Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009612.D
Acq On : 30 Mar 2022 01:14
Operator : CG/JU
Sample : N2095-12 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Time: Mar 30 04:12:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 04:00:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	332602	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1340886	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	817619	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	1653134	20.000	ng		0.00
76) Chrysene-d12	21.292	240	1553530	20.000	ng		0.00
86) Perylene-d12	23.692	264	1768054	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	874406	45.900	ng		0.00
7) Phenol-d6	6.958	99	1142448	44.345	ng		0.00
23) Nitrobenzene-d5	8.922	82	679653	26.935	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	487188	36.109	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	1706866	28.940	ng		0.00
79) Terphenyl-d14	19.757	244	2410119	27.846	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.922	77	1731	Below Cal		#	58
41) Hexachlorocyclopentadiene	12.557	237	53	7.292	ng		91
49) Acenaphthylene	14.134	152	318562	4.297	ng		100
54) 2,4-Dinitrophenol	14.575	184	107	4.545	ng	#	1
71) Phenanthrene	17.216	178	1432097	16.183	ng		100
72) Anthracene	17.310	178	478503	5.477	ng		99
75) Fluoranthene	19.204	202	3081217	28.760	ng		99
78) Pyrene	19.557	202	2967872	28.991	ng		100
81) Benzo(a)anthracene	21.280	228	1922689	18.838	ng		96
83) Chrysene	21.327	228	1649574	17.068	ng		98
87) Indeno(1,2,3-cd)pyrene	26.192	276	1333114	9.938	ng	#	93
88) Benzo(b)fluoranthene	22.963	252	3422667	32.428	ng		98
89) Benzo(k)fluoranthene	22.963	252	3422667	33.120	ng		98
90) Benzo(a)pyrene	23.586	252	1870447	20.713	ng		98
91) Dibenzo(a,h)anthracene	26.192	278	370729	3.316	ng	#	90
92) Benzo(g,h,i)perylene	26.951	276	1307924	11.893	ng		95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
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Misc :
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Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Quant Time: Mar 30 04:12:27 2022
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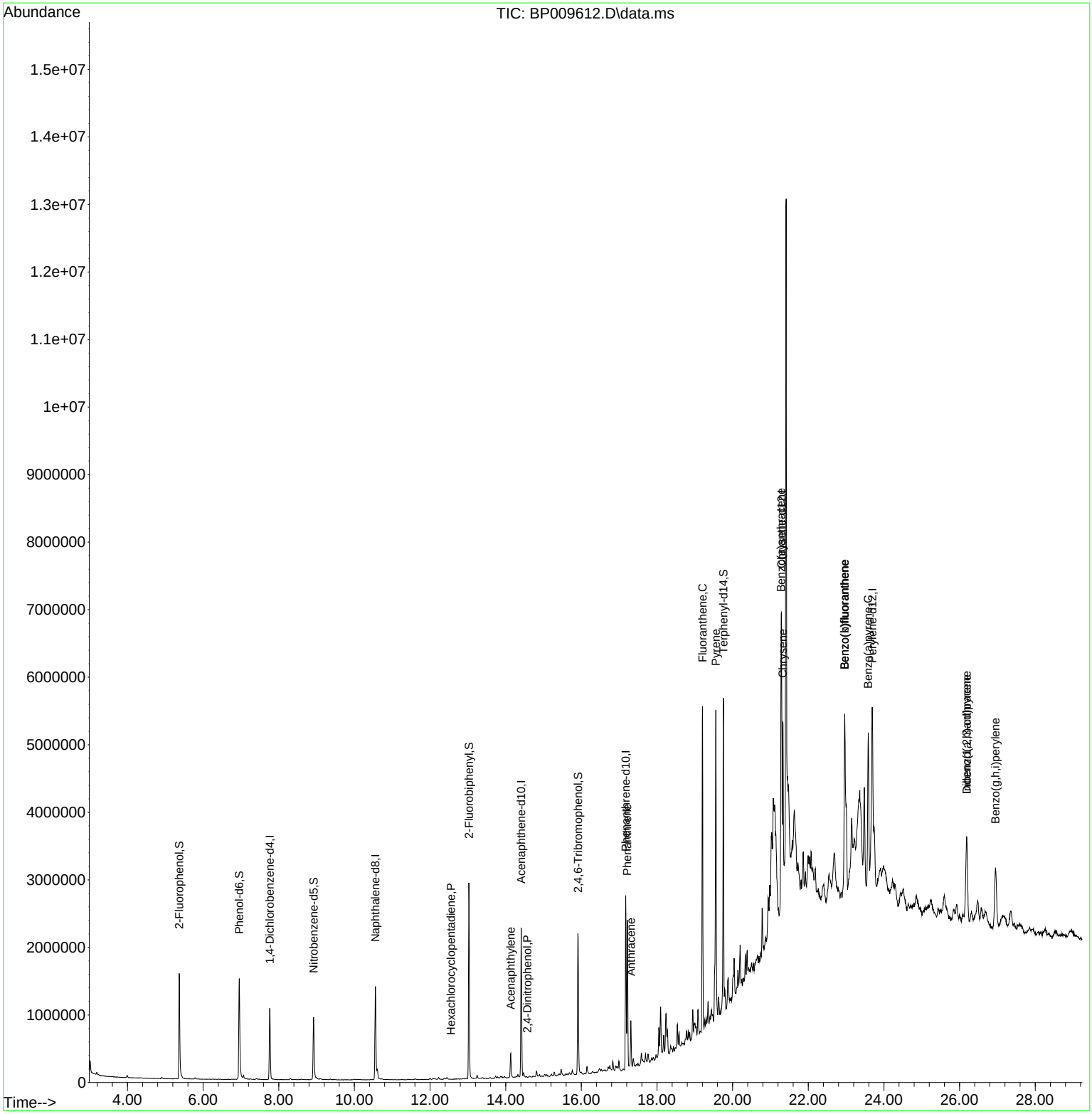
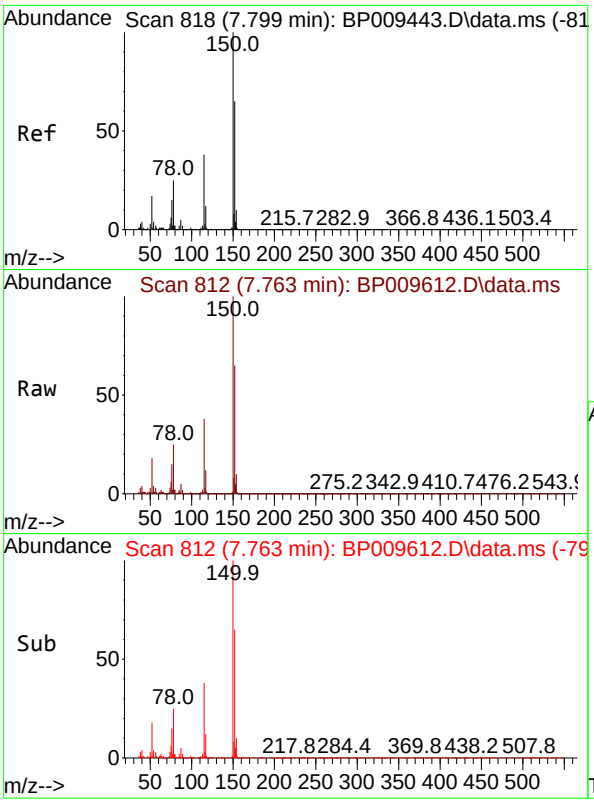


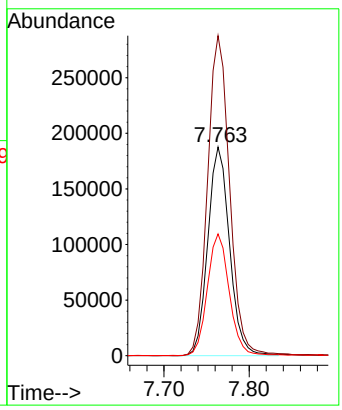


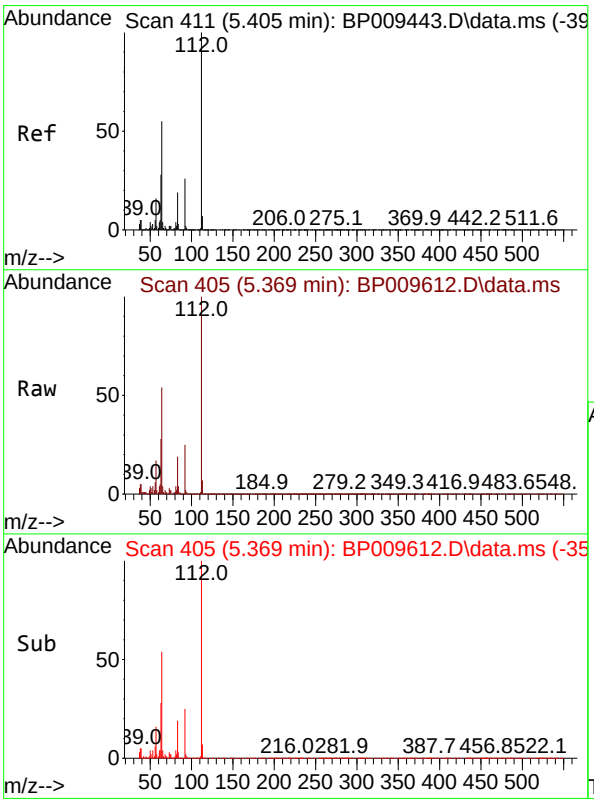
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:152 Resp: 332602

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.5	186.7
115	58.3	48.2	72.4

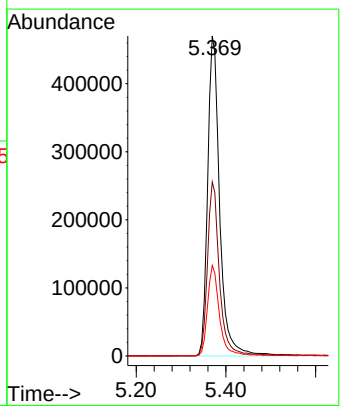


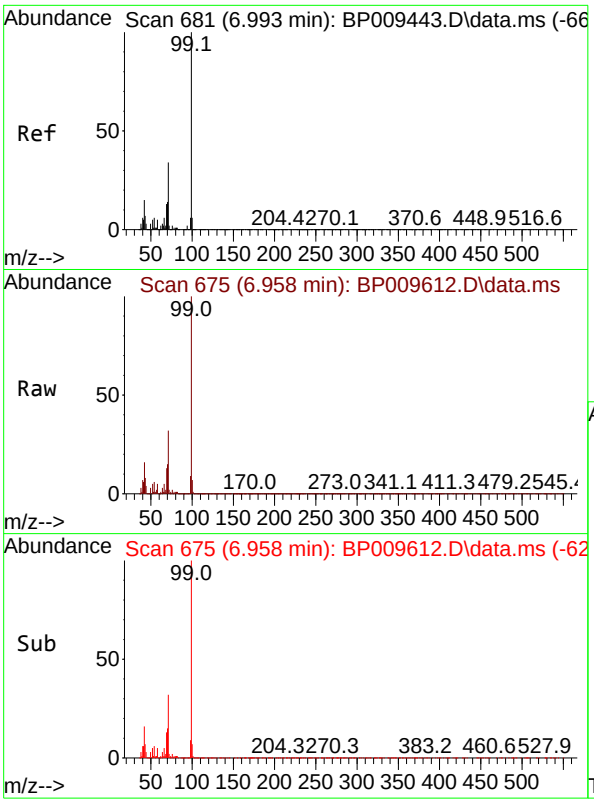


#5
2-Fluorophenol
Concen: 45.900 ng
RT: 5.369 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:112 Resp: 874406

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.0	67.4
63	28.3	23.0	34.6



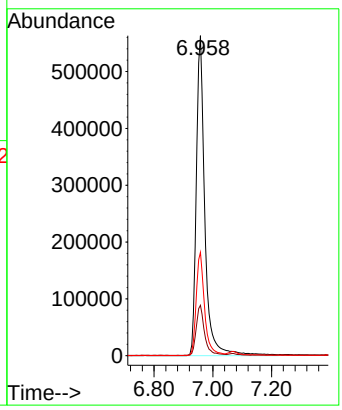


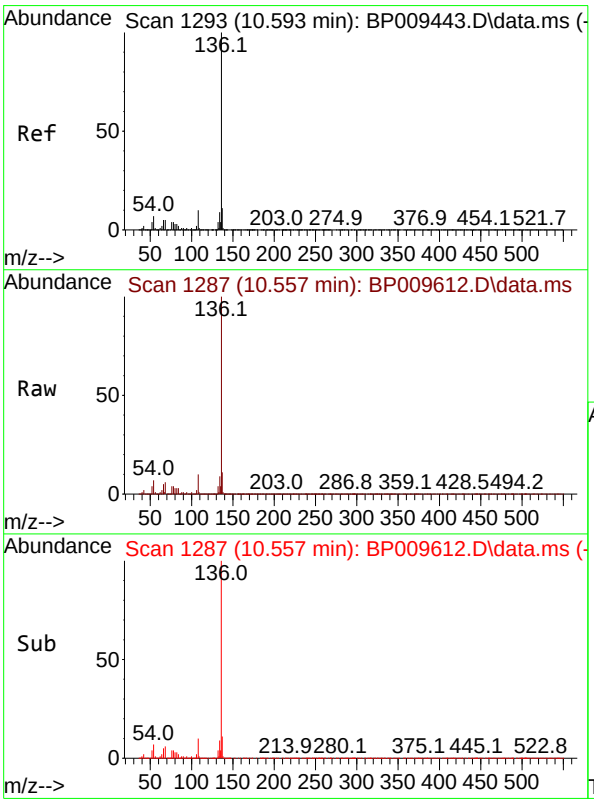
#7
Phenol-d6
Concen: 44.345 ng
RT: 6.958 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion: 99 Resp: 1142448

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	32.3	26.3	39.5

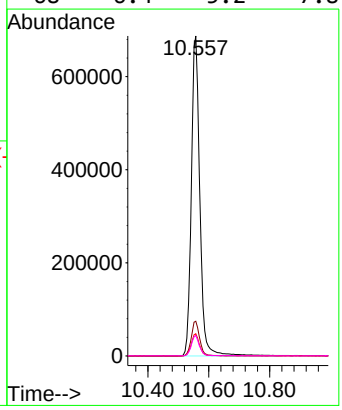


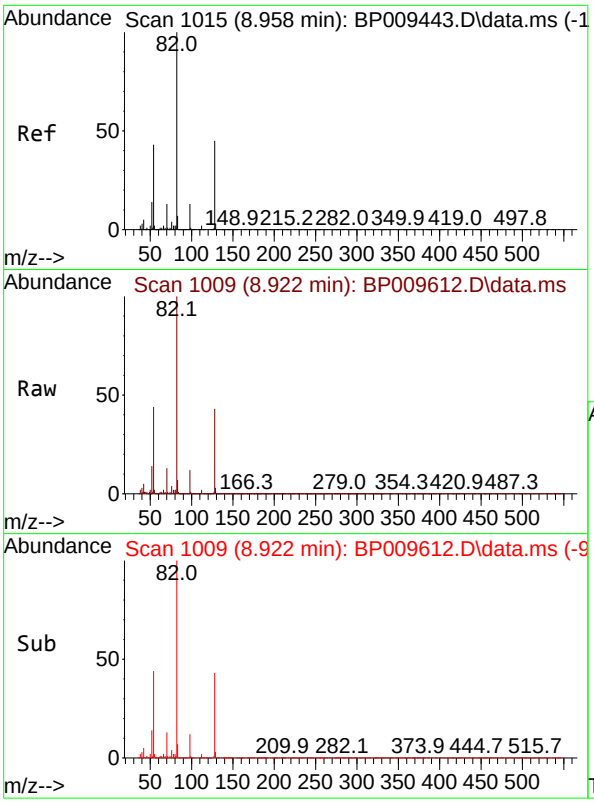


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:136 Resp: 1340886

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.9	5.8	8.8
68	6.4	5.2	7.8



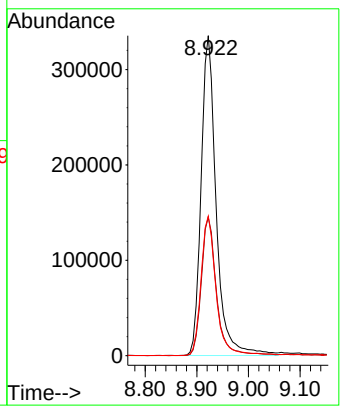


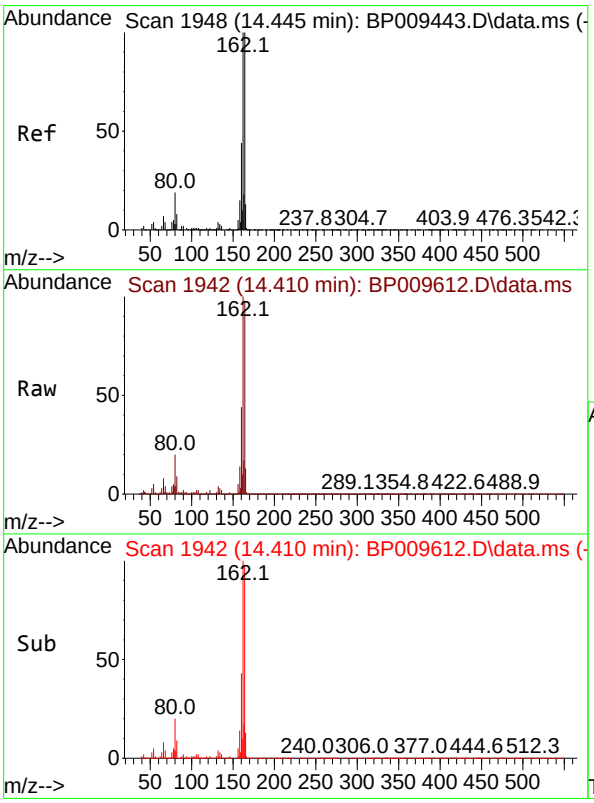
#23
Nitrobenzene-d5
Concen: 26.935 ng
RT: 8.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion: 82 Resp: 679653

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.2	51.4
54	43.6	34.7	52.1

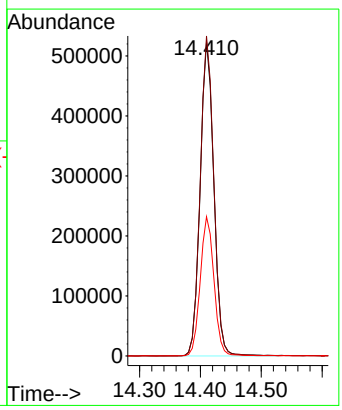


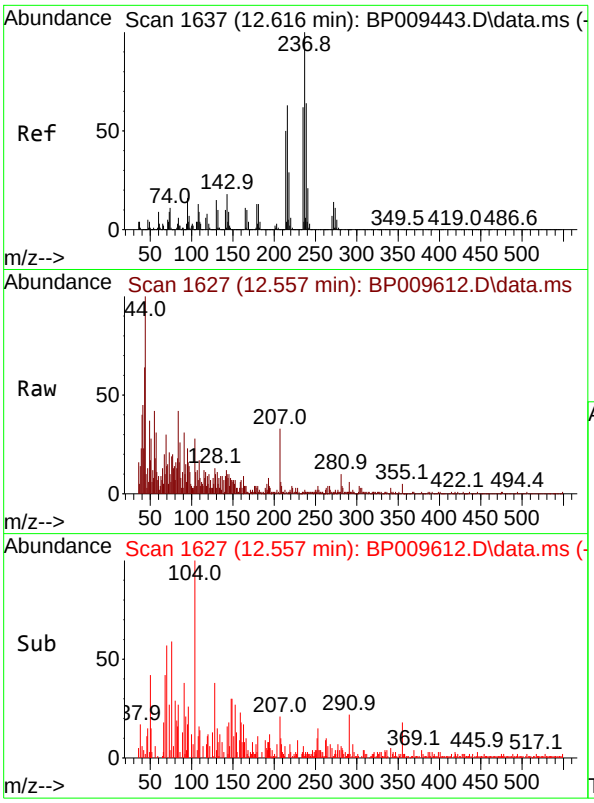


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:164 Resp: 817619

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.1	118.7
160	44.3	34.9	52.3



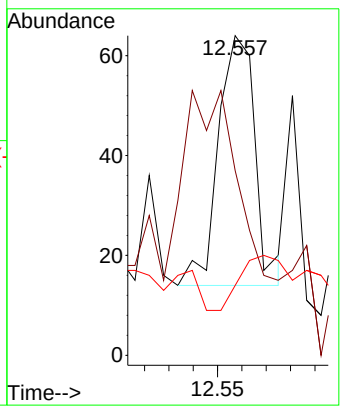


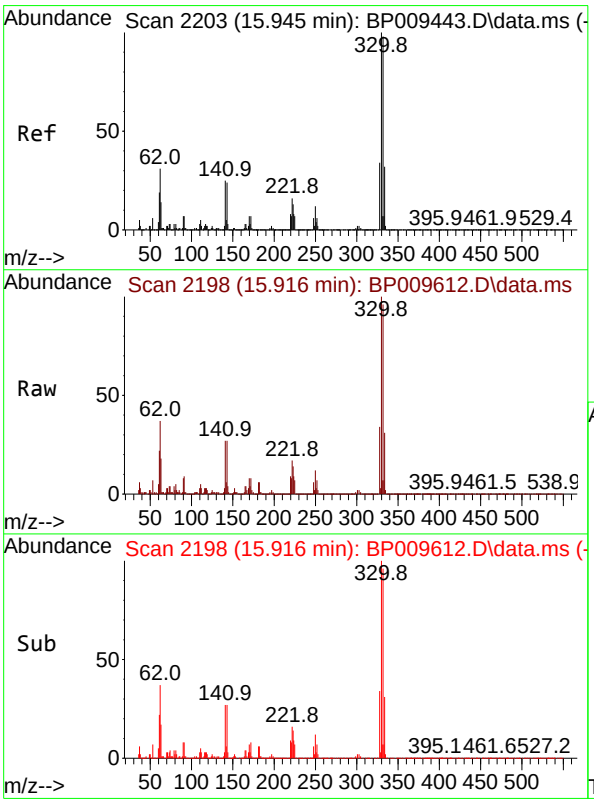
#41
Hexachlorocyclopentadiene
Concen: 7.292 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:237 Resp: 53

Ion	Ratio	Lower	Upper
237	100		
235	57.8	42.6	82.6
272	21.9	0.0	32.8

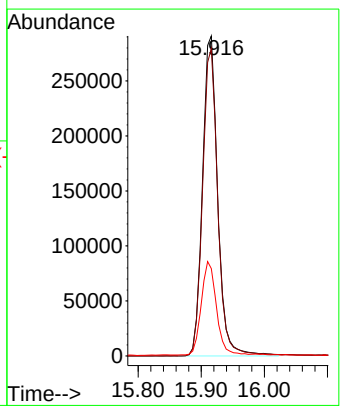


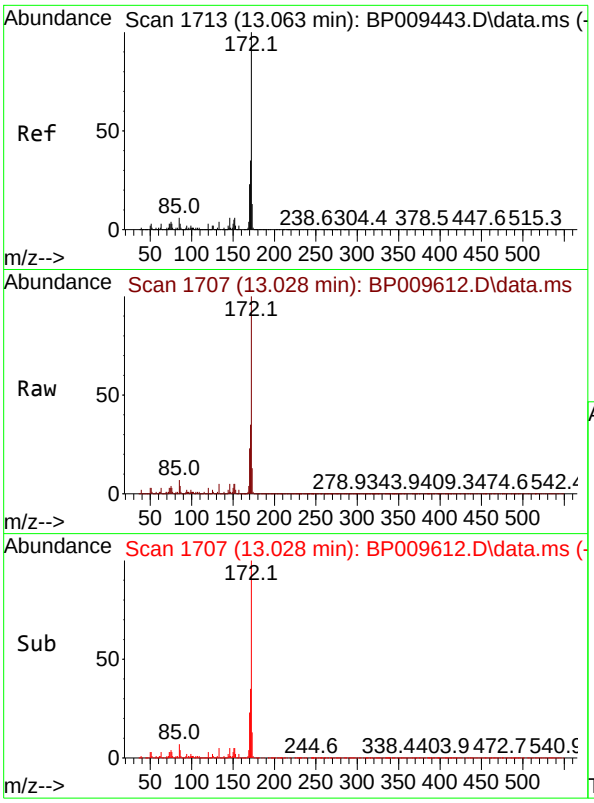


#42
2,4,6-Tribromophenol
Concen: 36.109 ng
RT: 15.916 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:330 Resp: 487188

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	28.9	27.6	41.4



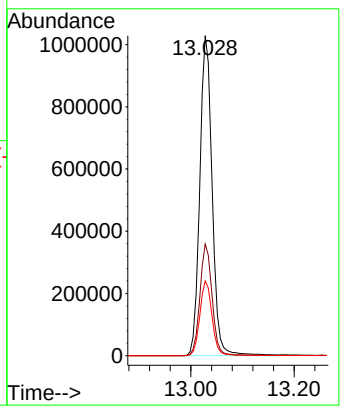


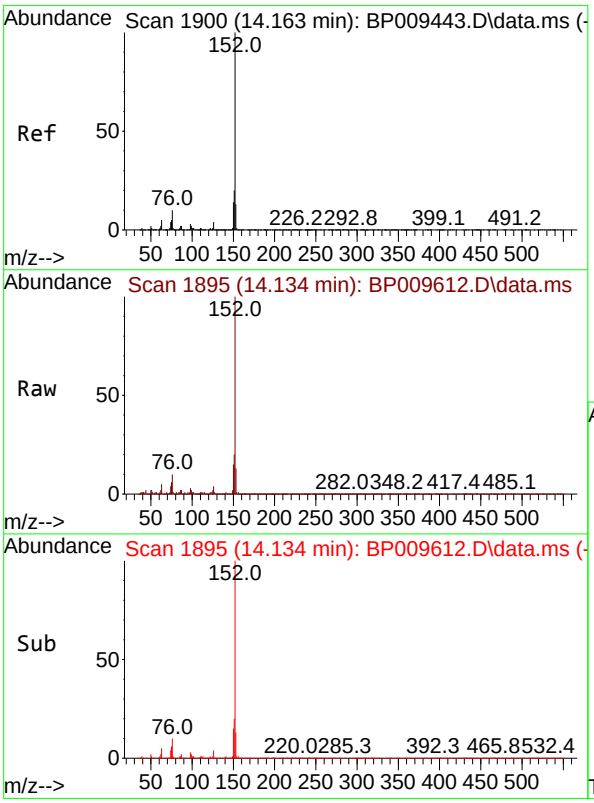
#45
2-Fluorobiphenyl
Concen: 28.940 ng
RT: 13.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:172 Resp: 1706866

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	23.4	18.6	27.8

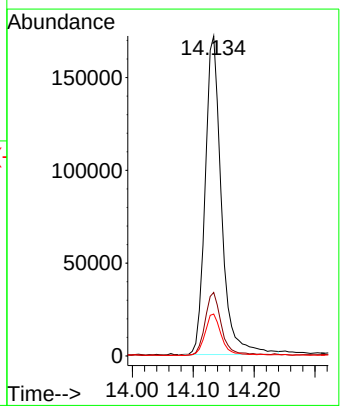


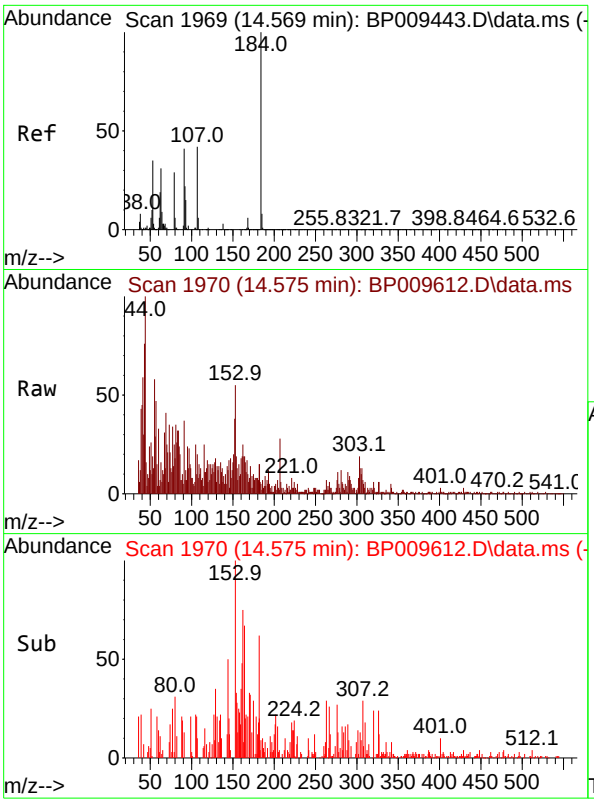


#49
Acenaphthylene
Concen: 4.297 ng
RT: 14.134 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:152 Resp: 318562

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.1	10.7	16.1



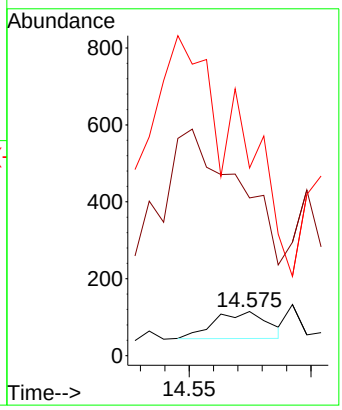


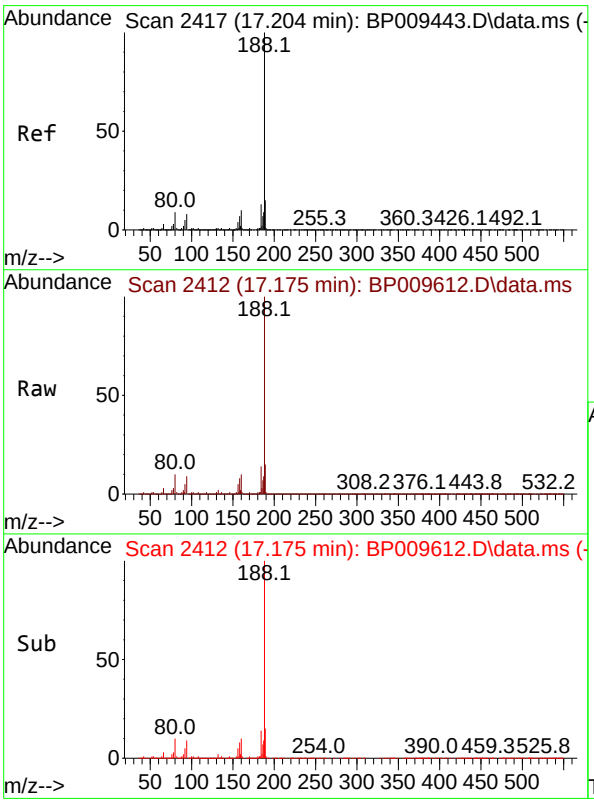
#54
2,4-Dinitrophenol
Concen: 4.545 ng
RT: 14.575 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
63	356.5	46.3	69.5#
154	424.3	45.8	68.6#

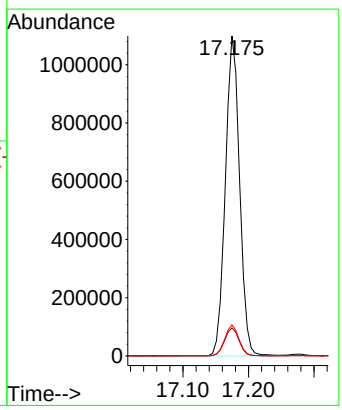


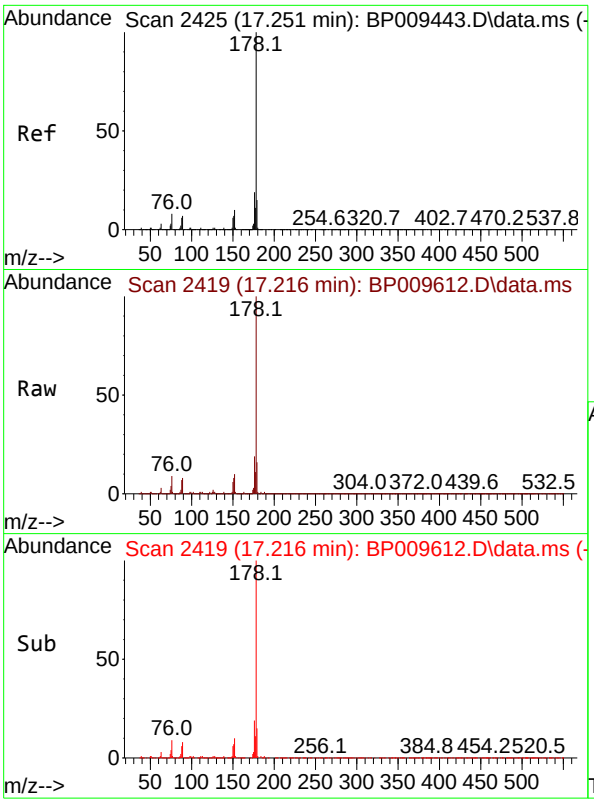


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:188 Resp: 1653134

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.8	8.8	13.2



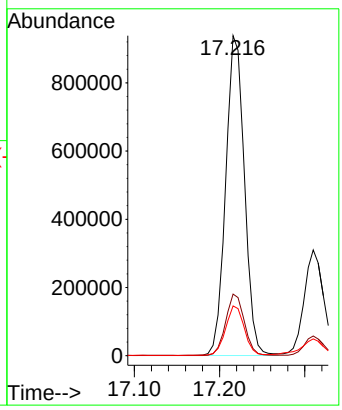


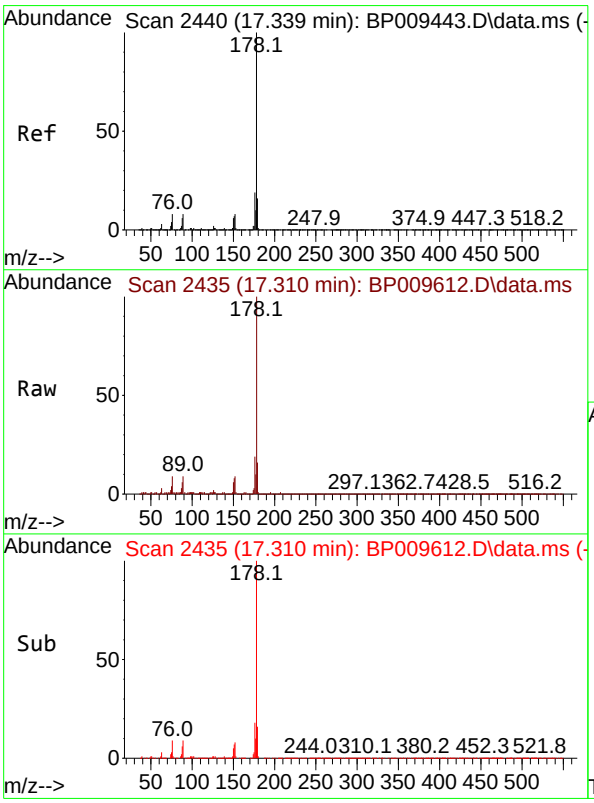
#71
Phenanthrene
Concen: 16.183 ng
RT: 17.216 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:178 Resp: 1432097

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.3	18.5

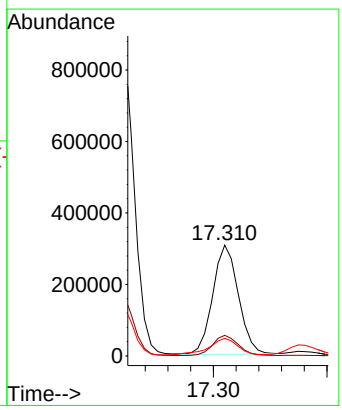


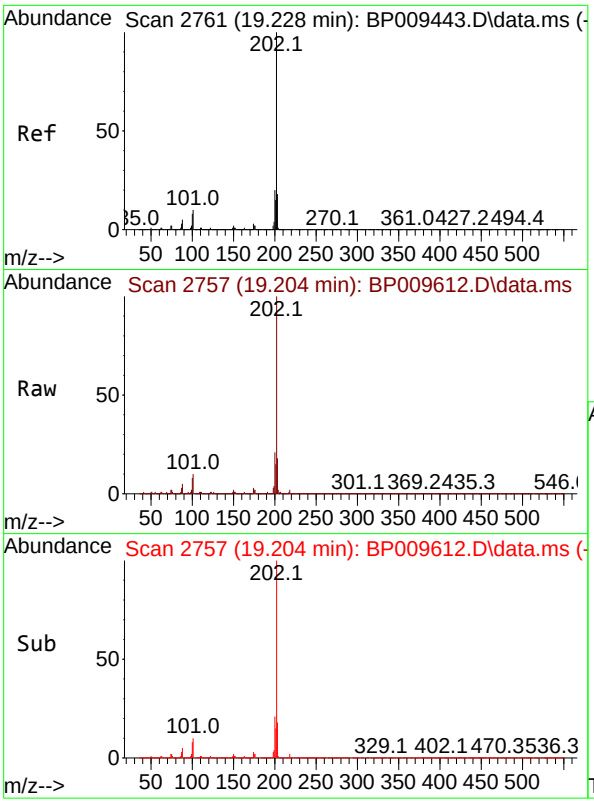


#72
Anthracene
Concen: 5.477 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:178 Resp: 478503

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.9	12.2	18.4



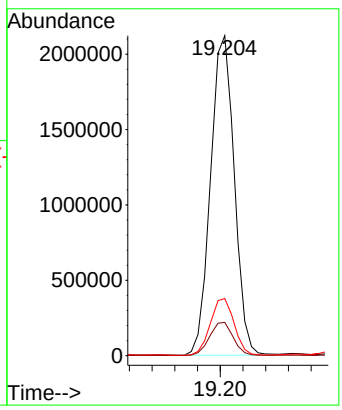


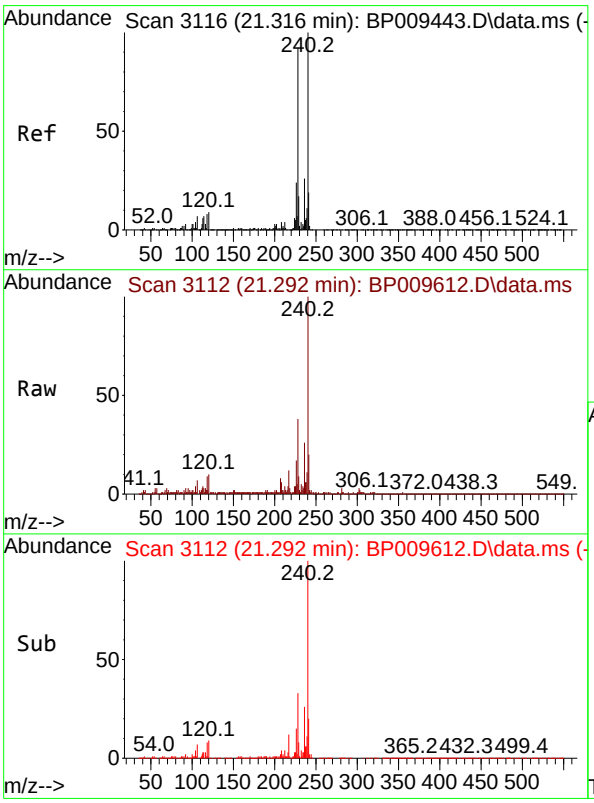
#75
Fluoranthene
Concen: 28.760 ng
RT: 19.204 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:202 Resp: 3081217

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.5
203	17.9	0.0	37.8

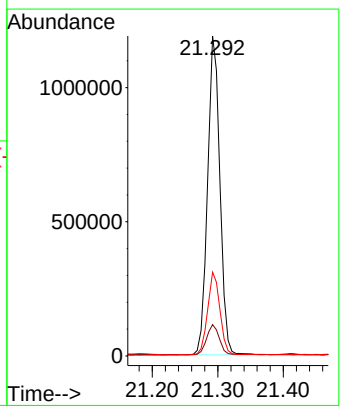


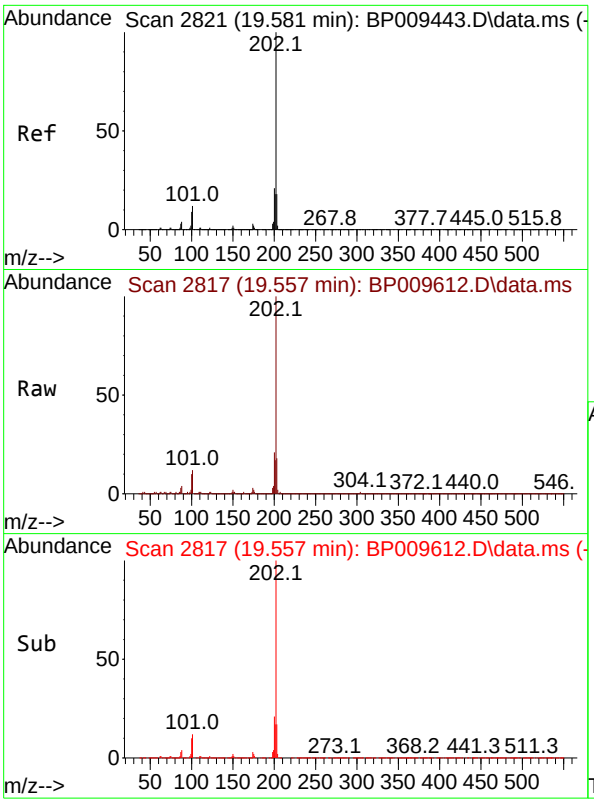


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:240 Resp: 1553530

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.0	13.4
236	26.2	20.6	30.8



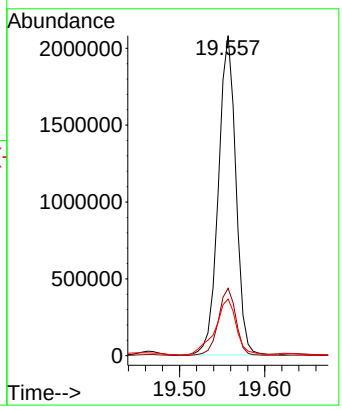


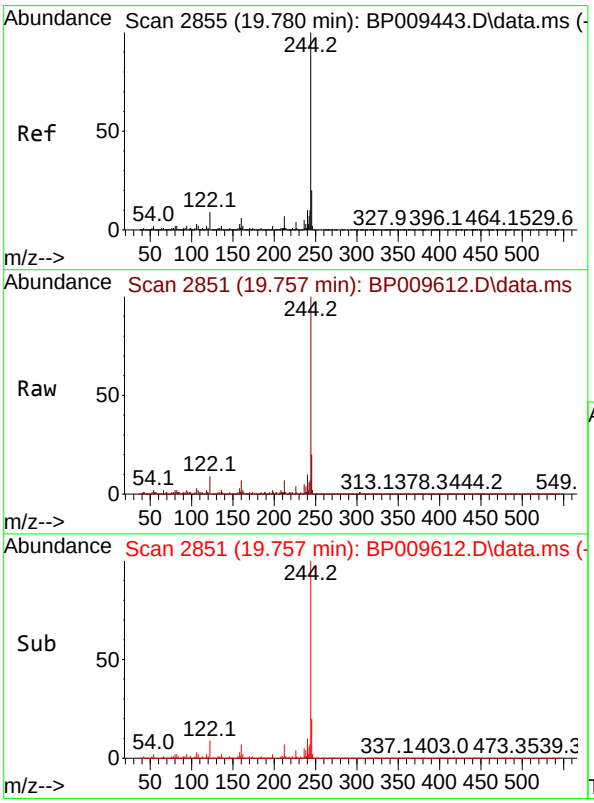
#78
Pyrene
Concen: 28.991 ng
RT: 19.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:202 Resp: 2967872

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.7	14.2	21.4

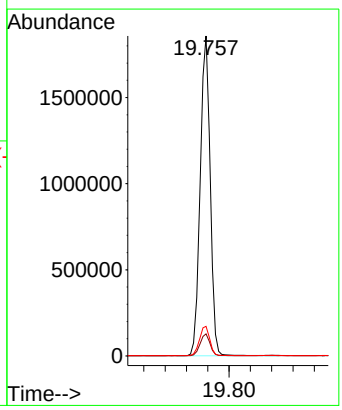


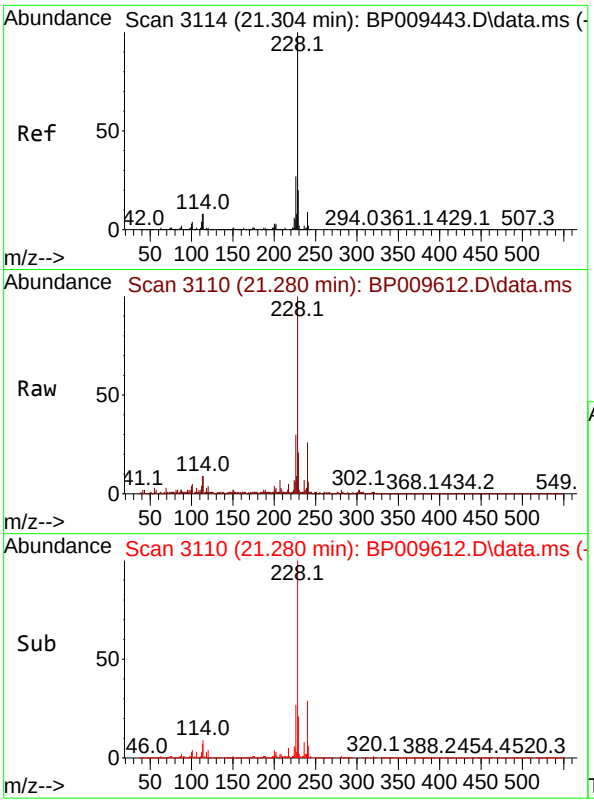


#79
Terphenyl-d14
Concen: 27.846 ng
RT: 19.757 min Scan# 2851
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:244 Resp: 2410119

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	9.2	8.3	12.5



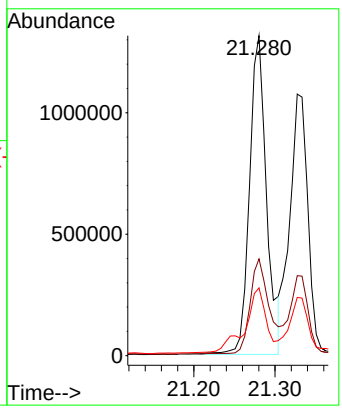


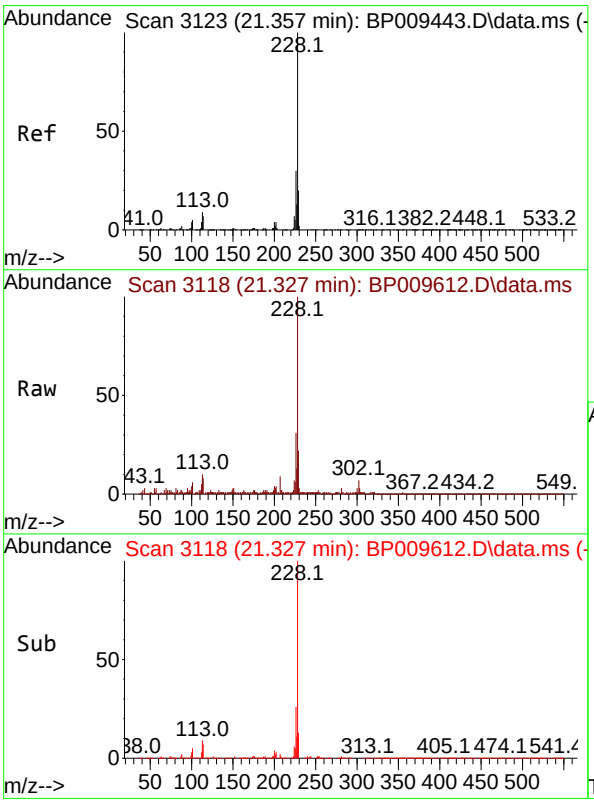
#81
Benzo(a)anthracene
Concen: 18.838 ng
RT: 21.280 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:228 Resp: 1922689

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.0	33.0
229	21.2	16.1	24.1

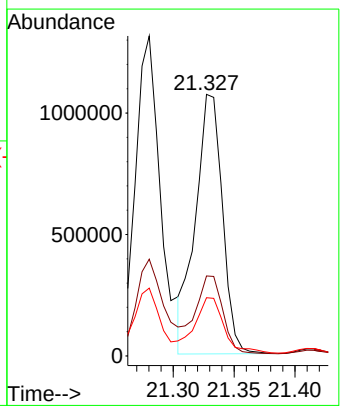


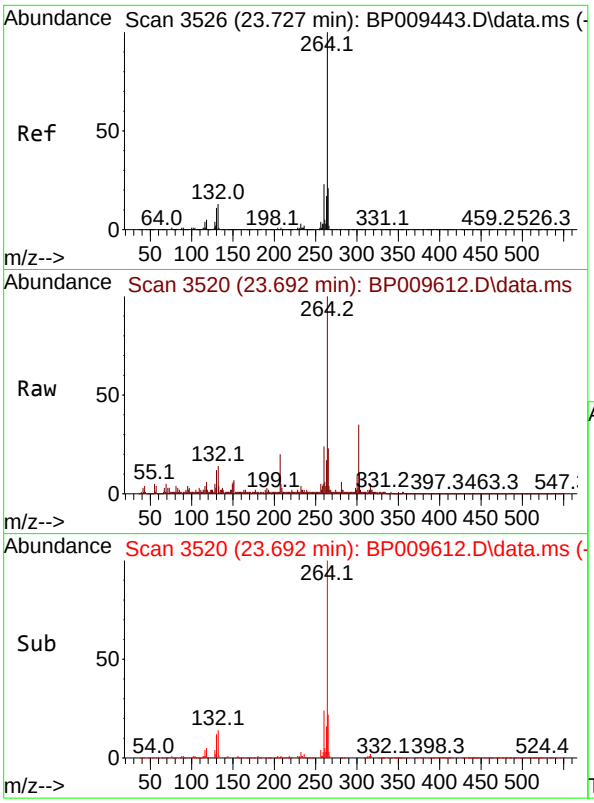


#83
Chrysene
Concen: 17.068 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:228 Resp: 1649574

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	22.2	16.1	24.1



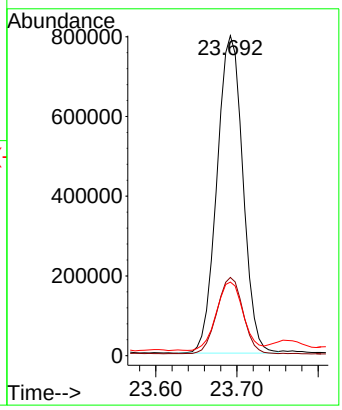


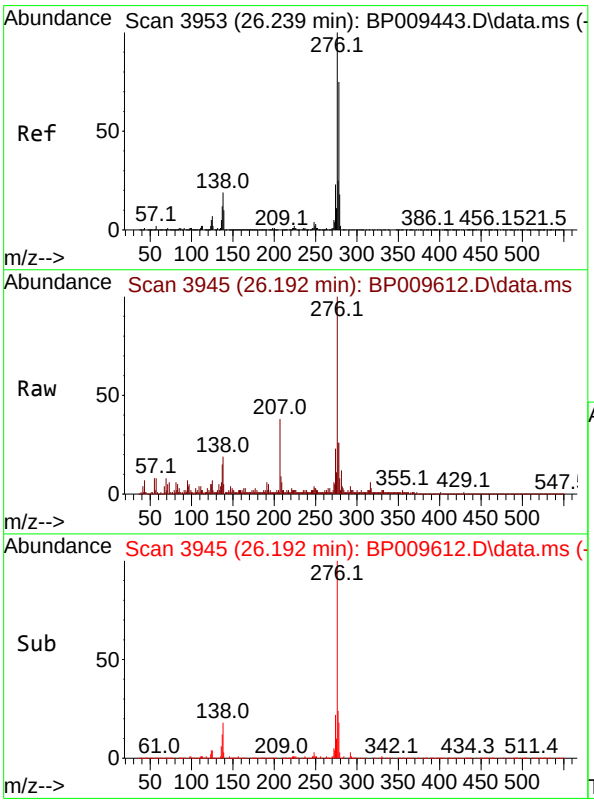
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:264 Resp: 1768054

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	23.0	17.2	25.8

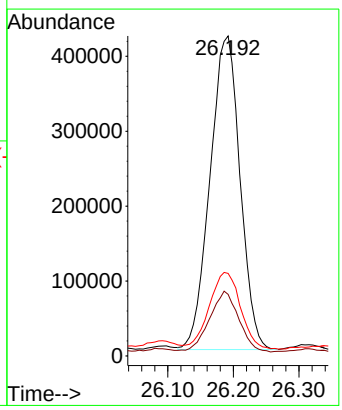


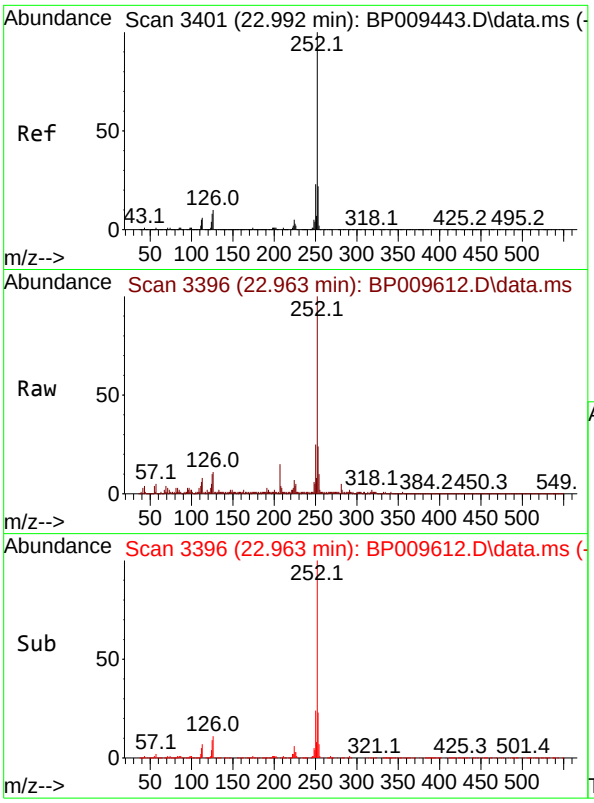


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.938 ng
RT: 26.192 min Scan# 3945
Delta R.T. 0.012 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:276 Resp: 1333114

Ion	Ratio	Lower	Upper
276	100		
138	18.9	20.5	30.7#
277	25.4	20.4	30.6



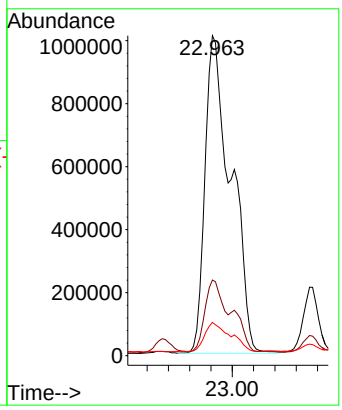


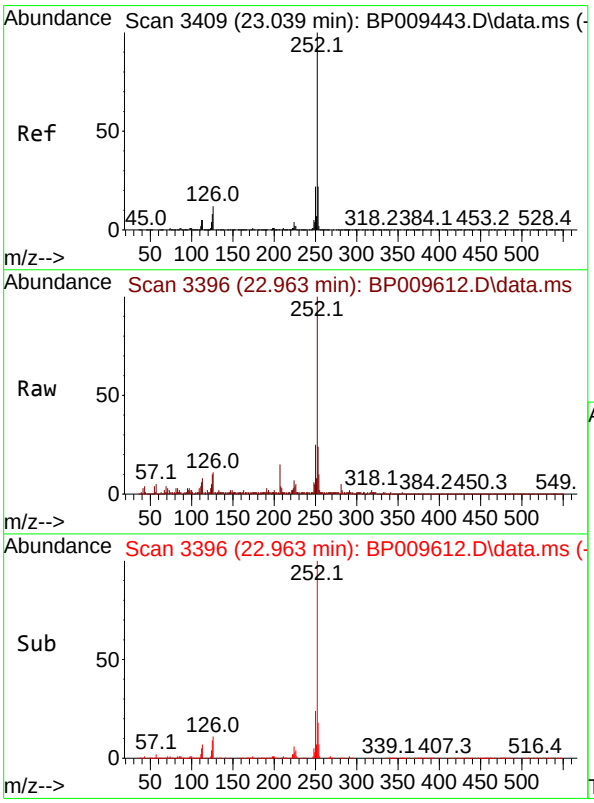
#88
Benzo(b)fluoranthene
Concen: 32.428 ng
RT: 22.963 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:252 Resp: 3422667

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	10.4	8.1	12.1

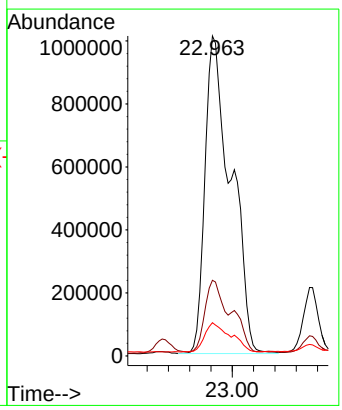


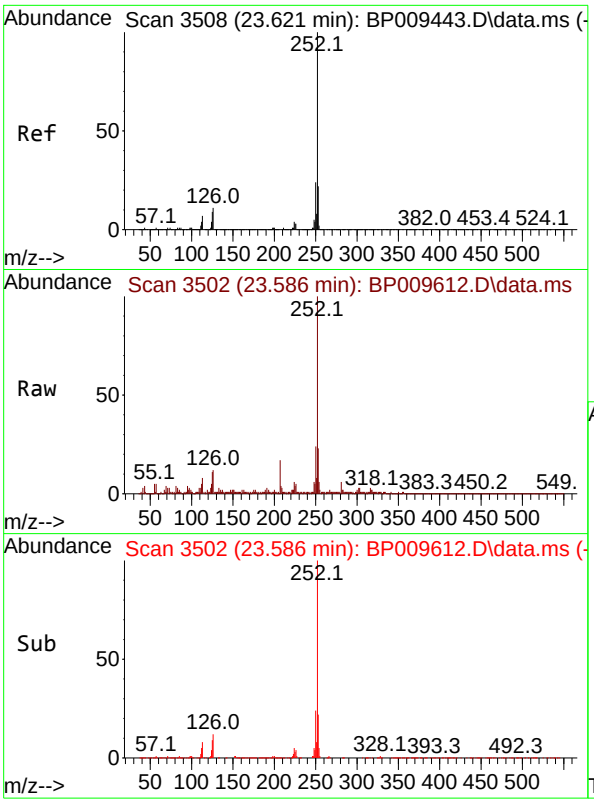


#89
Benzo(k)fluoranthene
Concen: 33.120 ng
RT: 22.963 min Scan# 3396
Delta R.T. -0.041 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:252 Resp: 3422667

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	10.4	8.3	12.5



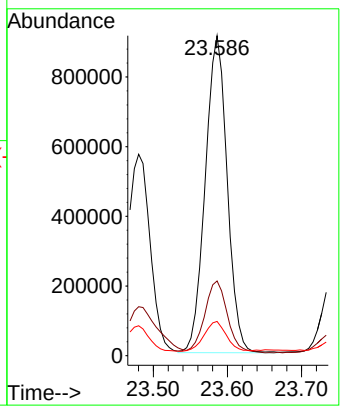


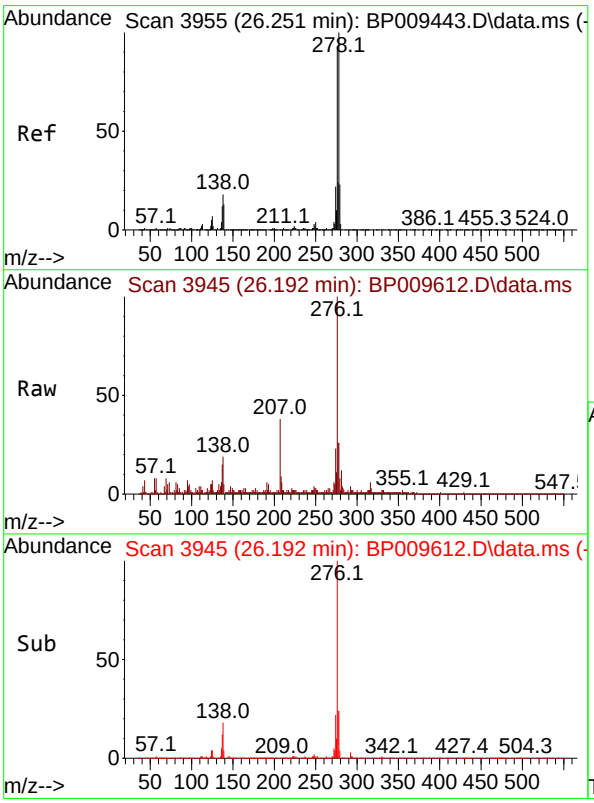
#90
Benzo(a)pyrene
Concen: 20.713 ng
RT: 23.586 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:252 Resp: 1870447

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	10.7	9.3	13.9

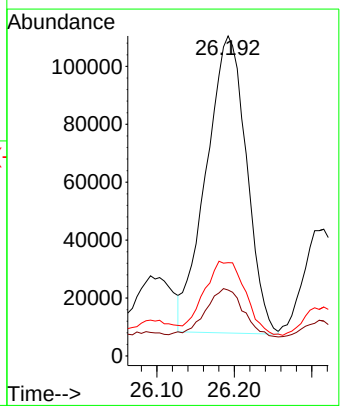


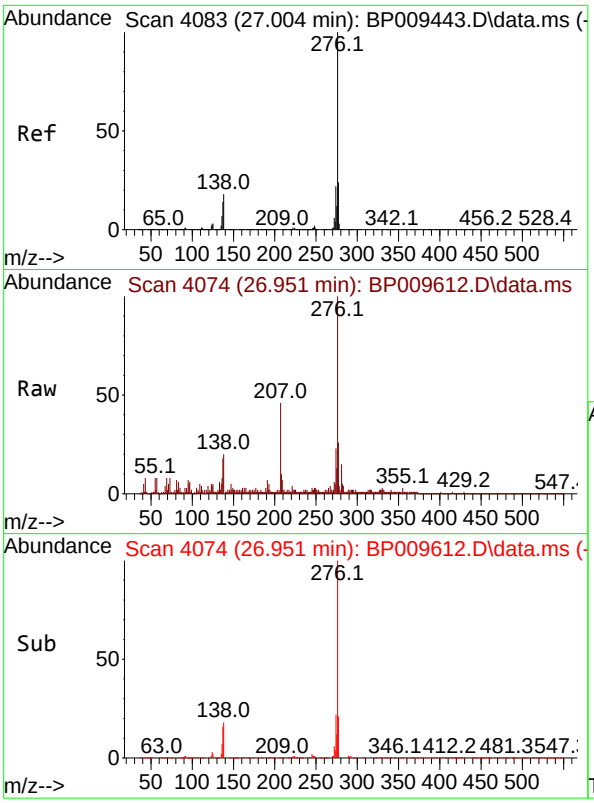


#91
Dibenzo(a,h)anthracene
Concen: 3.316 ng
RT: 26.192 min Scan# 3945
Delta R.T. -0.006 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Tgt Ion:278 Resp: 370729

Ion	Ratio	Lower	Upper
278	100		
139	20.6	13.2	19.8#
279	29.2	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 11.893 ng
RT: 26.951 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP009612.D
Acq: 30 Mar 2022 01:14

Instrument :
BNA_P
ClientSampleId :
SB-12-5.0-6.0

Tgt Ion:276 Resp: 1307924

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.2	28.8
138	19.8	18.0	27.0