

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
 Data File : BP013124.D
 Acq On : 19 Dec 2022 13:27
 Operator : CG/JU
 Sample : N5925-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXP4

Quant Time: Dec 19 21:45:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 21:43:11 2022
 Response via : Initial Calibration

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

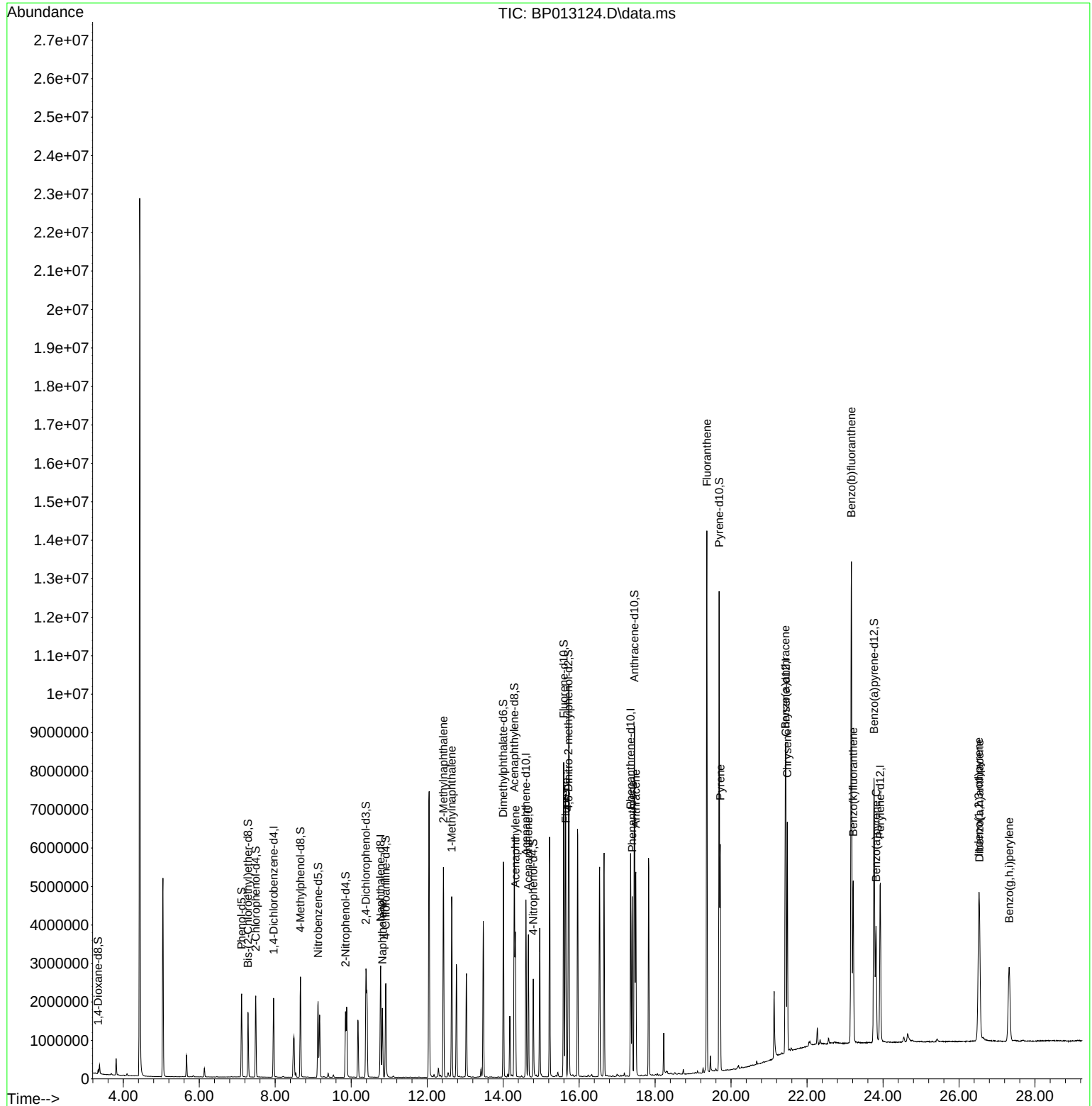
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	548167	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	2341888	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	1527134	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	3446516	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	3290827	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	3249769	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	52103	4.064	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.116	99	1222194	27.373	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	744056	27.625	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	929182	26.436	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	953719	26.069	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	449401	26.118	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	524651	27.084	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	1056871	28.089	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	1269190	23.894	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	3677563	31.334	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	4034022	31.280	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	589721	27.933	ng/u1	0.00
60) Fluorene-d10	15.592	176	3201831	32.246	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	650127	29.313	ng/u1	0.00
73) Anthracene-d10	17.457	188	5185182	33.348	ng/u1	0.00
81) Pyrene-d10	19.686	212	6249472	33.085	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.762	264	5445343	33.617	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.822	128	1401946	11.446	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	2514874	29.930	ng/u1	99
37) 1-Methylnaphthalene	12.645	142	2086806	24.150	ng/u1	99
50) Acenaphthylene	14.322	152	2518409	18.164	ng/u1	100
52) Acenaphthene	14.663	153	1413137	14.708	ng/u1	100
61) Fluorene	15.651	166	1551026	14.157	ng/u1	100
72) Phenanthrene	17.398	178	2786054	15.520	ng/u1	100
74) Anthracene	17.492	178	3375904	18.834	ng/u1	100
80) Fluoranthene	19.362	202	8229585	38.386	ng/u1	100
82) Pyrene	19.715	202	3427692	15.499	ng/u1	99
85) Benzo(a)anthracene	21.427	228	3269235	14.965	ng/u1	99
87) Chrysene	21.480	228	3077943	14.899	ng/u1	99
90) Benzo(b)fluoranthene	23.168	252	9772722	47.159	ng/u1	99
91) Benzo(k)fluoranthene	23.215	252	3071871	14.949	ng/u1	99
93) Benzo(a)pyrene	23.815	252	2375042	13.163	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	3165447	14.084	ng/u1	99
95) Dibenzo(a,h)anthracene	26.539	278	3161042	16.987	ng/u1	98
96) Benzo(g,h,i)perylene	27.321	276	2743083	15.202	ng/u1	99

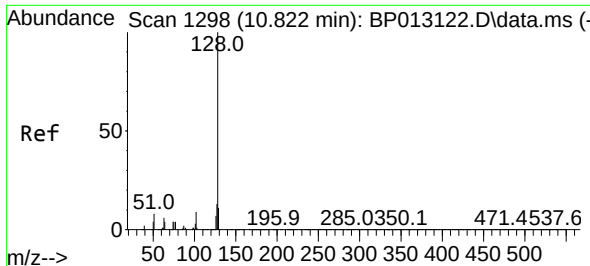
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013124.D
Acq On : 19 Dec 2022 13:27
Operator : CG/JU
Sample : N5925-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP4

Quant Time: Dec 19 21:45:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

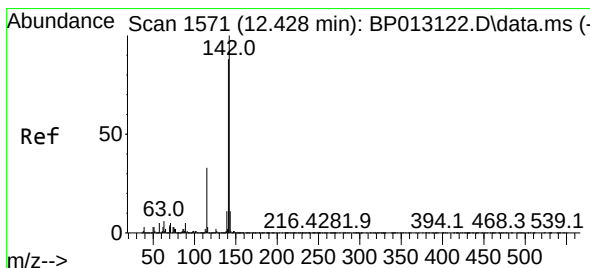
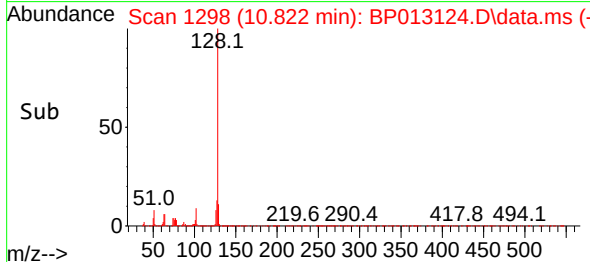
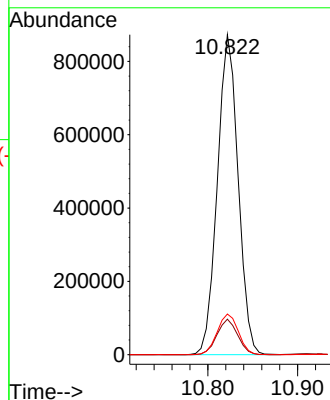
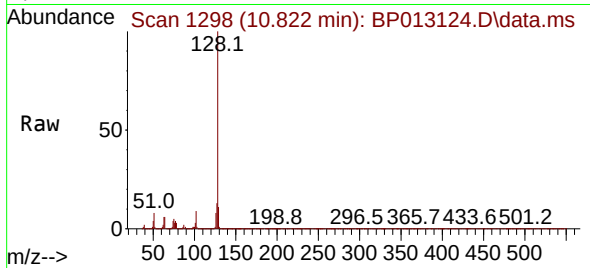




#30
Naphthalene
Concen: 11.446 ng/ul
RT: 10.822 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

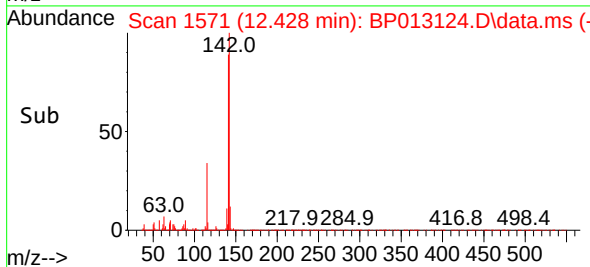
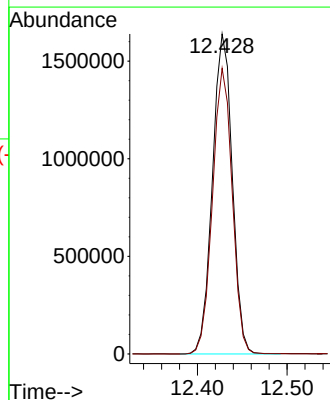
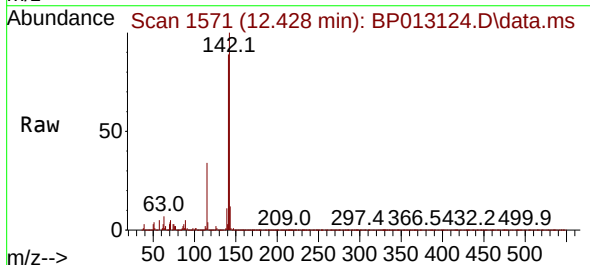
Instrument :
BNA_P
ClientSampleId :
DBXP4

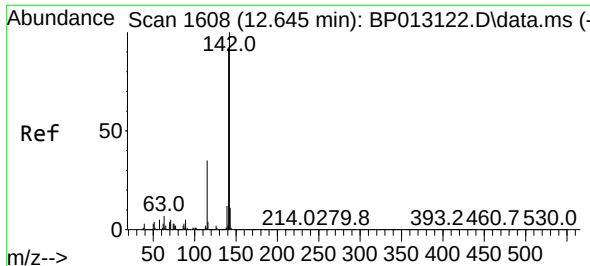
Tgt Ion:128 Resp: 1401946
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.7 10.4 15.6



#36
2-Methylnaphthalene
Concen: 29.930 ng/ul
RT: 12.428 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

Tgt Ion:142 Resp: 2514874
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2

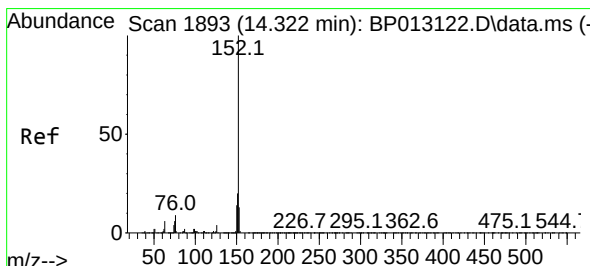
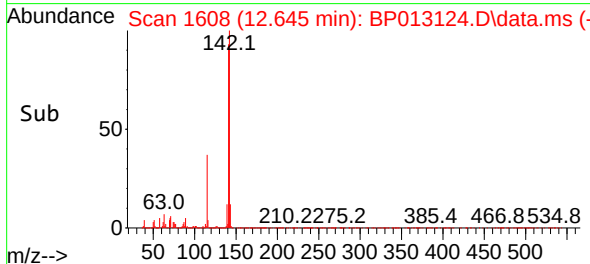
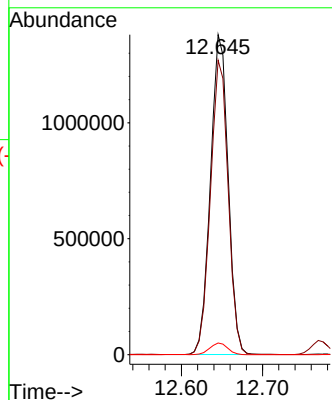
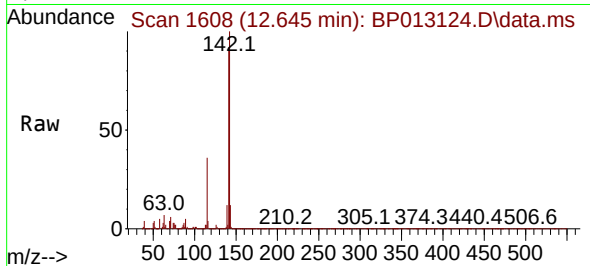




#37
1-Methylnaphthalene
Concen: 24.150 ng/ul
RT: 12.645 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

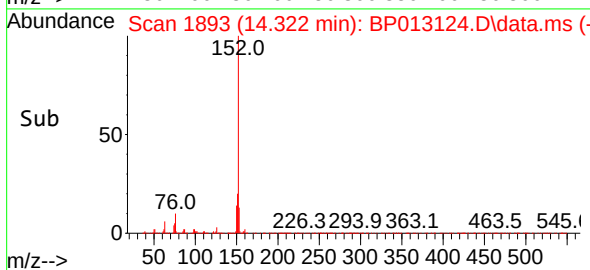
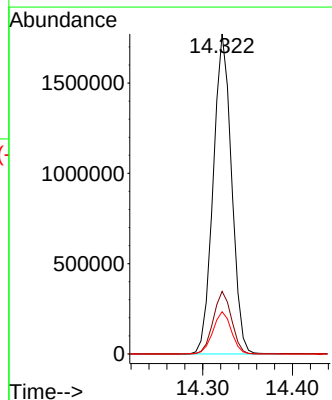
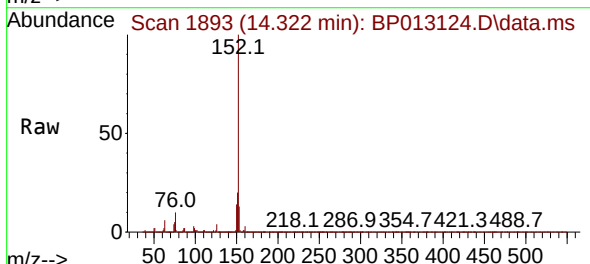
Instrument :
BNA_P
ClientSampleId :
DBXP4

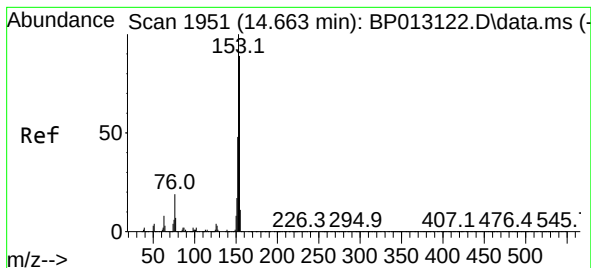
Tgt Ion:142 Resp: 2086806
Ion Ratio Lower Upper
142 100
141 92.0 72.7 109.1
116 3.6 2.7 4.1



#50
Acenaphthylene
Concen: 18.164 ng/ul
RT: 14.322 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

Tgt Ion:152 Resp: 2518409
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.2 10.6 16.0





#52

Acenaphthene

Concen: 14.708 ng/ul

RT: 14.663 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BP013124.D

Acq: 19 Dec 2022 13:27

Instrument :

BNA_P

ClientSampleId :

DBXP4

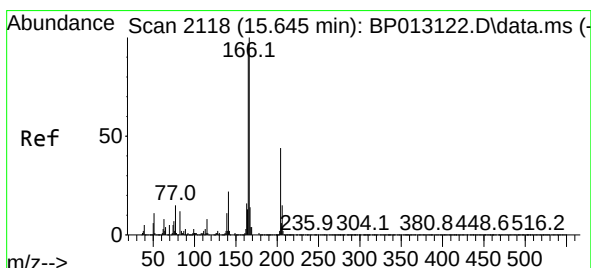
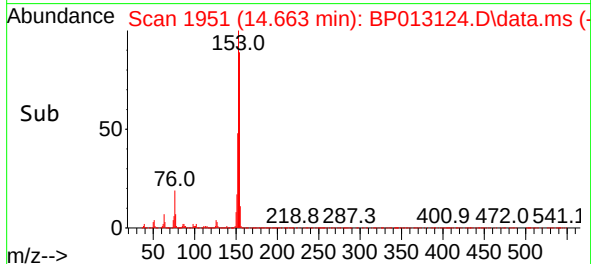
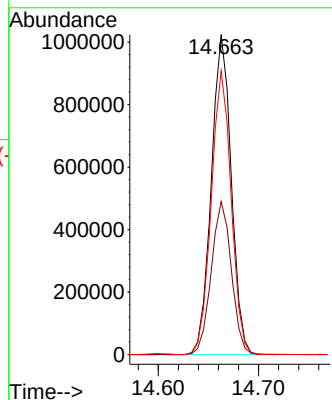
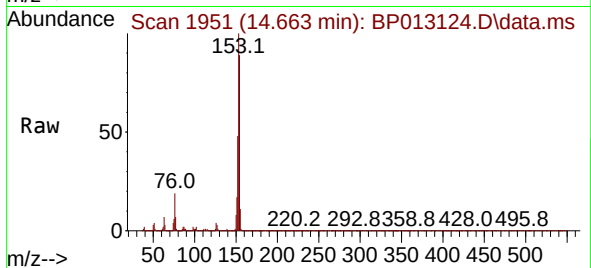
Tgt Ion:153 Resp: 1413137

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.4

154 88.6 70.8 106.2



#61

Fluorene

Concen: 14.157 ng/ul

RT: 15.651 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BP013124.D

Acq: 19 Dec 2022 13:27

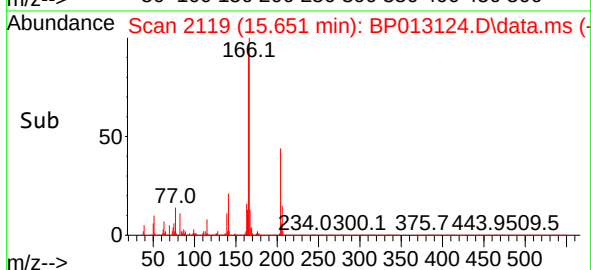
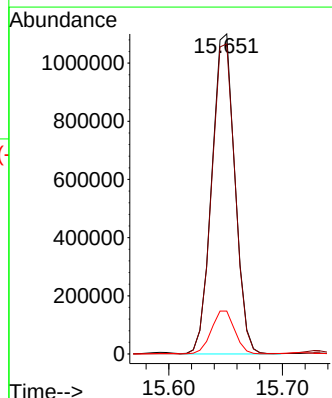
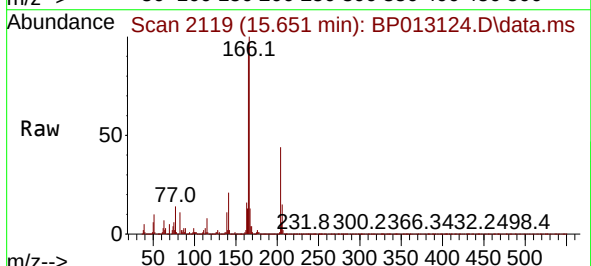
Tgt Ion:166 Resp: 1551026

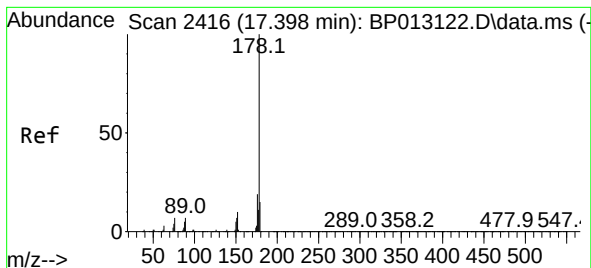
Ion Ratio Lower Upper

166 100

165 96.9 77.4 116.2

167 13.4 10.6 16.0





#72

Phenanthrene

Concen: 15.520 ng/ul

RT: 17.398 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BP013124.D

Acq: 19 Dec 2022 13:27

Instrument :

BNA_P

ClientSampleId :

DBXP4

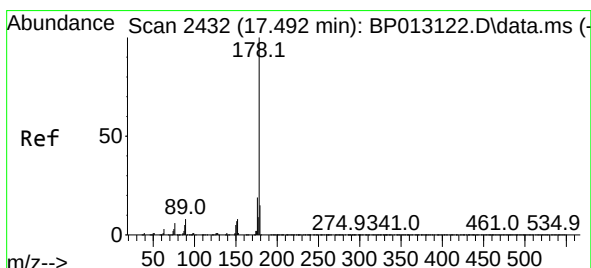
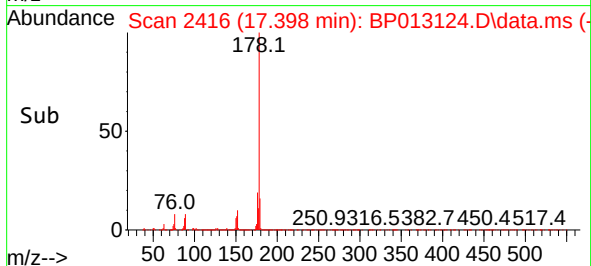
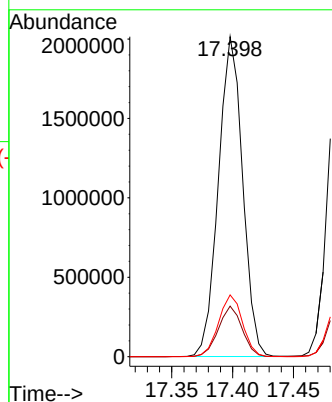
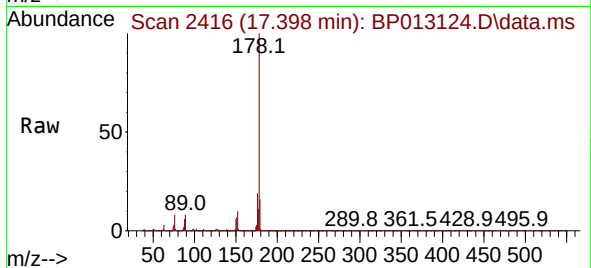
Tgt Ion:178 Resp: 2786054

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.3 15.4 23.0



#74

Anthracene

Concen: 18.834 ng/ul

RT: 17.492 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BP013124.D

Acq: 19 Dec 2022 13:27

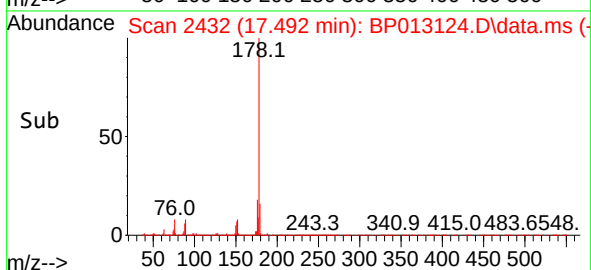
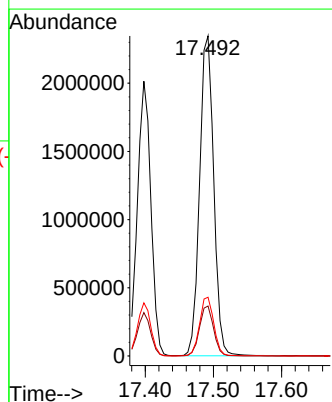
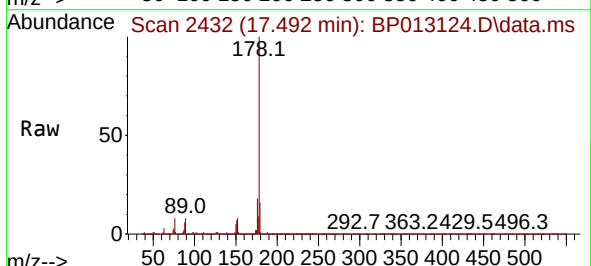
Tgt Ion:178 Resp: 3375904

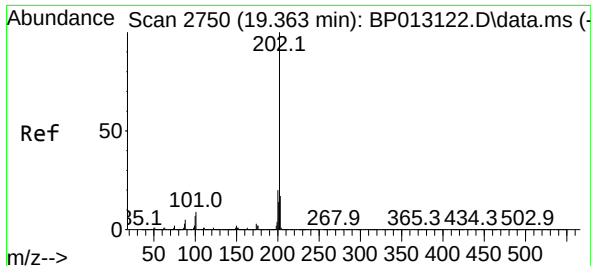
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.4 14.8 22.2

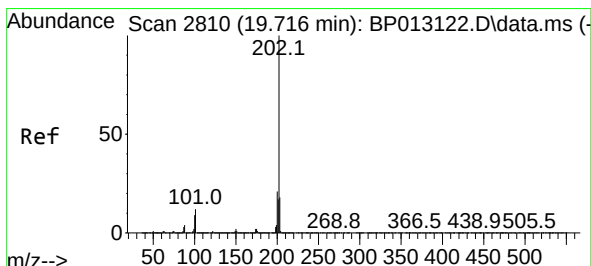
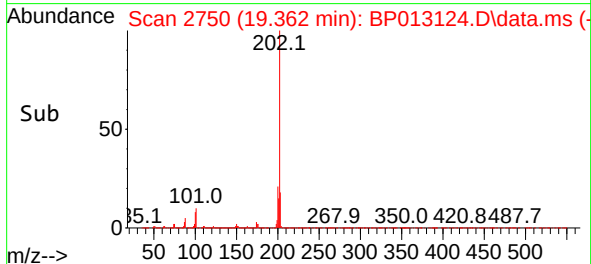
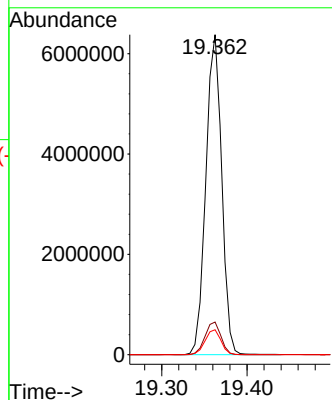
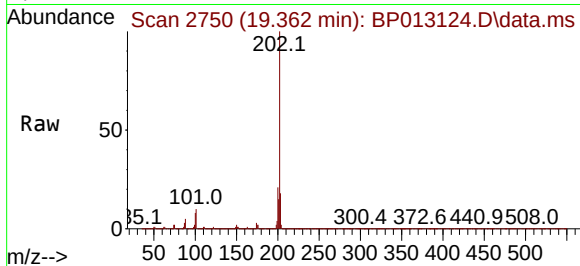




#80
Fluoranthene
Concen: 38.386 ng/u1
RT: 19.362 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

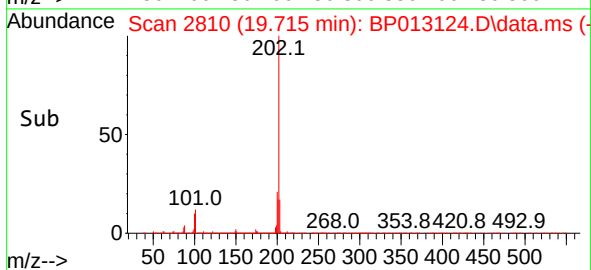
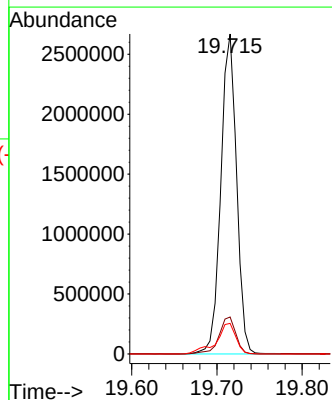
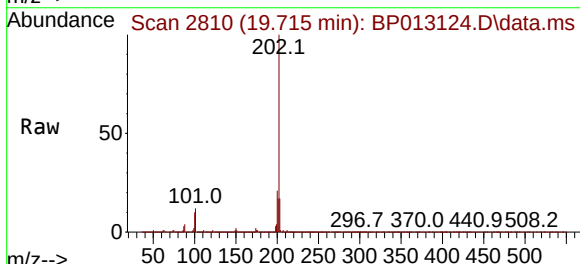
Instrument :
BNA_P
ClientSampleId :
DBXP4

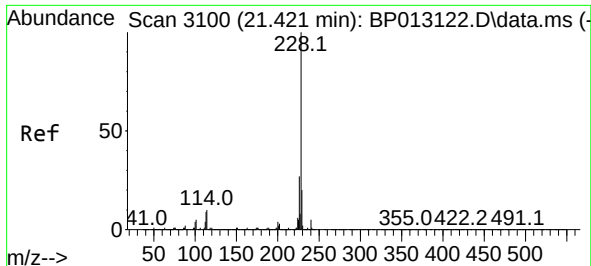
Tgt Ion:202 Resp: 8229585
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 7.8 6.1 9.1



#82
Pyrene
Concen: 15.499 ng/u1
RT: 19.715 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

Tgt Ion:202 Resp: 3427692
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 9.6 7.8 11.8

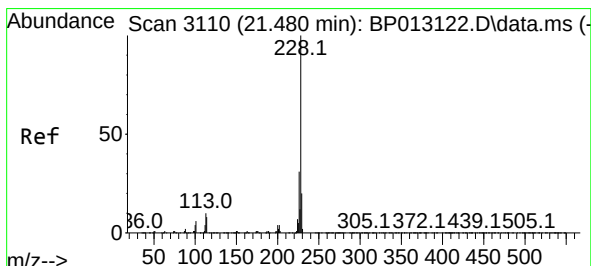
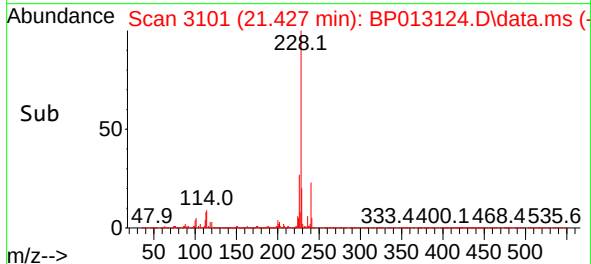
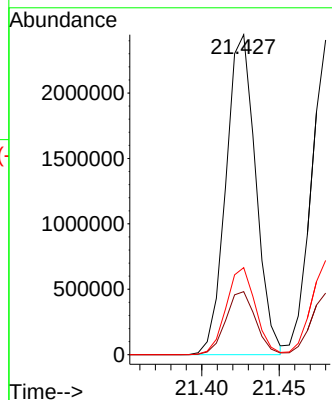
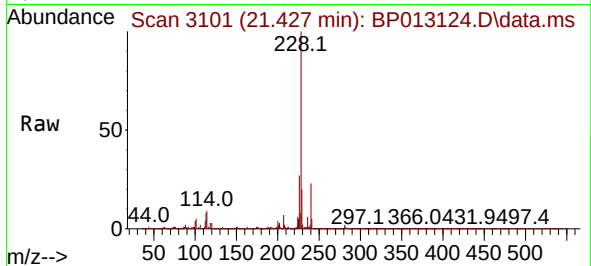




#85
Benzo(a)anthracene
Concen: 14.965 ng/ul
RT: 21.427 min Scan# 3101
Delta R.T. 0.006 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

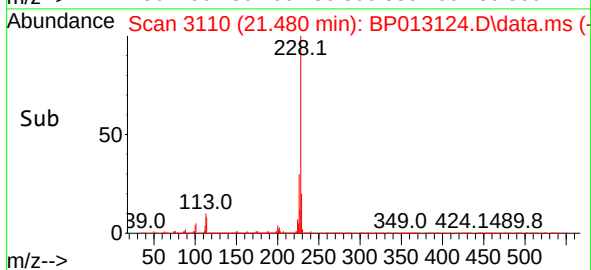
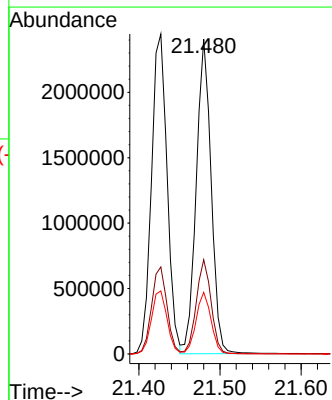
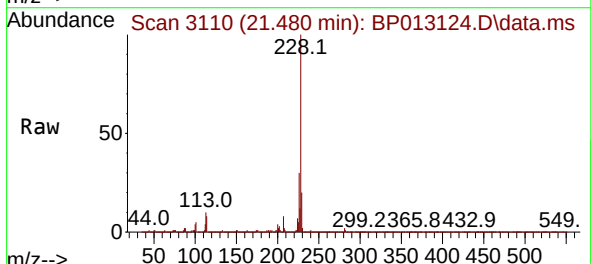
Instrument :
BNA_P
ClientSampleId :
DBXP4

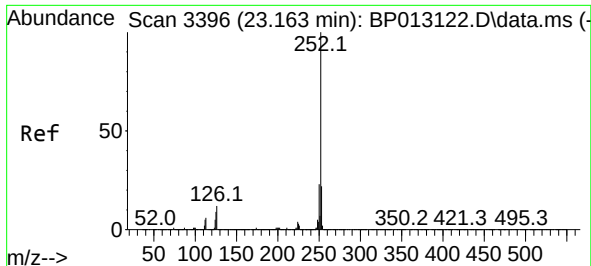
Tgt Ion:228 Resp: 3269235
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.2 22.0 33.0



#87
Chrysene
Concen: 14.899 ng/ul
RT: 21.480 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

Tgt Ion:228 Resp: 3077943
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 19.6 16.0 24.0

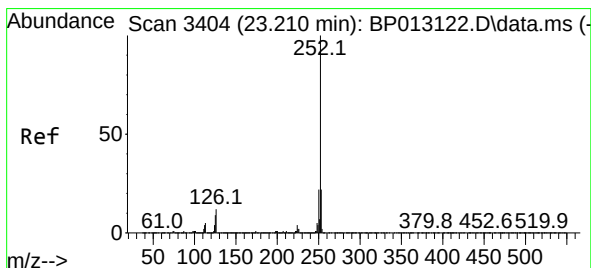
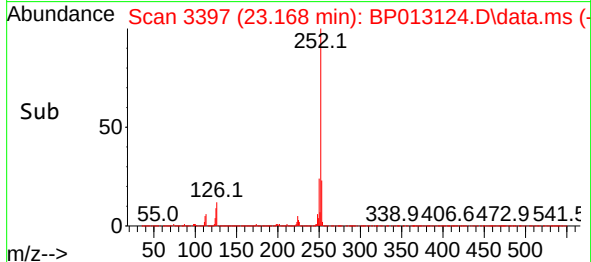
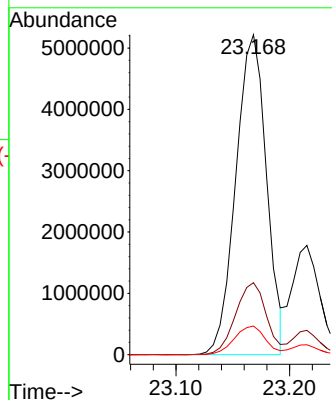
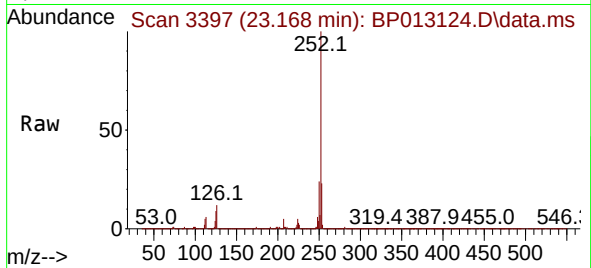




#90
Benzo(b)fluoranthene
Concen: 47.159 ng/ul
RT: 23.168 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

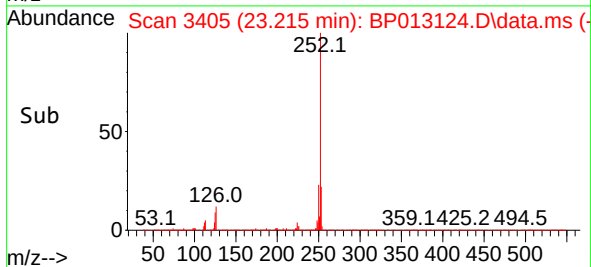
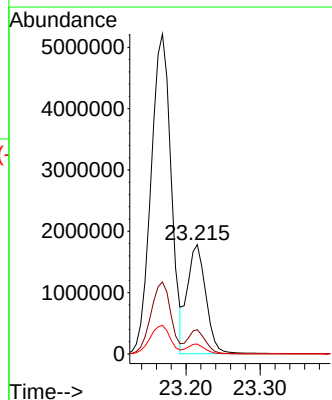
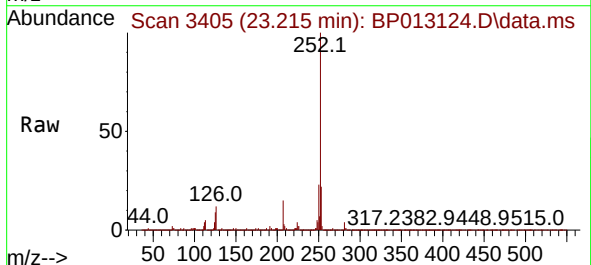
Instrument :
BNA_P
ClientSampleId :
DBXP4

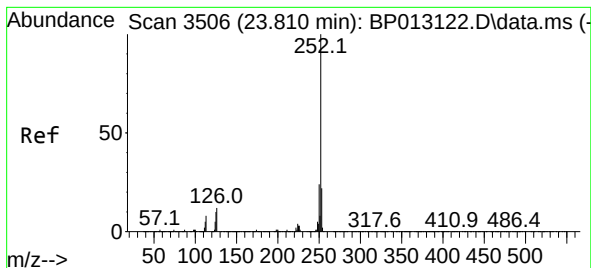
Tgt Ion:252 Resp: 9772722
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.0 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 14.949 ng/ul
RT: 23.215 min Scan# 3405
Delta R.T. 0.006 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

Tgt Ion:252 Resp: 3071871
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.0 6.8 10.2





#93

Benzo(a)pyrene

Concen: 13.163 ng/ul

RT: 23.815 min Scan# 3506

Delta R.T. 0.006 min

Lab File: BP013124.D

Acq: 19 Dec 2022 13:27

Instrument :

BNA_P

ClientSampleId :

DBXP4

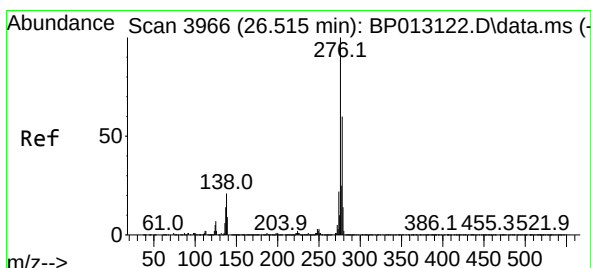
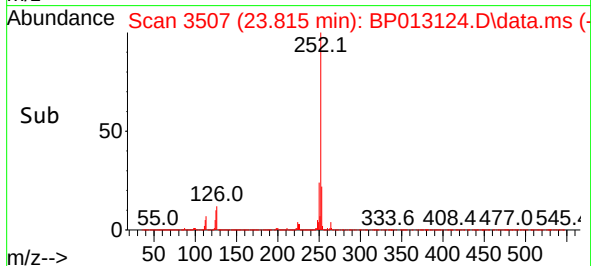
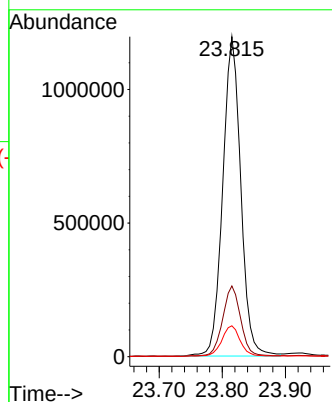
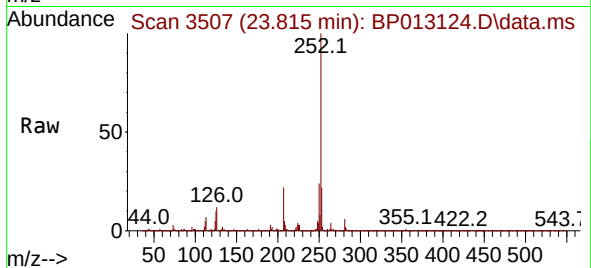
Tgt Ion:252 Resp: 2375042

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.6 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 14.084 ng/ul

RT: 26.521 min Scan# 3967

Delta R.T. 0.006 min

Lab File: BP013124.D

Acq: 19 Dec 2022 13:27

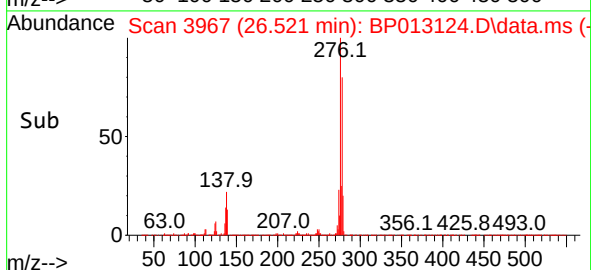
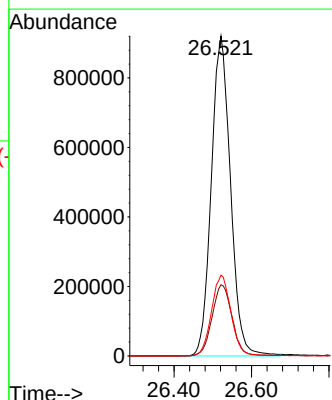
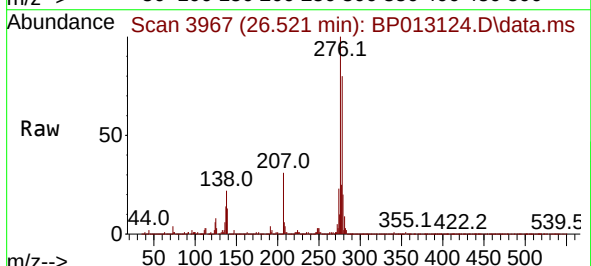
Tgt Ion:276 Resp: 3165447

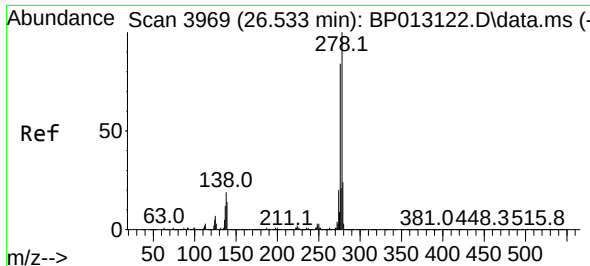
Ion Ratio Lower Upper

276 100

138 22.2 17.1 25.7

277 25.2 20.0 30.0

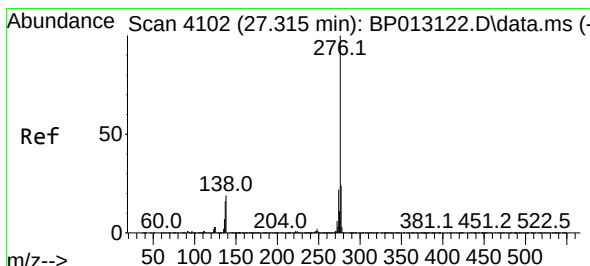
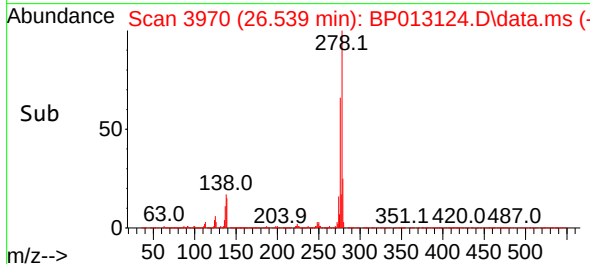
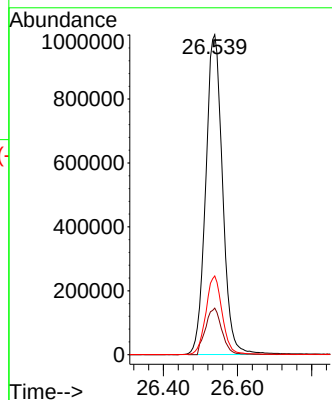
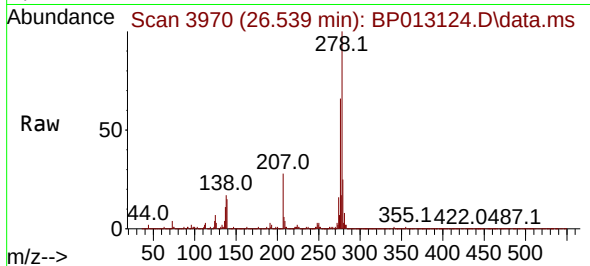




#95
Dibenzo(a,h)anthracene
Concen: 16.987 ng/ul
RT: 26.539 min Scan# 3969
Delta R.T. 0.006 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

Instrument :
BNA_P
ClientSampleId :
DBXP4

Tgt Ion:278 Resp: 3161042
Ion Ratio Lower Upper
278 100
139 14.6 11.1 16.7
279 24.6 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 15.202 ng/ul
RT: 27.321 min Scan# 4103
Delta R.T. 0.006 min
Lab File: BP013124.D
Acq: 19 Dec 2022 13:27

Tgt Ion:276 Resp: 2743083
Ion Ratio Lower Upper
276 100
138 18.8 15.4 23.2
277 23.7 19.1 28.7

