Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007213.D
Acq On : 27 Sep 2021 19:32
Operator : CG/JU
Sample : M3946-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-05-092421

Quant Time: Sep 28 02:51:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	313185	20.000	ng		-0.01
21) Naphthalene-d8	10.687	136	1182189	20.000	ng		# 0.00
39) Acenaphthene-d10	14.516	164	704516	20.000	ng		-0.01
64) Phenanthrene-d10	17.269	188	1246029	20.000	ng		0.00
76) Chrysene-d12	21.357	240	1055836	20.000	ng		0.00
86) Perylene-d12	23.774	264	1219536	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	838522	44.818	ng		0.00
7) Phenol-d6	7.058	99	1026047	40.125	ng		0.00
23) Nitrobenzene-d5	9.046	82	606597	29.882	ng		-0.01
42) 2,4,6-Tribromophenol	16.010	330	405976	44.448	ng		0.00
45) 2-Fluorobiphenyl	13.140	172	1479885	30.093	ng		-0.01
79) Terphenyl-d14	19.827	244	1482519	26.907	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.240	152	155643	2.489	ng		97
56) 4-Nitrophenol	14.916	139	42791	4.710	ng	#	8
58) Fluorene	15.563	166	148146	3.034	ng		98
71) Phenanthrene	17.310	178	2473073	37.016	ng		99
72) Anthracene	17.404	178	349603	5.349	ng		99
73) Carbazole	17.675	167	192483	3.005	ng		97
75) Fluoranthene	19.280	202	3278595	42.593	ng		98
78) Pyrene	19.633	202	2563230	37.002	ng		98
81) Benzo(a)anthracene	21.339	228	1249492	18.232	ng		97
83) Chrysene	21.392	228	1239697	18.927	ng		97
84) Bis(2-ethylhexyl)phtha...	21.251	149	95350	2.391	ng	#	78
87) Indeno(1,2,3-cd)pyrene	26.304	276	826560	9.431	ng		97
88) Benzo(b)fluoranthene	23.039	252	2261394	31.028	ng	#	96
89) Benzo(k)fluoranthene	23.039	252	2261656	30.649	ng	#	96
90) Benzo(a)pyrene	23.663	252	1146158	18.511	ng	#	96
91) Dibenzo(a,h)anthracene	26.309	278	214097	2.915	ng	#	83
92) Benzo(g,h,i)perylene	27.080	276	750776	10.475	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007213.D
Acq On : 27 Sep 2021 19:32
Operator : CG/JU
Sample : M3946-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
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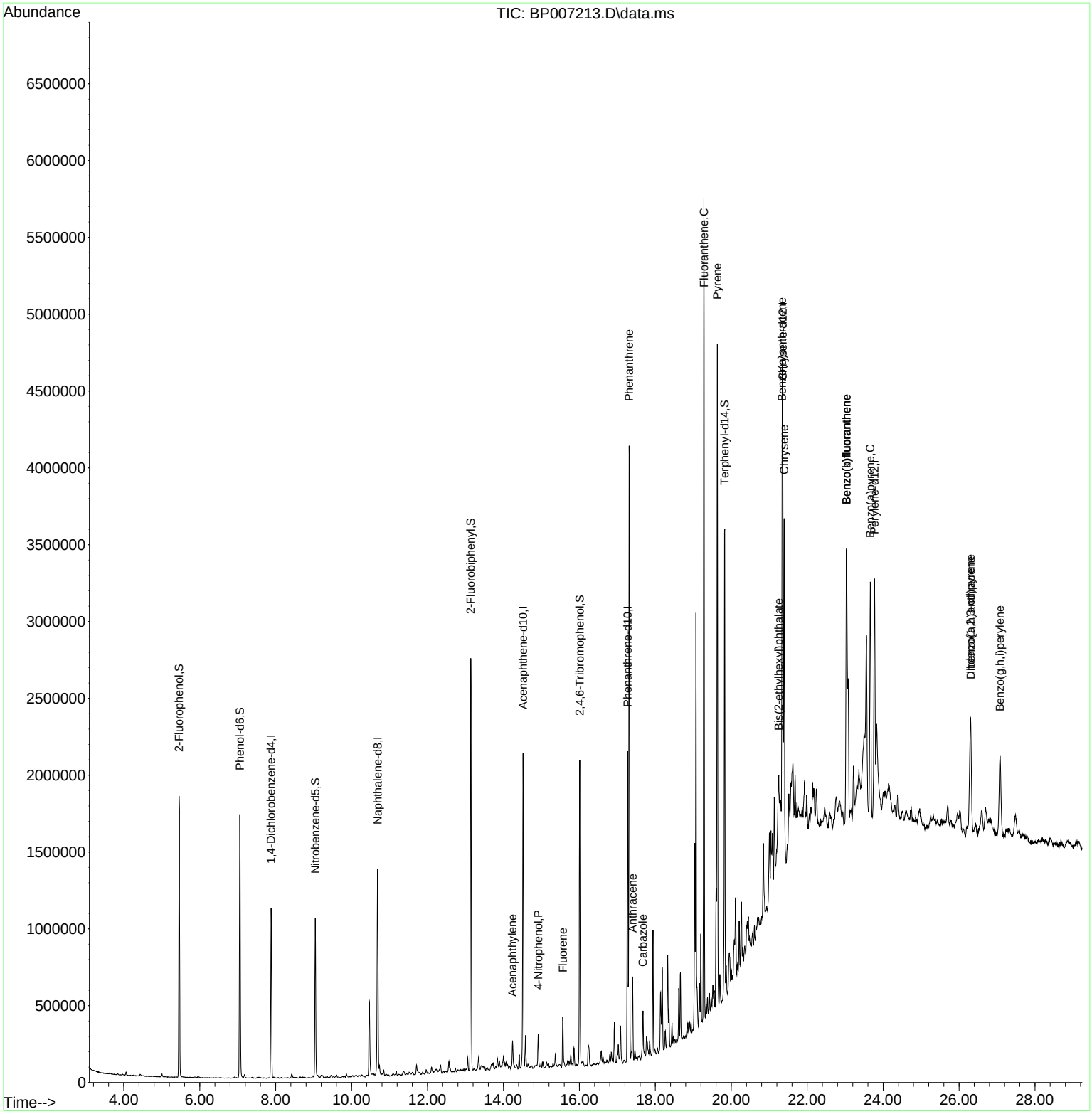
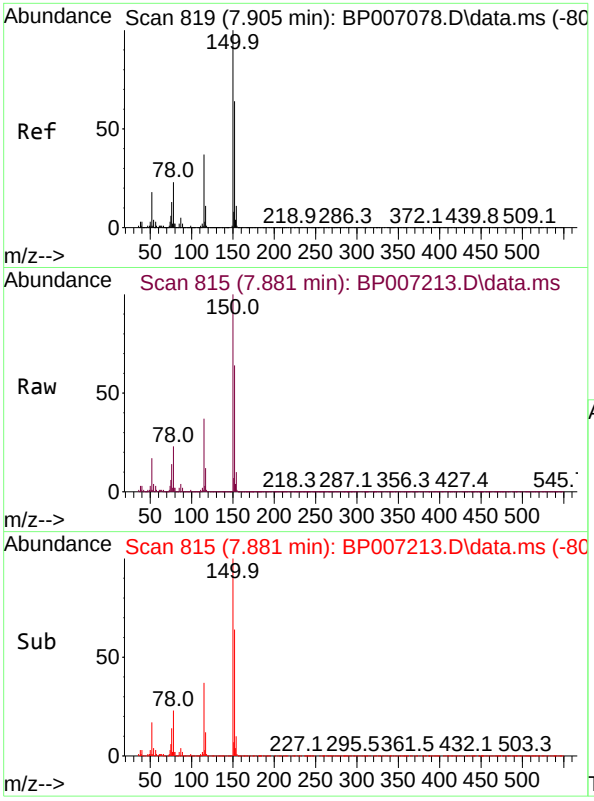


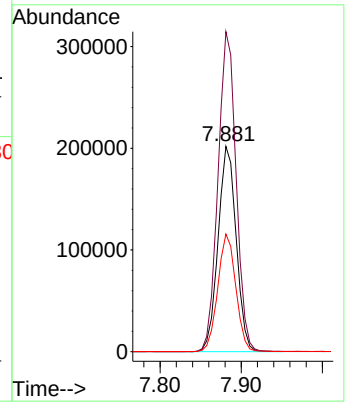
Instrument :
BNA_P
ClientSampleId :
PL-05-092421

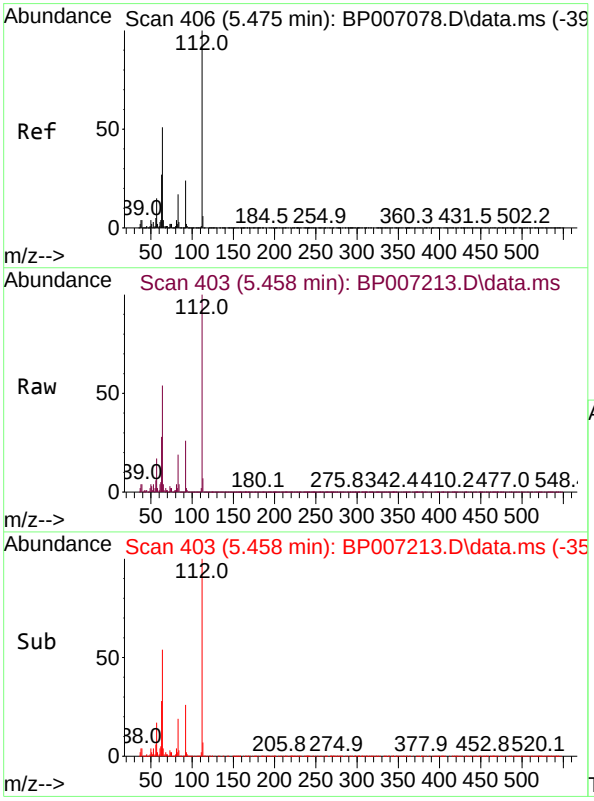


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:152 Resp: 313185

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.6	188.4
115	57.3	48.5	72.7

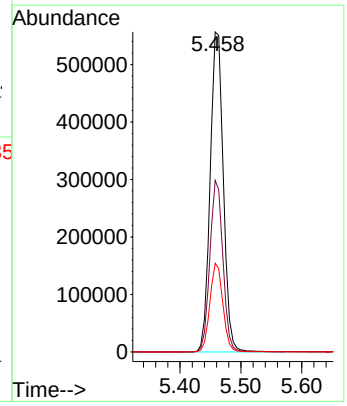




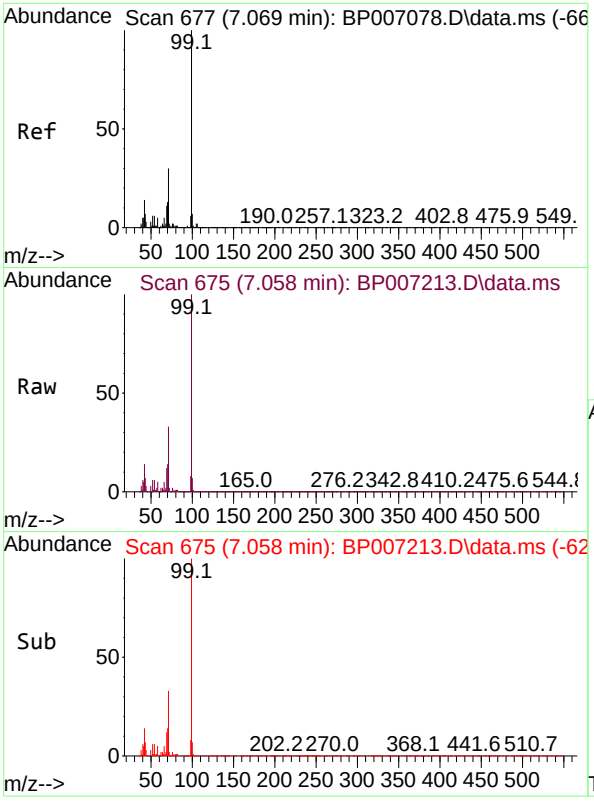
#5
2-Fluorophenol
Concen: 44.818 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:112 Resp: 838522

Ion	Ratio	Lower	Upper
112	100		
64	53.6	41.4	62.2
63	27.7	23.8	35.8



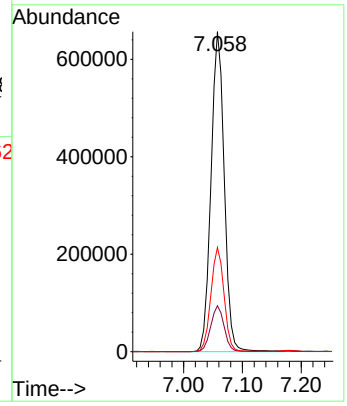
Instrument :
BNA_P
ClientSampleId :
PL-05-092421

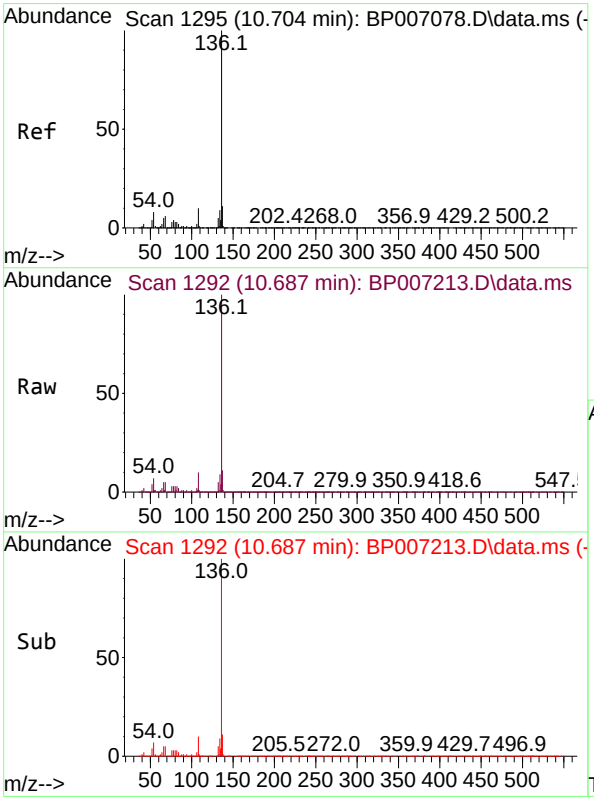


#7
Phenol-d6
Concen: 40.125 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion: 99 Resp: 1026047

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.4	20.0
71	32.5	30.6	46.0

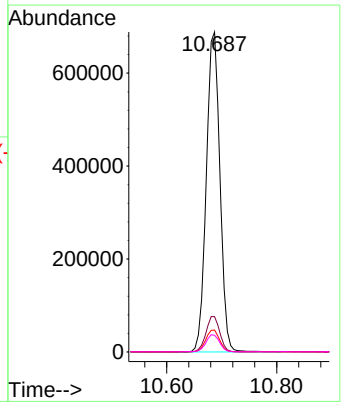




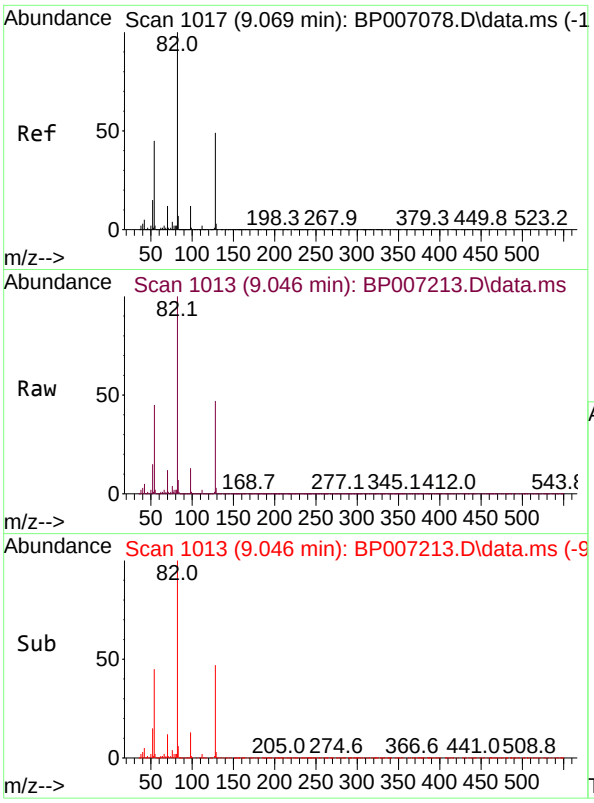
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:136 Resp: 1182189

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.8	4.6	6.8#
68	5.2	3.6	5.4



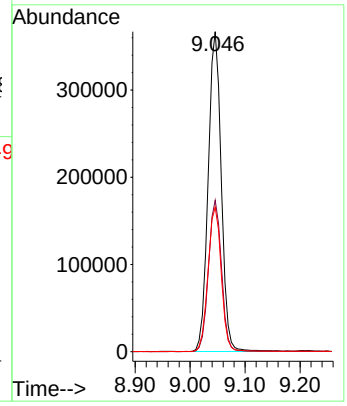
Instrument :
BNA_P
ClientSampleId :
PL-05-092421

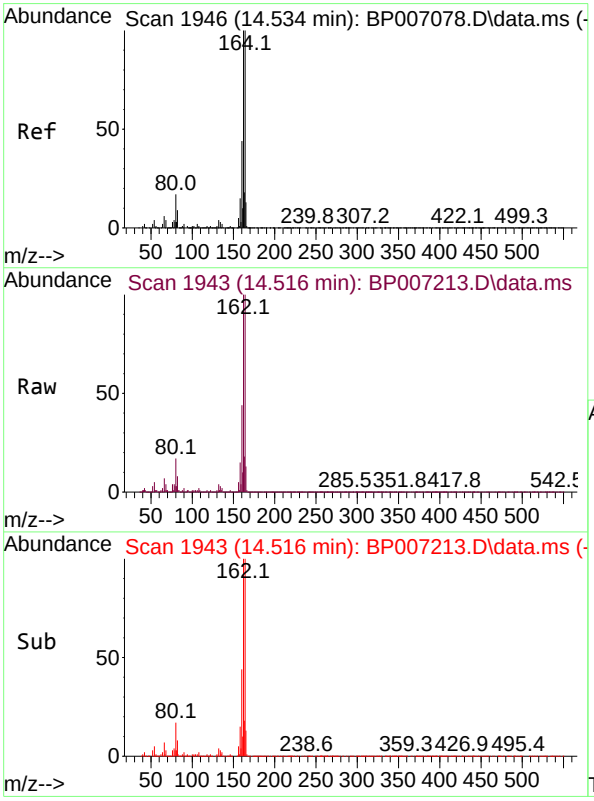


#23
Nitrobenzene-d5
Concen: 29.882 ng
RT: 9.046 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion: 82 Resp: 606597

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.7	53.5
54	45.1	35.0	52.4

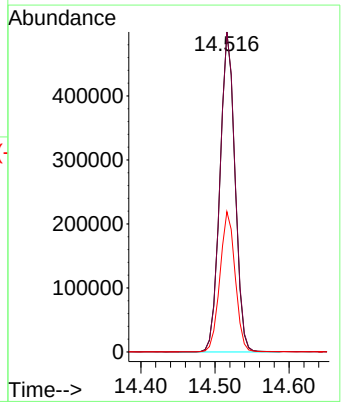




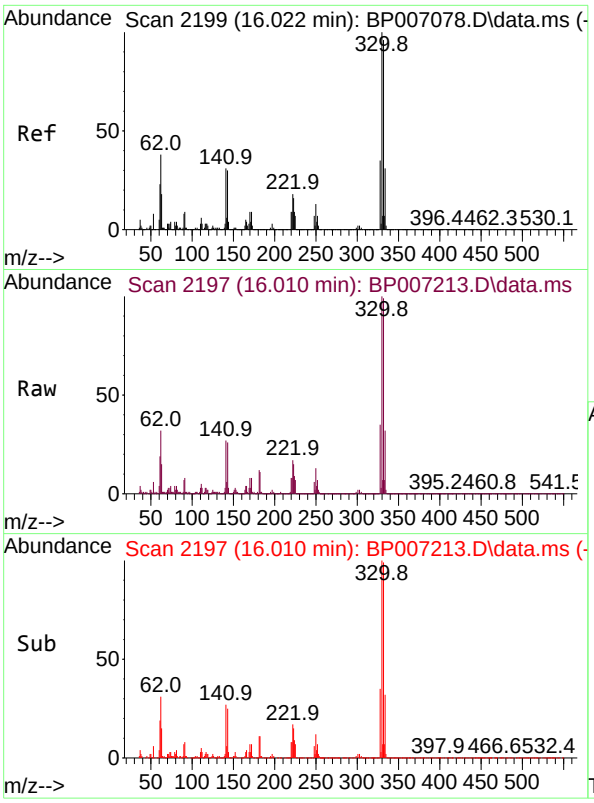
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:164 Resp: 704516

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	43.9	34.5	51.7



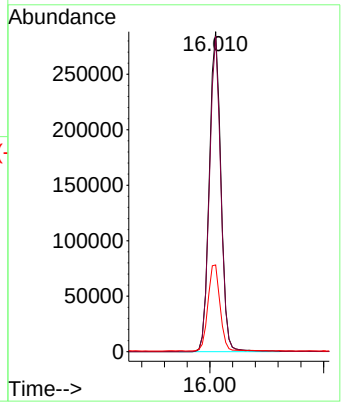
Instrument :
BNA_P
ClientSampleId :
PL-05-092421

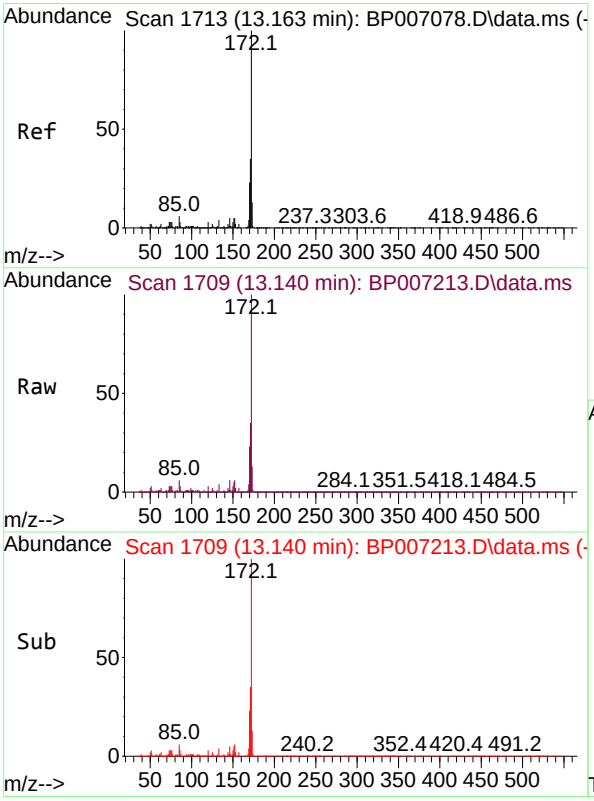


#42
2,4,6-Tribromophenol
Concen: 44.448 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:330 Resp: 405976

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.8
141	28.0	25.4	38.2

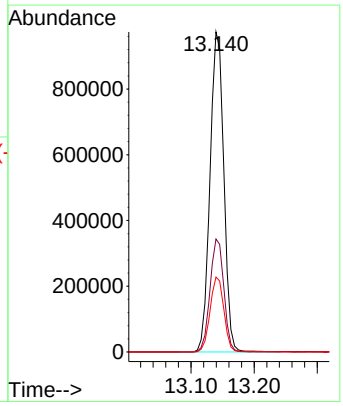




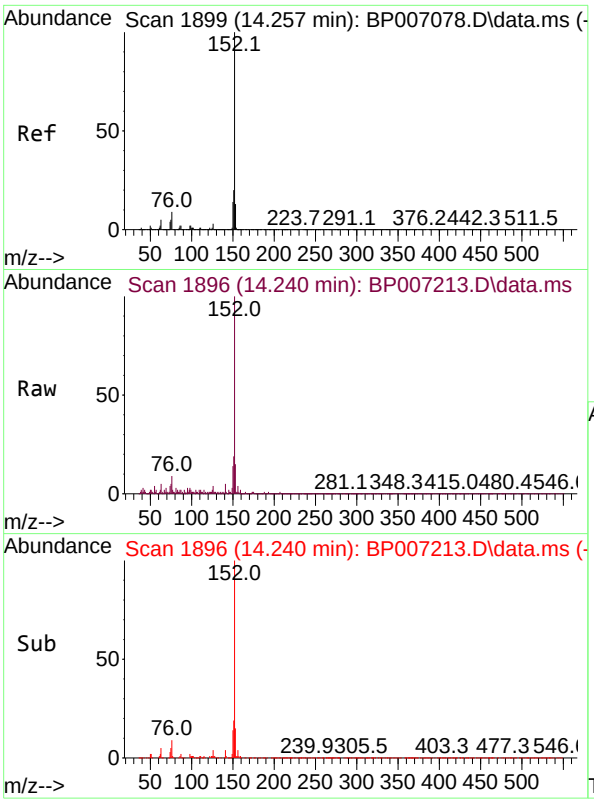
#45
2-Fluorobiphenyl
Concen: 30.093 ng
RT: 13.140 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:172 Resp: 1479885

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.4	18.6	27.8



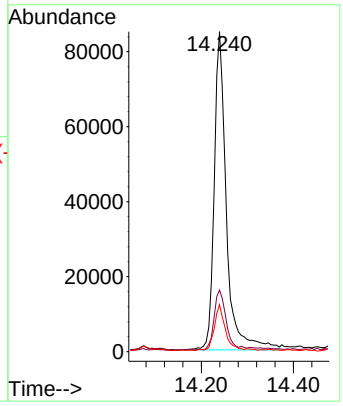
Instrument :
BNA_P
ClientSampleId :
PL-05-092421

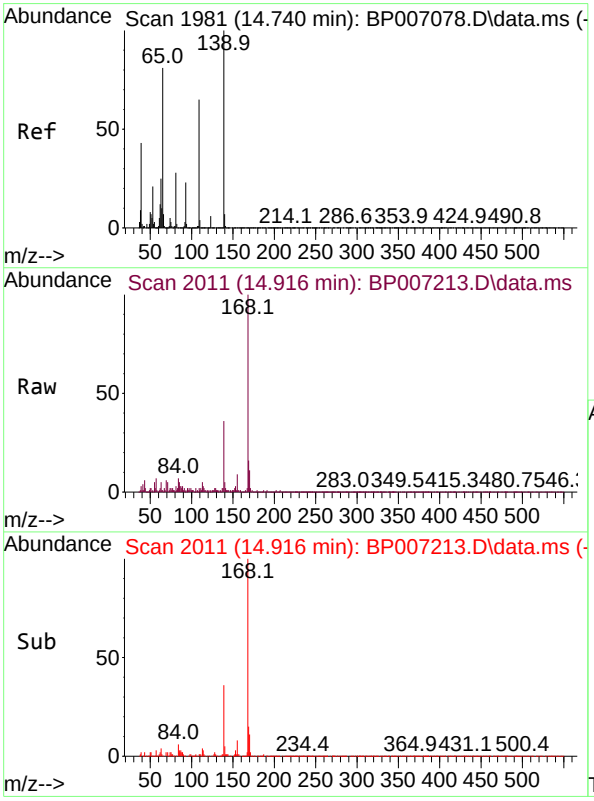


#49
Acenaphthylene
Concen: 2.489 ng
RT: 14.240 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:152 Resp: 155643

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2
153	14.7	10.6	16.0

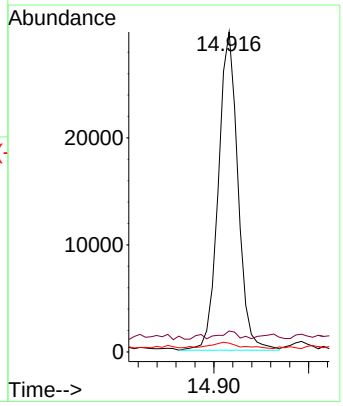




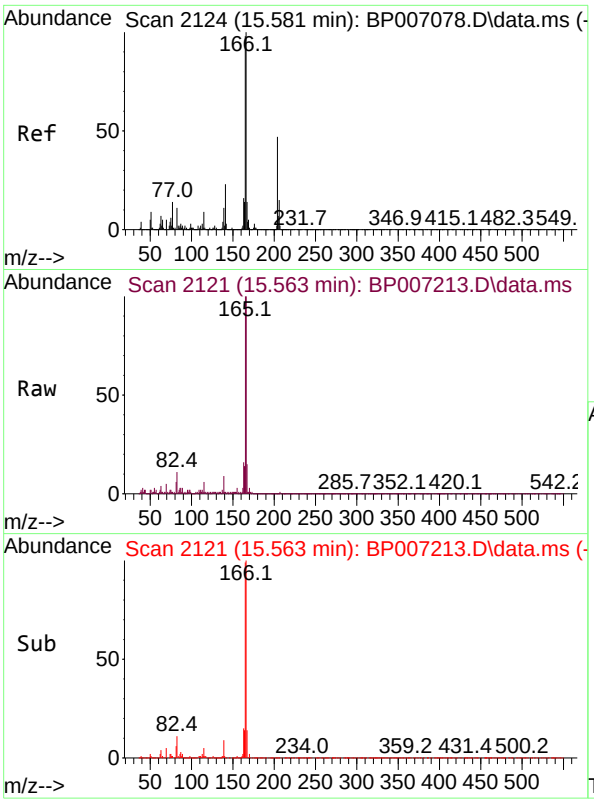
#56
4-Nitrophenol
Concen: 4.710 ng
RT: 14.916 min Scan# 2011
Delta R.T. 0.182 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:139 Resp: 42791

Ion	Ratio	Lower	Upper
139	100		
109	6.6	72.3	112.3#
65	2.8	72.5	112.5#



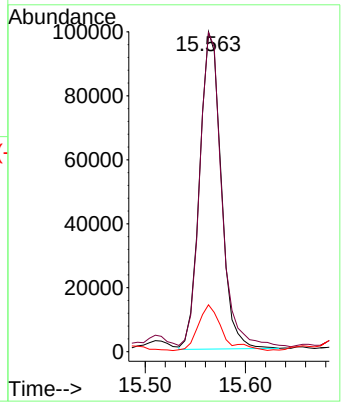
Instrument :
BNA_P
ClientSampleId :
PL-05-092421

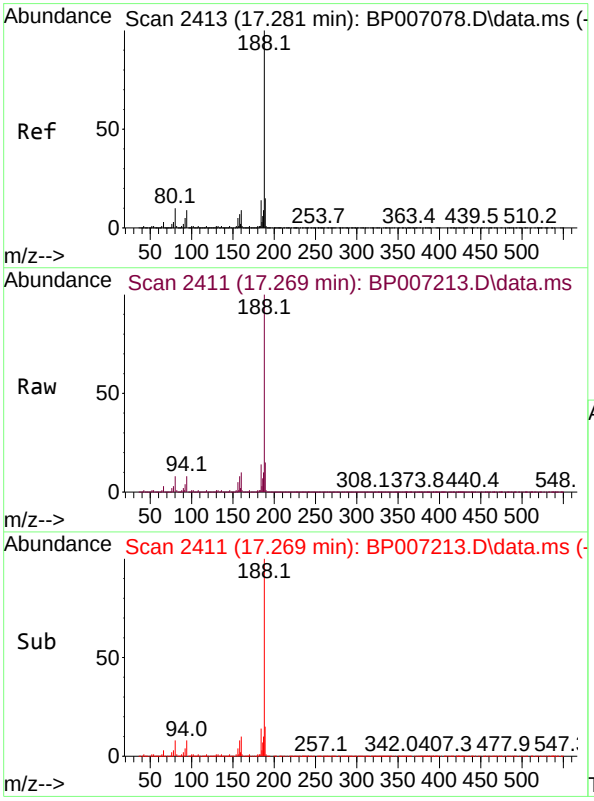


#58
Fluorene
Concen: 3.034 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:166 Resp: 148146

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.0	117.0
167	14.7	10.5	15.7

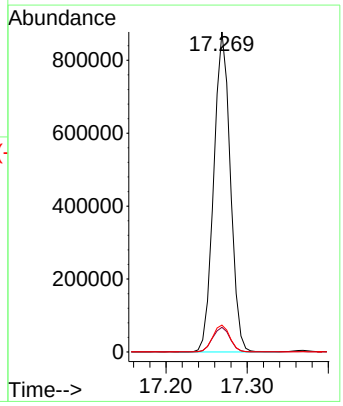




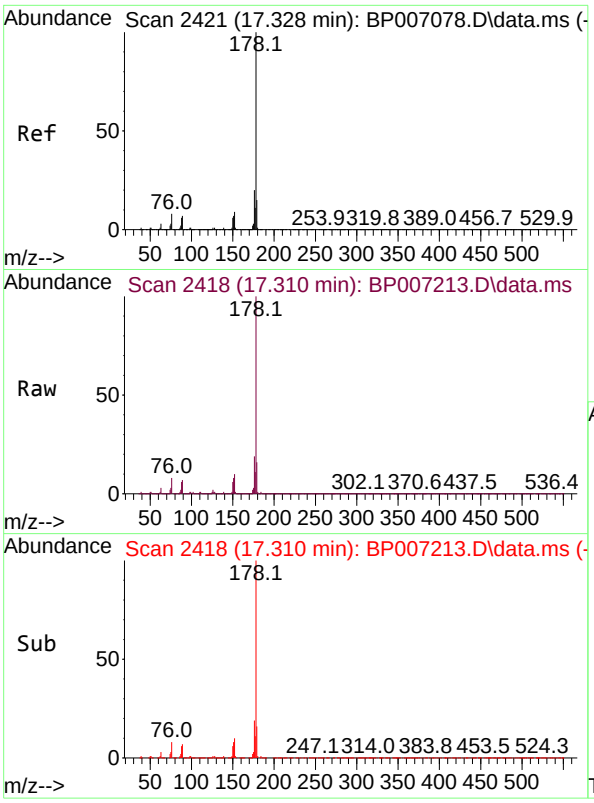
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:188 Resp: 1246029

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.6	8.4
80	8.4	6.3	9.5



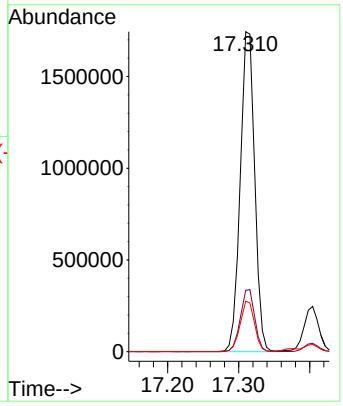
Instrument :
BNA_P
ClientSampleId :
PL-05-092421

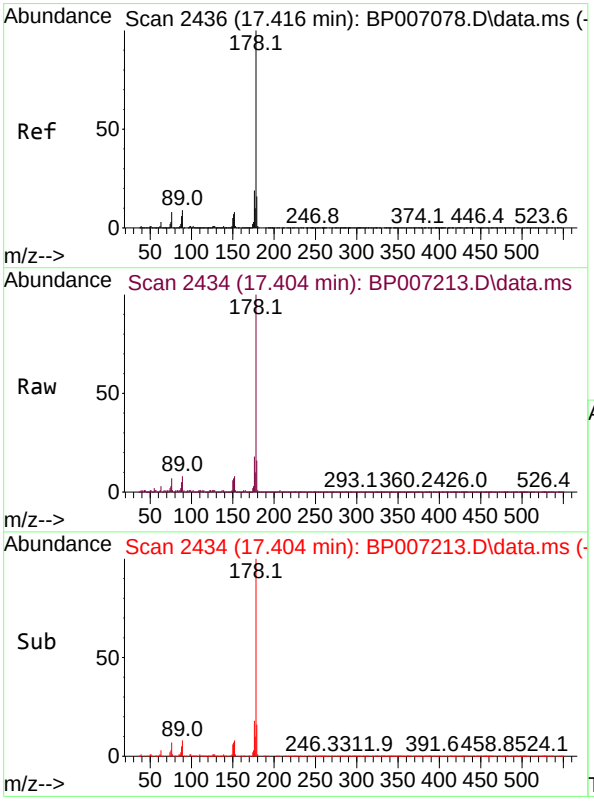


#71
Phenanthrene
Concen: 37.016 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:178 Resp: 2473073

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.8	12.4	18.6

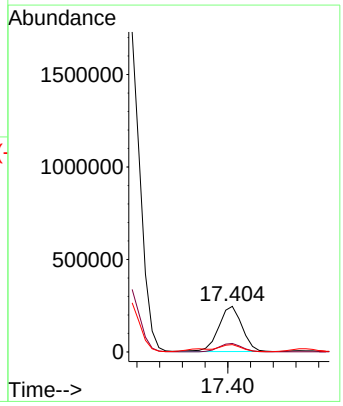




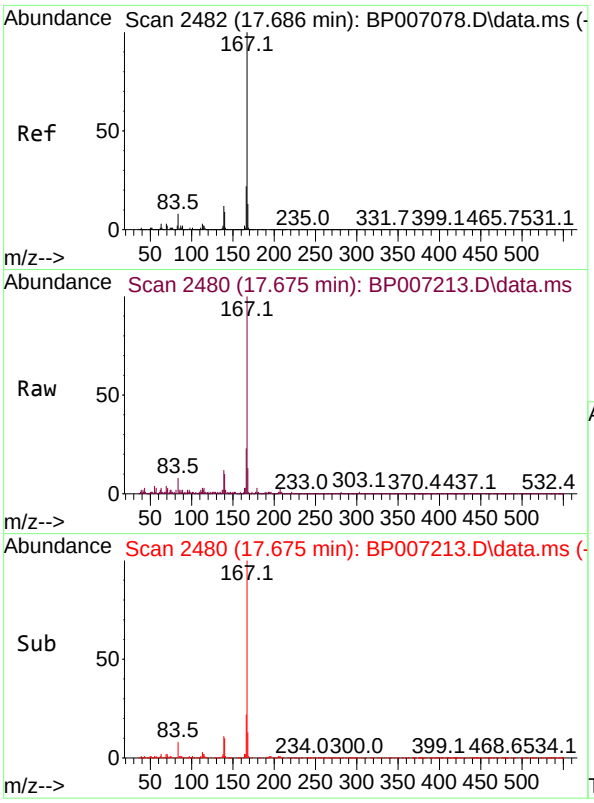
#72
Anthracene
Concen: 5.349 ng
RT: 17.404 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:178 Resp: 349603

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	16.1	12.2	18.2



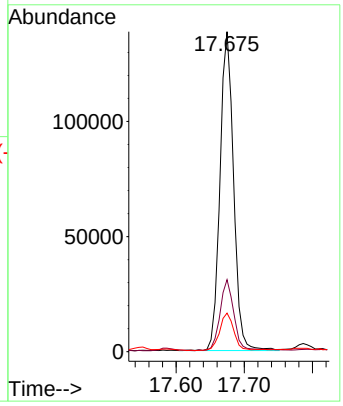
Instrument :
BNA_P
ClientSampleId :
PL-05-092421

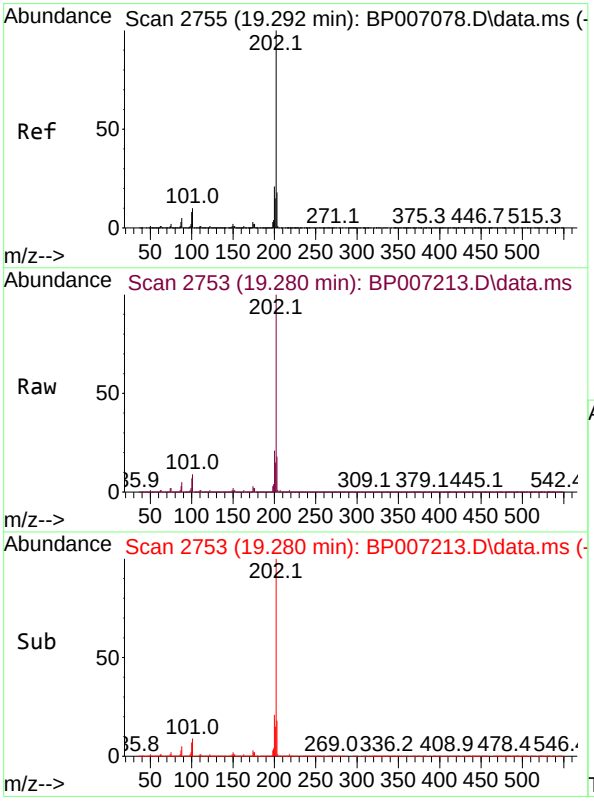


#73
Carbazole
Concen: 3.005 ng
RT: 17.675 min Scan# 2480
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:167 Resp: 192483

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.1	25.7
139	12.0	10.7	16.1

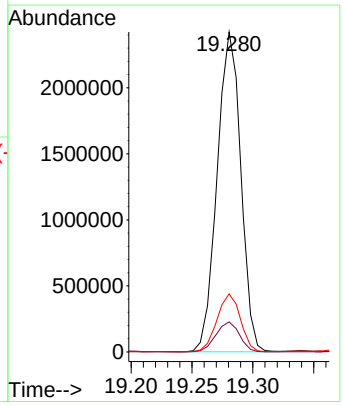




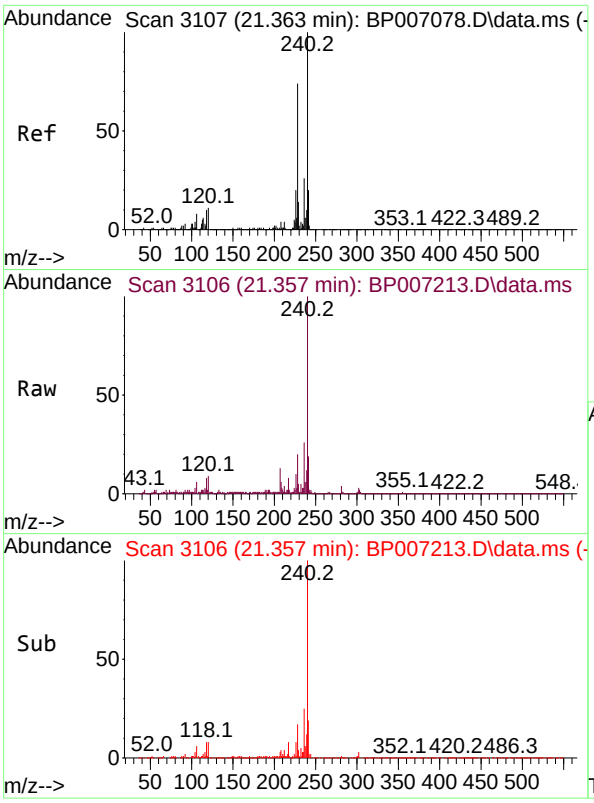
#75
Fluoranthene
Concen: 42.593 ng
RT: 19.280 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:202 Resp: 3278595

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	27.6
203	18.1	0.0	37.8



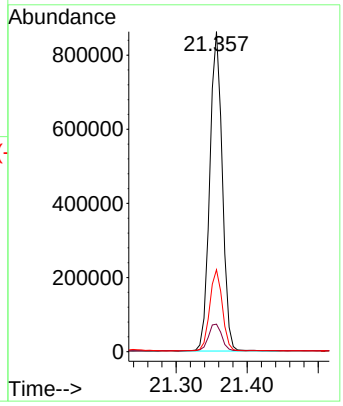
Instrument :
BNA_P
ClientSampleId :
PL-05-092421

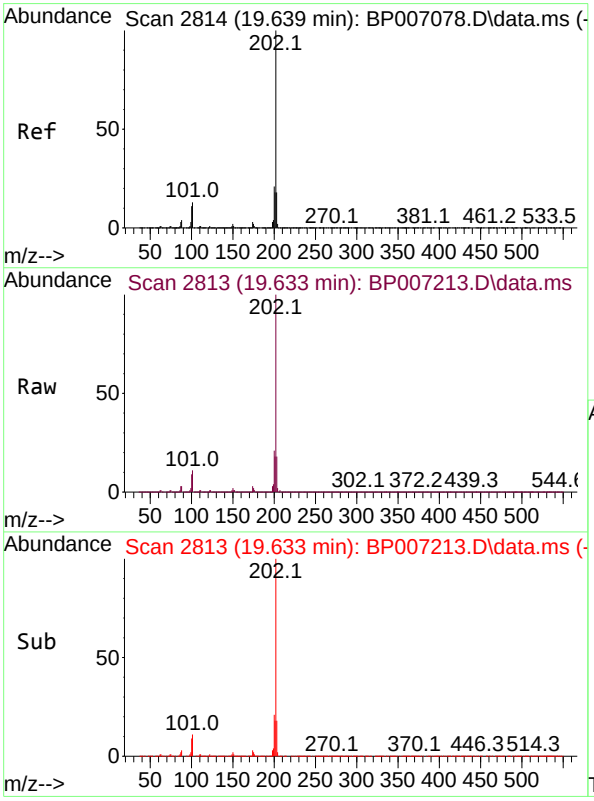


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:240 Resp: 1055836

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.5	9.7
236	25.6	20.6	31.0

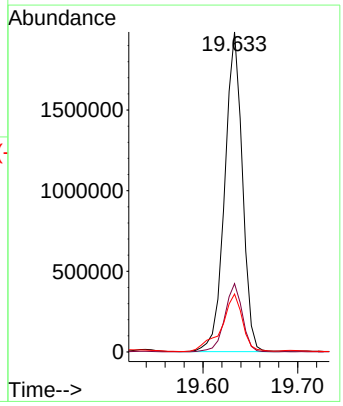


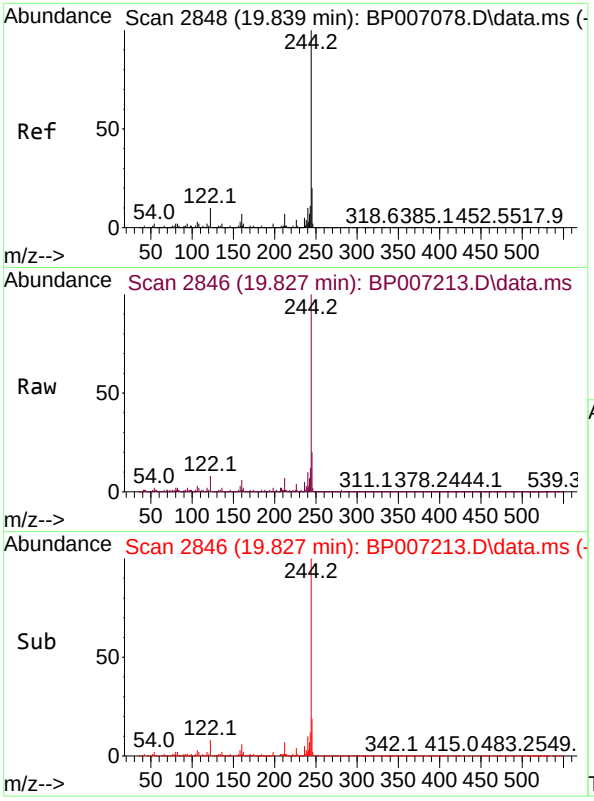


#78
Pyrene
Concen: 37.002 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:202 Resp: 2563230

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.3	24.5
203	18.1	14.2	21.2

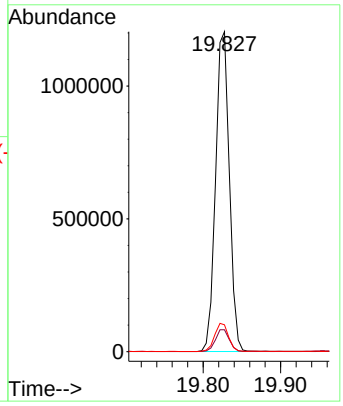




#79
Terphenyl-d14
Concen: 26.907 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:244 Resp: 1482519

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	8.4	7.1	10.7



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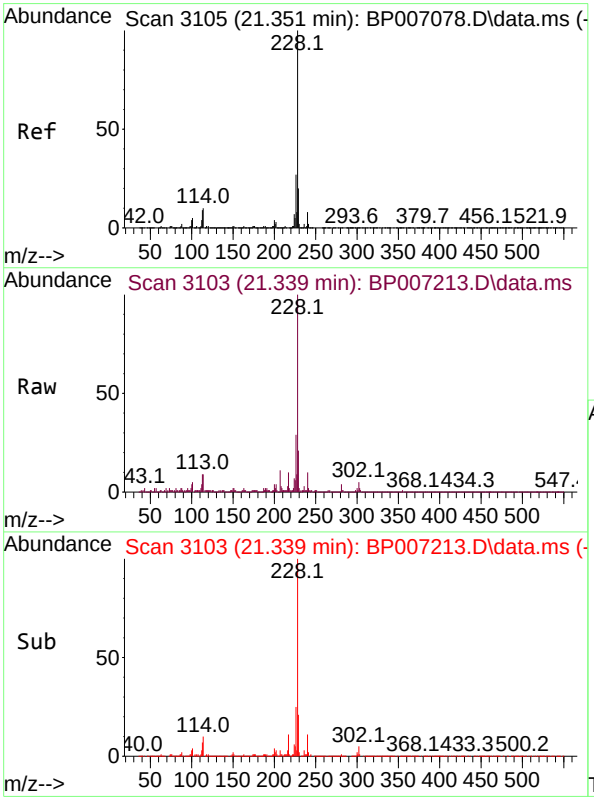
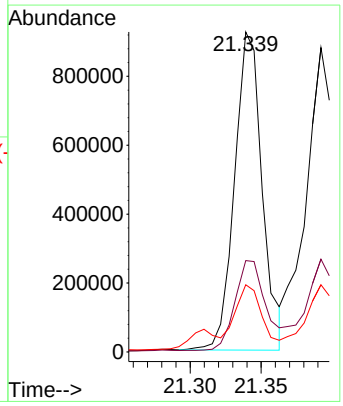


#81
Benzo(a)anthracene
Concen: 18.232 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:228 Resp: 1249492

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.6	32.4
229	21.0	15.8	23.6



Instrument :
BNA_P
ClientSampleId :
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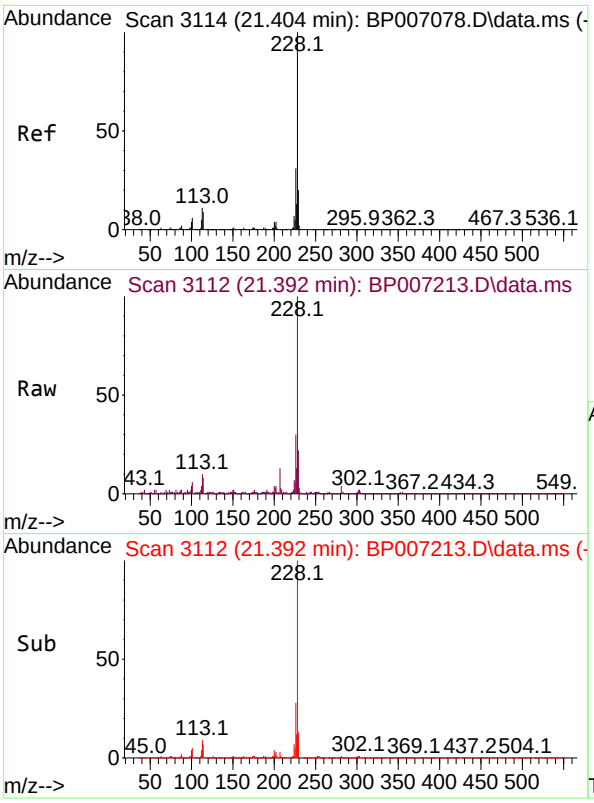
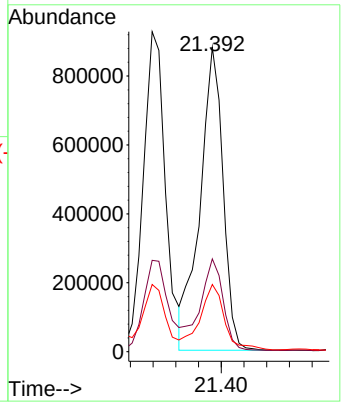
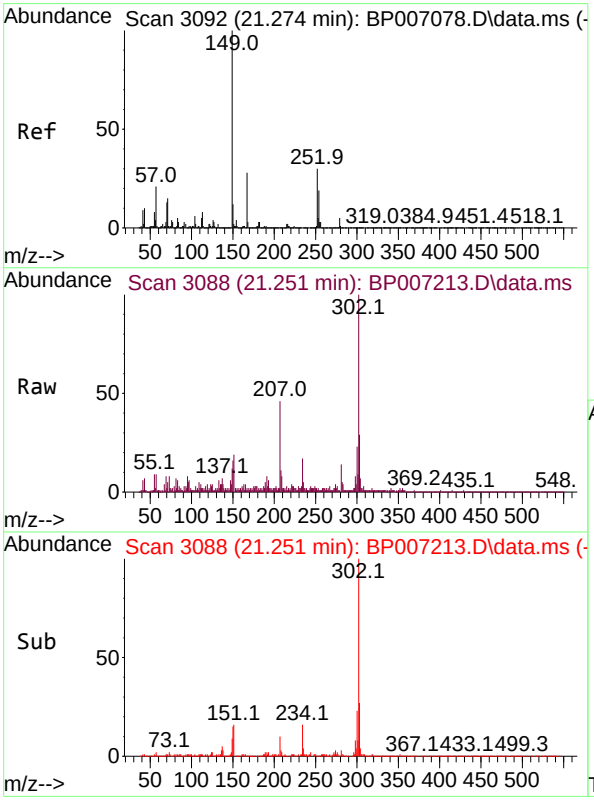


#83
Chrysene
Concen: 18.927 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:228 Resp: 1239697

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	22.1	15.4	23.2

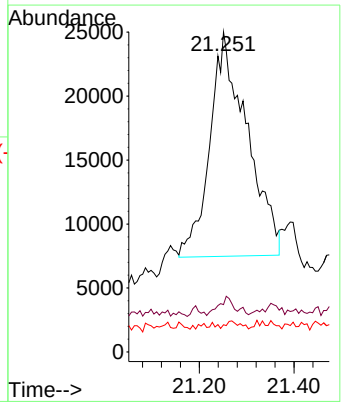




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.391 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.018 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:149 Resp: 95350

Ion	Ratio	Lower	Upper
149	100		
167	14.8	21.9	32.9#
279	8.5	4.3	6.5#



Instrument :
BNA_P
ClientSampleId :
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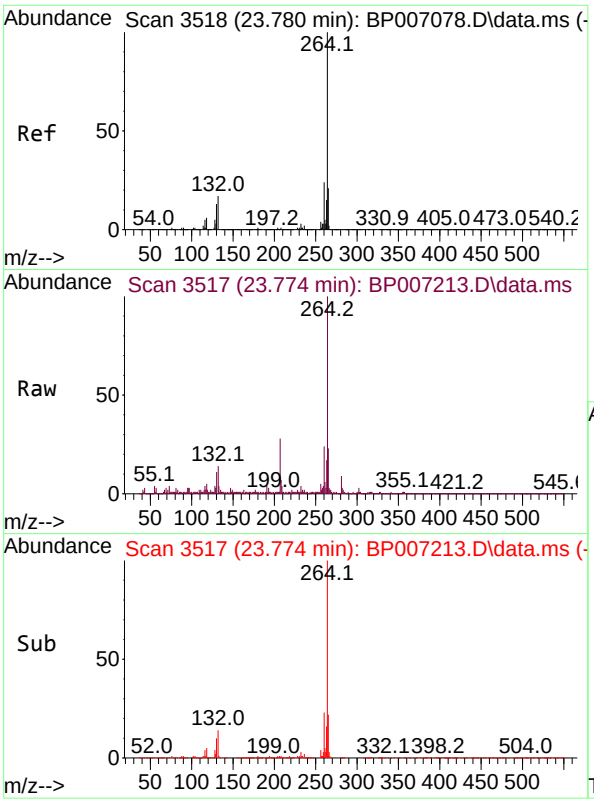
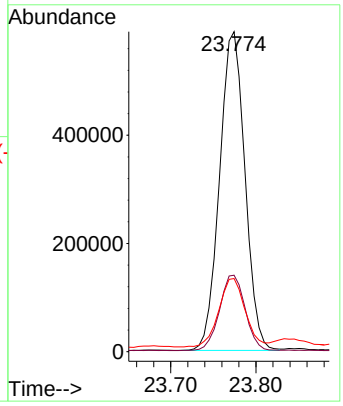
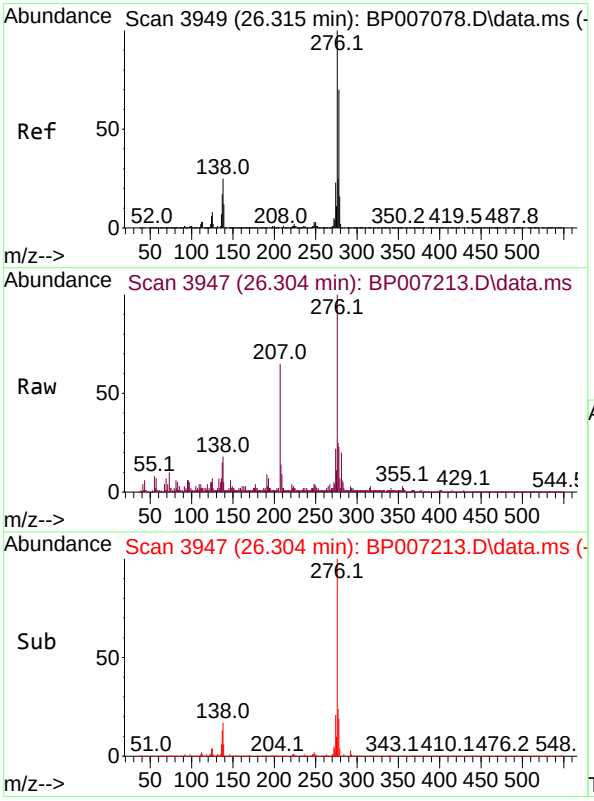


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. 0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:264 Resp: 1219536

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.8	17.6	26.4

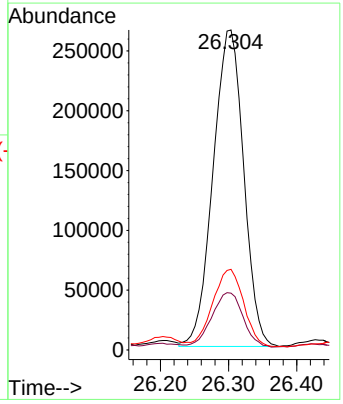


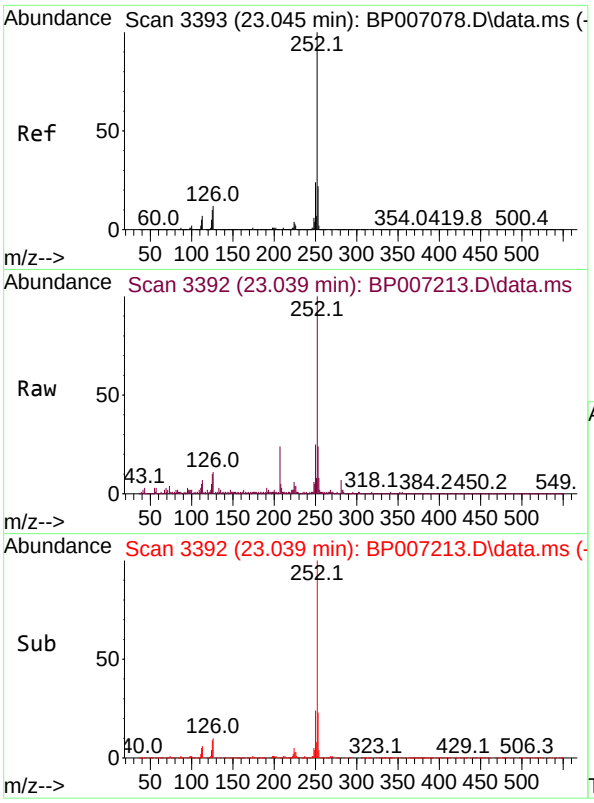


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.431 ng
RT: 26.304 min Scan# 3947
Delta R.T. -0.000 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:276 Resp: 826560

Ion	Ratio	Lower	Upper
276	100		
138	17.4	15.3	22.9
277	24.5	20.4	30.6

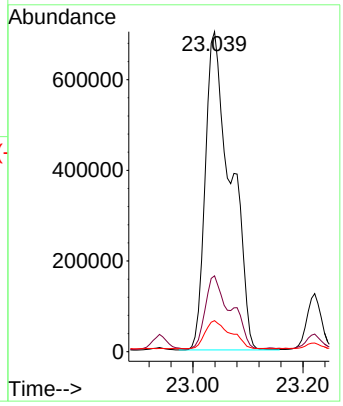




#88
Benzo(b)fluoranthene
Concen: 31.028 ng
RT: 23.039 min Scan# 3392
Delta R.T. 0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:252 Resp: 2261394

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	9.7	6.2	9.4#



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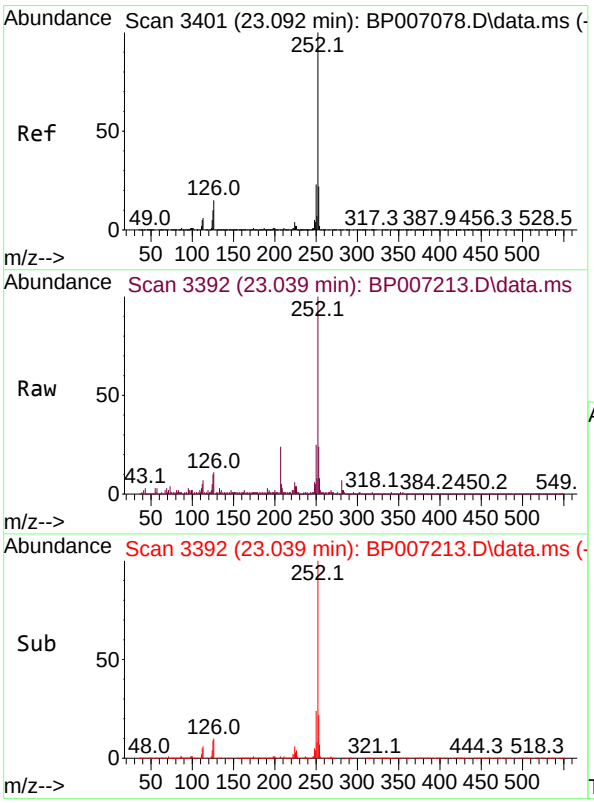
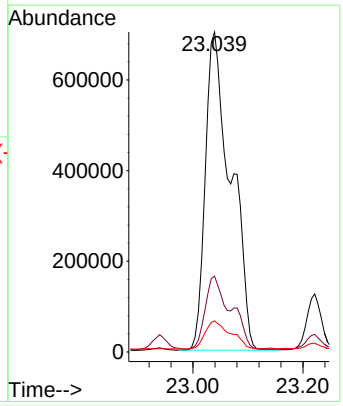


#89
Benzo(k)fluoranthene
Concen: 30.649 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.047 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:252 Resp: 2261656

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	9.7	6.0	9.0#



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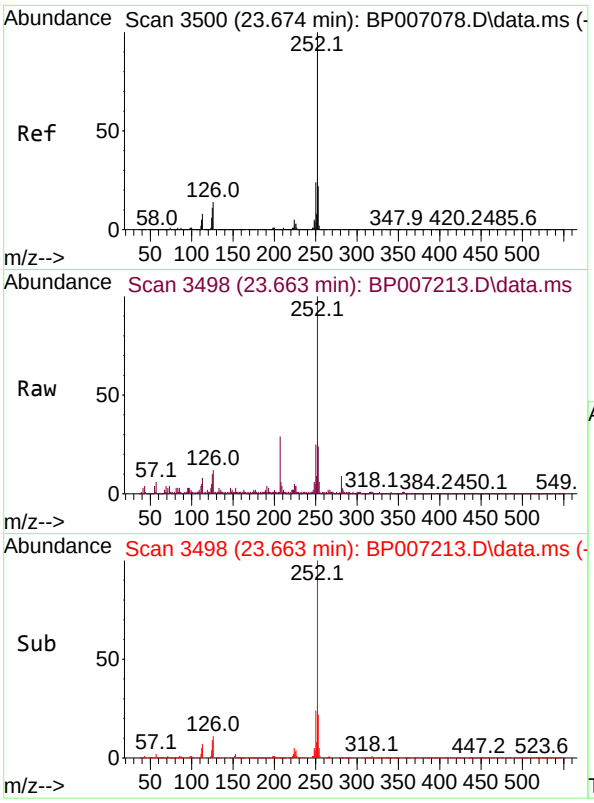
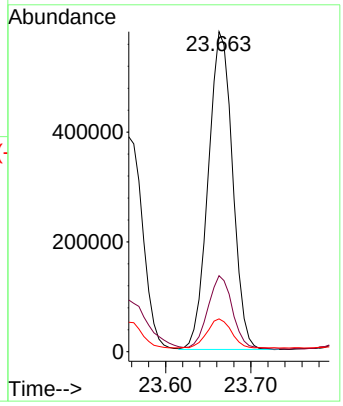
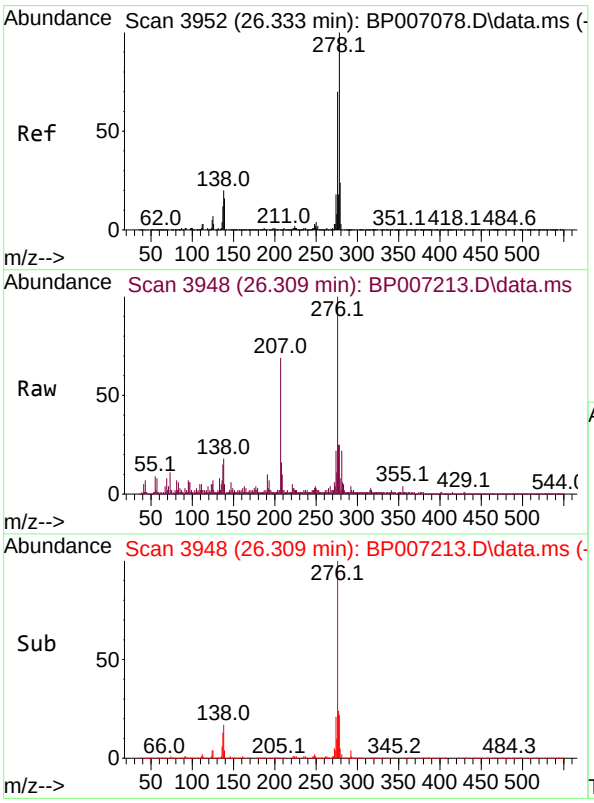


#90
Benzo(a)pyrene
Concen: 18.511 ng
RT: 23.663 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:252 Resp: 1146158

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	10.3	6.5	9.7#

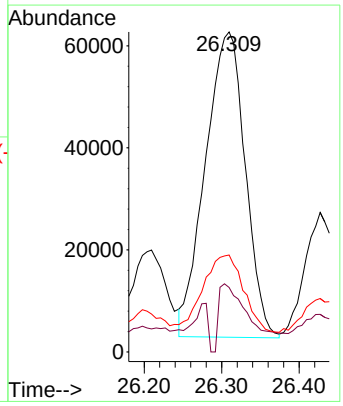


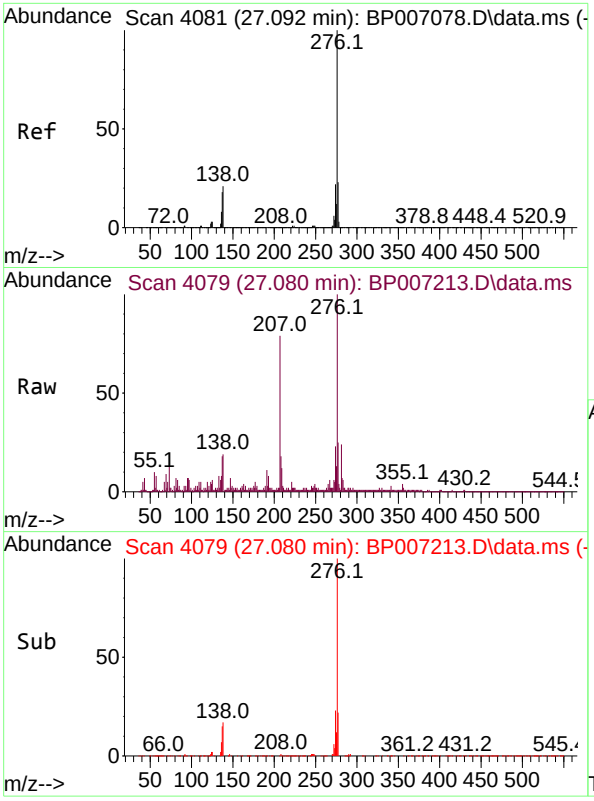


#91
Dibenzo(a,h)anthracene
Concen: 2.915 ng
RT: 26.309 min Scan# 3948
Delta R.T. -0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:278 Resp: 214097

Ion	Ratio	Lower	Upper
278	100		
139	20.2	9.3	13.9#
279	30.3	18.8	28.2#

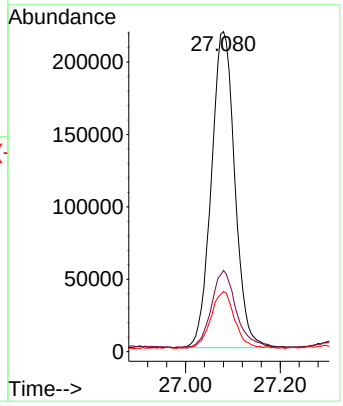




#92
Benzo(g,h,i)perylene
Concen: 10.475 ng
RT: 27.080 min Scan# 4079
Delta R.T. 0.006 min
Lab File: BP007213.D
Acq: 27 Sep 2021 19:32

Tgt Ion:276 Resp: 750776

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.9	28.3
138	18.8	12.6	18.8



Instrument :
BNA_P
ClientSampleId :
PL-05-092421