

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013015.D
 Acq On : 09 Dec 2022 13:24
 Operator : CG/JU
 Sample : N5896-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXMO

Quant Time: Dec 09 21:52:48 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

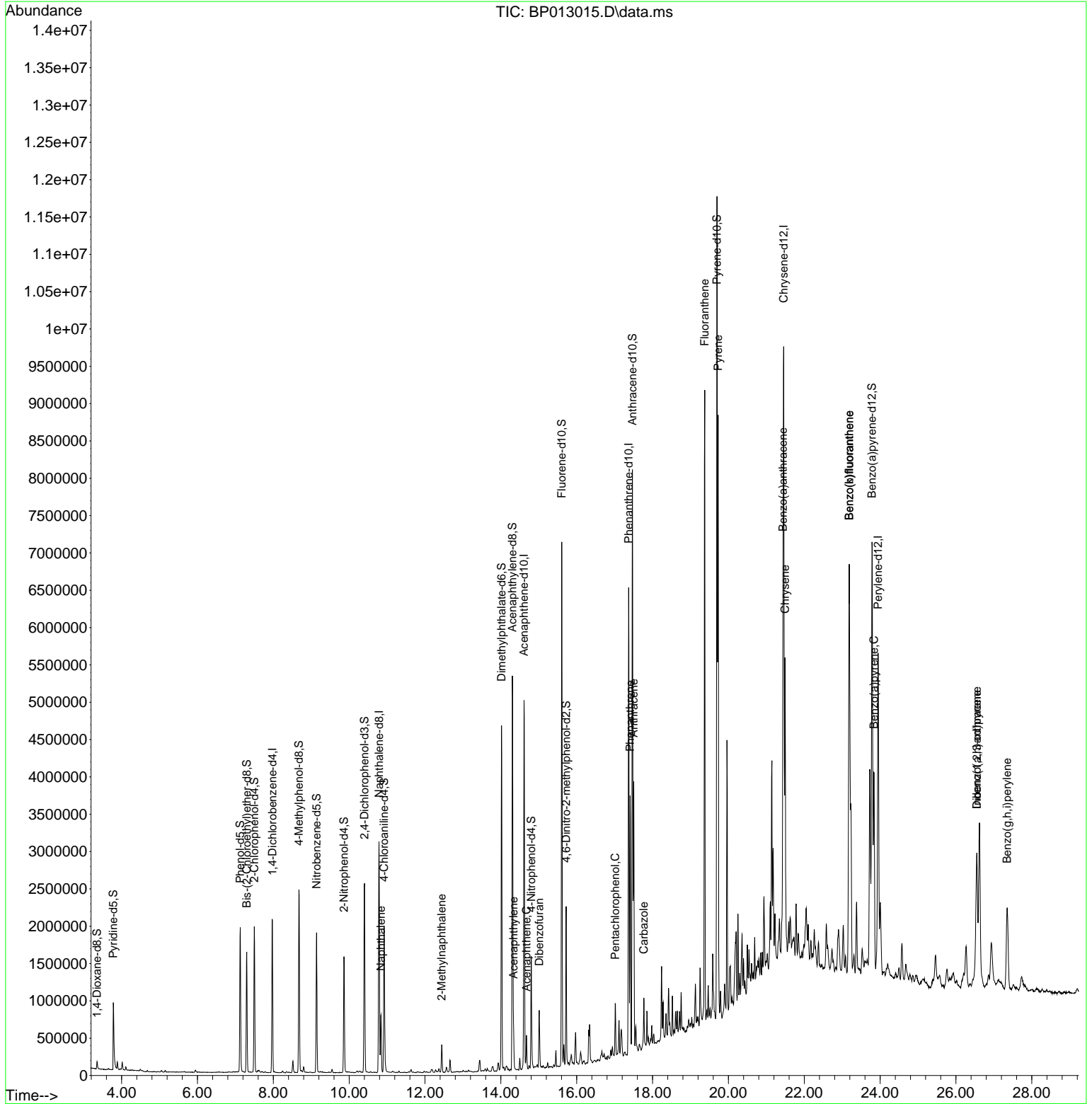
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	589349	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	2575482	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1688051	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	3808246	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3535945	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	3499630	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	51957	3.769	ng/uL	0.00
4) Pyridine-d5	3.781	84	517411	13.214	ng/ul	0.00
7) Phenol-d5	7.128	99	1113259	23.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	692186	23.903	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	898859	23.786	ng/ul	-0.01
15) 4-Methylphenol-d8	8.675	113	923336	23.475	ng/ul	-0.01
21) Nitrobenzene-d5	9.140	128	448633	23.709	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	508342	23.862	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	971004	23.466	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1071117	18.336	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	3137113	24.181	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	3467331	24.323	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	376508	16.134	ng/ul	-0.01
60) Fluorene-d10	15.604	176	2765704	25.199	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	439214	17.922	ng/ul	0.00
73) Anthracene-d10	17.469	188	4388256	25.542	ng/ul	0.00
81) Pyrene-d10	19.698	212	5226809	25.753	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	4511883	25.866	ng/ul	0.00
Target Compounds						
30) Naphthalene	10.840	128	634881	4.713	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	173597	1.879	ng/ul	98
50) Acenaphthylene	14.334	152	360190	2.350	ng/ul	98
52) Acenaphthene	14.675	153	179232	1.688	ng/ul	100
56) Dibenzofuran	15.010	168	466545	3.090	ng/ul	100
71) Pentachlorophenol	17.016	266	39209	1.318	ng/ul	95
72) Phenanthrene	17.410	178	2101099	10.593	ng/ul	100
74) Anthracene	17.504	178	2209953	11.158	ng/ul	100
77) Carbazole	17.769	167	371370	2.226	ng/ul	98
80) Fluoranthene	19.375	202	4940801	21.448	ng/ul	100
82) Pyrene	19.728	202	4666146	19.637	ng/ul	99
85) Benzo(a)anthracene	21.439	228	2185192	9.309	ng/ul	99
87) Chrysene	21.492	228	2805239	12.637	ng/ul	98
90) Benzo(b)fluoranthene	23.186	252	5109982	22.898	ng/ul	98
91) Benzo(k)fluoranthene	23.186	252	5109982	23.092	ng/ul	98
93) Benzo(a)pyrene	23.839	252	1938144	9.974	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.551	276	1952206	8.066	ng/ul	97
95) Dibenzo(a,h)anthracene	26.551	278	471036	2.350	ng/ul#	86
96) Benzo(g,h,i)perylene	27.351	276	1594618	8.206	ng/ul	100

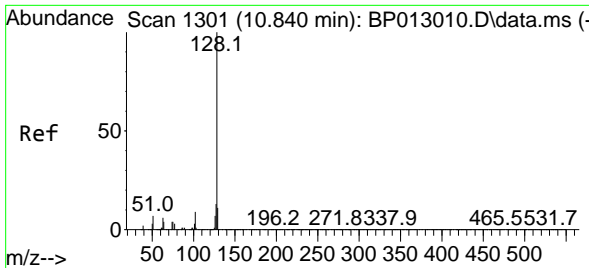
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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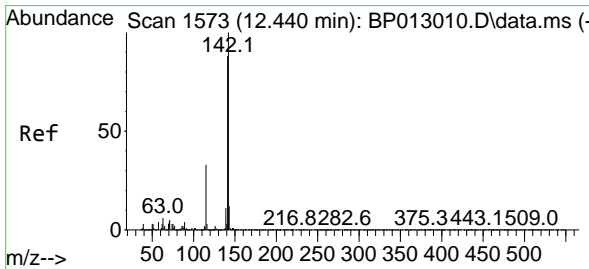
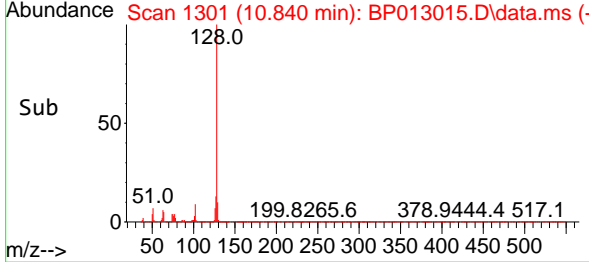
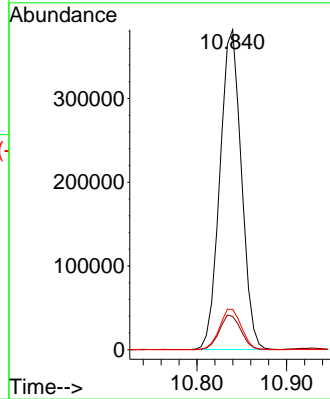
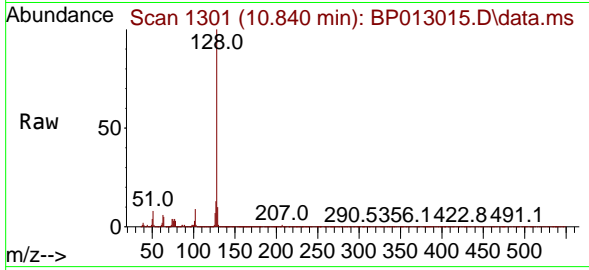


#30
 Naphthalene
 Concen: 4.713 ng/ul
 RT: 10.840 min Scan# 1301
 Delta R.T. -0.006 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Instrument :
 BNA_P
 ClientSampleId :
 DBXM0

Tgt Ion:128 Resp: 634881

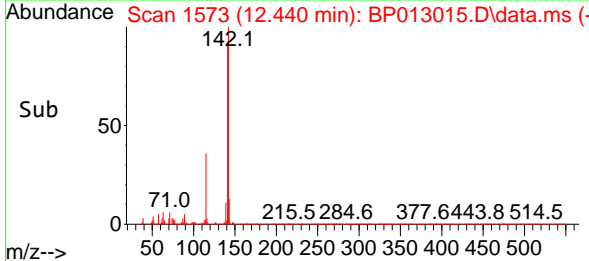
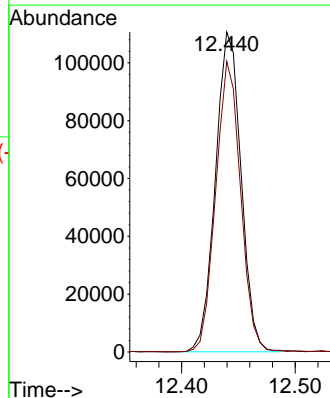
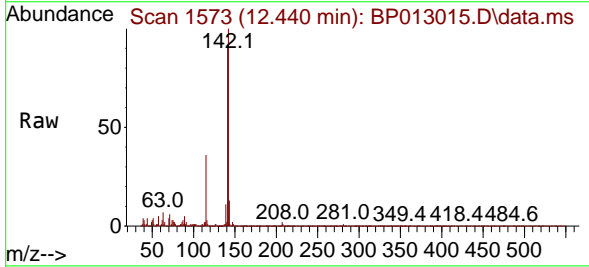
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	12.6	10.4	15.6

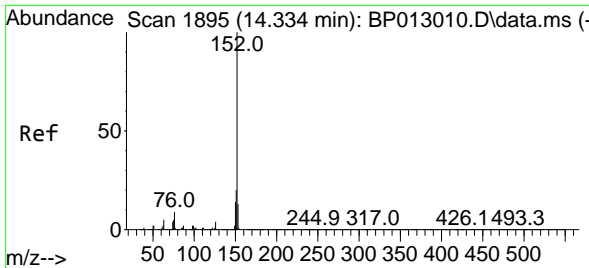


#36
 2-Methylnaphthalene
 Concen: 1.879 ng/ul
 RT: 12.440 min Scan# 1573
 Delta R.T. -0.012 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Tgt Ion:142 Resp: 173597

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2



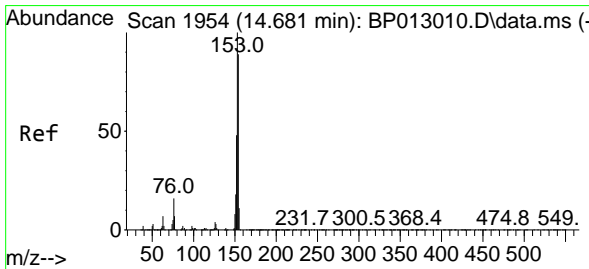
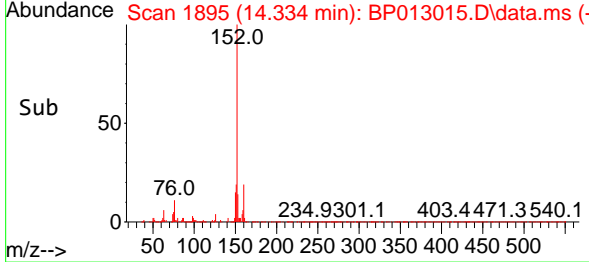
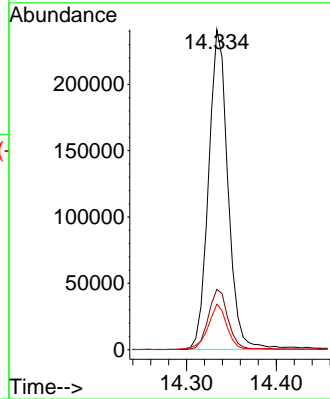
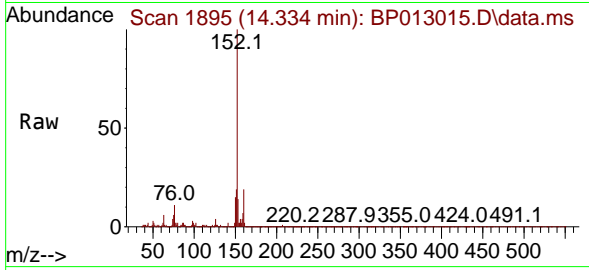


#50
 Acenaphthylene
 Concen: 2.350 ng/u1
 RT: 14.334 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Instrument :
 BNA_P
 ClientSampleId :
 DBXM0

Tgt Ion:152 Resp: 360190

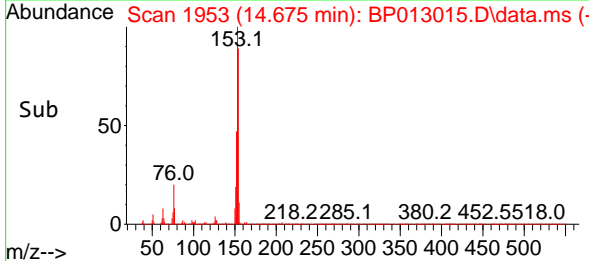
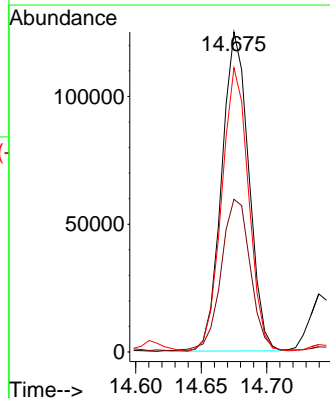
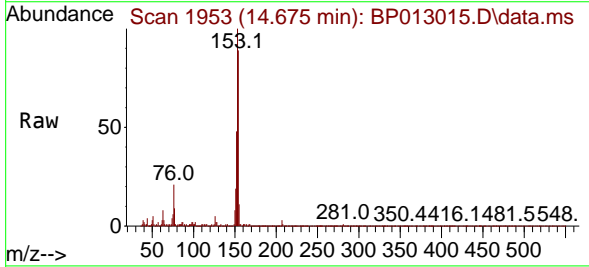
Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.8	23.6
153	14.2	10.6	16.0

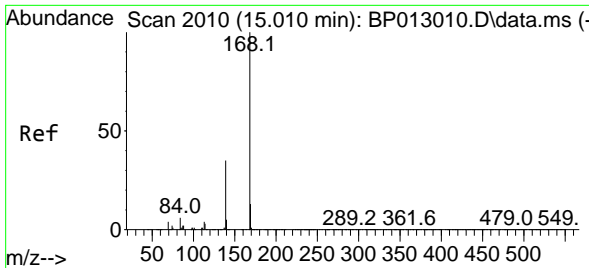


#52
 Acenaphthene
 Concen: 1.688 ng/u1
 RT: 14.675 min Scan# 1953
 Delta R.T. -0.006 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Tgt Ion:153 Resp: 179232

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.2	57.4
154	88.8	70.8	106.2

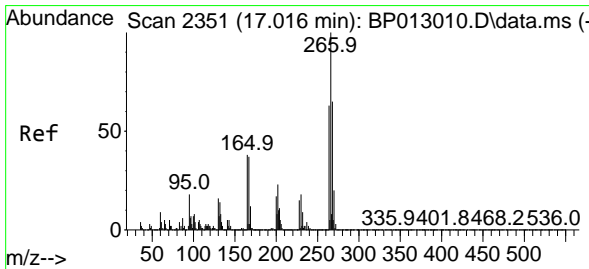
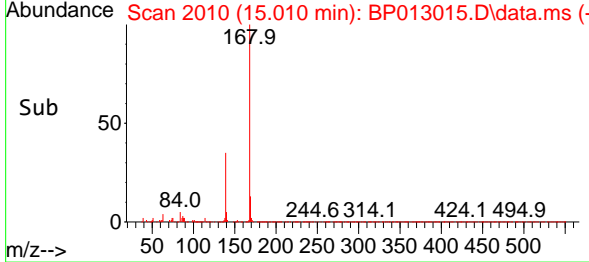
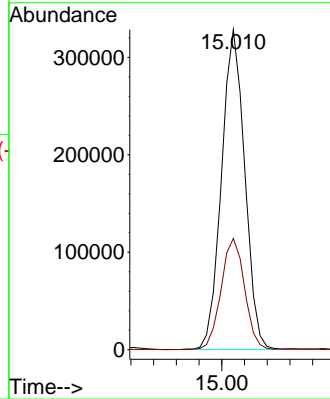
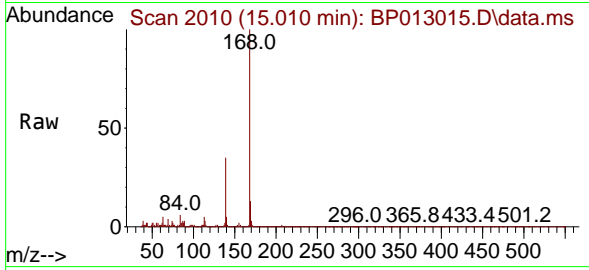




#56
 Dibenzofuran
 Concen: 3.090 ng/uI
 RT: 15.010 min Scan# 2010
 Delta R.T. -0.006 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

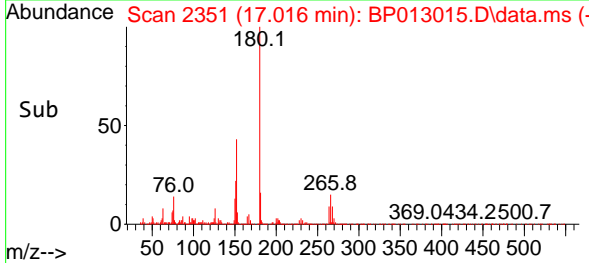
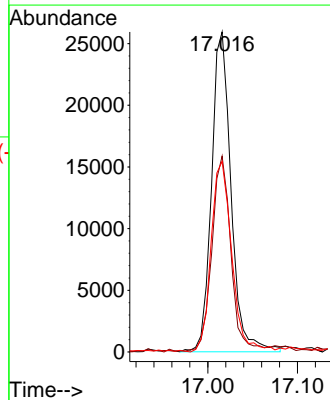
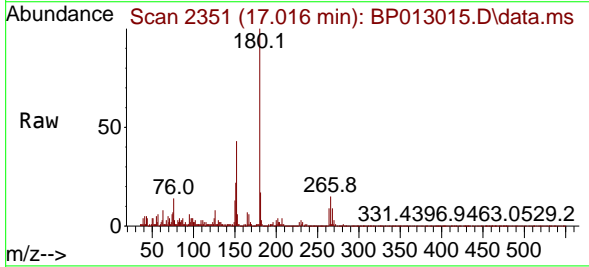
Instrument : BNA_P
 ClientSampleId : DBXM0

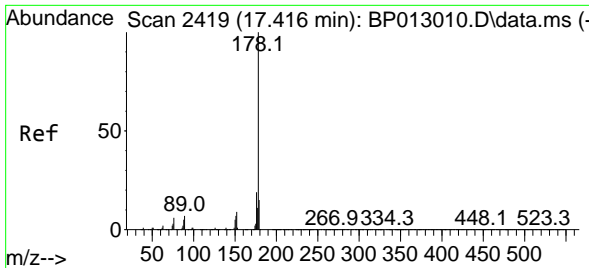
Tgt Ion:168 Resp: 466545
 Ion Ratio Lower Upper
 168 100
 139 34.8 27.9 41.9



#71
 Pentachlorophenol
 Concen: 1.318 ng/uI
 RT: 17.016 min Scan# 2351
 Delta R.T. 0.000 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Tgt Ion:266 Resp: 39209
 Ion Ratio Lower Upper
 266 100
 264 61.2 50.9 76.3
 268 59.6 51.4 77.2



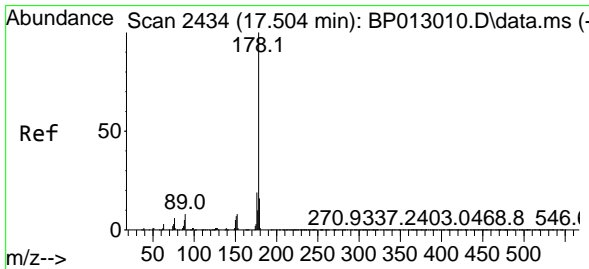
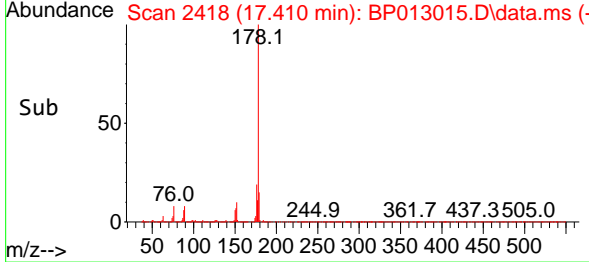
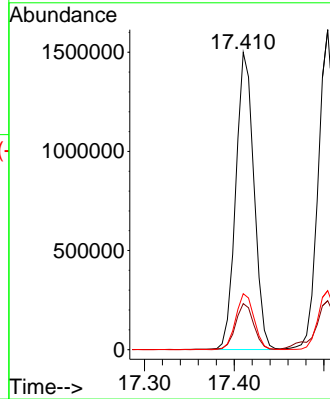
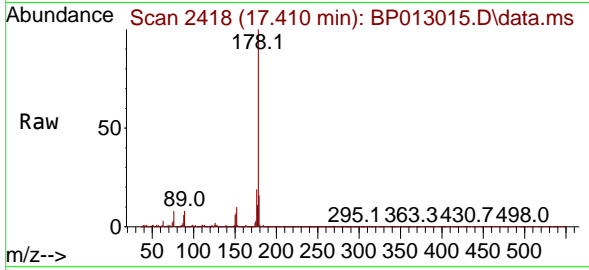


#72
 Phenanthrene
 Concen: 10.593 ng/uI
 RT: 17.410 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Instrument :
 BNA_P
 ClientSampleId :
 DBXM0

Tgt Ion:178 Resp: 2101099

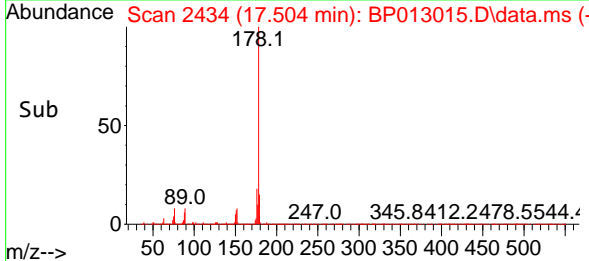
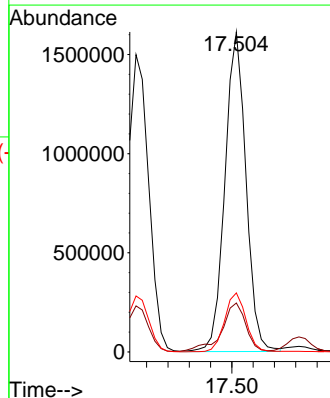
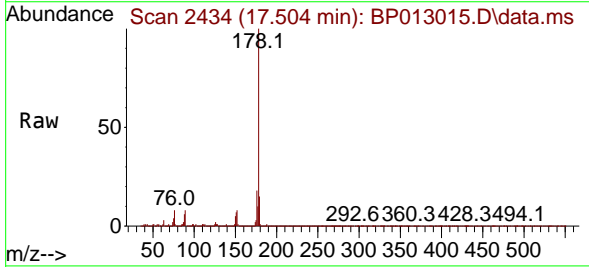
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.9	15.4	23.0

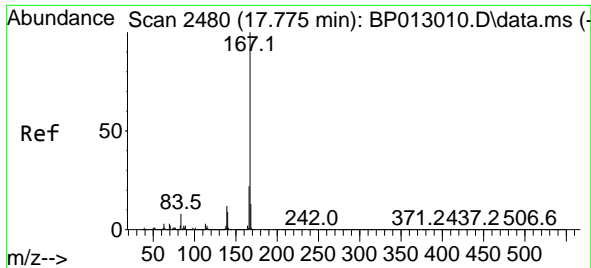


#74
 Anthracene
 Concen: 11.158 ng/uI
 RT: 17.504 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Tgt Ion:178 Resp: 2209953

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	18.4	14.8	22.2



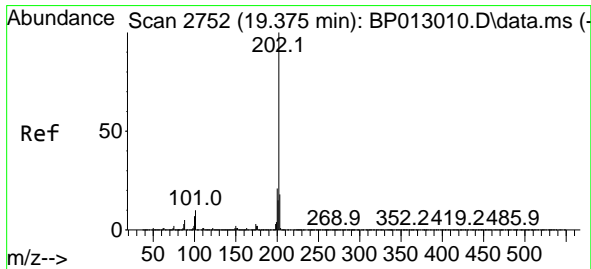
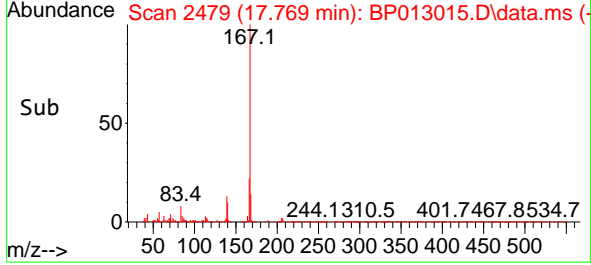
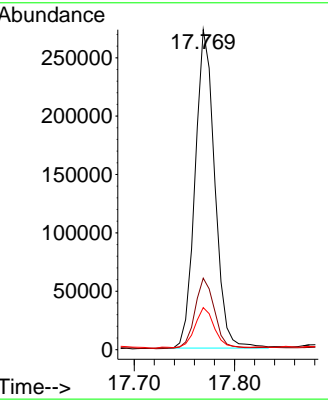
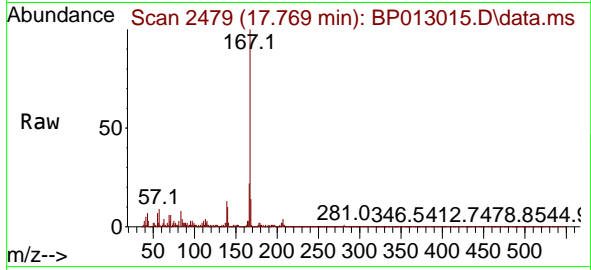


#77
 Carbazole
 Concen: 2.226 ng/u1
 RT: 17.769 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Instrument : BNA_P
 ClientSampleId : DBXM0

Tgt Ion:167 Resp: 371370

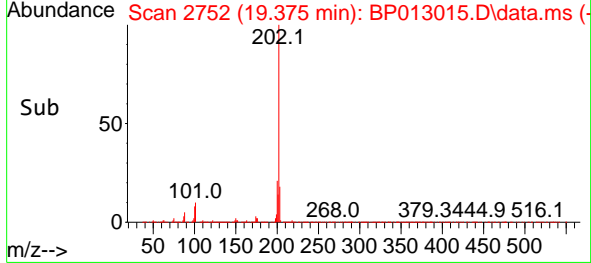
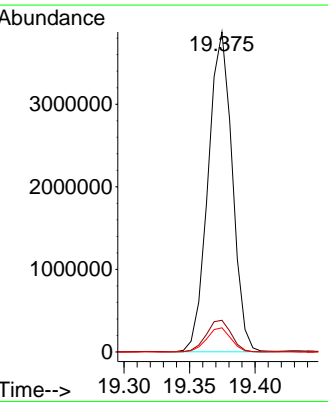
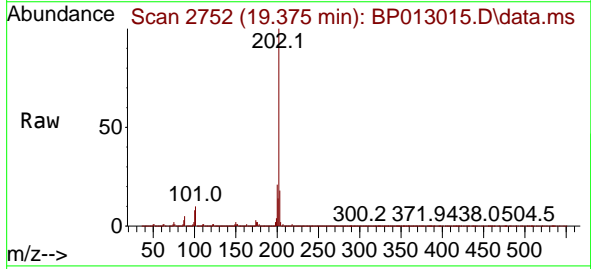
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.2	25.8
139	13.2	9.4	14.2

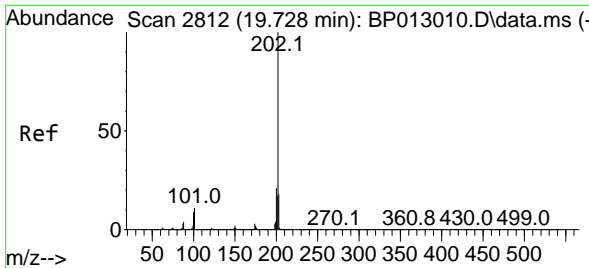


#80
 Fluoranthene
 Concen: 21.448 ng/u1
 RT: 19.375 min Scan# 2752
 Delta R.T. 0.000 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Tgt Ion:202 Resp: 4940801

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.2	12.2
100	7.6	6.1	9.1



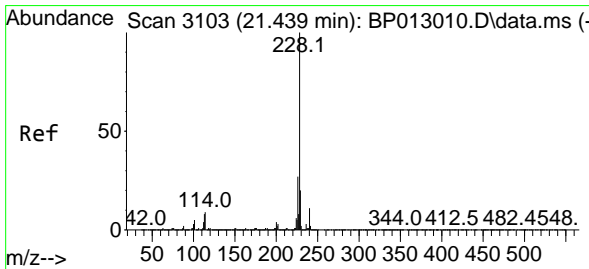
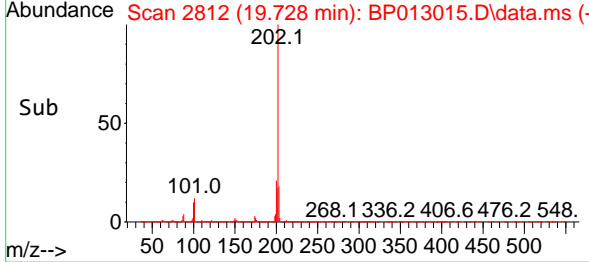
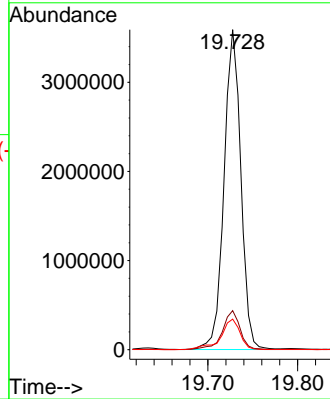
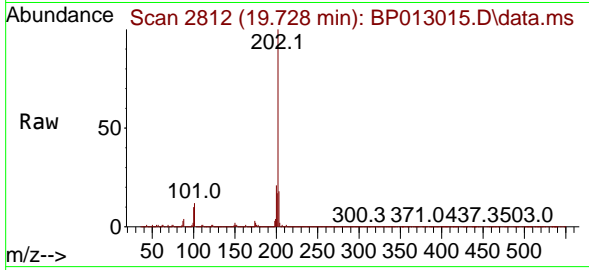


#82
 Pyrene
 Concen: 19.637 ng/u1
 RT: 19.728 min Scan# 2812
 Delta R.T. 0.000 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Instrument :
 BNA_P
 ClientSampleId :
 DBXM0

Tgt Ion:202 Resp: 4666146

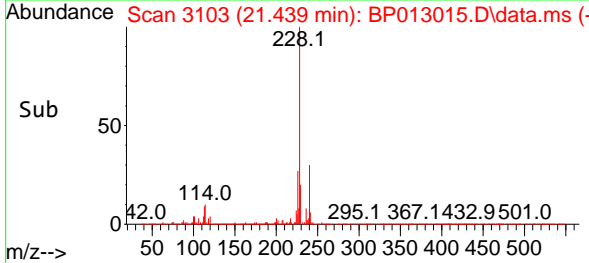
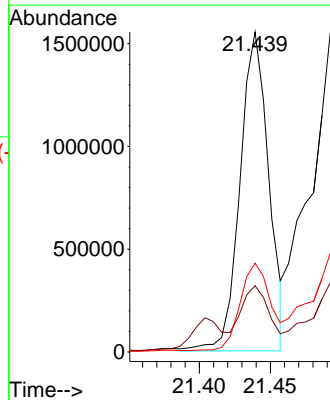
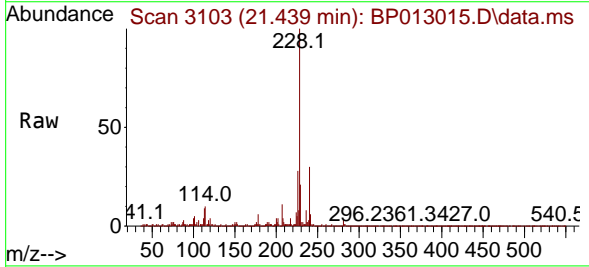
Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.4	14.2
100	9.6	7.8	11.8

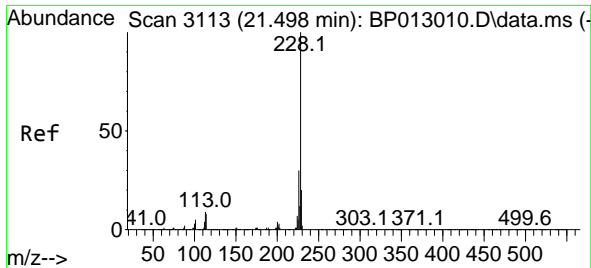


#85
 Benzo(a)anthracene
 Concen: 9.309 ng/u1
 RT: 21.439 min Scan# 3103
 Delta R.T. 0.000 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Tgt Ion:228 Resp: 2185192

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.1	24.1
226	27.7	22.0	33.0



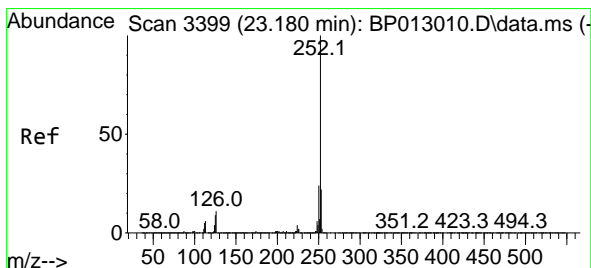
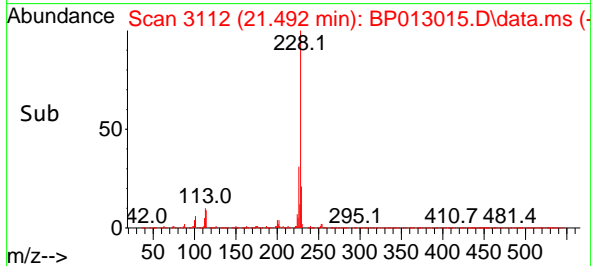
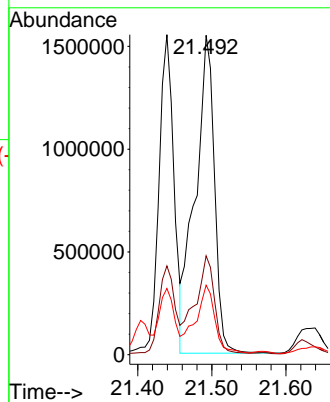
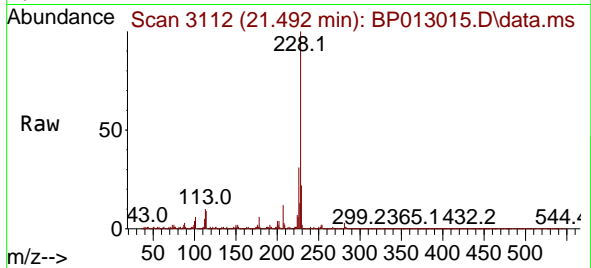


#87
 Chrysene
 Concen: 12.637 ng/u1
 RT: 21.492 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Instrument :
 BNA_P
 ClientSampleId :
 DBXM0

Tgt Ion:228 Resp: 2805239

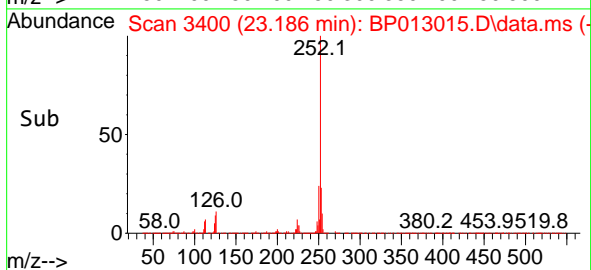
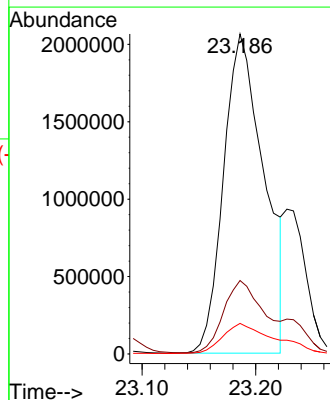
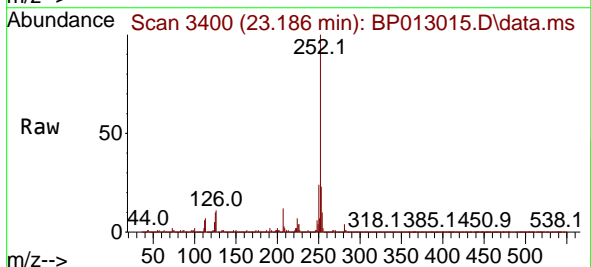
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	21.7	16.0	24.0

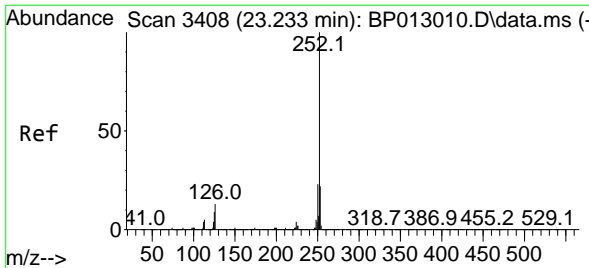


#90
 Benzo(b)fluoranthene
 Concen: 22.898 ng/u1
 RT: 23.186 min Scan# 3400
 Delta R.T. 0.000 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Tgt Ion:252 Resp: 5109982

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	9.5	6.8	10.2



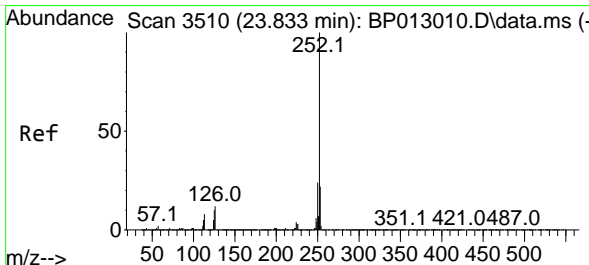
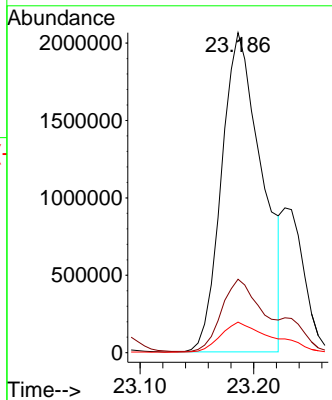
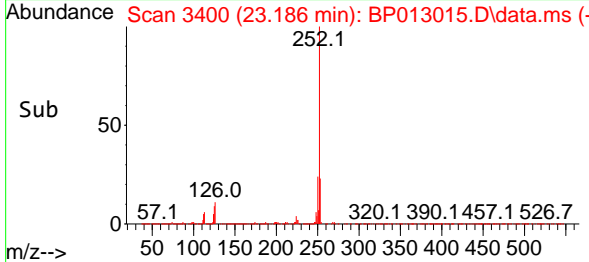
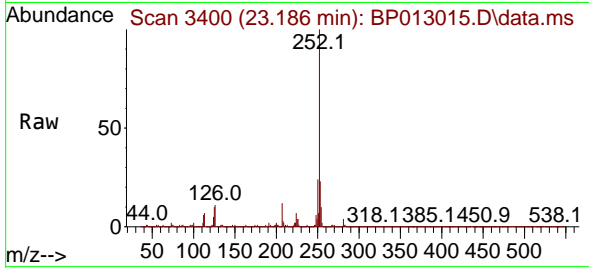


#91
 Benzo(k)fluoranthene
 Concen: 23.092 ng/u1
 RT: 23.186 min Scan# 3400
 Delta R.T. -0.047 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Instrument : BNA_P
 ClientSampleId : DBXM0

Tgt Ion:252 Resp: 5109982

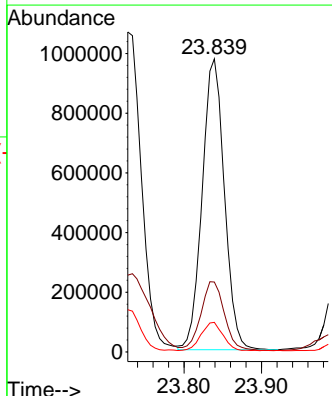
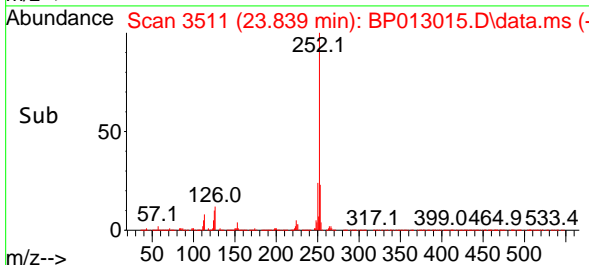
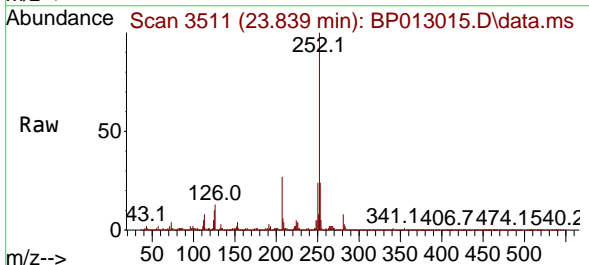
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	9.5	6.8	10.2

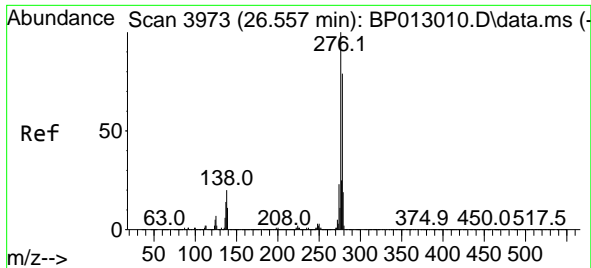


#93
 Benzo(a)pyrene
 Concen: 9.974 ng/u1
 RT: 23.839 min Scan# 3511
 Delta R.T. 0.000 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Tgt Ion:252 Resp: 1938144

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	10.1	7.5	11.3

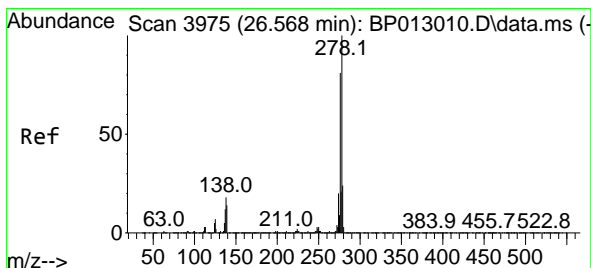
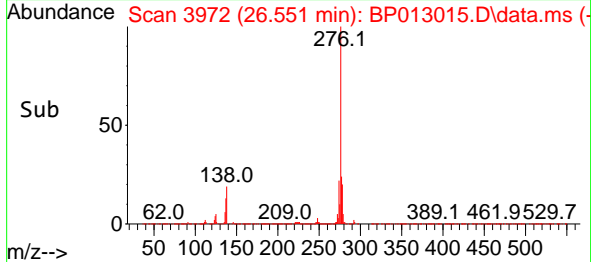
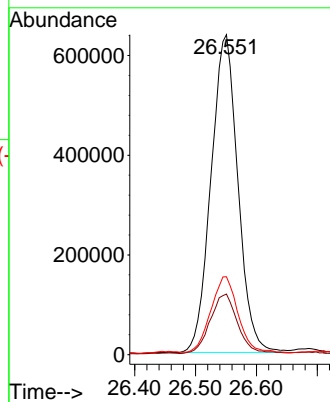
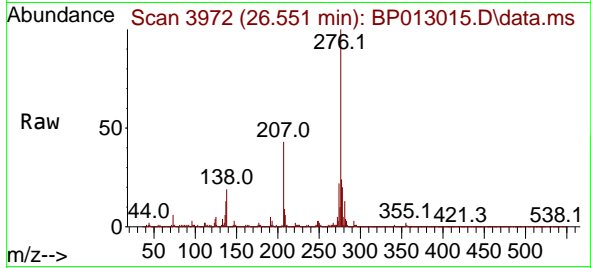




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 8.066 ng/u1
 RT: 26.551 min Scan# 3972
 Delta R.T. -0.006 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

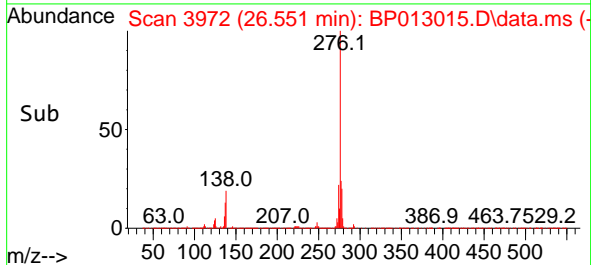
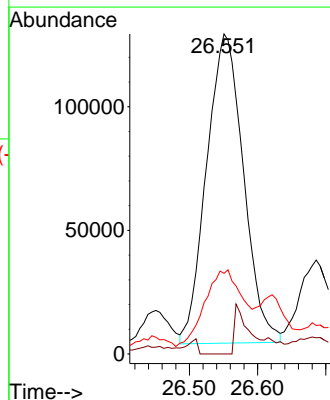
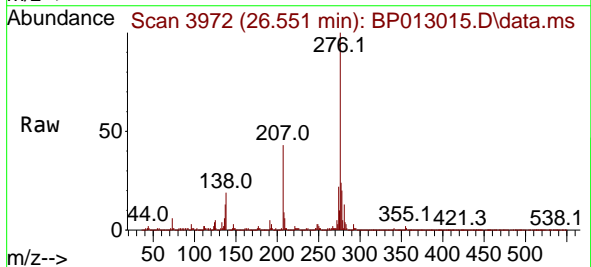
Instrument :
 BNA_P
 ClientSampleId :
 DBXM0

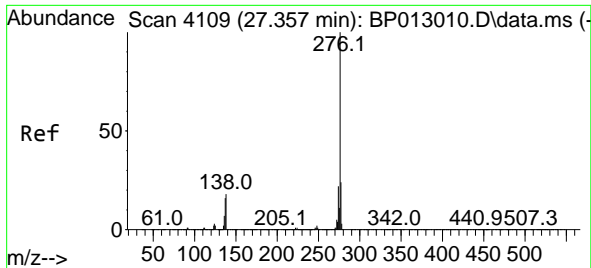
Tgt Ion:276 Resp: 1952206
 Ion Ratio Lower Upper
 276 100
 138 19.0 17.1 25.7
 277 24.3 20.0 30.0



#95
 Dibenzo(a,h)anthracene
 Concen: 2.350 ng/u1
 RT: 26.551 min Scan# 3972
 Delta R.T. -0.017 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

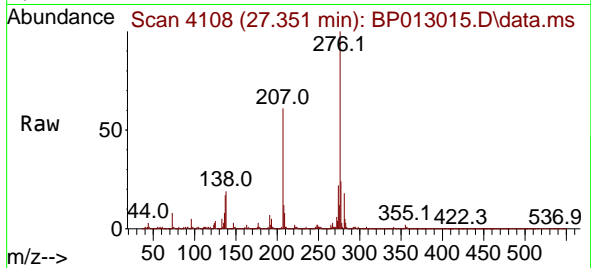
Tgt Ion:278 Resp: 471036
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.1 16.7#
 279 25.2 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 8.206 ng/ul
 RT: 27.351 min Scan# 4108
 Delta R.T. 0.000 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

Instrument :
 BNA_P
 ClientSampleId :
 DBXM0



Tgt Ion:276 Resp: 1594618
 Ion Ratio Lower Upper
 276 100
 138 19.5 15.4 23.2
 277 23.7 19.1 28.7

