Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073021\
Data File : BP006438.D
Acq On : 30 Jul 2021 14:59
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC0.1

Quant Time: Jul 30 17:07:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270-SIM-BP073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 17:01:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.785	152	2939	0.400	ng		0.00
7) Naphthalene-d8	10.546	136	11635	0.400	ng		0.00
13) Acenaphthene-d10	14.391	164	5723	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	11346	0.400	ng		0.00
29) Chrysene-d12	21.253	240	10334	0.400	ng		0.00
35) Perylene-d12	23.589	264	9602	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.357	112	1067	0.135	ng		0.00
5) Phenol-d6	6.941	99	1518	0.152	ng		0.00
8) Nitrobenzene-d5	8.913	82	1511	0.194	ng		0.00
11) 2-Methylnaphthalene-d10	12.145	152	1665	0.091	ng		0.00
14) 2,4,6-Tribromophenol	15.881	330	323	0.139	ng		0.00
15) 2-Fluorobiphenyl	13.025	172	2941	0.135	ng		0.00
27) Fluoranthene-d10	19.140	212	3238	0.101	ng		0.00
31) Terphenyl-d14	19.730	244	2564	0.098	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	393	0.382	ng	#	100
3) n-Nitrosodimethylamine	3.615	42	439	0.218	ng	#	75
6) bis(2-Chloroethyl)ether	7.205	93	1204	0.153	ng		96
9) Naphthalene	10.609	128	3579	0.119	ng	#	93
10) Hexachlorobutadiene	10.898	225	593	0.101	ng	#	97
12) 2-Methylnaphthalene	12.216	142	2283	0.112	ng		96
16) Acenaphthylene	14.101	152	2651	0.102	ng		98
17) Acenaphthene	14.453	154	2129	0.131	ng		99
18) Fluorene	15.446	166	2626	0.129	ng		99
20) 4,6-Dinitro-2-methylph...	15.529	198	248	0.294	ng	#	56
21) 4-Bromophenyl-phenylether	16.342	248	745	0.110	ng	#	90
22) Hexachlorobenzene	16.441	284	819	0.125	ng		99
23) Atrazine	16.620	200	671	0.111	ng	#	90
24) Pentachlorophenol	16.798	266	407	0.169	ng		94
25) Phenanthrene	17.175	178	3973	0.127	ng		98
26) Anthracene	17.275	178	3543	0.117	ng		98
28) Fluoranthene	19.164	202	5005	0.140	ng		99
30) Pyrene	19.522	202	5431	0.154	ng		99
32) Benzo(a)anthracene	21.236	228	4383	0.125	ng		95
33) Chrysene	21.288	228	4584	0.138	ng		97
36) Indeno(1,2,3-cd)pyrene	26.003	276	4958	0.142	ng		98
37) Benzo(b)fluoranthene	22.873	252	4725	0.145	ng	#	66
38) Benzo(k)fluoranthene	22.922	252	4456	0.139	ng	#	66
39) Benzo(a)pyrene	23.481	252	3818	0.130	ng	#	61
40) Dibenzo(a,h)anthracene	26.025	278	4202	0.142	ng	#	76
41) Benzo(g,h,i)perylene	26.741	276	4498	0.151	ng		91

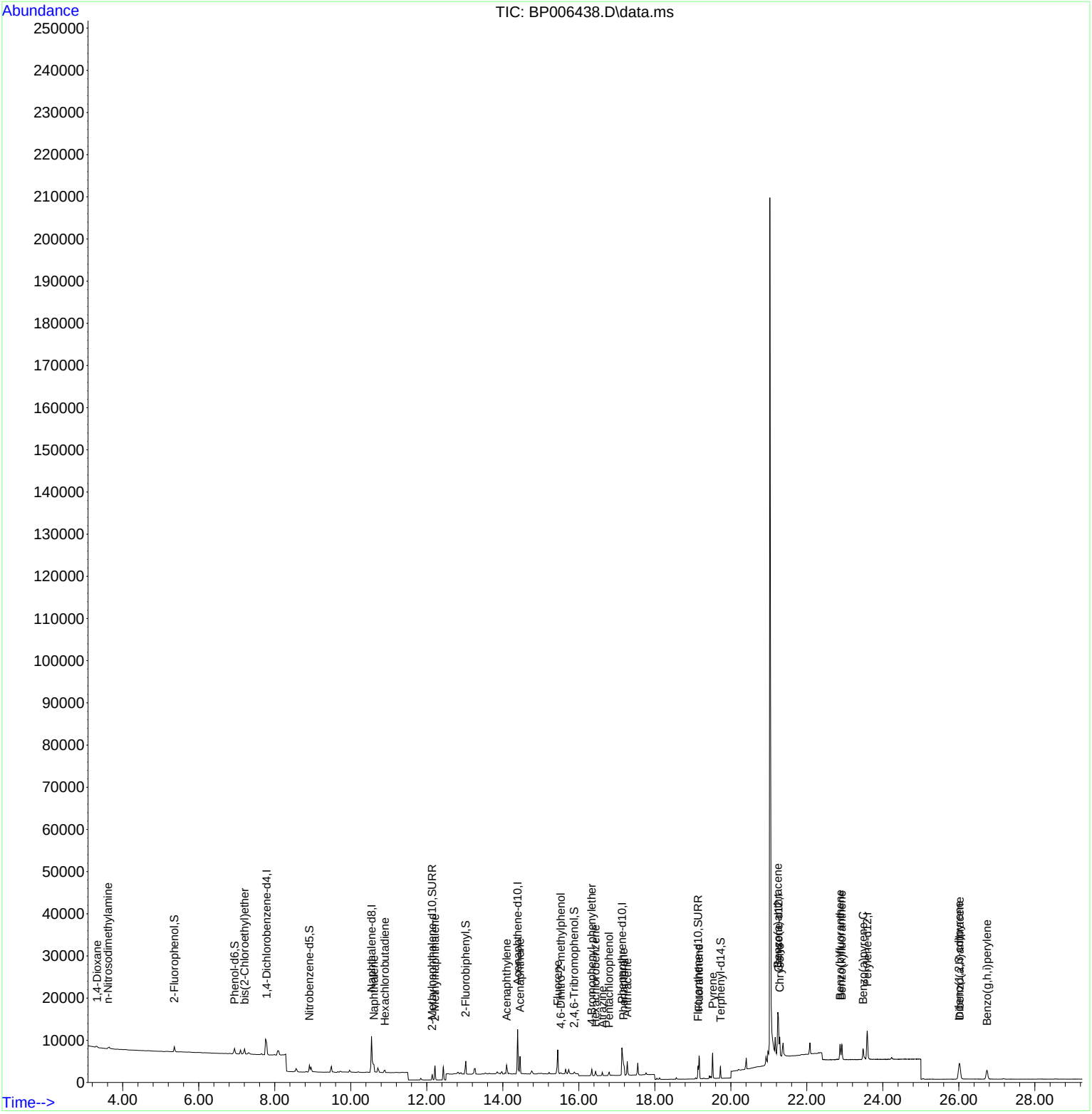
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

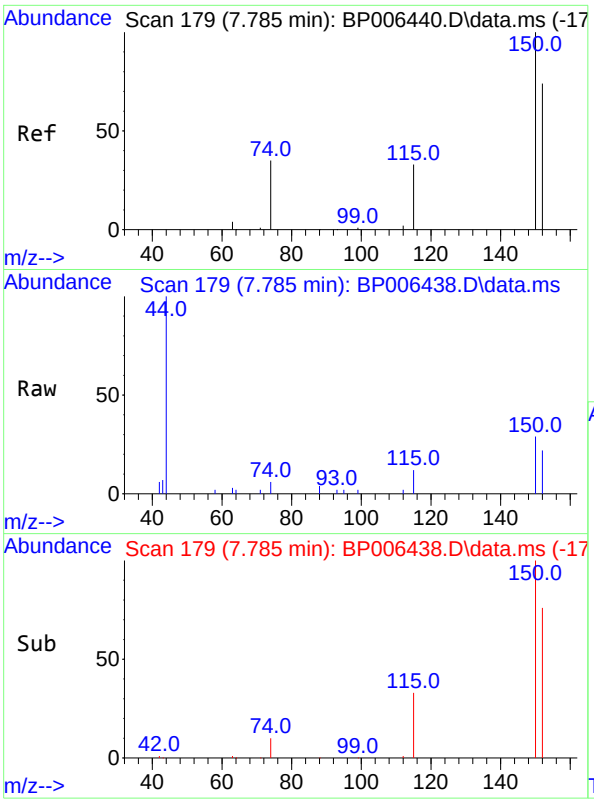
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073021\
Data File : BP006438.D
Acq On : 30 Jul 2021 14:59
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

Quant Time: Jul 30 17:07:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270-SIM-BP073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 17:01:25 2021
Response via : Initial Calibration



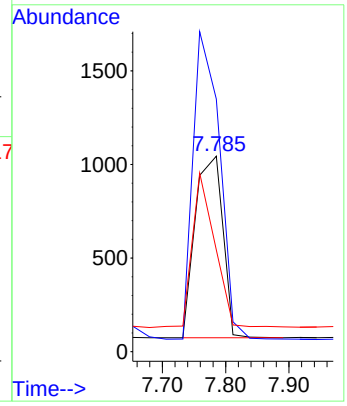
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

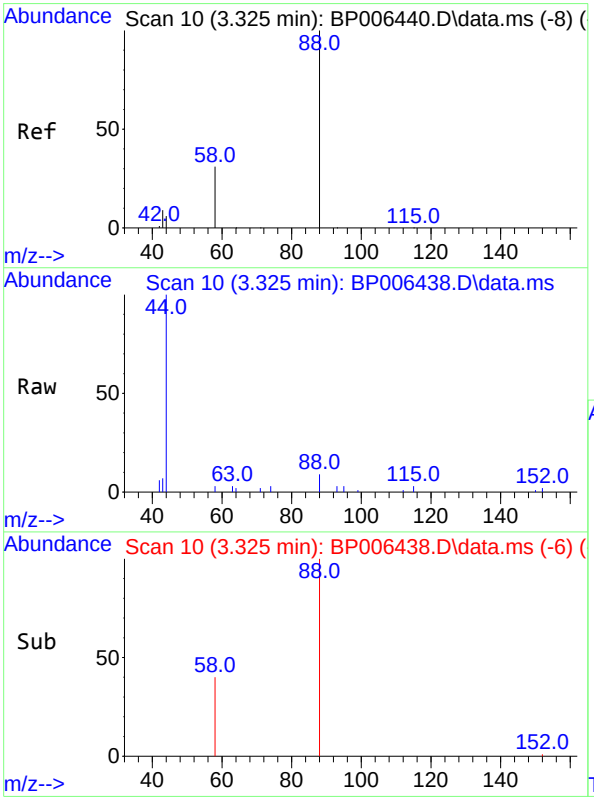


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.785 min Scan# 179
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:152 Resp: 2939

Ion	Ratio	Lower	Upper
152	100		
150	129.2	105.7	158.5
115	52.1	41.6	62.4

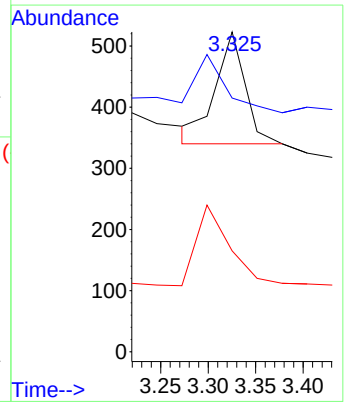




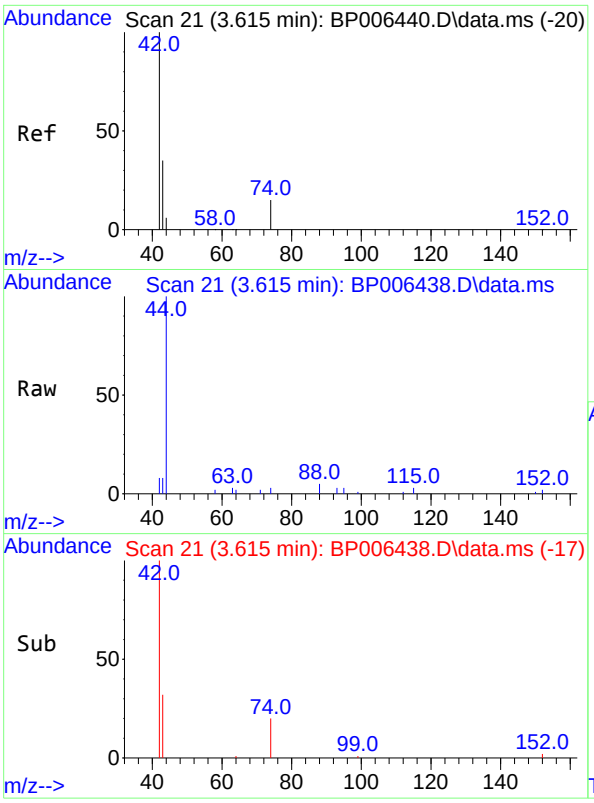
#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.325 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion: 88 Resp: 393

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	0.0	0.0



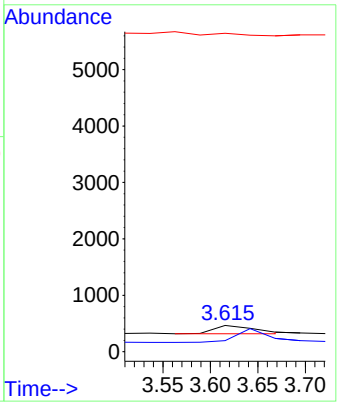
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

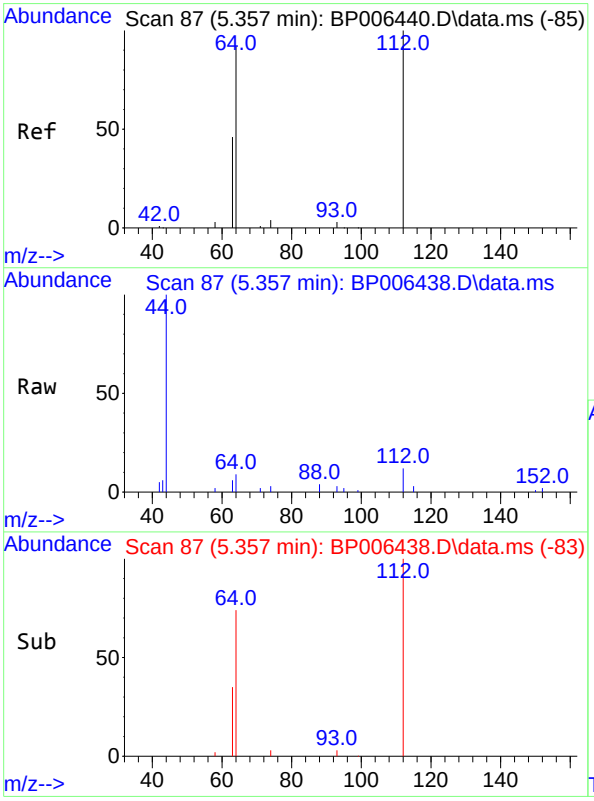


#3
n-Nitrosodimethylamine
Concen: 0.218 ng
RT: 3.615 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion: 42 Resp: 439

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	7.4	11.0#

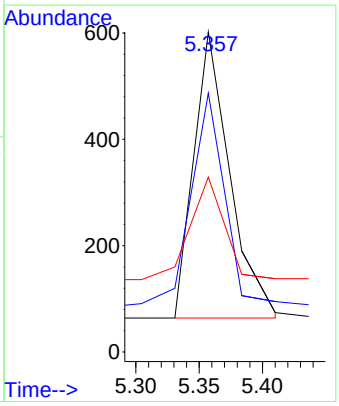




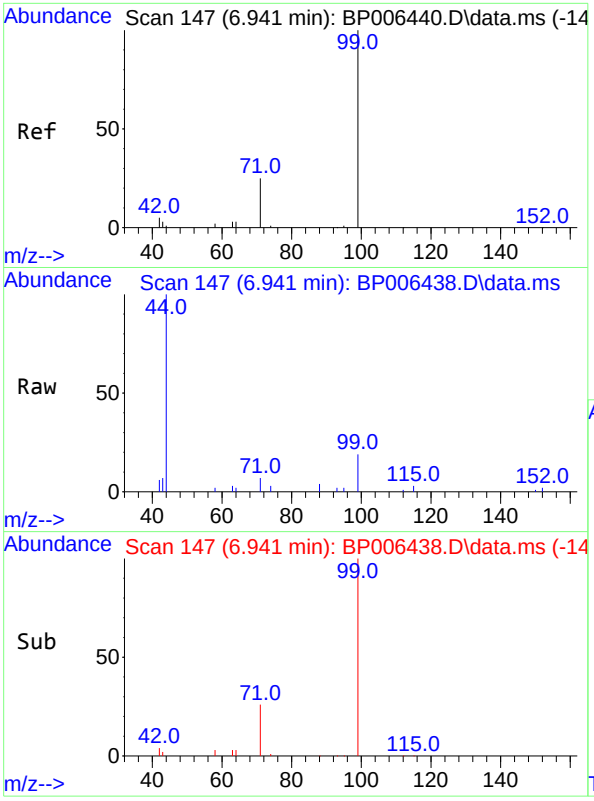
#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.357 min Scan# 87
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:112 Resp: 1067

Ion	Ratio	Lower	Upper
112	100		
64	65.9	58.7	88.1
63	34.0	29.8	44.8



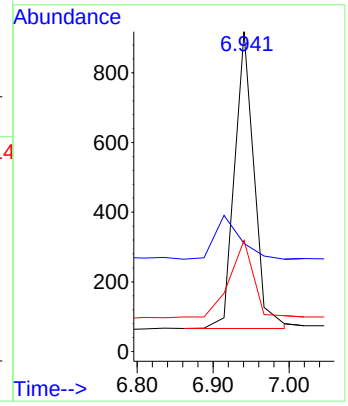
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

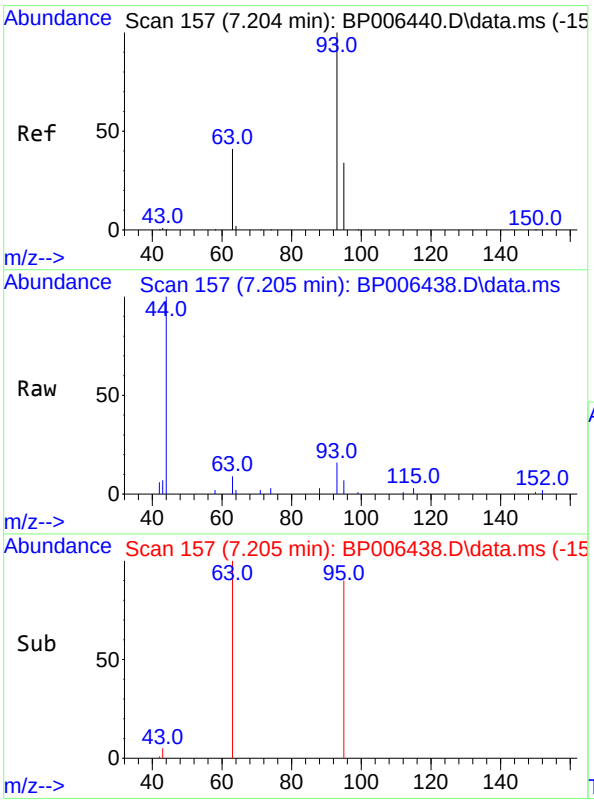


#5
Phenol-d6
Concen: 0.152 ng
RT: 6.941 min Scan# 147
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion: 99 Resp: 1518

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	32.4	25.0	37.4

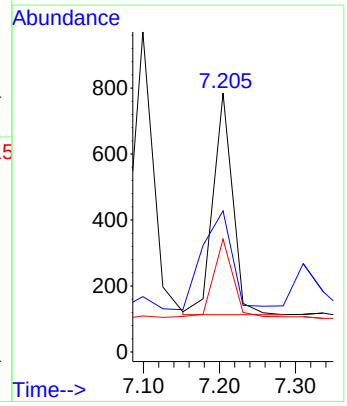




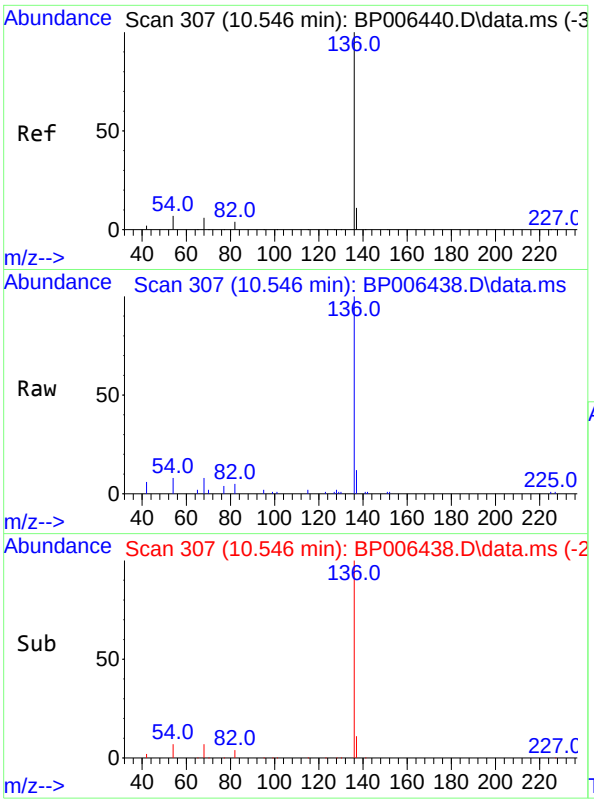
#6
bis(2-Chloroethyl)ether
Concen: 0.153 ng
RT: 7.205 min Scan# 157
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion: 93 Resp: 1204

Ion	Ratio	Lower	Upper
93	100		
63	68.3	51.4	77.0
95	33.6	27.2	40.8



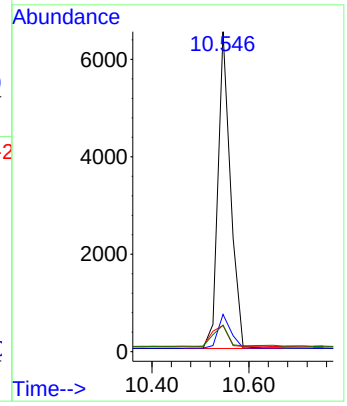
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

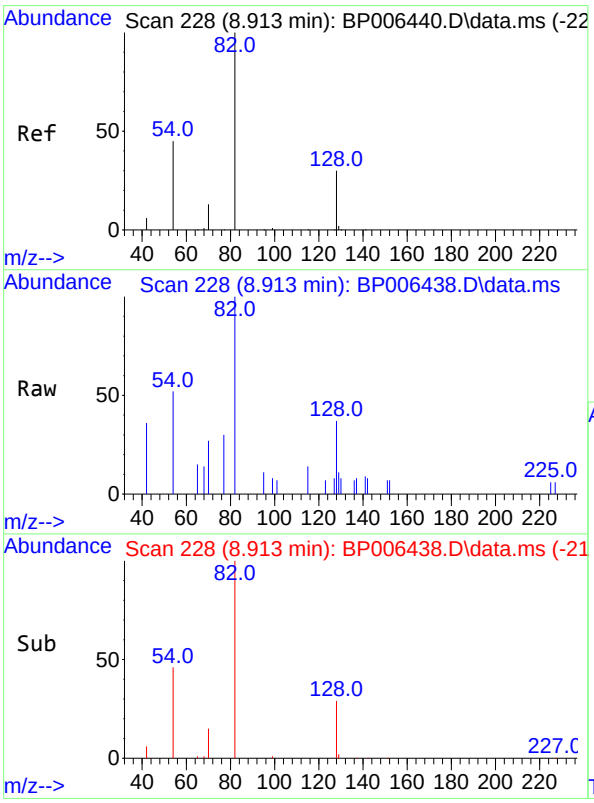


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.546 min Scan# 307
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:136 Resp: 11635

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	8.2	6.2	9.2
68	8.3	6.1	9.1

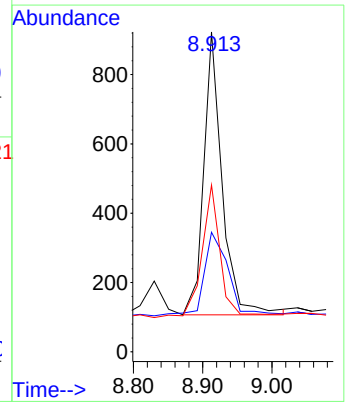




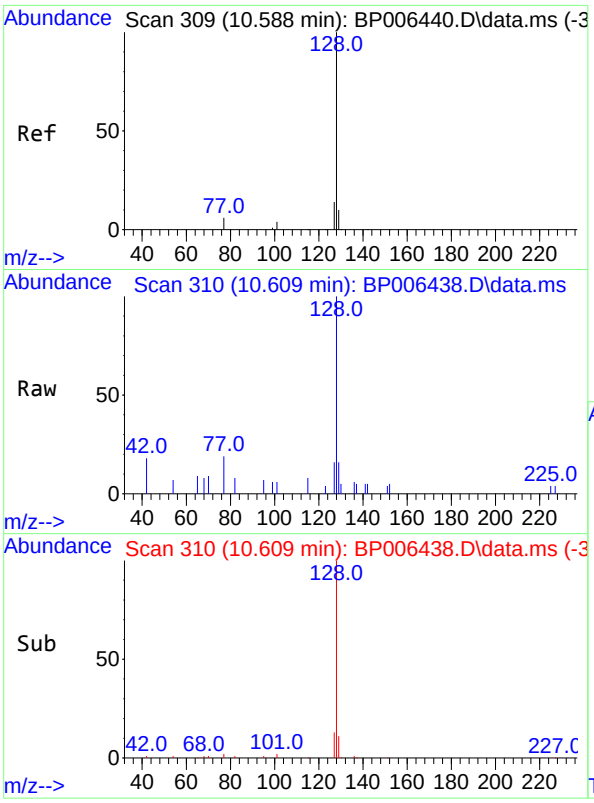
#8
Nitrobenzene-d5
Concen: 0.194 ng
RT: 8.913 min Scan# 228
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion: 82 Resp: 1511

Ion	Ratio	Lower	Upper
82	100		
128	37.4	25.5	38.3
54	52.1	37.0	55.6



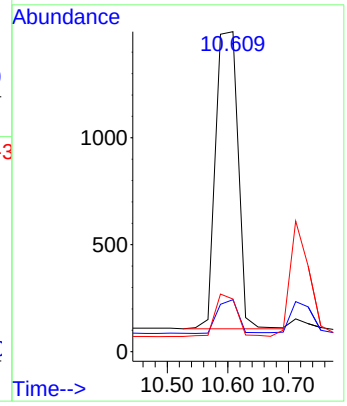
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

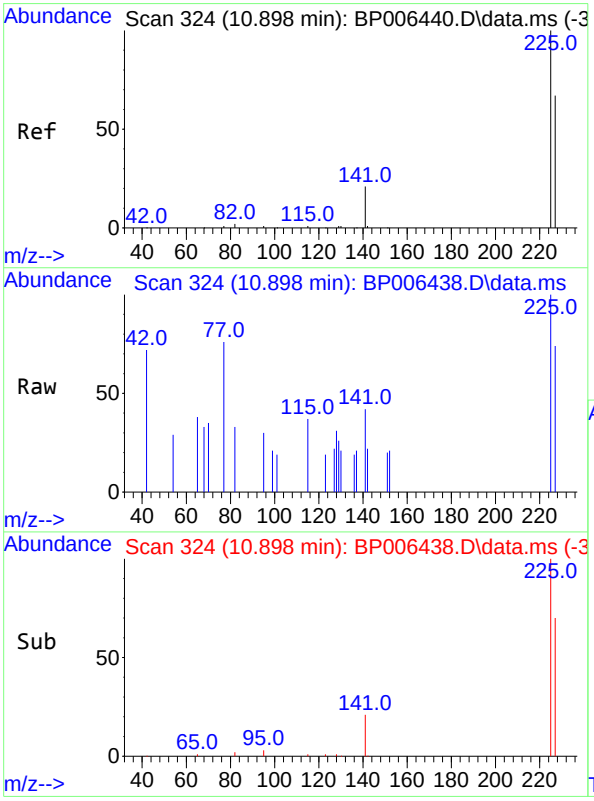


#9
Naphthalene
Concen: 0.119 ng
RT: 10.609 min Scan# 310
Delta R.T. 0.021 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:128 Resp: 3579

Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.3	13.9#
127	16.4	12.0	18.0

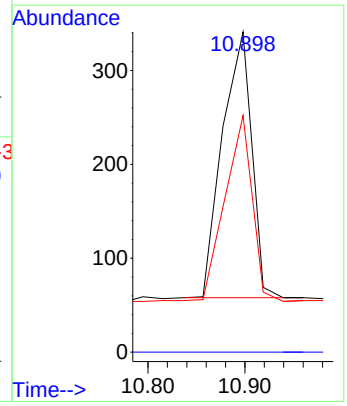




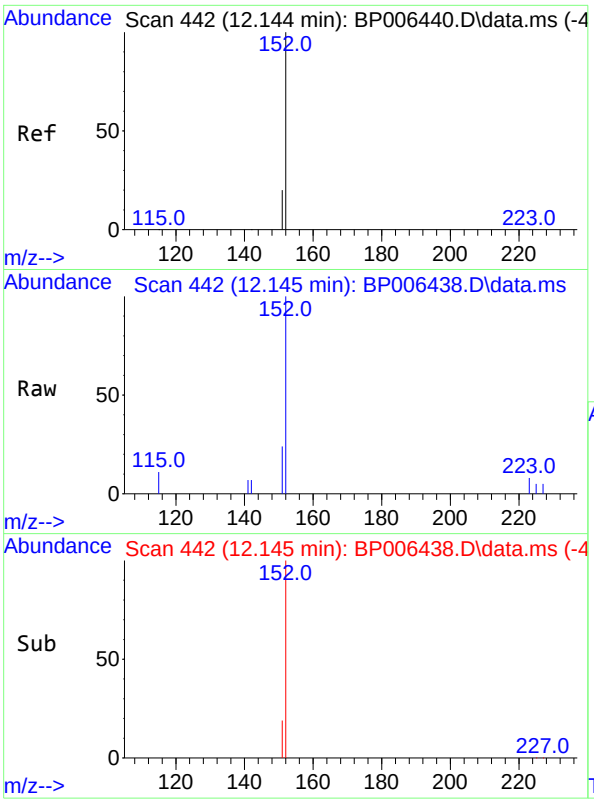
#10
Hexachlorobutadiene
Concen: 0.101 ng
RT: 10.898 min Scan# 324
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:225 Resp: 593

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.1	50.0	75.0



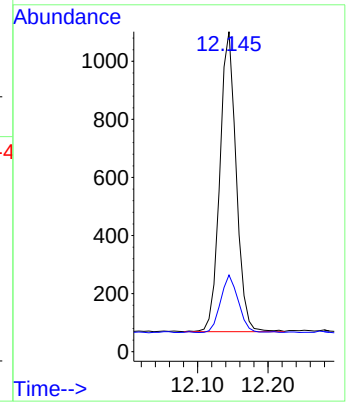
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

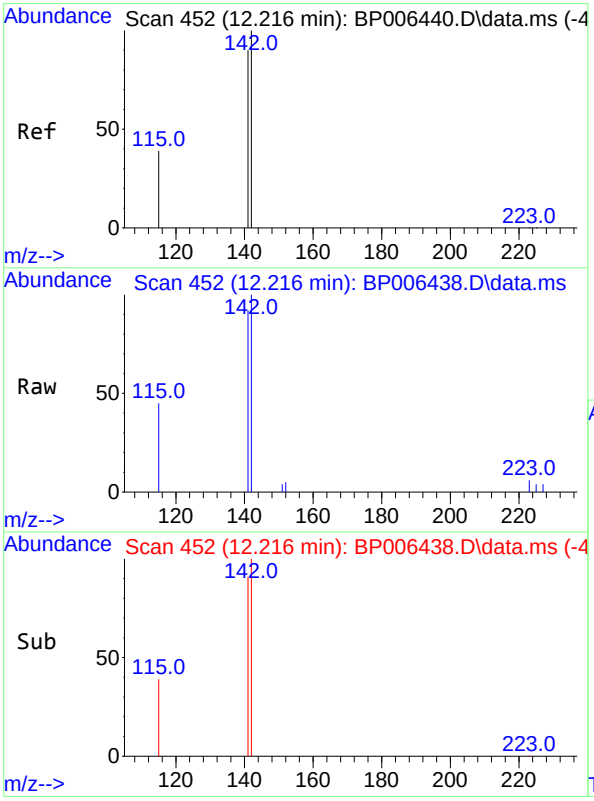


#11
2-Methylnaphthalene-d10
Concen: 0.091 ng
RT: 12.145 min Scan# 442
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:152 Resp: 1665

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.4

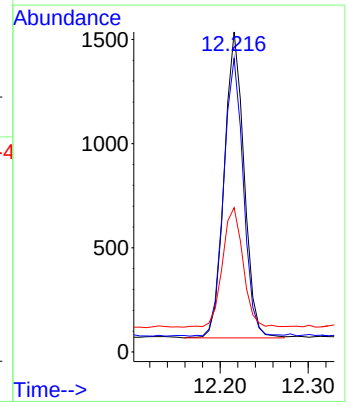




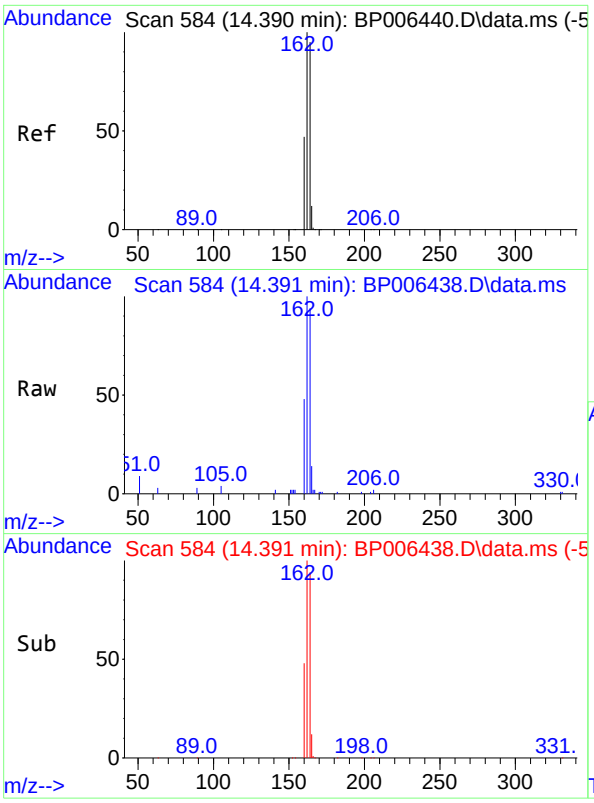
#12
2-Methylnaphthalene
Concen: 0.112 ng
RT: 12.216 min Scan# 452
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:142 Resp: 2283

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.9	107.9
115	45.1	31.9	47.9



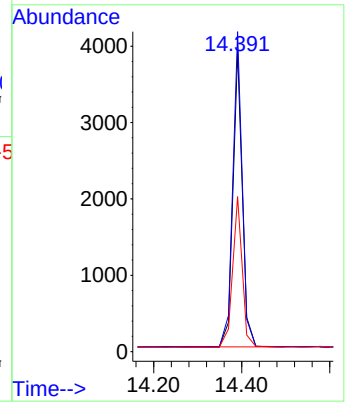
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

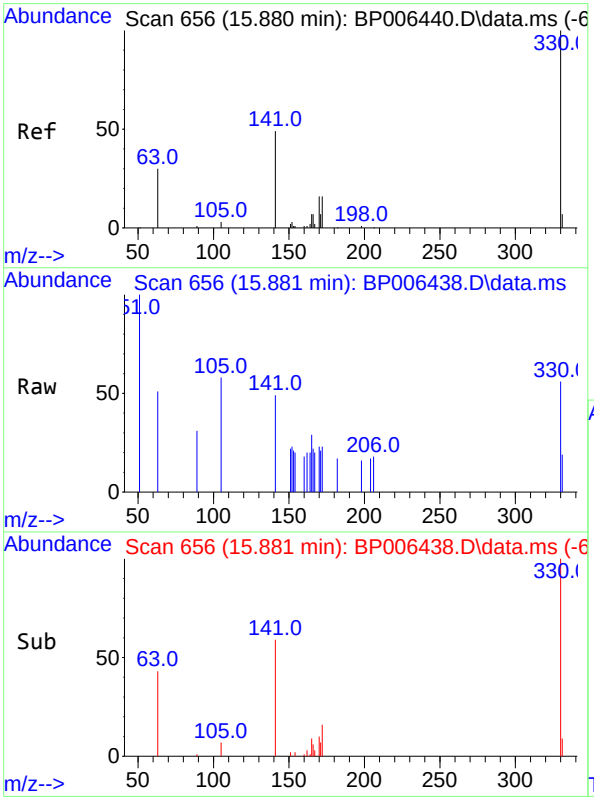


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.391 min Scan# 584
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:164 Resp: 5723

Ion	Ratio	Lower	Upper
164	100		
162	106.6	84.3	126.5
160	51.6	40.1	60.1

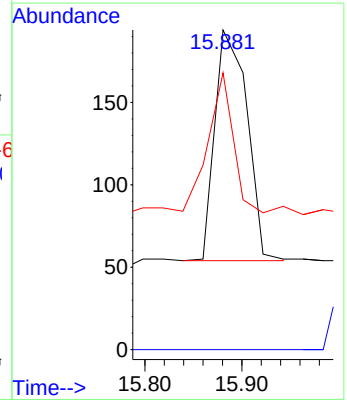




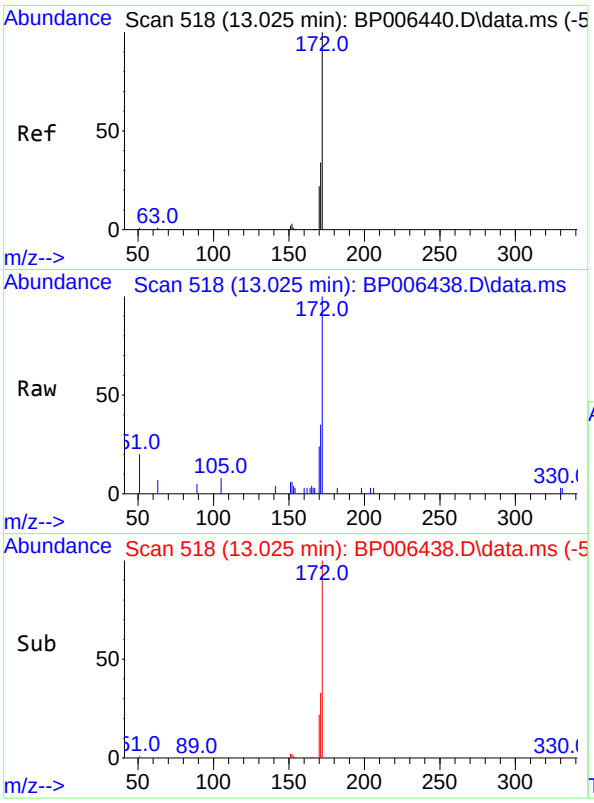
#14
2,4,6-Tribromophenol
Concen: 0.139 ng
RT: 15.881 min Scan# 656
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:330 Resp: 323

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.7	36.5	54.7



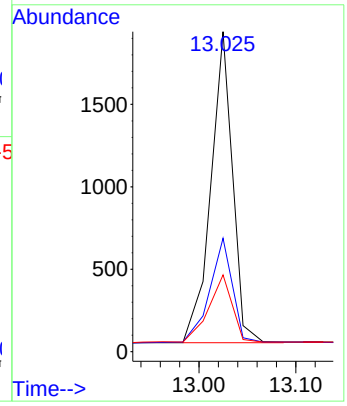
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

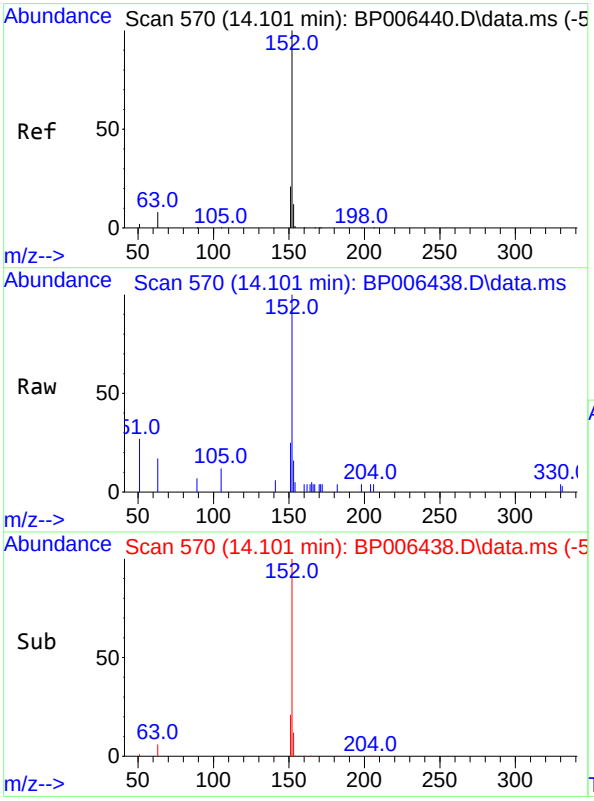


#15
2-Fluorobiphenyl
Concen: 0.135 ng
RT: 13.025 min Scan# 518
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:172 Resp: 2941

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.4	41.0
170	24.0	18.2	27.2

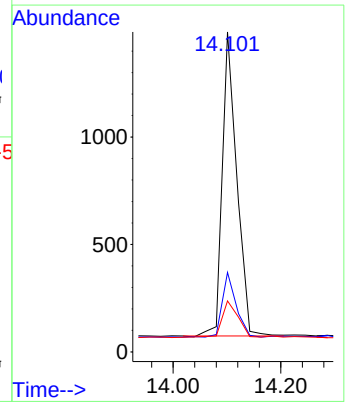




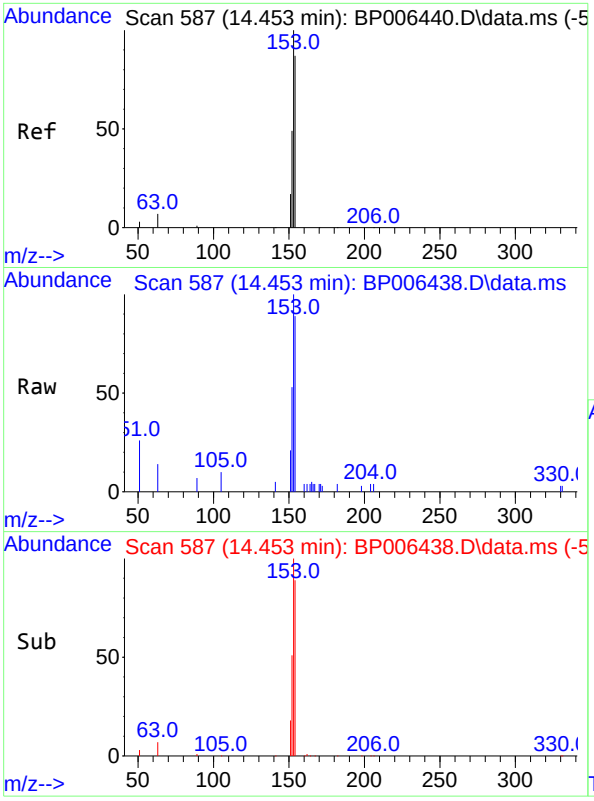
#16
Acenaphthylene
Concen: 0.102 ng
RT: 14.101 min Scan# 570
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:152 Resp: 2651

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.7	23.5
153	13.4	10.2	15.4



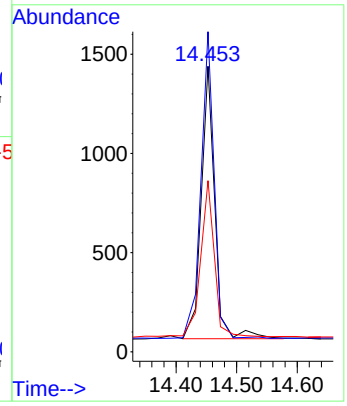
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

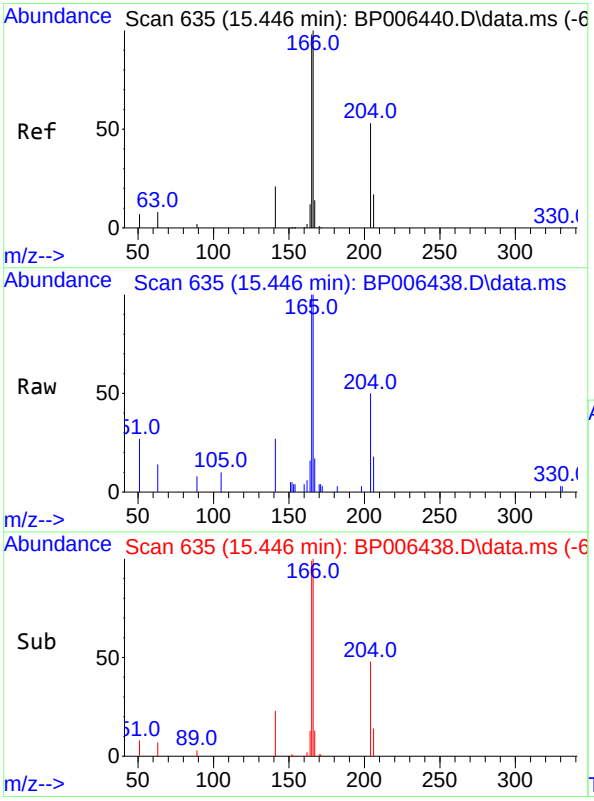


#17
Acenaphthene
Concen: 0.131 ng
RT: 14.453 min Scan# 587
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:154 Resp: 2129

Ion	Ratio	Lower	Upper
154	100		
153	110.7	88.4	132.6
152	57.0	44.7	67.1

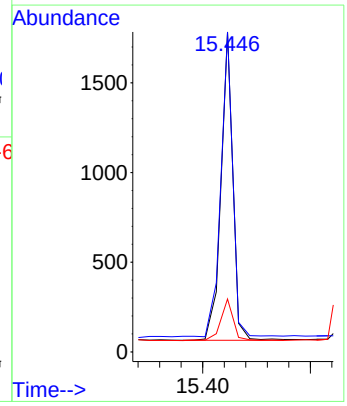




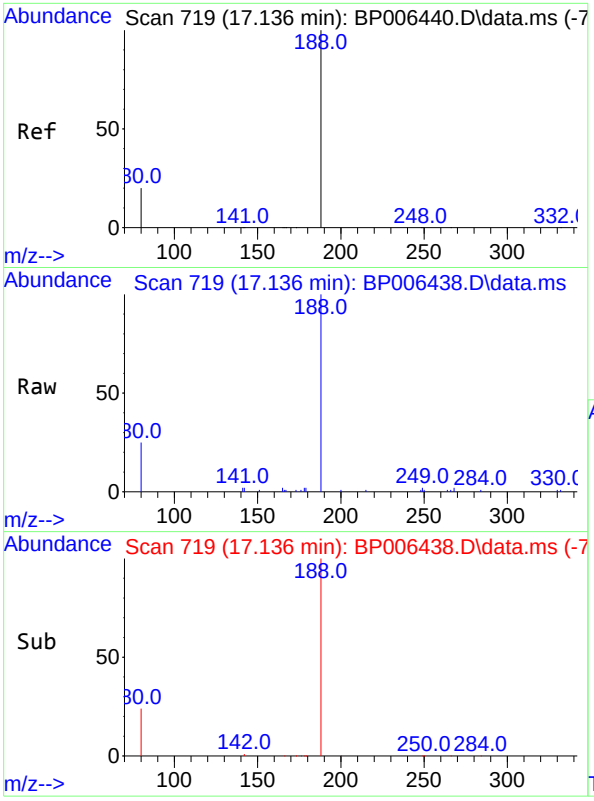
#18
Fluorene
Concen: 0.129 ng
RT: 15.446 min Scan# 635
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:166 Resp: 2626

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.8	121.2
167	14.4	10.7	16.1



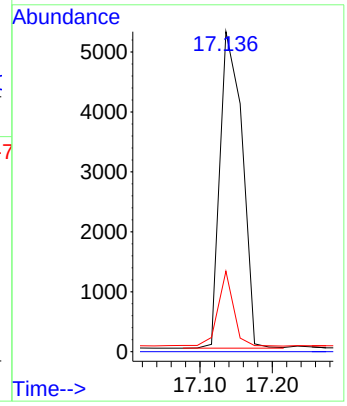
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

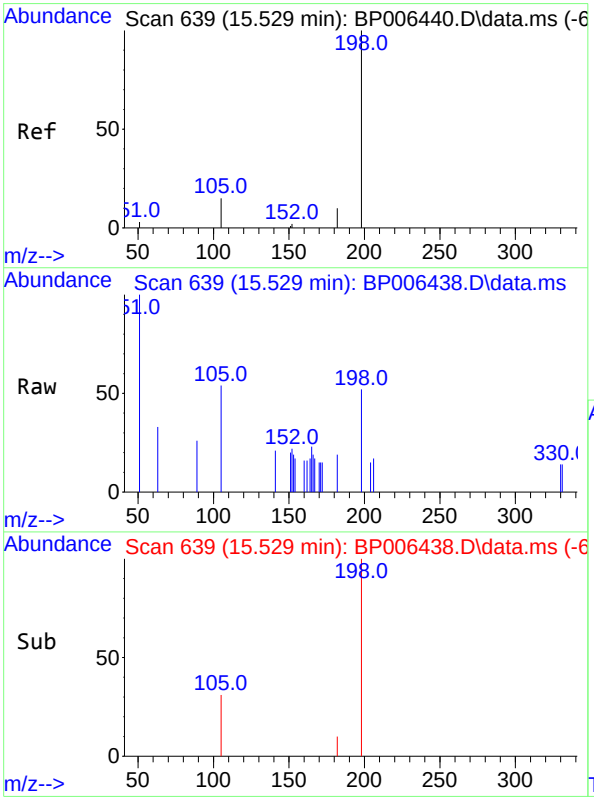


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 719
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:188 Resp: 11346

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	25.2	17.0	25.4

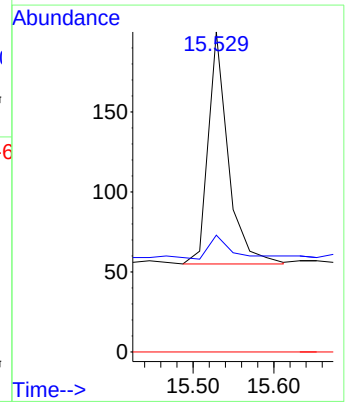




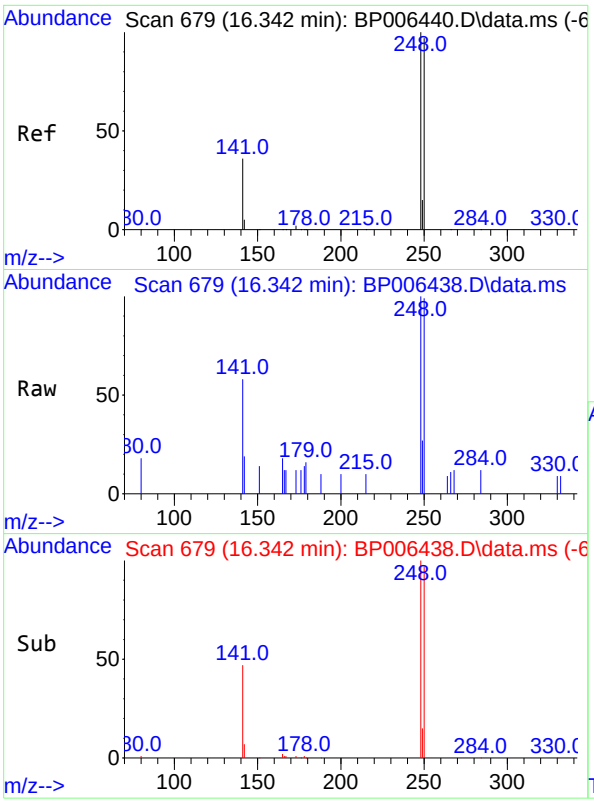
#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.529 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:198 Resp: 248

Ion	Ratio	Lower	Upper
198	100		
182	36.5	13.8	20.8#
77	0.0	0.0	0.0



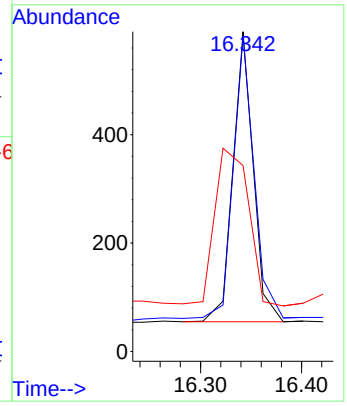
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

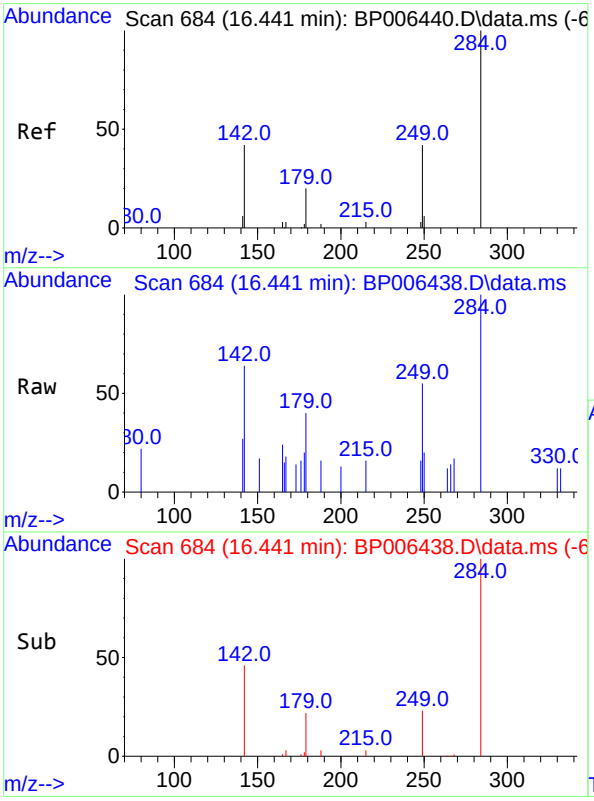


#21
4-Bromophenyl-phenylether
Concen: 0.110 ng
RT: 16.342 min Scan# 679
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:248 Resp: 745

Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.6	116.4
141	58.1	31.0	46.6#

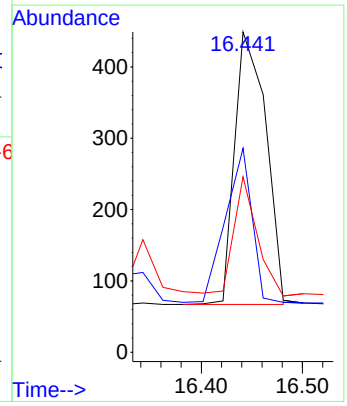




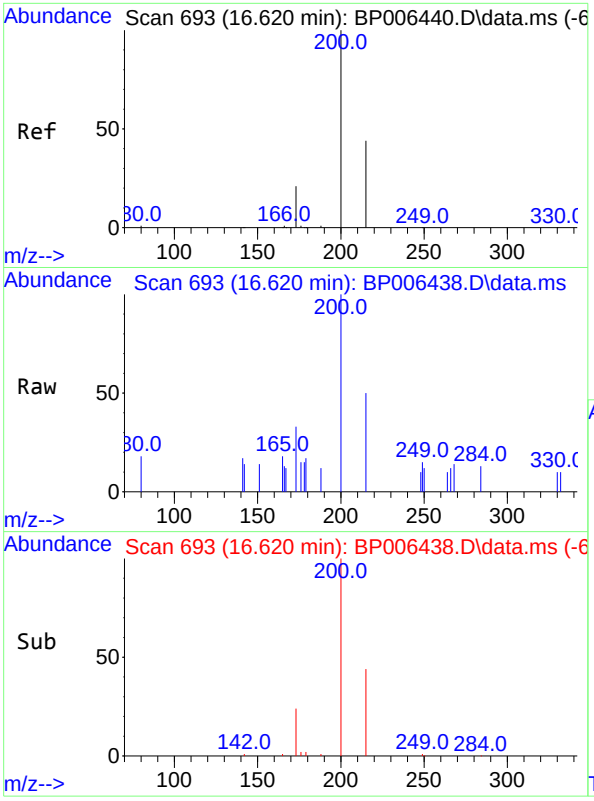
#22
Hexachlorobenzene
Concen: 0.125 ng
RT: 16.441 min Scan# 684
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:284 Resp: 819

Ion	Ratio	Lower	Upper
284	100		
142	47.6	38.4	57.6
249	32.7	27.4	41.2



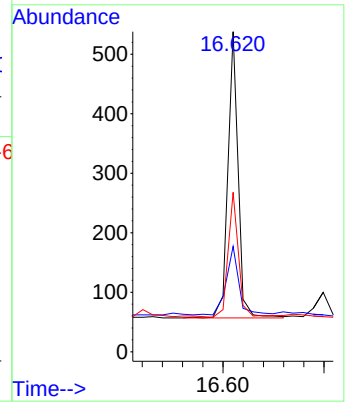
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

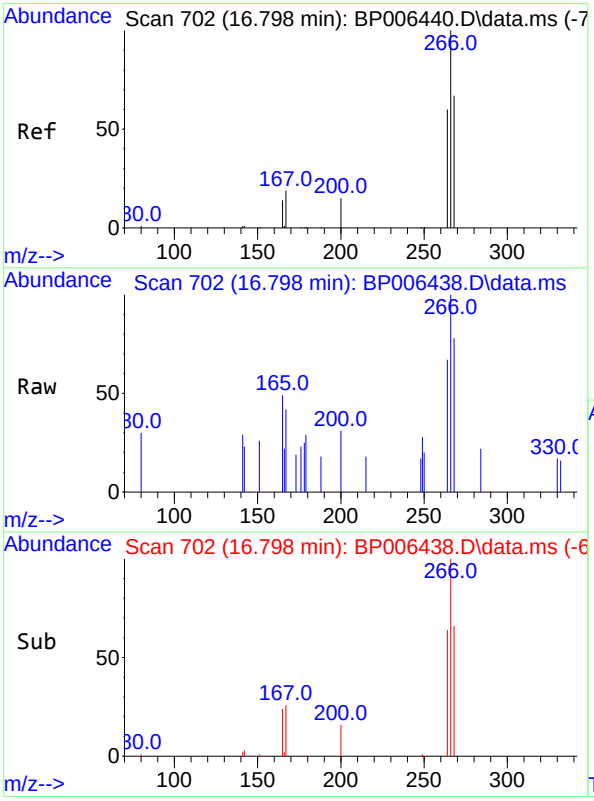


#23
Atrazine
Concen: 0.111 ng
RT: 16.620 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:200 Resp: 671

Ion	Ratio	Lower	Upper
200	100		
173	32.9	18.6	28.0#
215	49.8	37.0	55.4

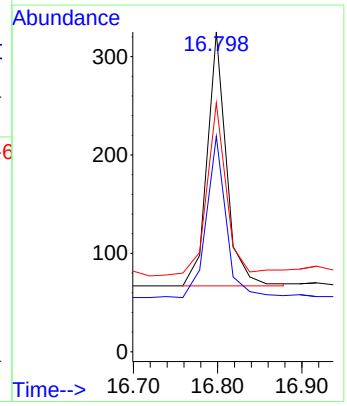




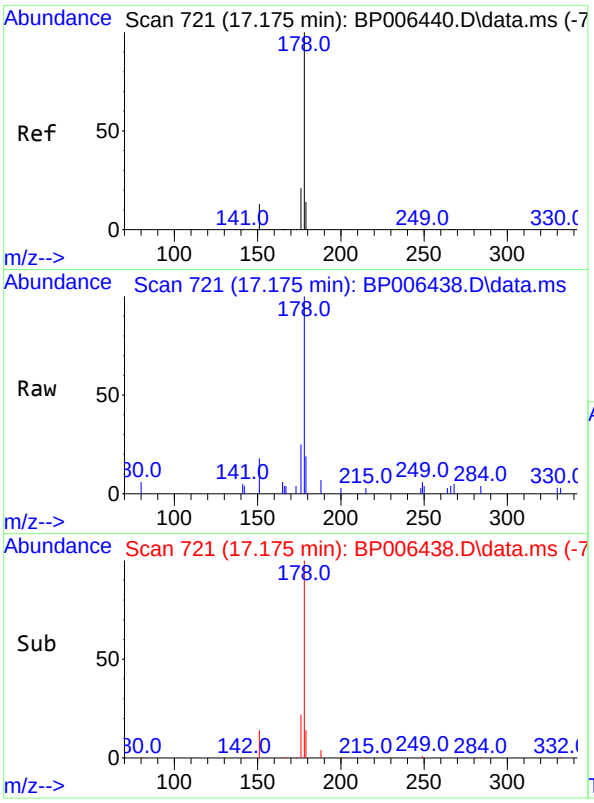
#24
Pentachlorophenol
Concen: 0.169 ng
RT: 16.798 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:266 Resp: 407

Ion	Ratio	Lower	Upper
266	100		
264	66.6	49.8	74.8
268	69.0	51.8	77.6



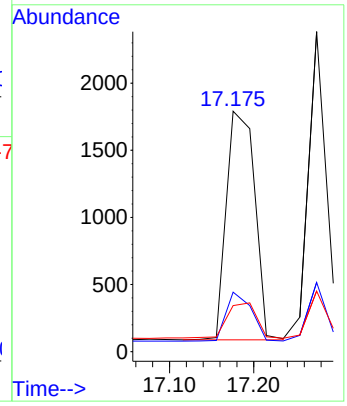
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

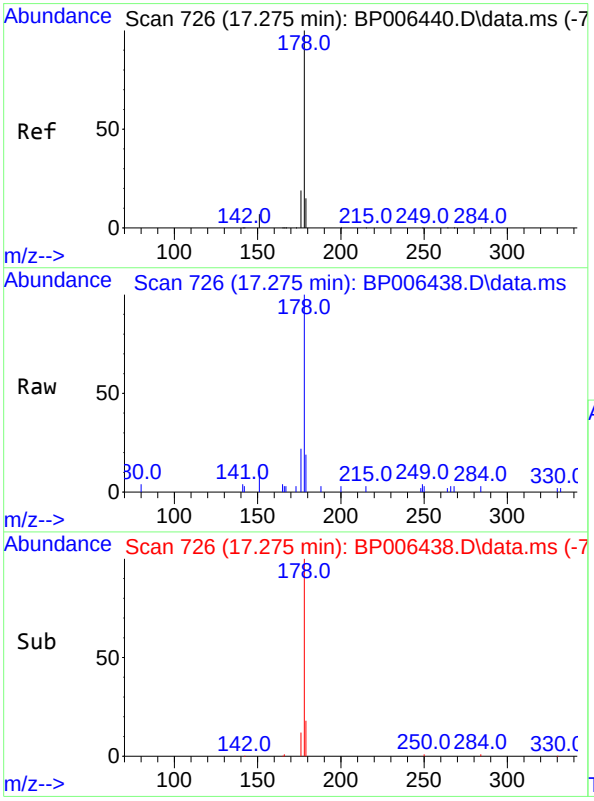


#25
Phenanthrene
Concen: 0.127 ng
RT: 17.175 min Scan# 721
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:178 Resp: 3973

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	17.6	12.3	18.5

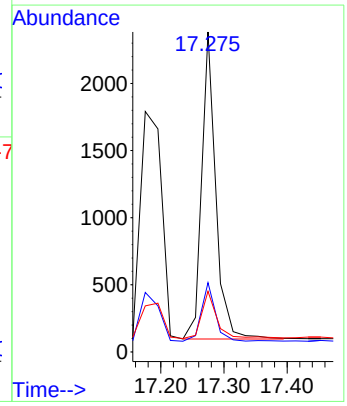




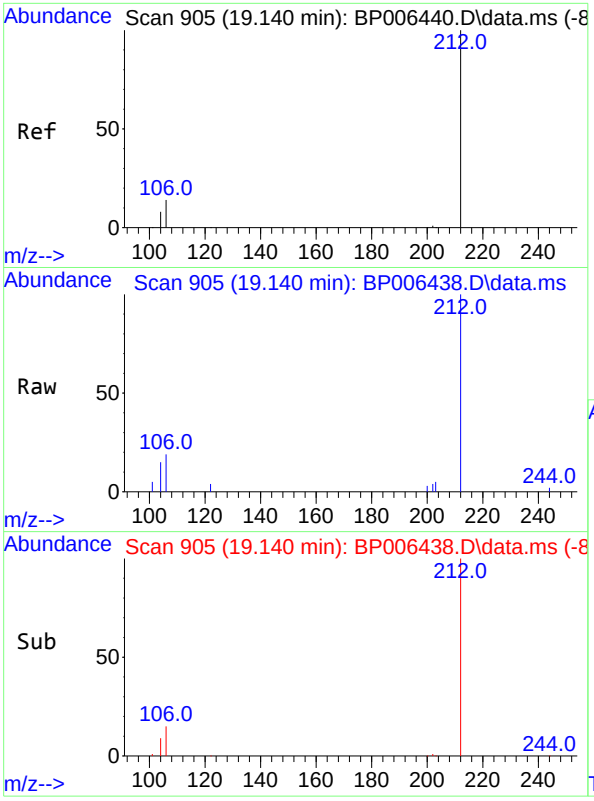
#26
Anthracene
Concen: 0.117 ng
RT: 17.275 min Scan# 726
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:178 Resp: 3543

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.7	12.0	18.0



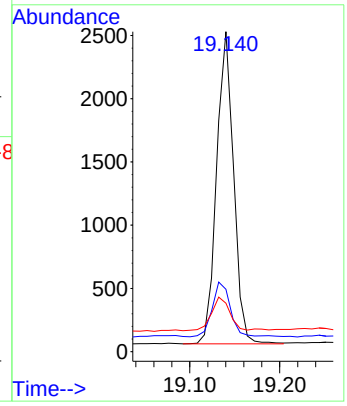
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

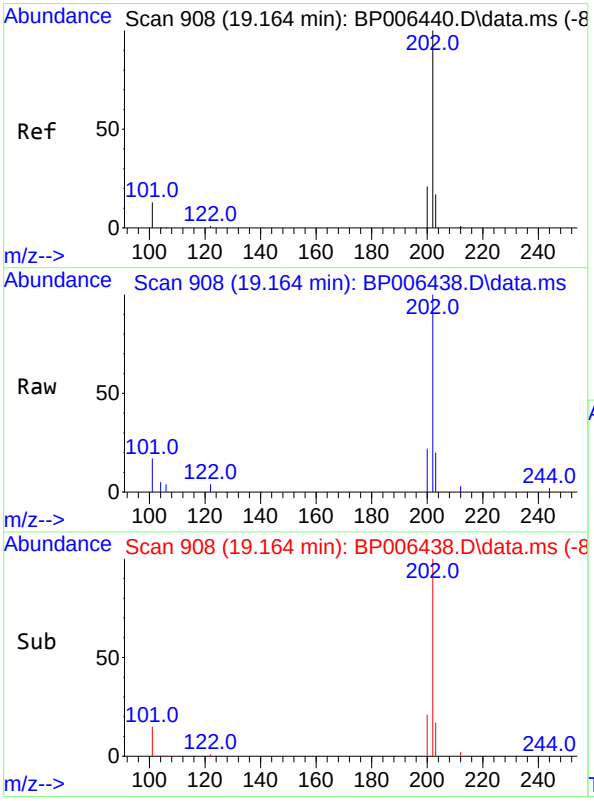


#27
Fluoranthene-d10
Concen: 0.101 ng
RT: 19.140 min Scan# 905
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:212 Resp: 3238

Ion	Ratio	Lower	Upper
212	100		
106	19.2	14.6	21.8
104	11.6	8.9	13.3

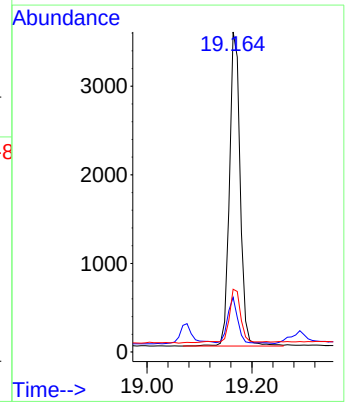




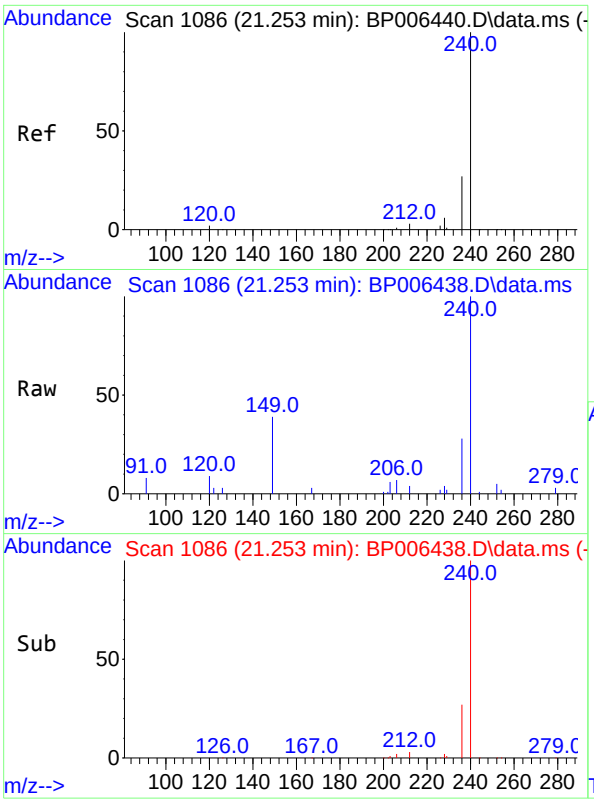
#28
Fluoranthene
Concen: 0.140 ng
RT: 19.164 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:202 Resp: 5005

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.3	16.9
203	17.0	13.4	20.2



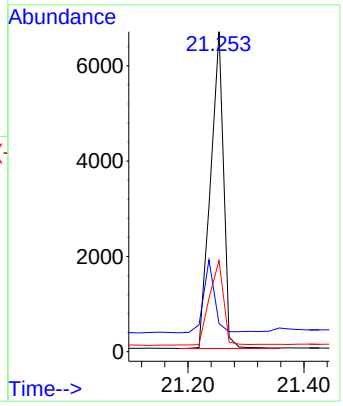
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

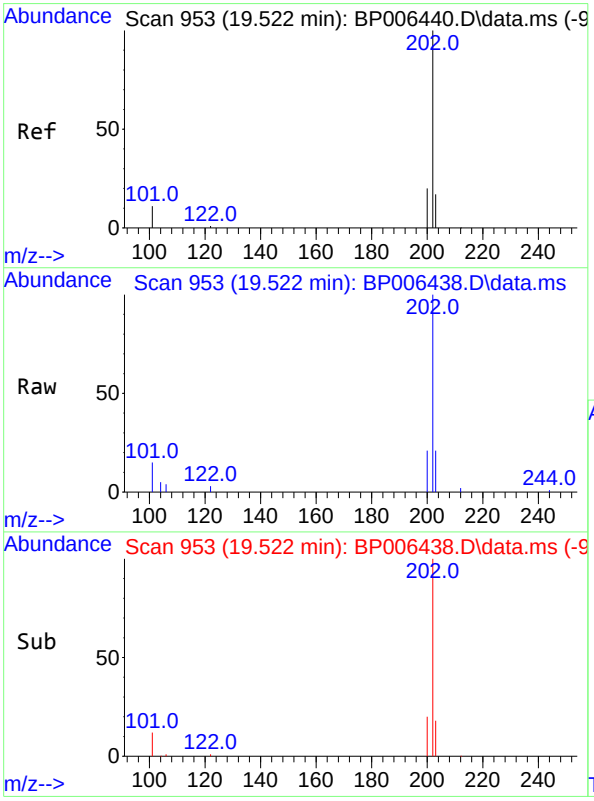


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.253 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:240 Resp: 10334

Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.8	8.8
236	28.5	22.6	33.8

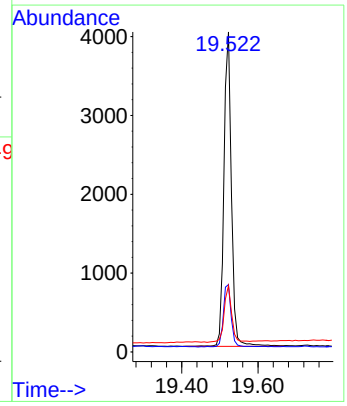




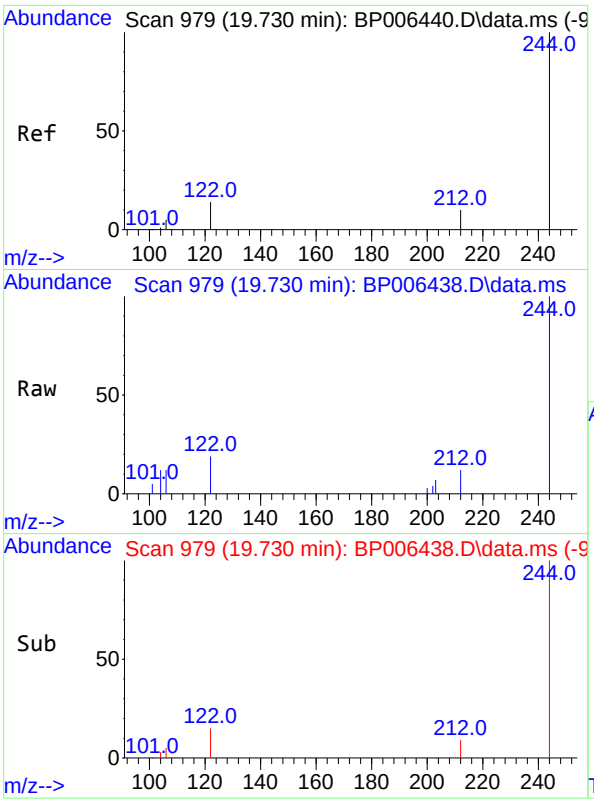
#30
Pyrene
Concen: 0.154 ng
RT: 19.522 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:202 Resp: 5431

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.3	14.1	21.1



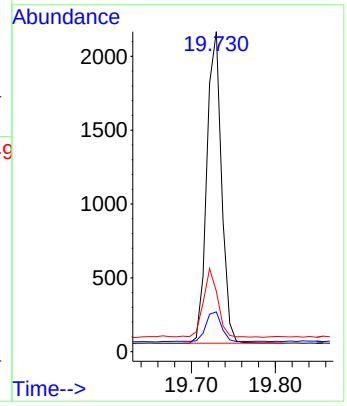
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

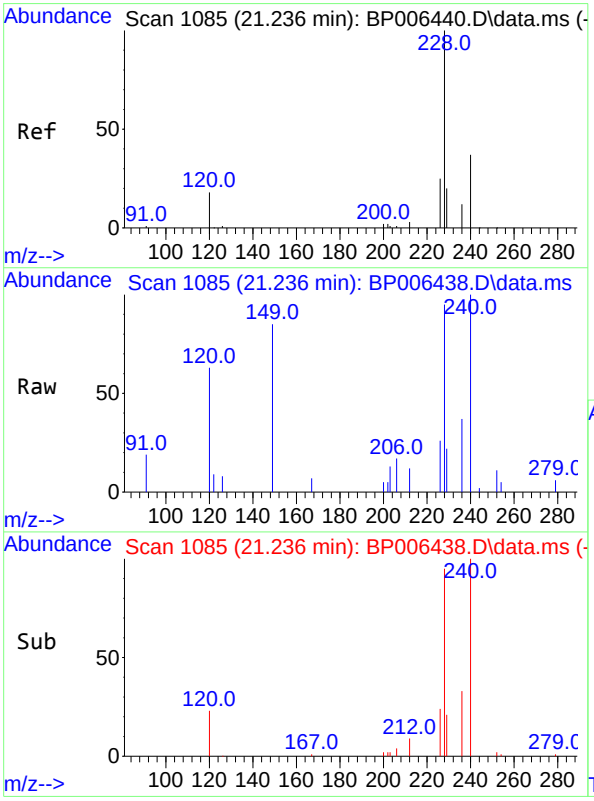


#31
Terphenyl-d14
Concen: 0.098 ng
RT: 19.730 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:244 Resp: 2564

Ion	Ratio	Lower	Upper
244	100		
212	12.5	8.5	12.7
122	18.9	11.8	17.6#

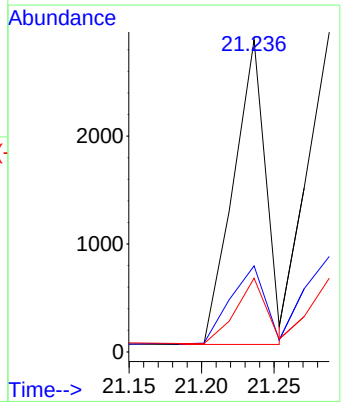




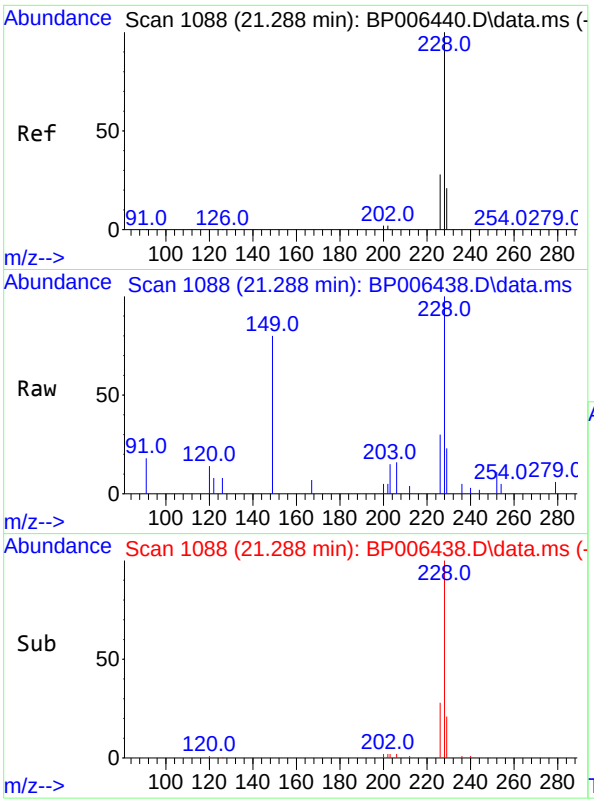
#32
Benzo(a)anthracene
Concen: 0.125 ng
RT: 21.236 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:228 Resp: 4383

Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.6	30.8
229	23.7	16.6	25.0



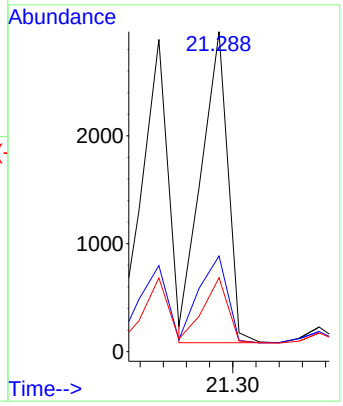
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

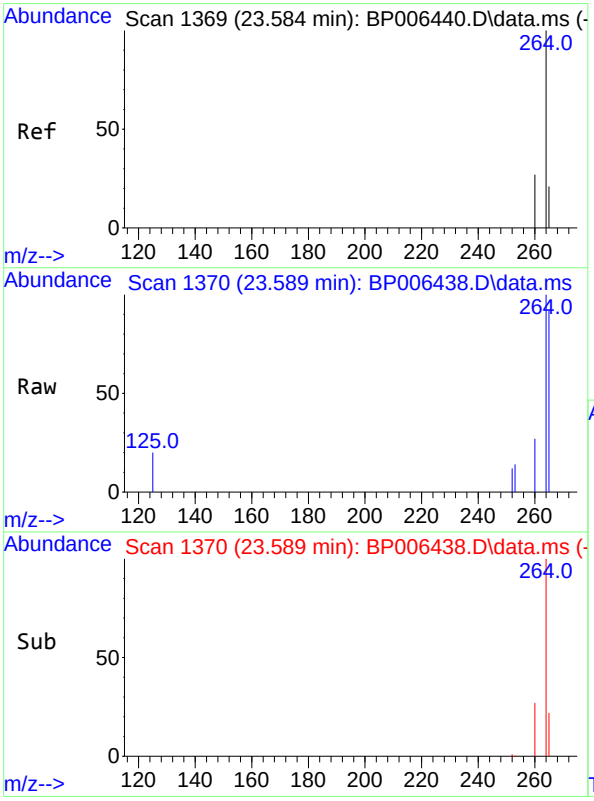


#33
Chrysene
Concen: 0.138 ng
RT: 21.288 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:228 Resp: 4584

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.4	33.6
229	23.1	17.4	26.2

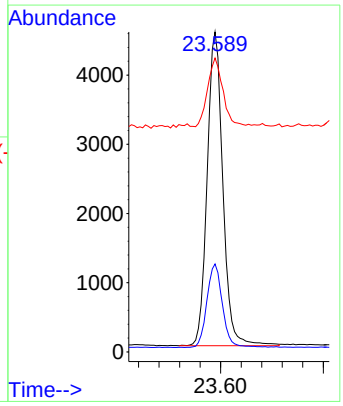




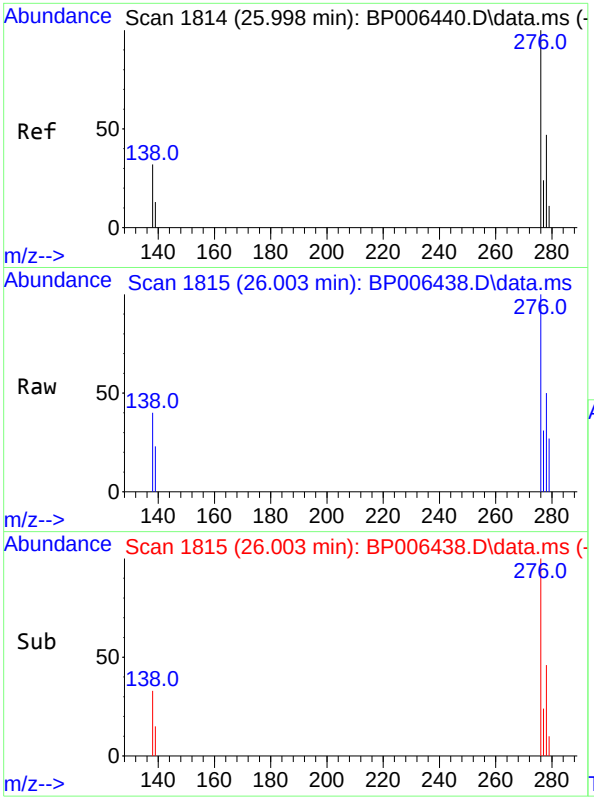
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:264 Resp: 9602

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.2	33.4
265	91.8	64.2	96.2



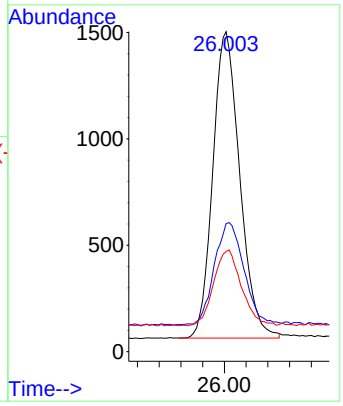
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

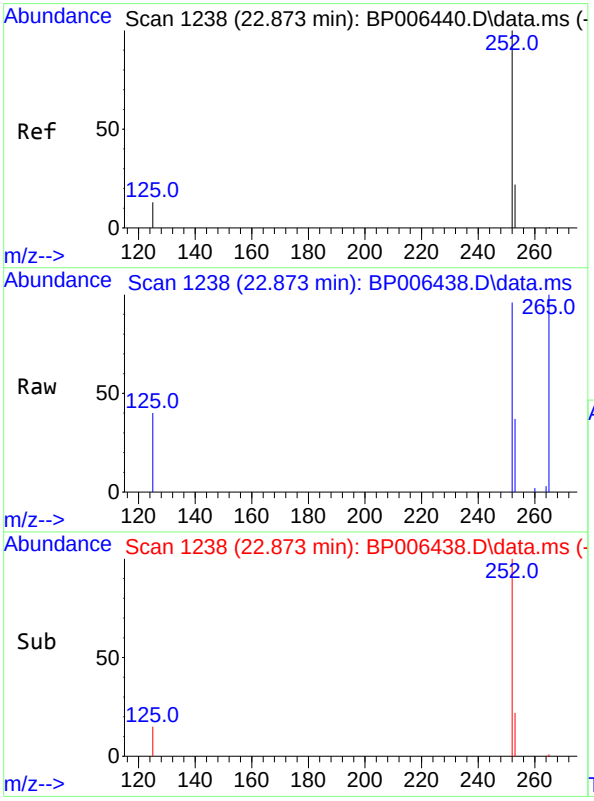


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.142 ng
RT: 26.003 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:276 Resp: 4958

Ion	Ratio	Lower	Upper
276	100		
138	36.4	27.7	41.5
277	25.5	19.8	29.8

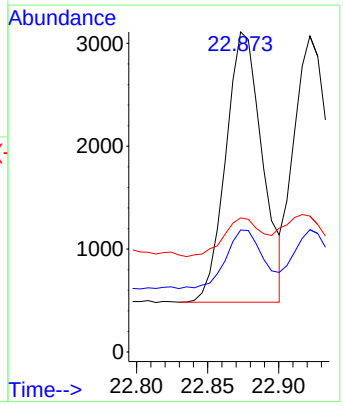


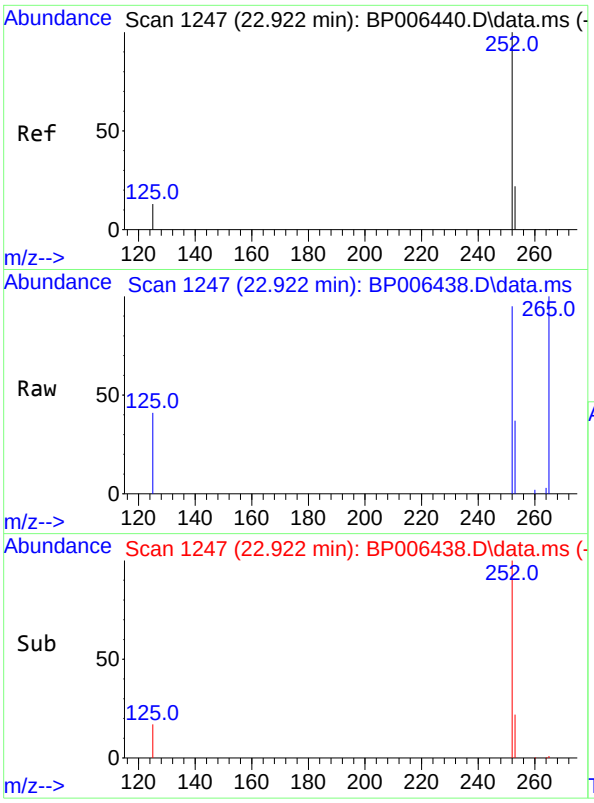


#37
Benzo(b)fluoranthene
Concen: 0.145 ng
RT: 22.873 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:252 Resp: 4725

Ion	Ratio	Lower	Upper
252	100		
253	38.1	20.8	31.2#
125	41.9	16.3	24.5#

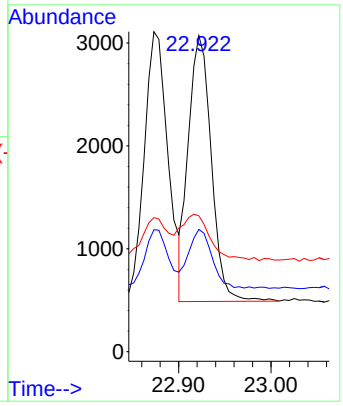


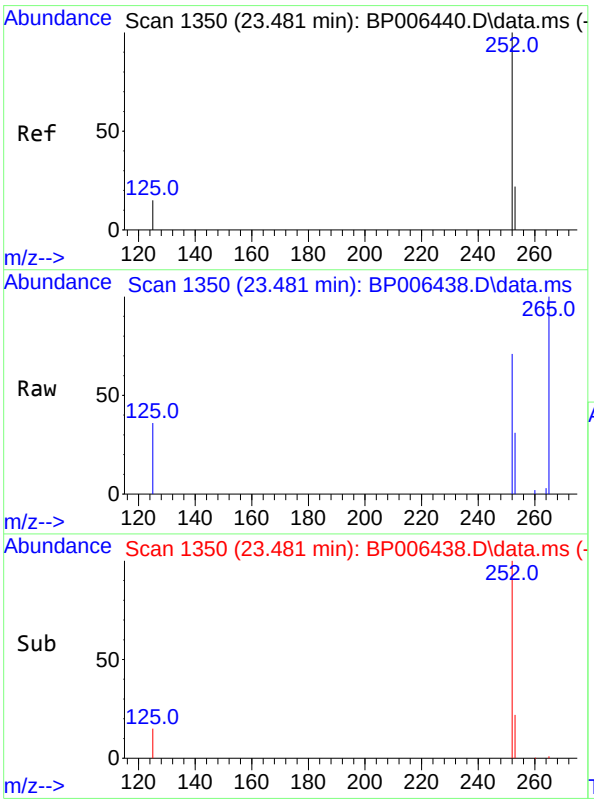


#38
Benzo(k)fluoranthene
Concen: 0.139 ng
RT: 22.922 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:252 Resp: 4456

Ion	Ratio	Lower	Upper
252	100		
253	38.7	21.0	31.6#
125	43.0	17.1	25.7#

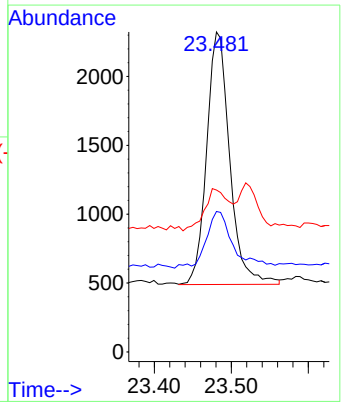




#39
Benzo(a)pyrene
Concen: 0.130 ng
RT: 23.481 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

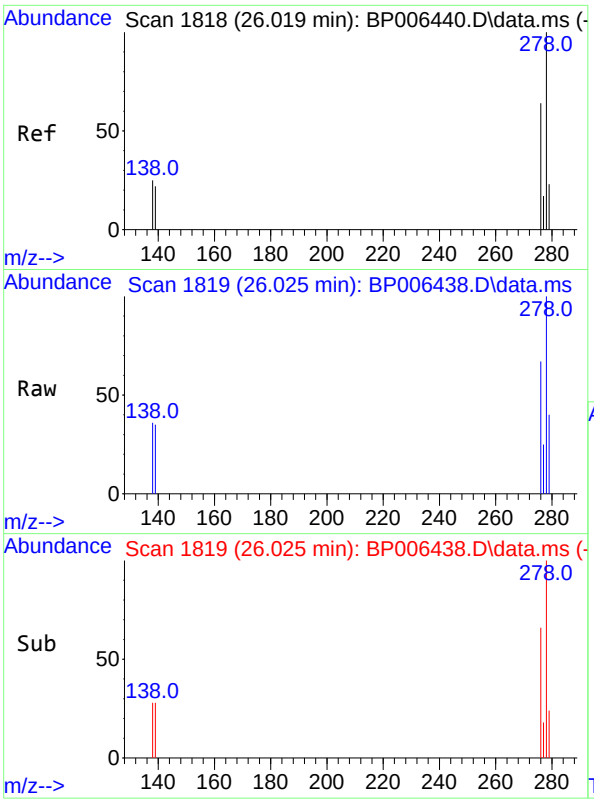
Tgt Ion:252 Resp: 3818

Ion	Ratio	Lower	Upper
252	100		
253	43.9	22.9	34.3#
125	50.6	20.2	30.2#



Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

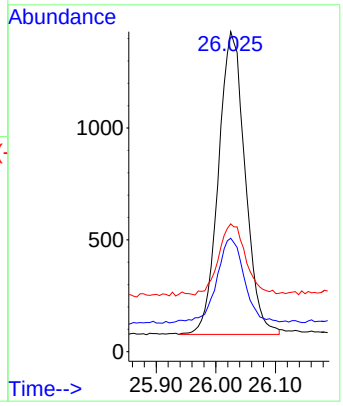
Instrument :
BNA_P
ClientSampleId :
SSTDICC0.1

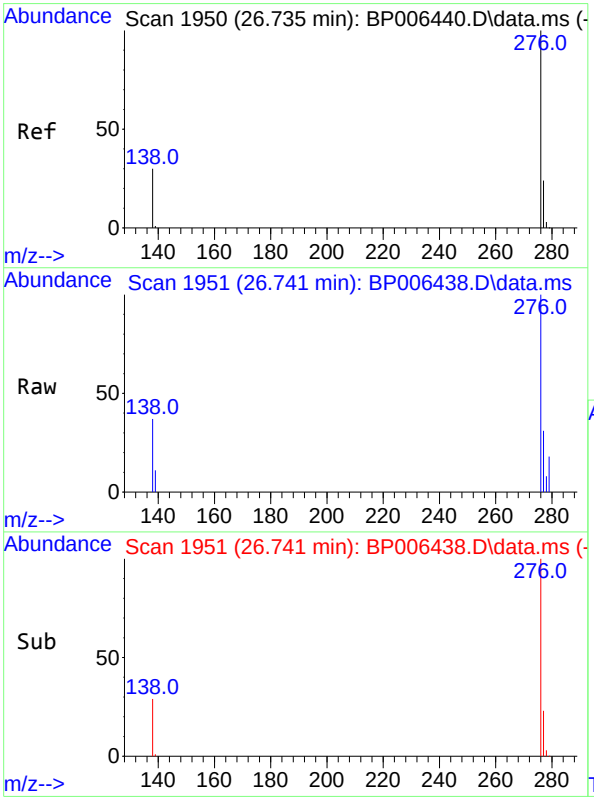


#40
Dibenzo(a,h)anthracene
Concen: 0.142 ng
RT: 26.025 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:278 Resp: 4202

Ion	Ratio	Lower	Upper
278	100		
139	35.4	19.3	28.9#
279	40.0	21.8	32.6#





#41
Benzo(g,h,i)perylene
Concen: 0.151 ng
RT: 26.741 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP006438.D
Acq: 30 Jul 2021 14:59

Tgt Ion:276 Resp: 4498

Ion	Ratio	Lower	Upper
276	100		
277	30.7	20.6	31.0
138	36.5	25.5	38.3