Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011456.D
Acq On : 17 Aug 2022 11:21
Operator : CG/JU
Sample : N4173-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 17 23:25:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	126943	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	558869	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	318309	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	596216	20.000	ng/ul	0.00
79) Chrysene-d12	21.151	240	570070	20.000	ng/ul	0.02
88) Perylene-d12	23.451	264	551412	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	5435	1.329	ng/uL	0.00
4) Pyridine-d5	3.481	84	95	0.009	ng/ul	0.00
7) Phenol-d5	6.746	99	102050	8.748	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	59603	7.864	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	86257	10.053	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	80371	8.608	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	33485	8.322	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	35425	8.651	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	74474	9.853	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	2997	0.238	ng/ul	0.01
46) Dimethylphthalate-d6	13.657	166	302440	13.434	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	293723	11.739	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	52220	12.039	ng/ul	0.00
60) Fluorene-d10	15.234	176	277270	14.639	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.381	200	23367	7.253	ng/ul	0.01
73) Anthracene-d10	17.110	188	531822	20.140	ng/ul	0.00
81) Pyrene-d10	19.375	212	624865	21.665	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.310	264	605301	22.567	ng/ul	0.03
Target Compounds						Qvalue
8) Phenol	6.775	94	15610	1.302	ng/ul	97
16) Acetophenone	8.393	105	22953	1.478	ng/ul	90
18) 4-Methylphenol	8.346	108	16001	1.637	ng/ul	92
30) Naphthalene	10.399	128	1152256	39.048	ng/ul	99
36) 2-Methylnaphthalene	12.022	142	195273	10.171	ng/ul	99
37) 1-Methylnaphthalene	12.246	142	154799	7.950	ng/ul	95
43) 1,1'-Biphenyl	13.057	154	97479	4.110	ng/ul	99
50) Acenaphthylene	13.951	152	1226251	41.251	ng/ul	99
52) Acenaphthene	14.293	153	65861	3.308	ng/ul	92
56) Dibenzofuran	14.634	168	757358	27.584	ng/ul	97
61) Fluorene	15.293	166	522263	23.251	ng/ul	99
72) Phenanthrene	17.063	178	11011665	341.223	ng/ul	98
74) Anthracene	17.145	178	2124873	65.265	ng/ul	100
77) Carbazole	17.422	167	769380	25.124	ng/ul	99
80) Fluoranthene	19.192	202	898460	25.330	ng/ul	99
82) Pyrene	19.416	202	16141404	433.101	ng/ul	99
85) Benzo(a)anthracene	21.139	228	10018687	288.459	ng/ul	94
87) Chrysene	21.192	228	8482982	248.636	ng/ul	94
90) Benzo(b)fluoranthene	22.780	252	13319810	388.330	ng/ul	97
91) Benzo(k)fluoranthene	22.780	252	13319433	406.918	ng/ul	97
93) Benzo(a)pyrene	23.374	252	8089602	241.570	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.868	276	7205993	192.923	ng/ul	96
95) Dibenzo(a,h)anthracene	25.868	278	1726726	53.689	ng/ul#	78
96) Benzo(g,h,i)perylene	26.604	276	5363043	168.796	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011456.D
Acq On : 17 Aug 2022 11:21
Operator : CG/JU
Sample : N4173-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 17 23:25:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

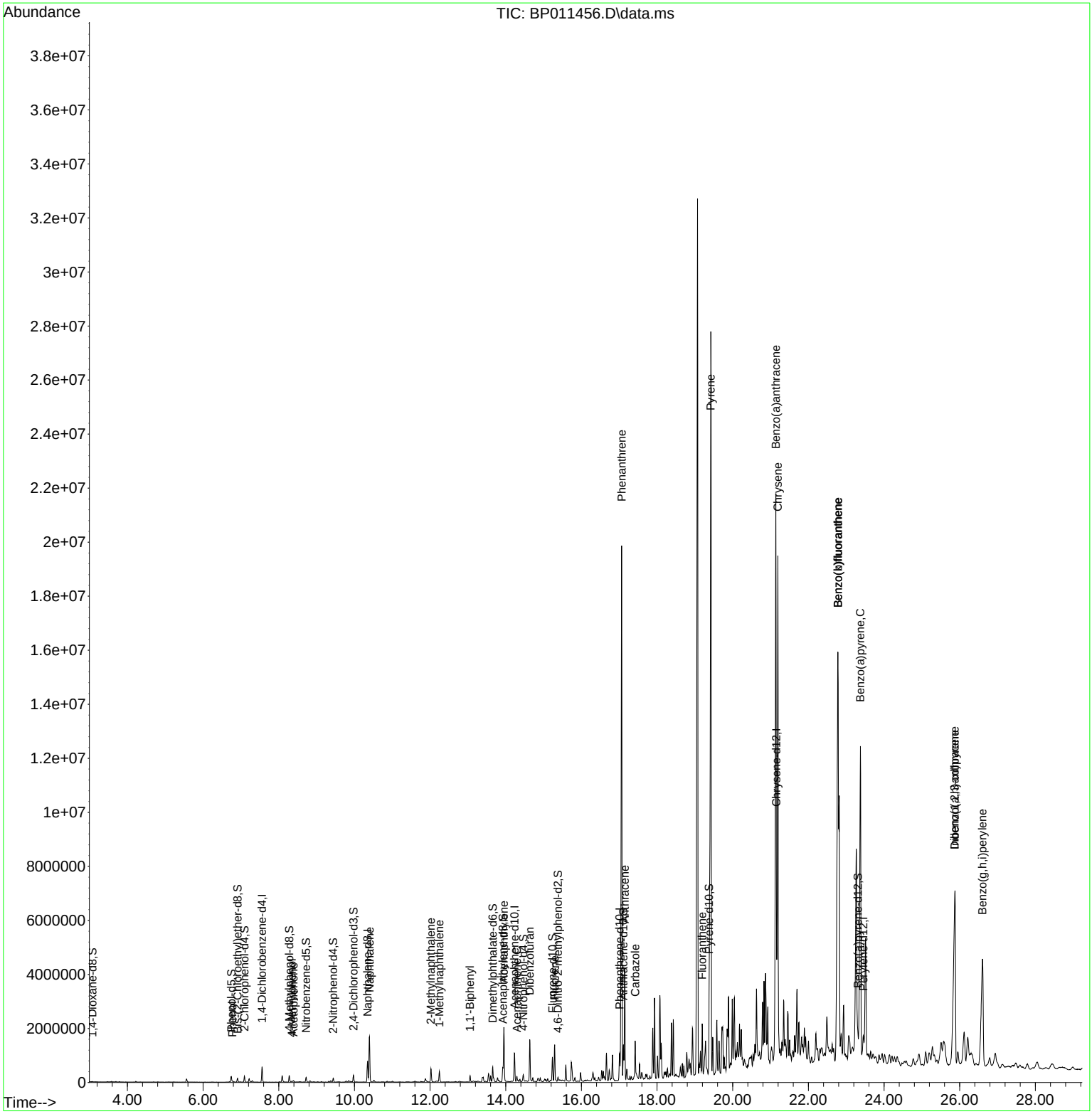
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

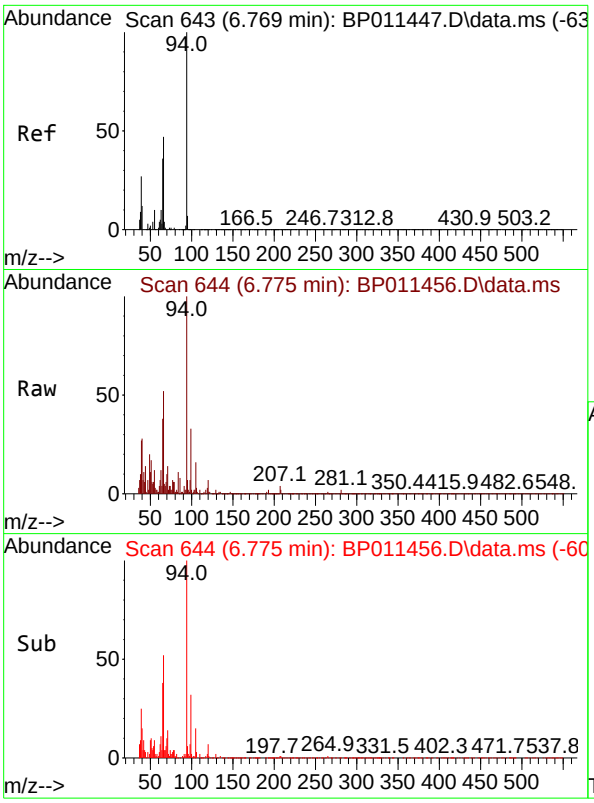
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011456.D
Acq On : 17 Aug 2022 11:21
Operator : CG/JU
Sample : N4173-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 17 23:25:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration



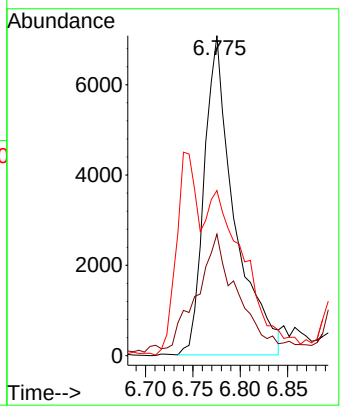


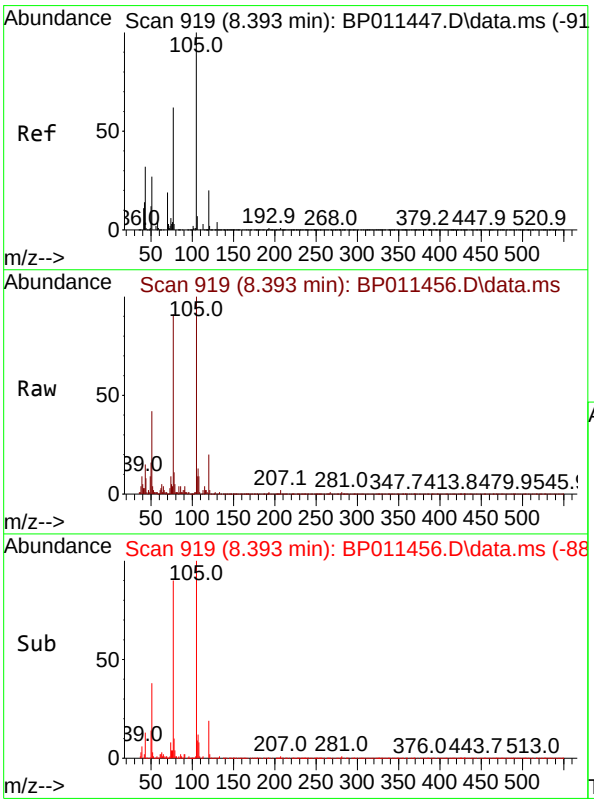
#8
Phenol
Concen: 1.302 ng/ul
RT: 6.775 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 15610

Ion	Ratio	Lower	Upper
94	100		
65	37.9	28.9	43.3
66	51.6	39.4	59.0

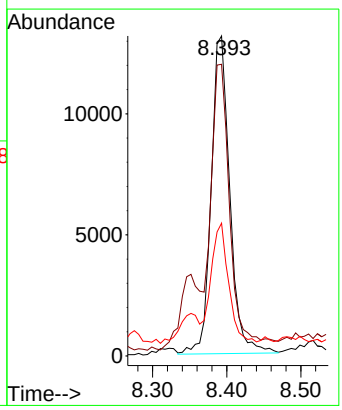


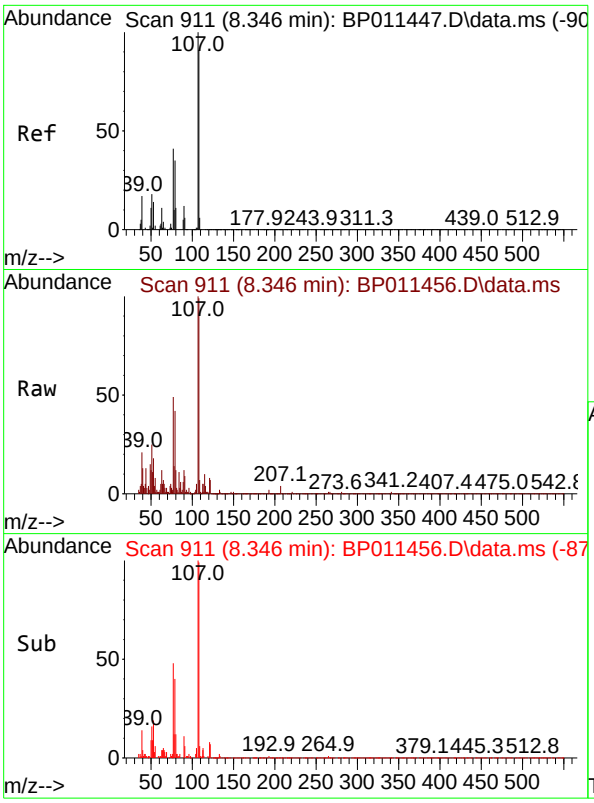


#16
Acetophenone
Concen: 1.478 ng/ul
RT: 8.393 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:105 Resp: 22953

Ion	Ratio	Lower	Upper
105	100		
77	91.1	66.4	99.6
51	41.5	28.2	42.4



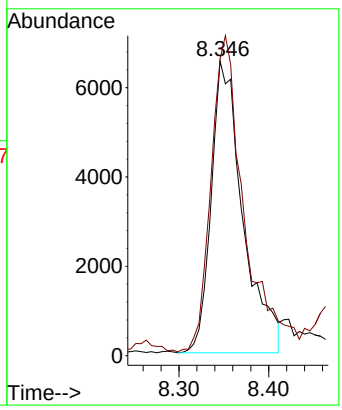


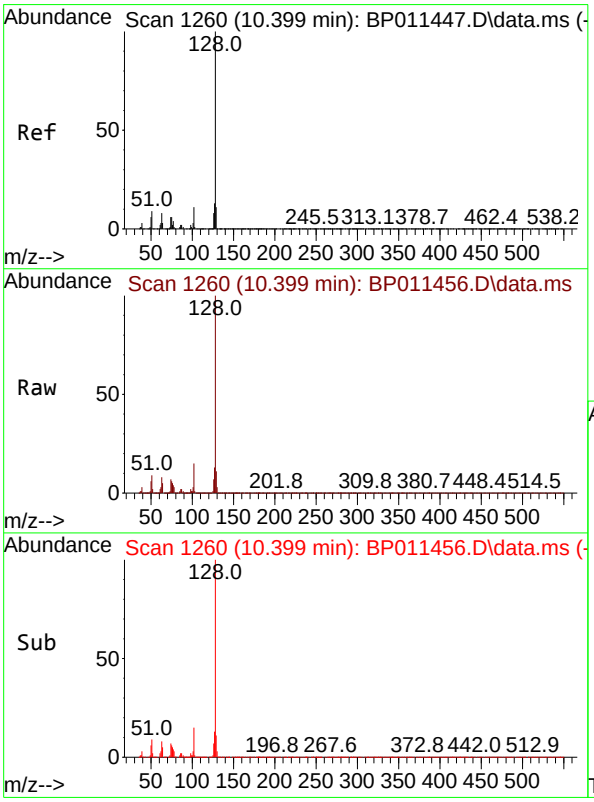
#18
4-Methylphenol
Concen: 1.637 ng/ul
RT: 8.346 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:108 Resp: 16001

Ion	Ratio	Lower	Upper
108	100		
107	100.7	87.7	131.5

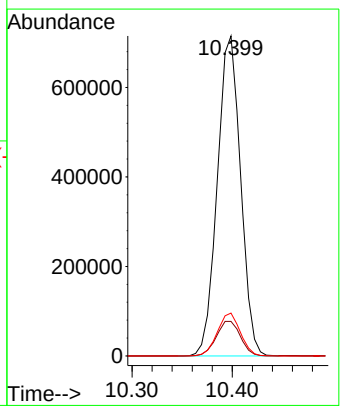


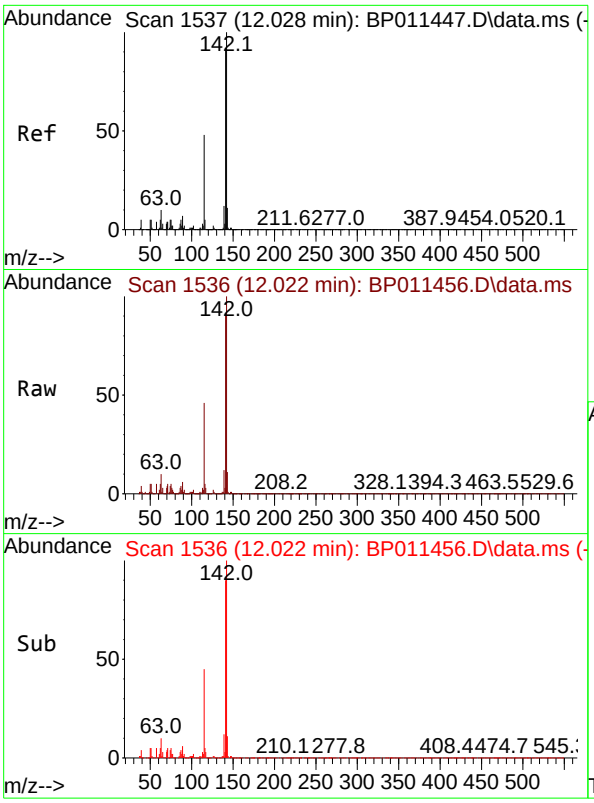


#30
Naphthalene
Concen: 39.048 ng/ul
RT: 10.399 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:128 Resp: 1152256

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.4	10.3	15.5



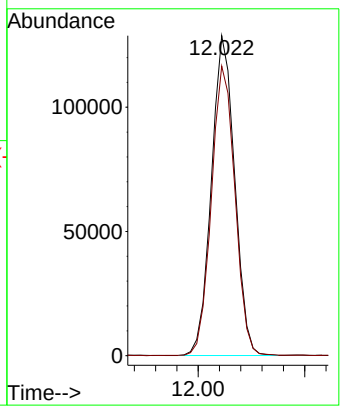


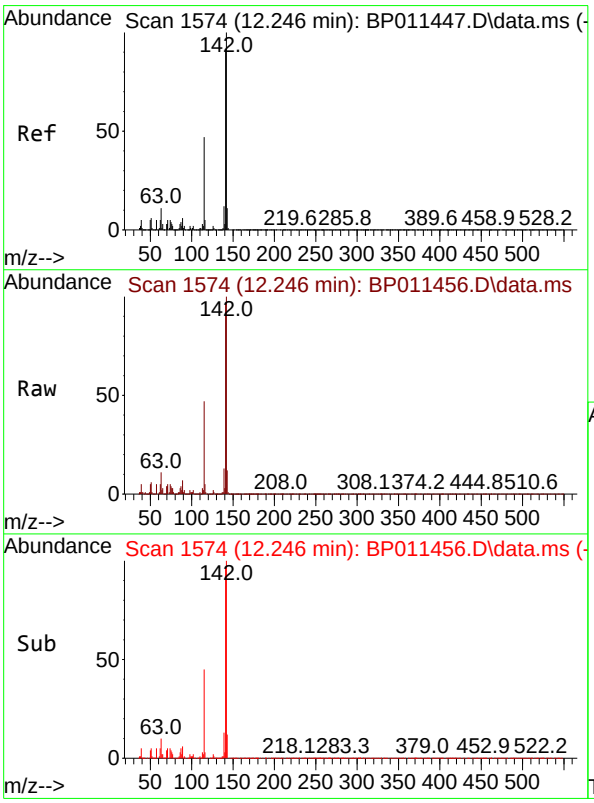
#36
2-Methylnaphthalene
Concen: 10.171 ng/ul
RT: 12.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 195273

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.4	110.0

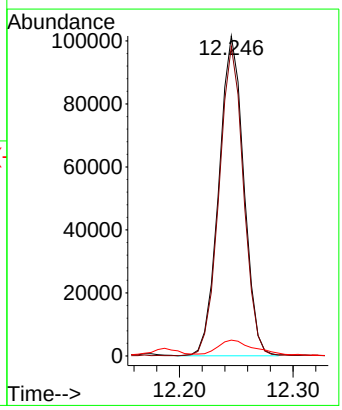


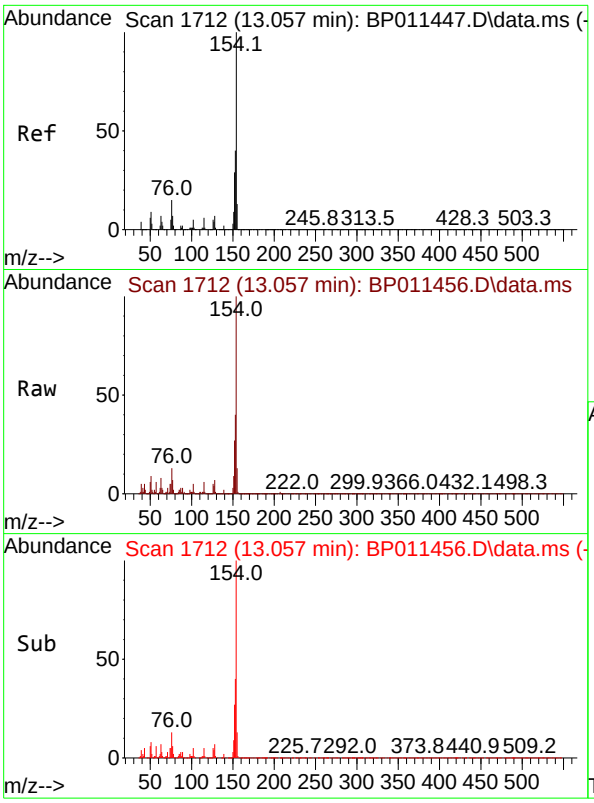


#37
1-Methylnaphthalene
Concen: 7.950 ng/ul
RT: 12.246 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:142 Resp: 154799

Ion	Ratio	Lower	Upper
142	100		
141	96.8	73.0	109.6
116	5.0	4.0	6.0



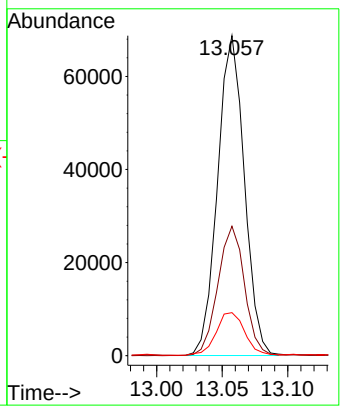


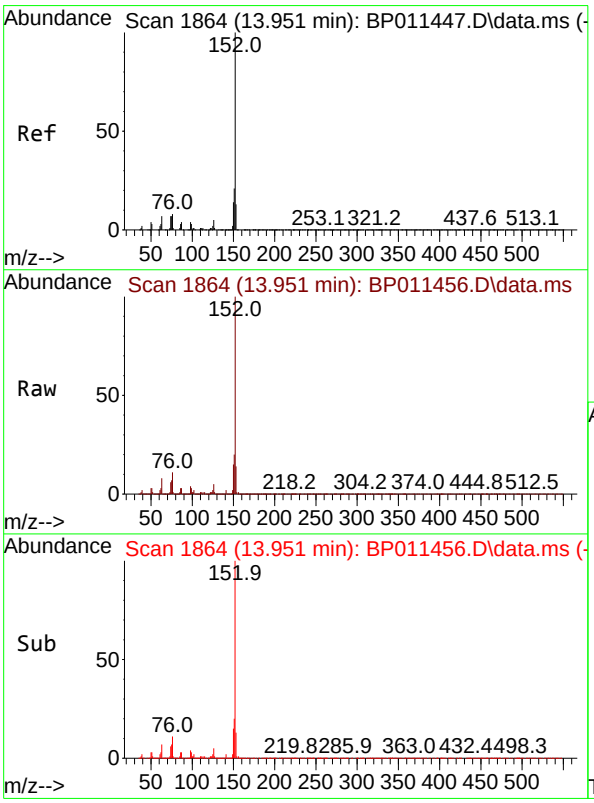
#43
1,1'-Biphenyl
Concen: 4.110 ng/ul
RT: 13.057 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 97479

Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.2	48.4
76	13.4	11.6	17.4

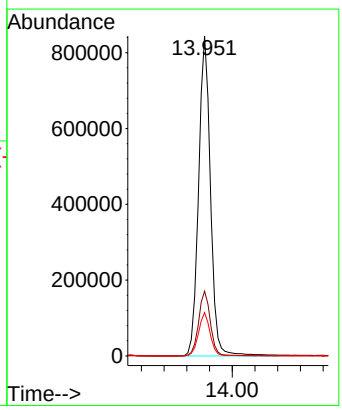


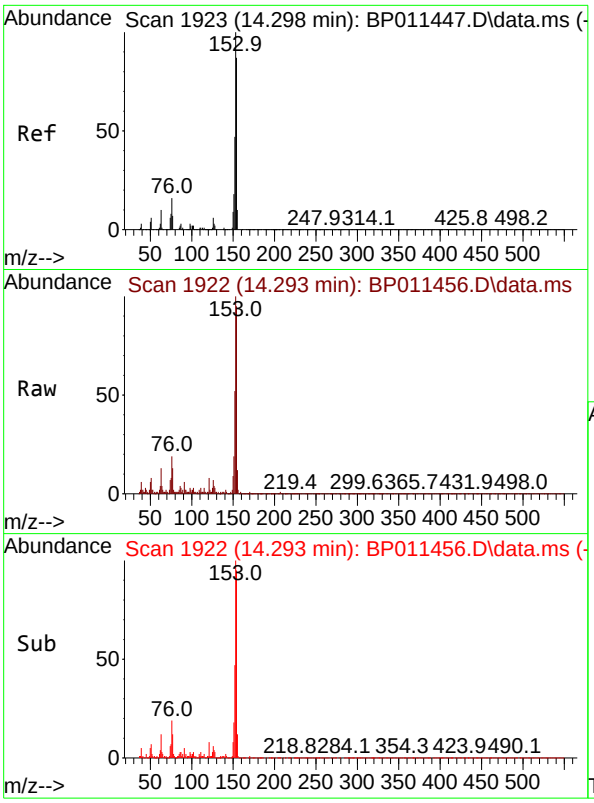


#50
Acenaphthylene
Concen: 41.251 ng/ul
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:152 Resp: 1226251

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.5	10.6	15.8



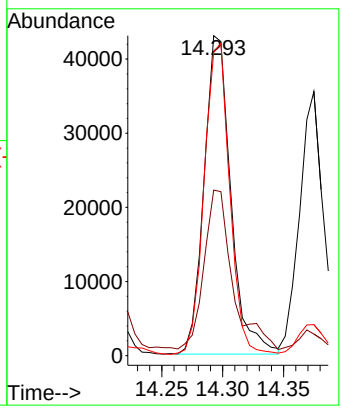


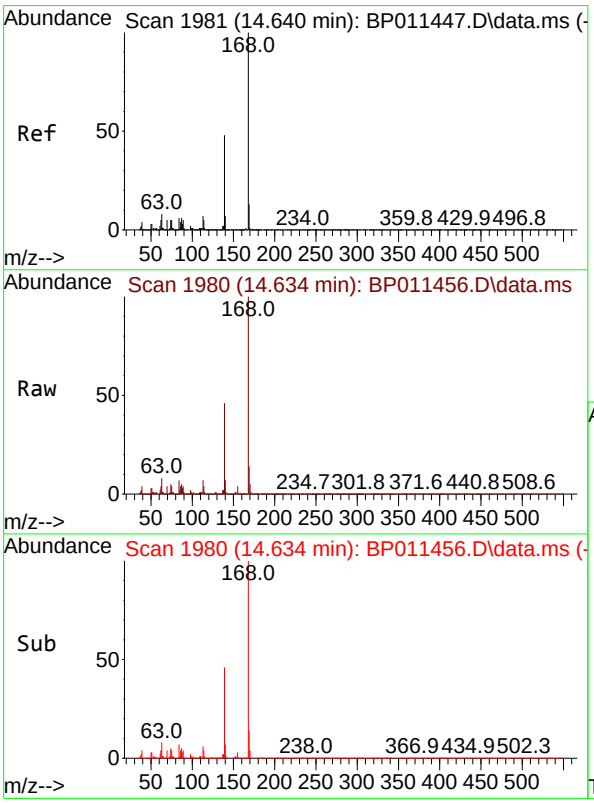
#52
Acenaphthene
Concen: 3.308 ng/ul
RT: 14.293 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:153 Resp: 65861

Ion	Ratio	Lower	Upper
153	100		
152	51.8	37.7	56.5
154	94.9	69.4	104.0

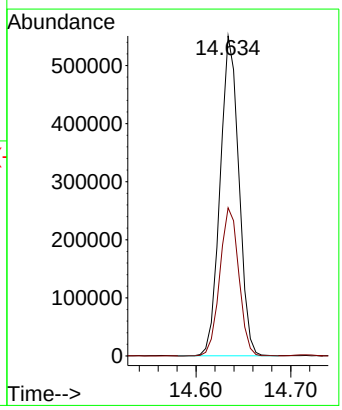


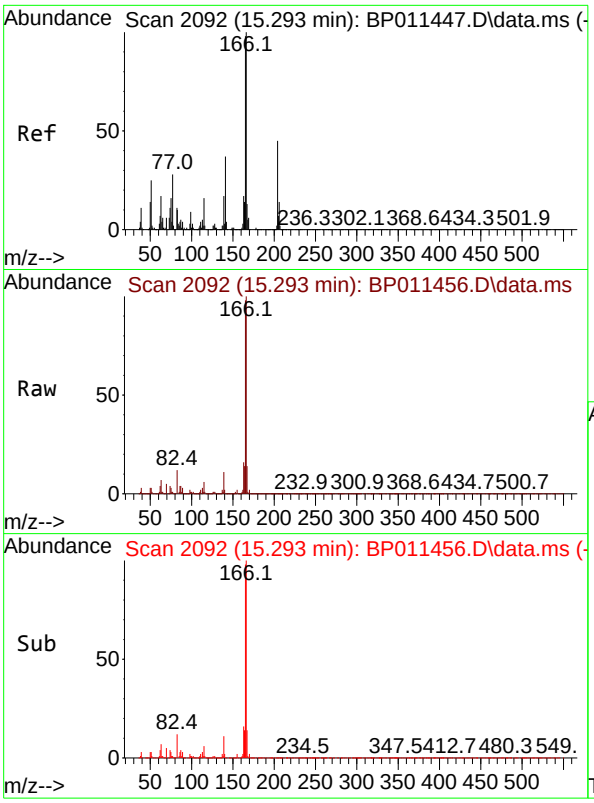


#56
Dibenzofuran
Concen: 27.584 ng/ul
RT: 14.634 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:168 Resp: 757358

Ion	Ratio	Lower	Upper
168	100		
139	46.3	38.4	57.6



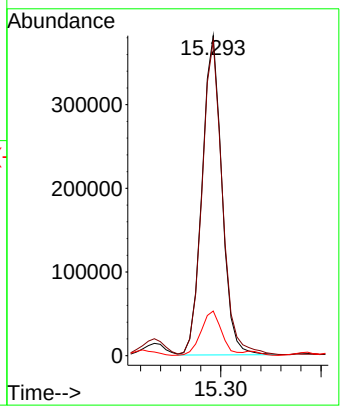


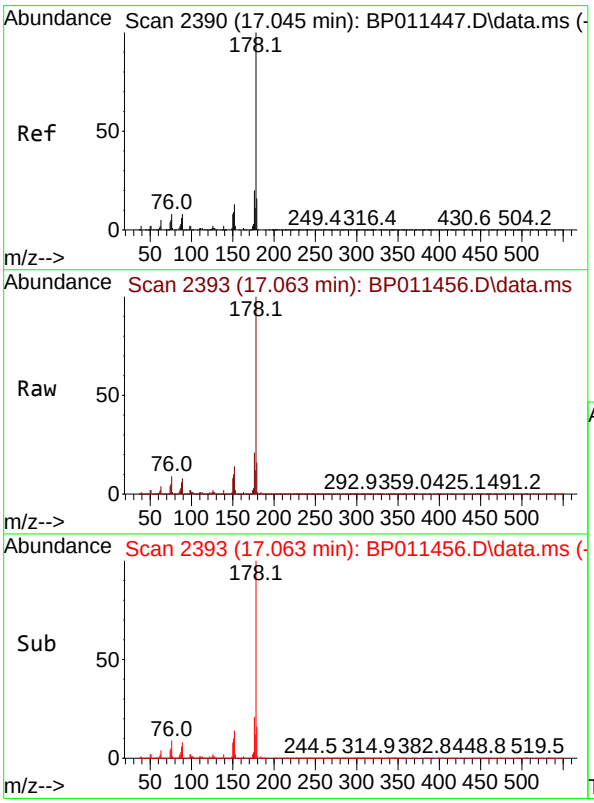
#61
Fluorene
Concen: 23.251 ng/ul
RT: 15.293 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 522263

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.2
167	13.9	10.3	15.5

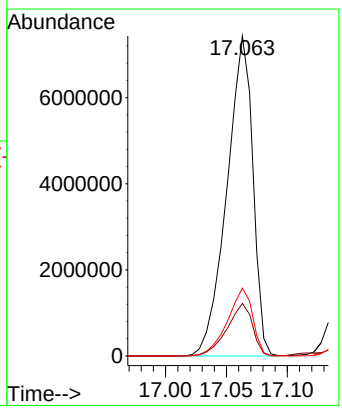


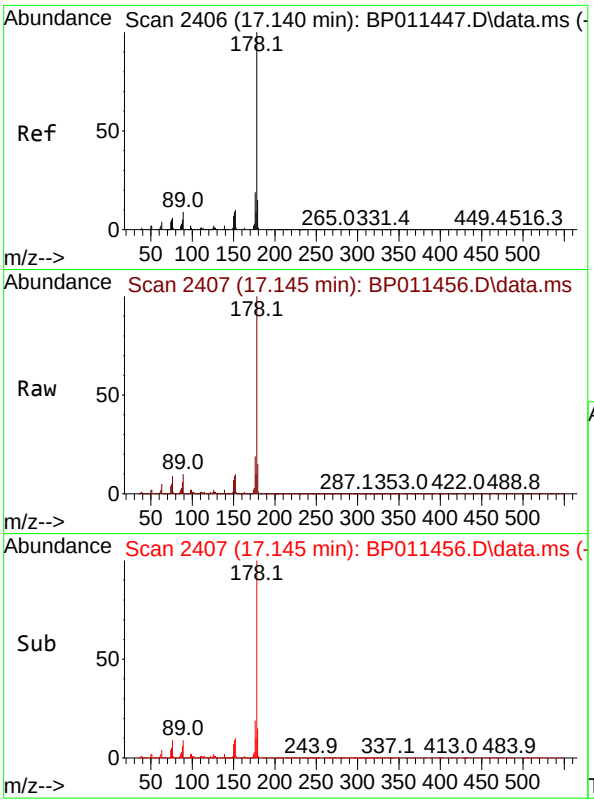


#72
Phenanthrene
Concen: 341.223 ng/ul
RT: 17.063 min Scan# 2393
Delta R.T. 0.018 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:178 Resp:11011665

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	18.8
176	21.2	15.8	23.8



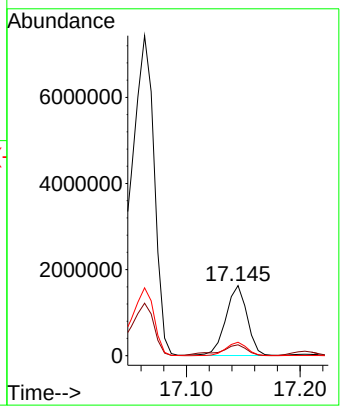


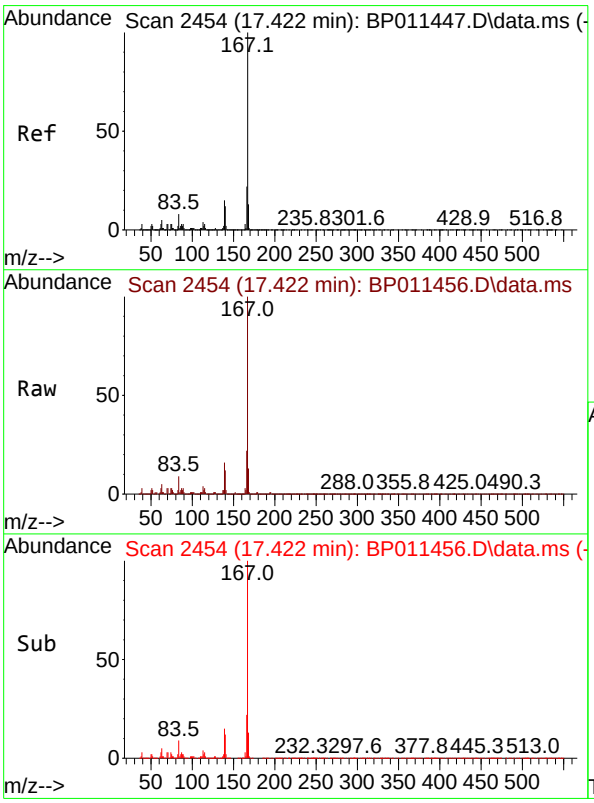
#74
Anthracene
Concen: 65.265 ng/ul
RT: 17.145 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 2124873

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.2	15.4	23.0

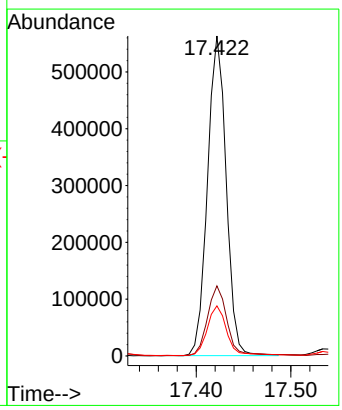


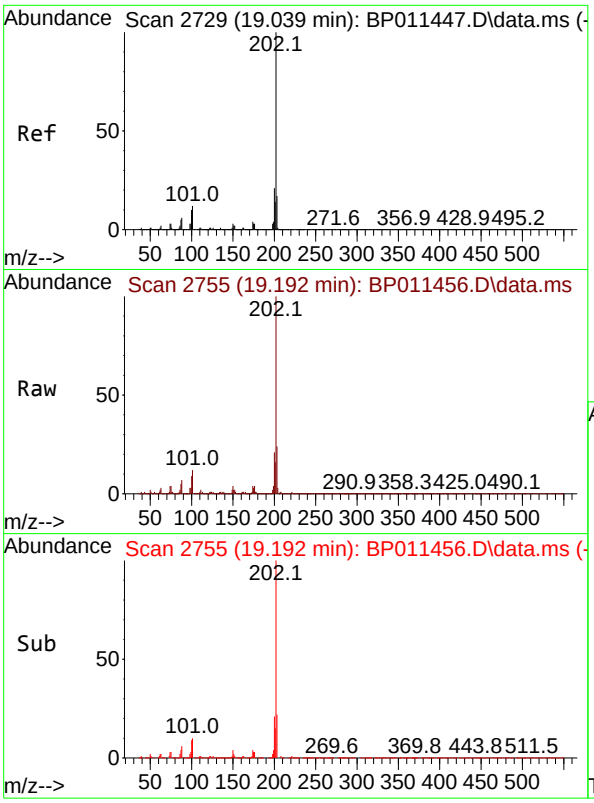


#77
Carbazole
Concen: 25.124 ng/ul
RT: 17.422 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:167 Resp: 769380

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	15.6	12.1	18.1



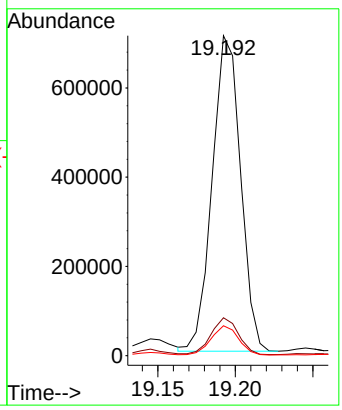


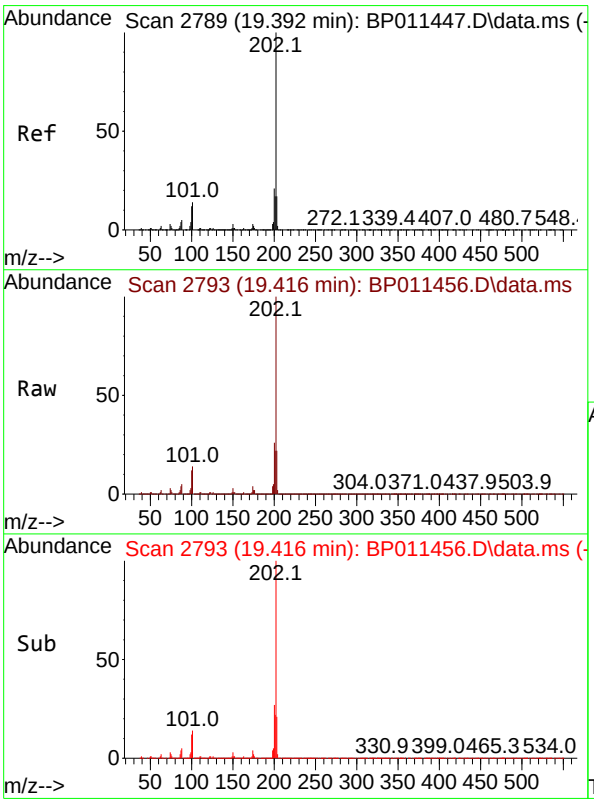
#80
Fluoranthene
Concen: 25.330 ng/ul
RT: 19.192 min Scan# 2
Delta R.T. 0.153 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 898460

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.5	14.3
100	9.4	7.9	11.9

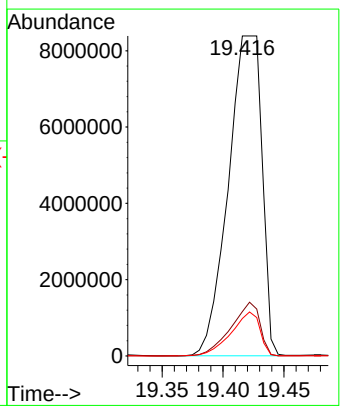


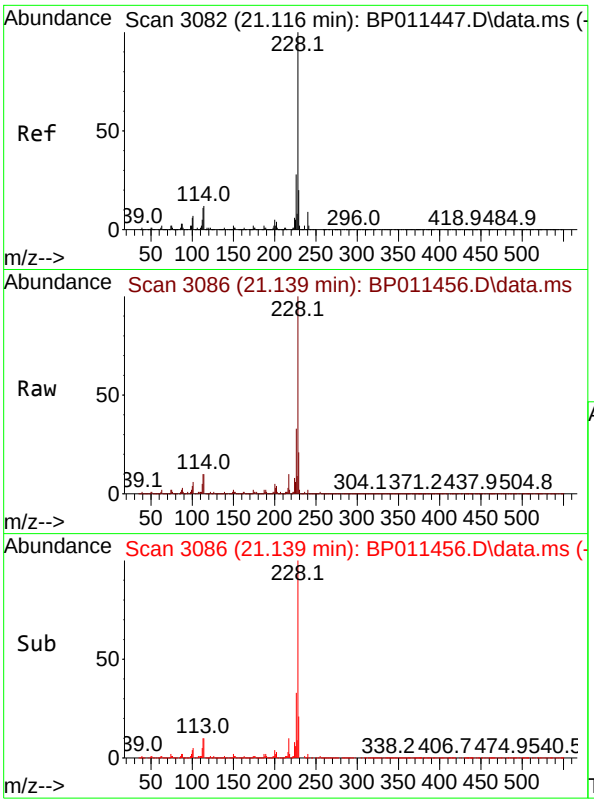


#82
Pyrene
Concen: 433.101 ng/ul
RT: 19.416 min Scan# 2793
Delta R.T. 0.024 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:202 Resp:16141404

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.4	17.2
100	11.7	9.4	14.0



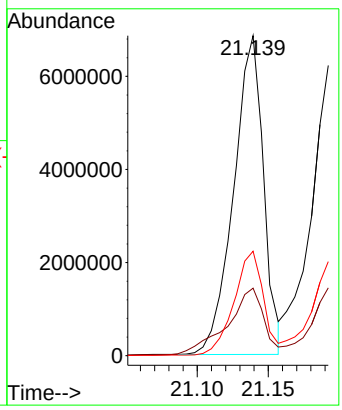


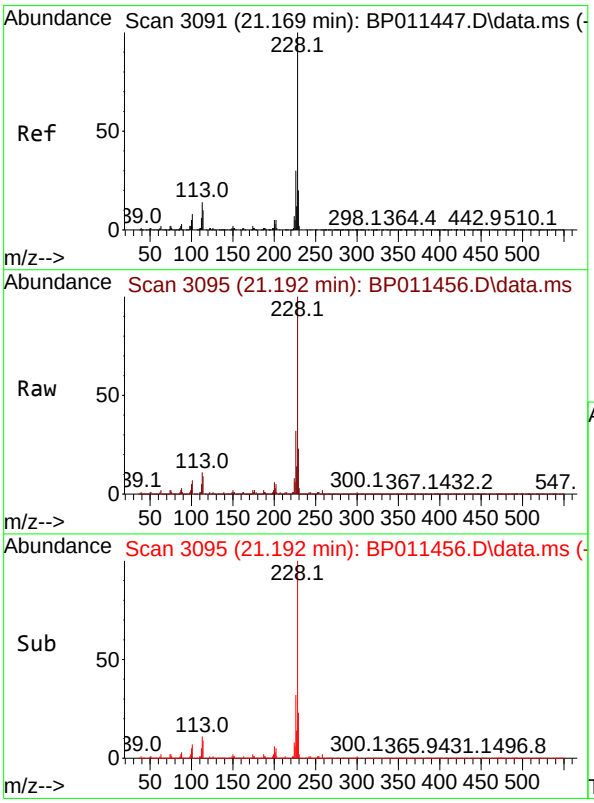
#85
Benzo(a)anthracene
Concen: 288.459 ng/ul
RT: 21.139 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp:10018687

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.0	24.0
226	32.6	22.6	33.8

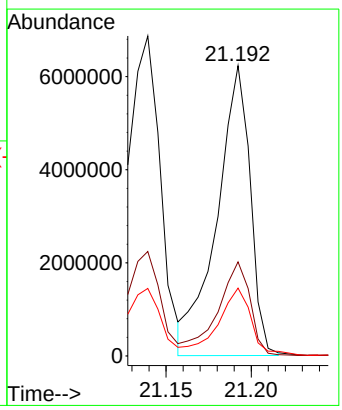


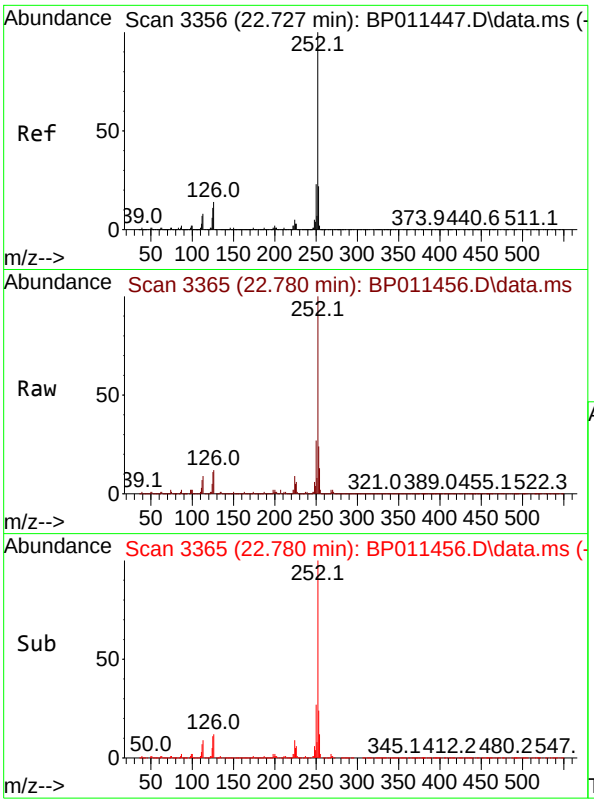


#87
Chrysene
Concen: 248.636 ng/ul
RT: 21.192 min Scan# 3095
Delta R.T. 0.024 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:228 Resp: 8482982

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.9	35.9
229	23.4	16.0	24.0



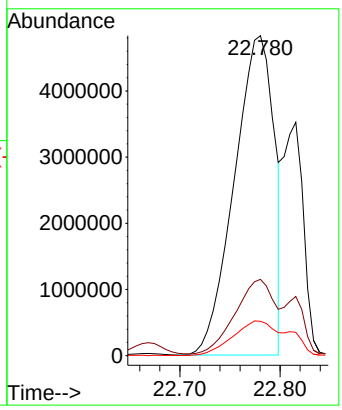


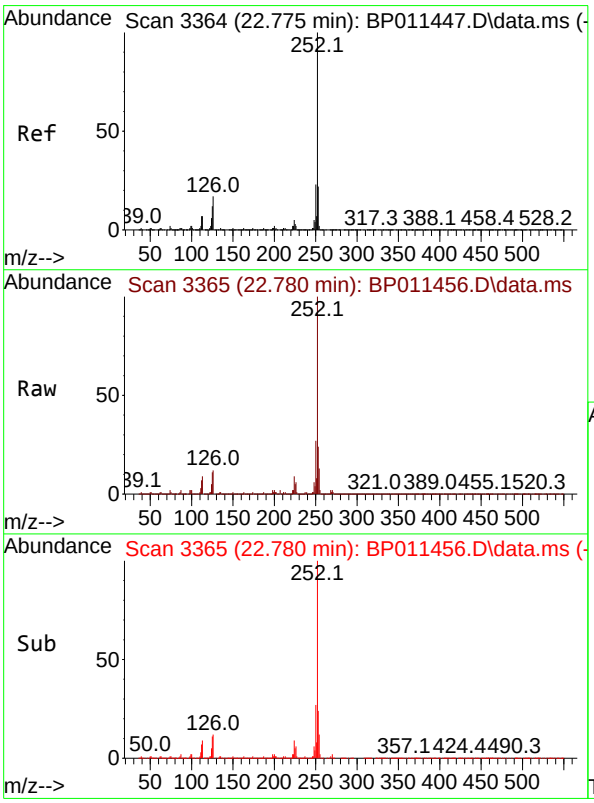
#90
Benzo(b)fluoranthene
Concen: 388.330 ng/ul
RT: 22.780 min Scan# 3
Delta R.T. 0.053 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp:13319810

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	10.8	9.0	13.4

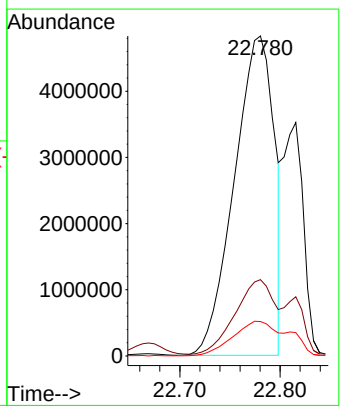


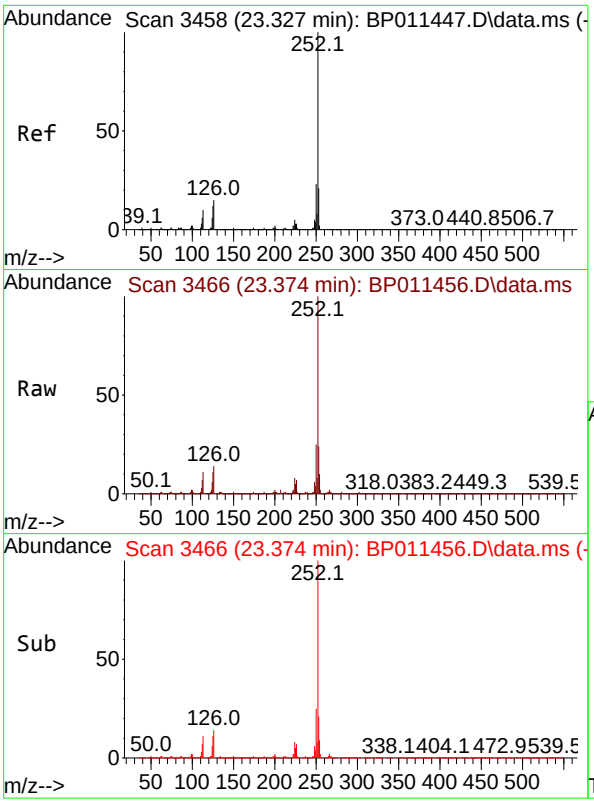


#91
Benzo(k)fluoranthene
Concen: 406.918 ng/ul
RT: 22.780 min Scan# 3365
Delta R.T. 0.006 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:252 Resp:13319433

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	10.8	9.8	14.8



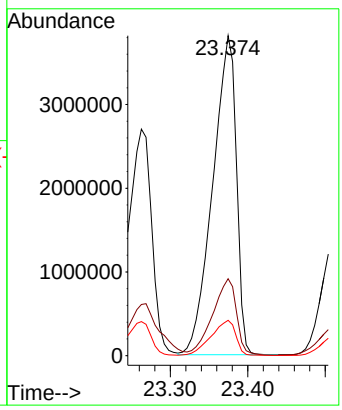


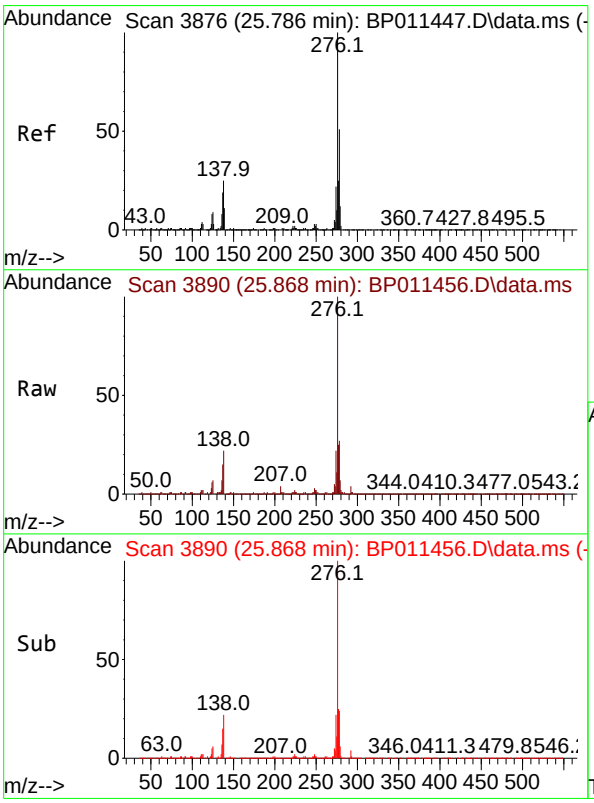
#93
Benzo(a)pyrene
Concen: 241.570 ng/ul
RT: 23.374 min Scan# 34
Delta R.T. 0.047 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 8089602

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.8	25.2
125	11.0	9.9	14.9

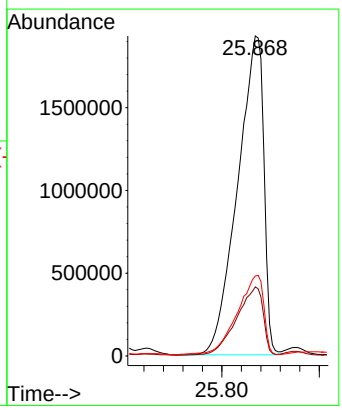


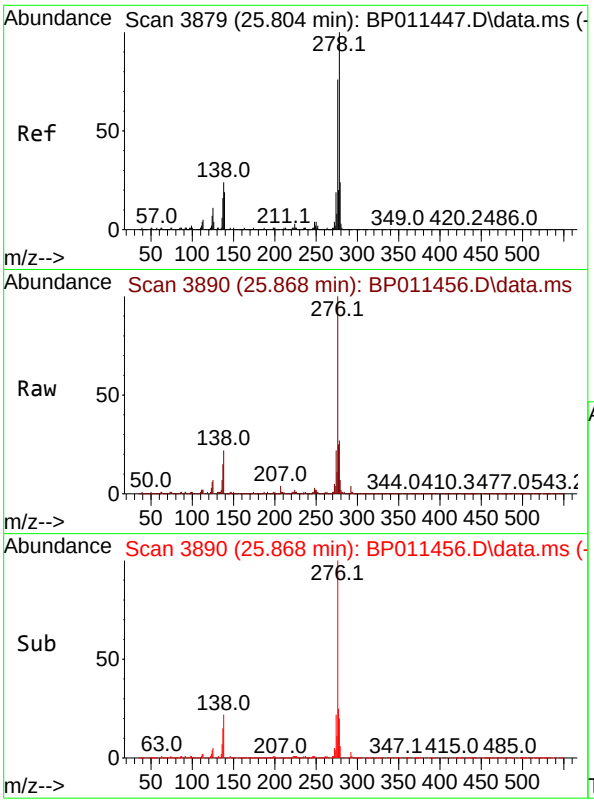


#94
Indeno(1,2,3-cd)pyrene
Concen: 192.923 ng/ul
RT: 25.868 min Scan# 3890
Delta R.T. 0.082 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:276 Resp: 7205993

Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.2	30.4
277	25.0	20.1	30.1



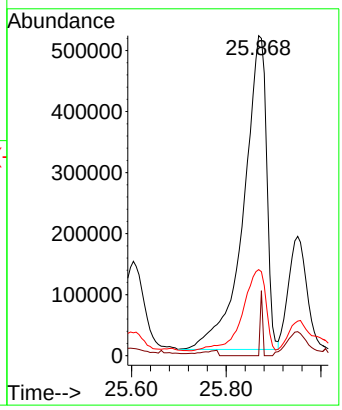


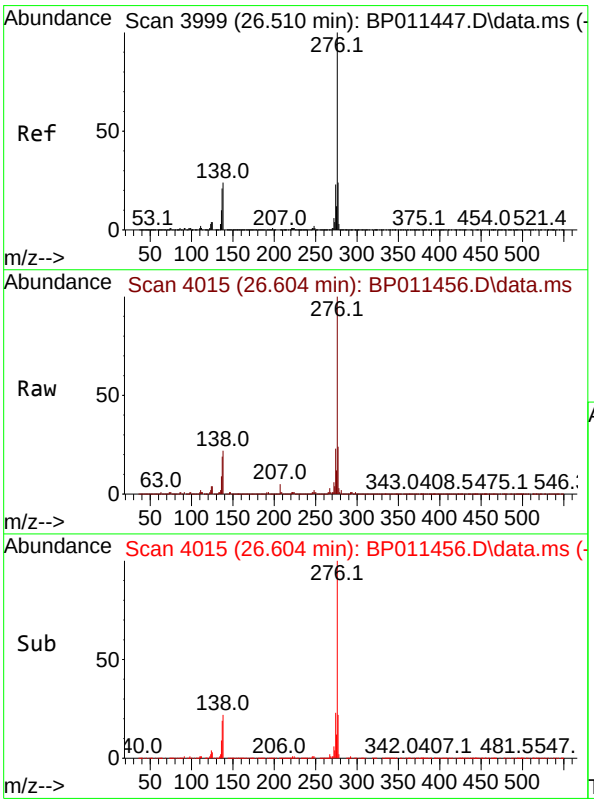
#95
Dibenzo(a,h)anthracene
Concen: 53.689 ng/ul
RT: 25.868 min Scan# 3
Delta R.T. 0.065 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 1726726

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.4	23.0#
279	26.9	19.3	28.9





#96
Benzo(g,h,i)perylene
Concen: 168.796 ng/ul
RT: 26.604 min Scan# 4015
Delta R.T. 0.094 min
Lab File: BP011456.D
Acq: 17 Aug 2022 11:21

Tgt Ion:276 Resp: 5363043

Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.4	29.2
277	24.4	19.1	28.7