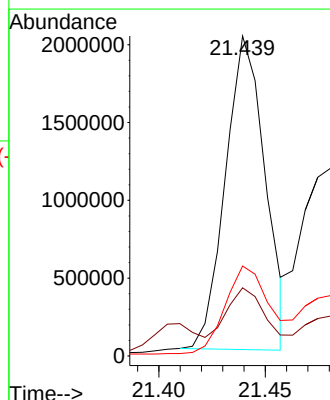
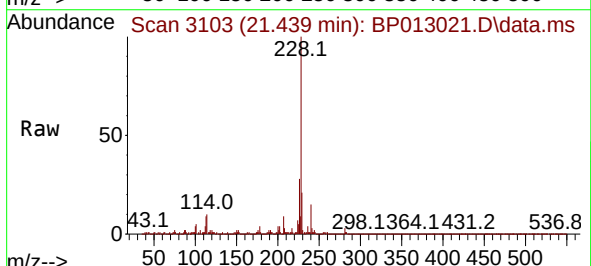
Tgt Ion:228 Resp: 2614376

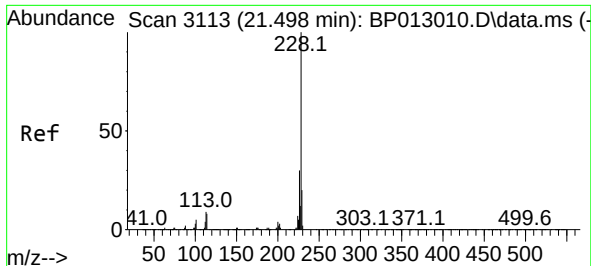
Ion Ratio Lower Upper

228 100

229 21.3 16.1 24.1

226 28.1 22.0 33.0

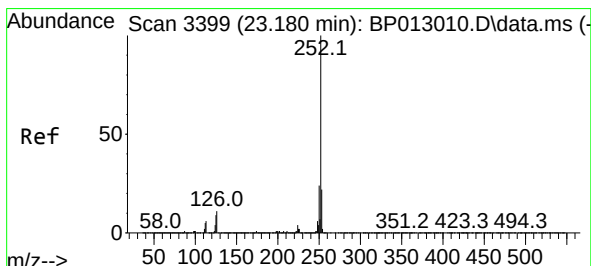
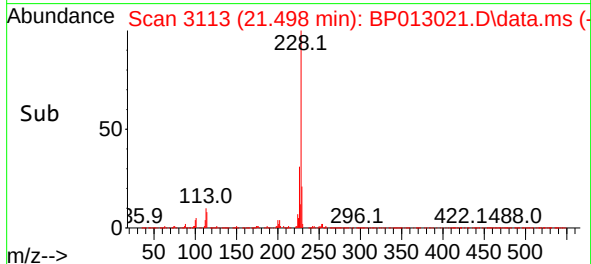
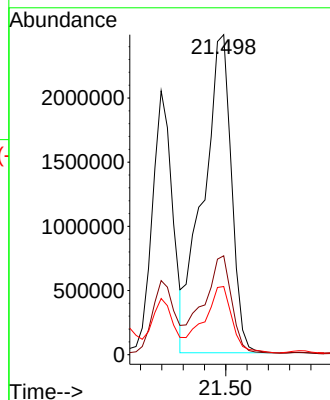
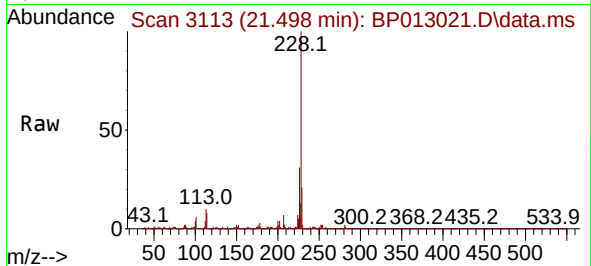




#87
Chrysene
Concen: 21.120 ng/ul
RT: 21.498 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

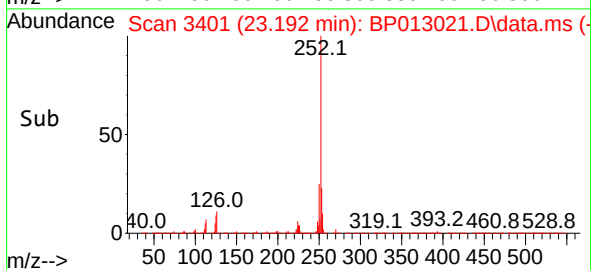
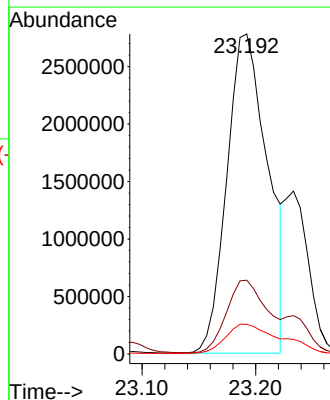
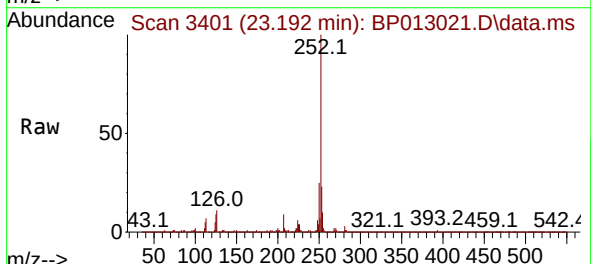
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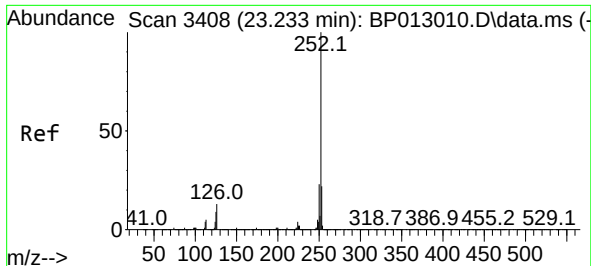
Tgt Ion:228 Resp: 4556391
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 21.3 16.0 24.0



#90
Benzo(b)fluoranthene
Concen: 34.457 ng/ul
RT: 23.192 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

Tgt Ion:252 Resp: 6937873
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 9.2 6.8 10.2

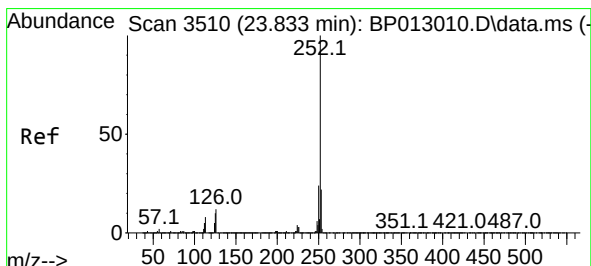
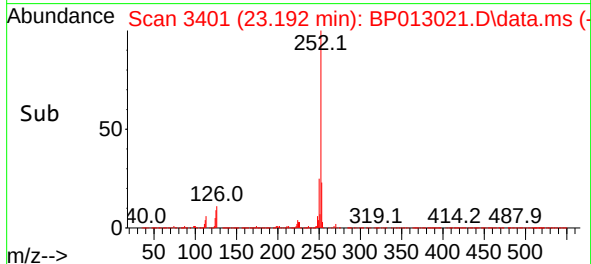
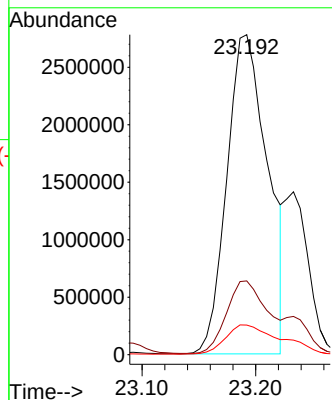
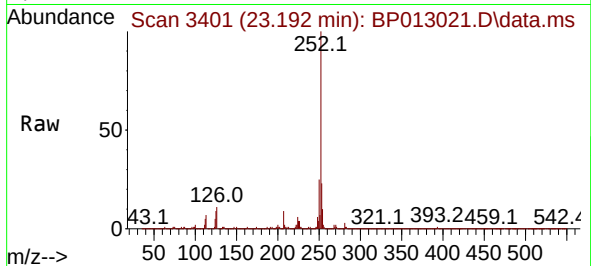




#91
Benzo(k)fluoranthene
Concen: 34.749 ng/ul
RT: 23.192 min Scan# 3408
Delta R.T. -0.041 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

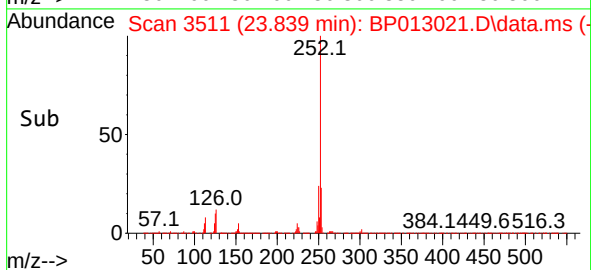
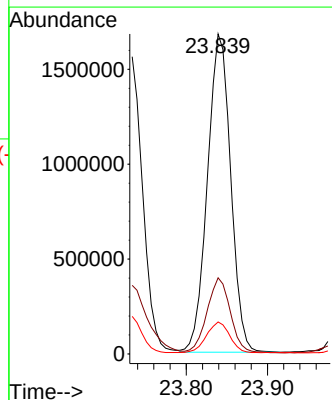
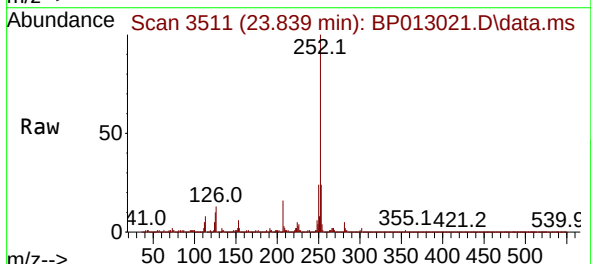
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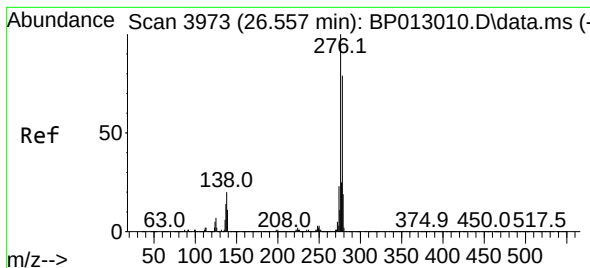
Tgt Ion:252 Resp: 6937873
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 9.2 6.8 10.2



#93
Benzo(a)pyrene
Concen: 19.078 ng/ul
RT: 23.839 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

Tgt Ion:252 Resp: 3344760
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 10.0 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 12.655 ng/ul

RT: 26.551 min Scan# 3973

Delta R.T. -0.006 min

Lab File: BP013021.D

Acq: 09 Dec 2022 16:49

Instrument :

BNA_P

ClientSampleId :

DBXM7

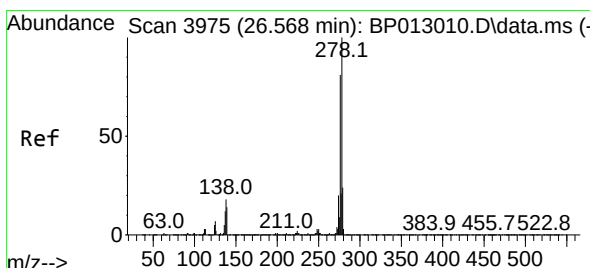
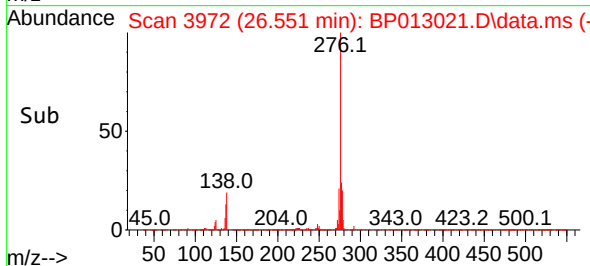
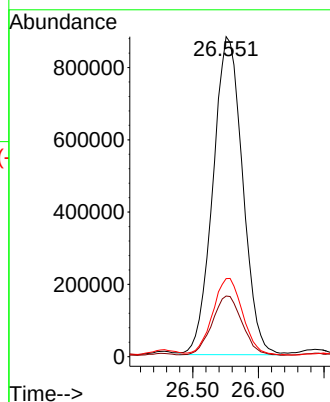
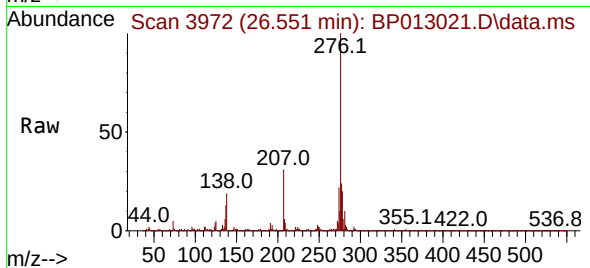
Tgt Ion:276 Resp: 2763554

Ion Ratio Lower Upper

276 100

138 19.0 17.1 25.7

277 24.4 20.0 30.0



#95

Dibenzo(a,h)anthracene

Concen: 1.047 ng/ul

RT: 26.686 min Scan# 3995

Delta R.T. 0.118 min

Lab File: BP013021.D

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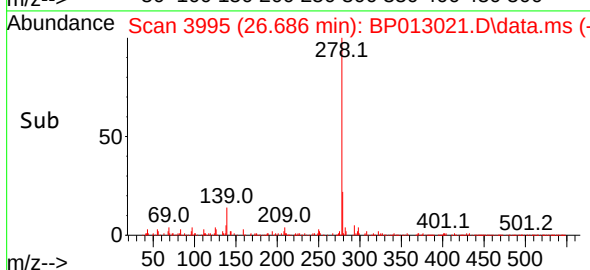
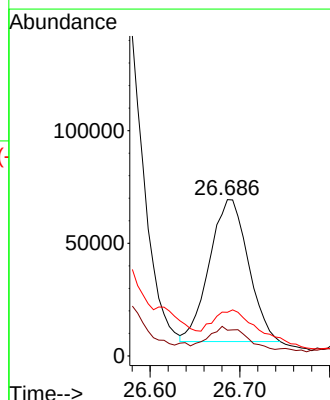
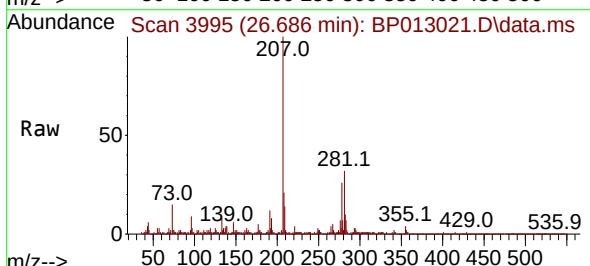
Tgt Ion:278 Resp: 189269

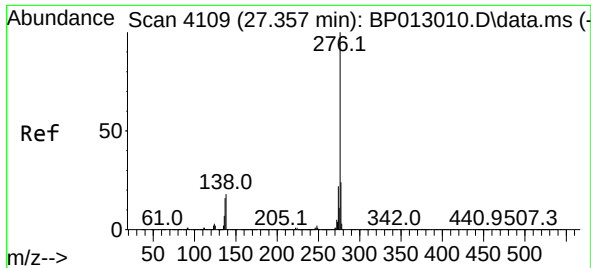
Ion Ratio Lower Upper

278 100

139 16.5 11.1 16.7

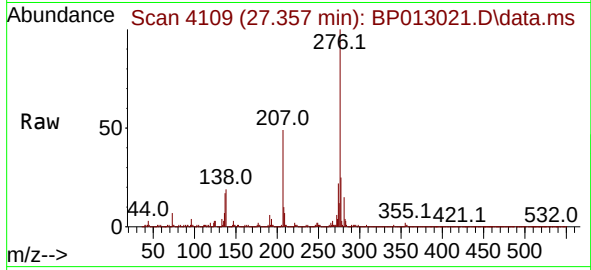
279 28.0 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 11.387 ng/ul
 RT: 27.357 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP013021.D
 Acq: 09 Dec 2022 16:49

Instrument :
 BNA_P
 ClientSampleId :
 DBXM7



Tgt Ion:276 Resp: 1996445
 Ion Ratio Lower Upper
 276 100
 138 19.3 15.4 23.2
 277 24.6 19.1 28.7

