Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005725.D
Acq On : 04 Jun 2021 22:50
Operator : CG/JU
Sample : M2589-19 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B12(2-4)

Quant Time: Jun 05 02:33:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	171988	20.000	ng		0.00
21) Naphthalene-d8	10.793	136	669980	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	414123	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	850122	20.000	ng	#	0.00
76) Chrysene-d12	21.421	240	860264	20.000	ng	#	0.00
86) Perylene-d12	23.868	264	991502	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	59289	5.360	ng		0.00
7) Phenol-d6	7.152	99	193762	12.848	ng		0.00
23) Nitrobenzene-d5	9.146	82	187023	15.524	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	5635	1.061	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	465374	14.872	ng		0.00
79) Terphenyl-d14	19.892	244	723124	15.773	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.398	178	236437	4.464	ng		99
75) Fluoranthene	19.351	202	378523	5.954	ng		96
78) Pyrene	19.704	202	346060	5.701	ng		98
81) Benzo(a)anthracene	21.404	228	181744	2.879	ng	#	93
83) Chrysene	21.457	228	176597	2.889	ng	#	93
88) Benzo(b)fluoranthene	23.121	252	245265	3.409	ng	#	84
90) Benzo(a)pyrene	23.757	252	183660	2.806	ng	#	78

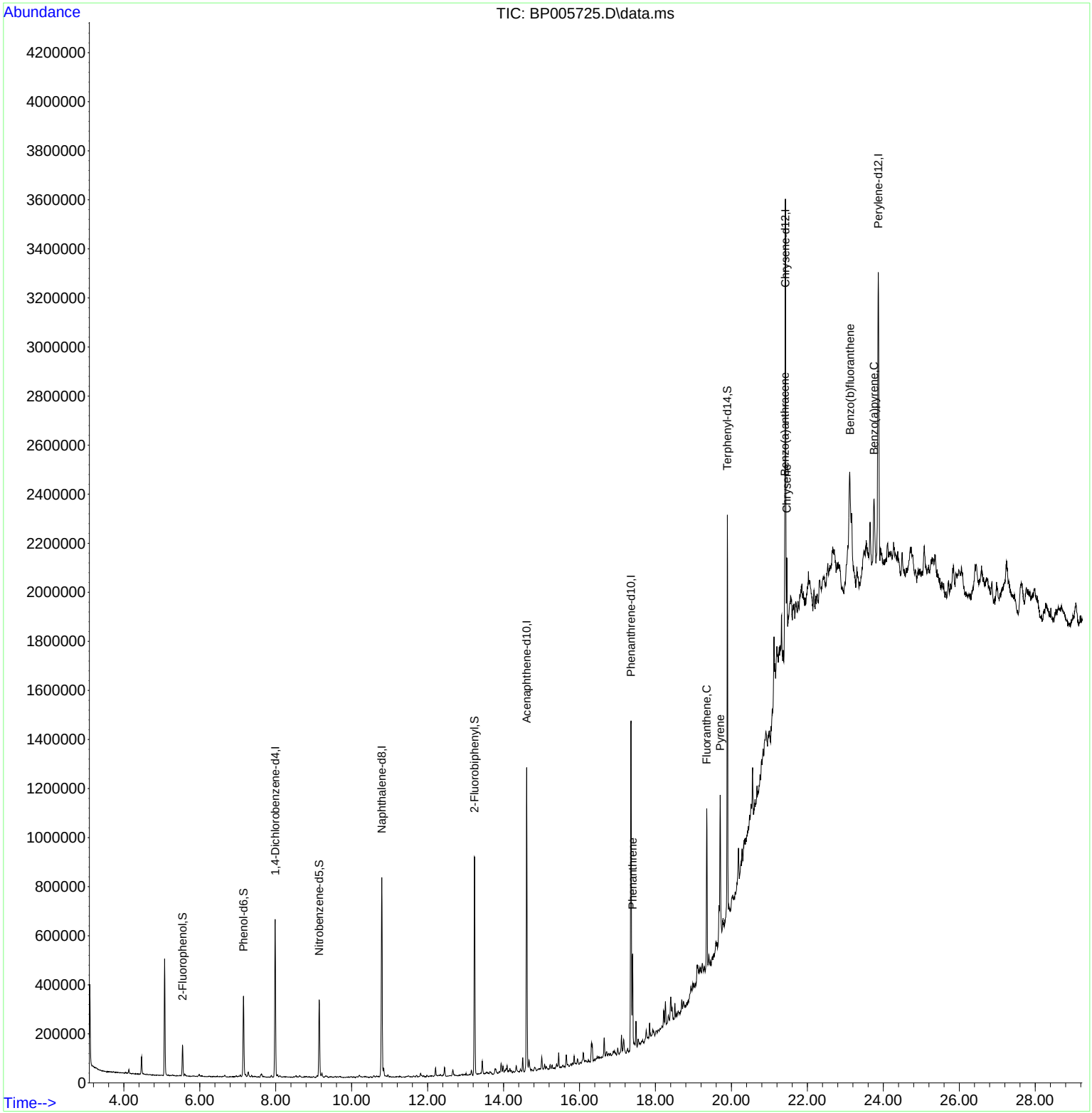
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (LSC Reviewed)

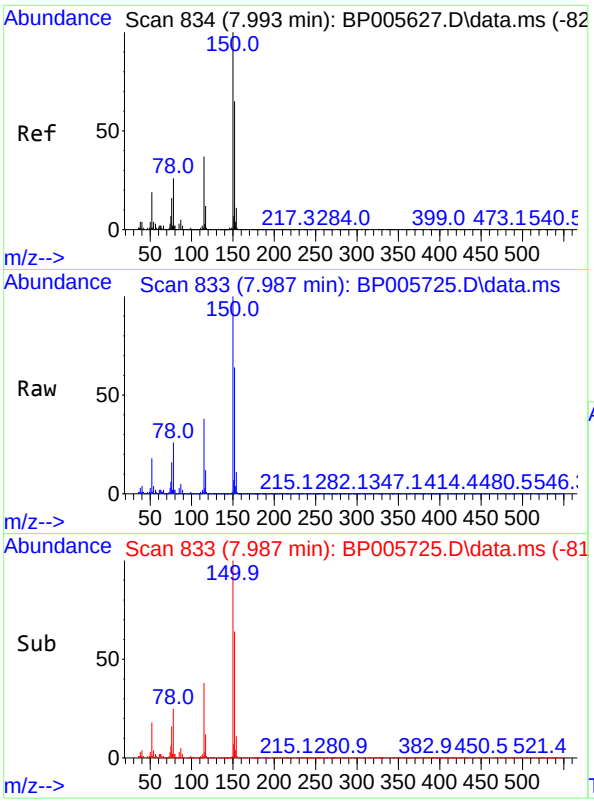
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005725.D
Acq On : 04 Jun 2021 22:50
Operator : CG/JU
Sample : M2589-19 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

Quant Time: Jun 05 02:33:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration



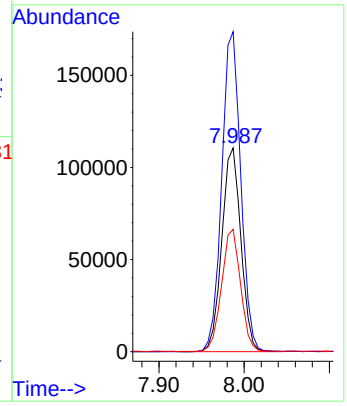
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

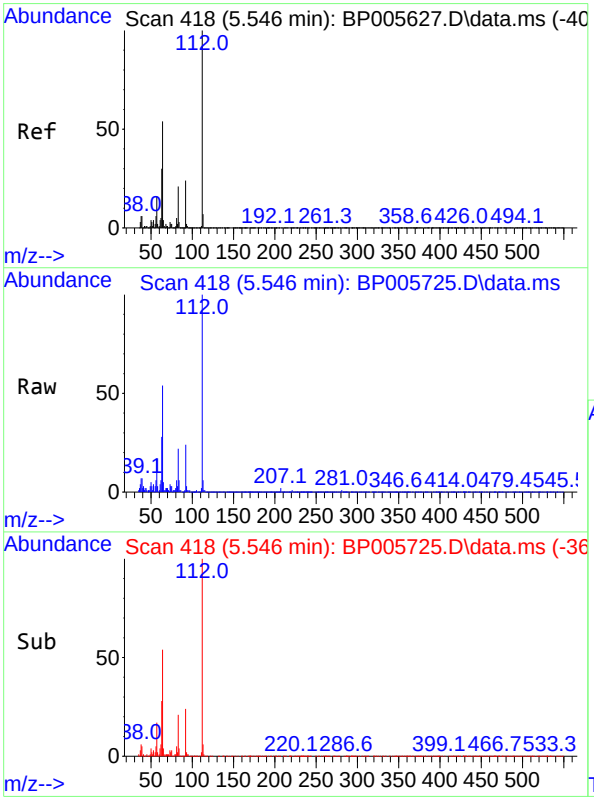


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:152 Resp: 171988

Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.8	179.8
115	60.1	49.0	73.4

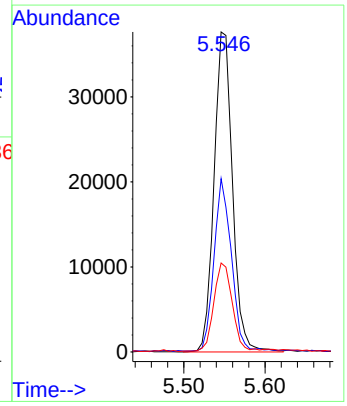




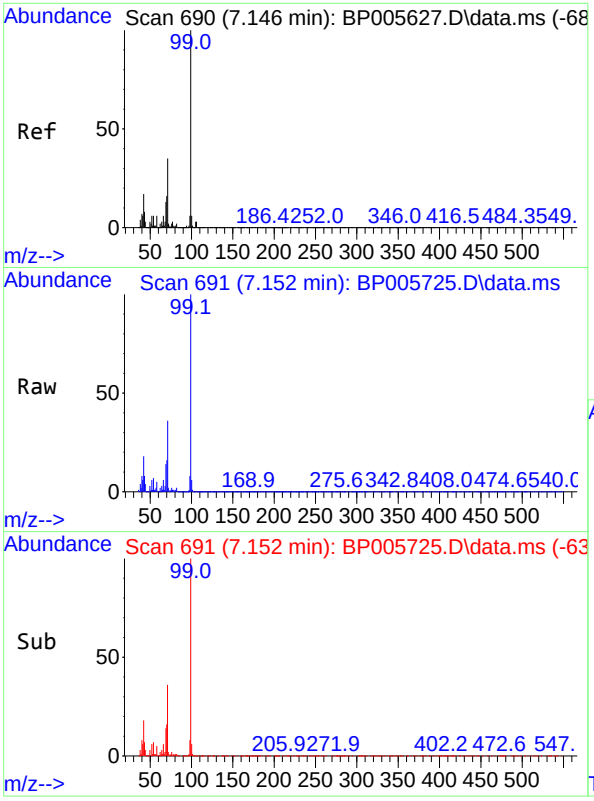
#5
2-Fluorophenol
Concen: 5.360 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:112 Resp: 59289

Ion	Ratio	Lower	Upper
112	100		
64	54.2	33.6	50.4#
63	27.8	18.6	27.8



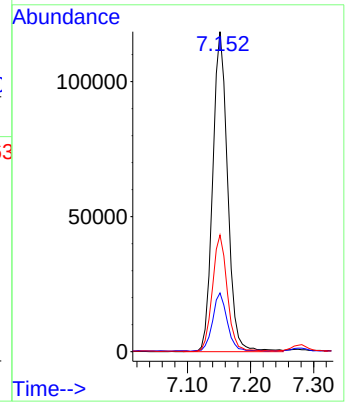
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

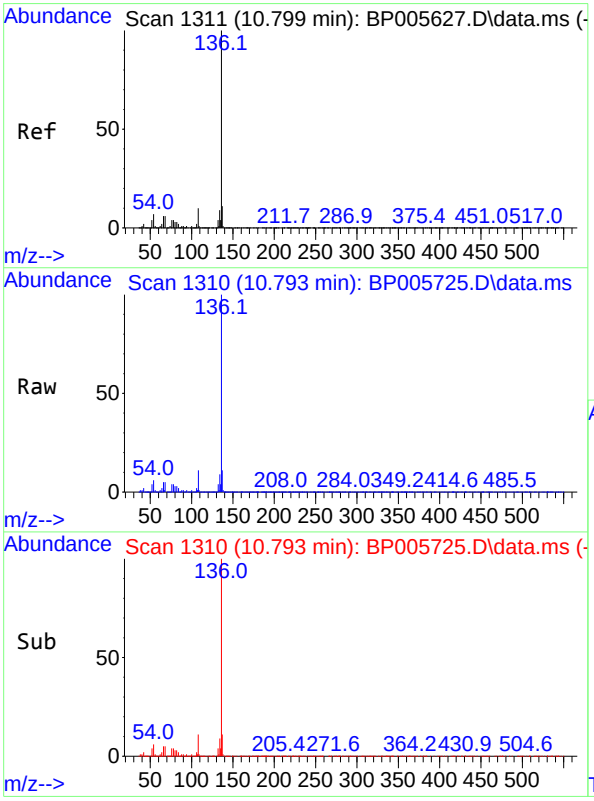


#7
Phenol-d6
Concen: 12.848 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion: 99 Resp: 193762

Ion	Ratio	Lower	Upper
99	100		
42	18.4	12.9	19.3
71	36.4	26.7	40.1

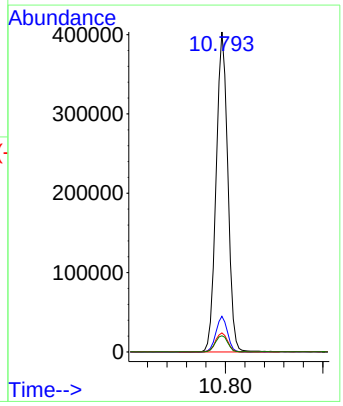




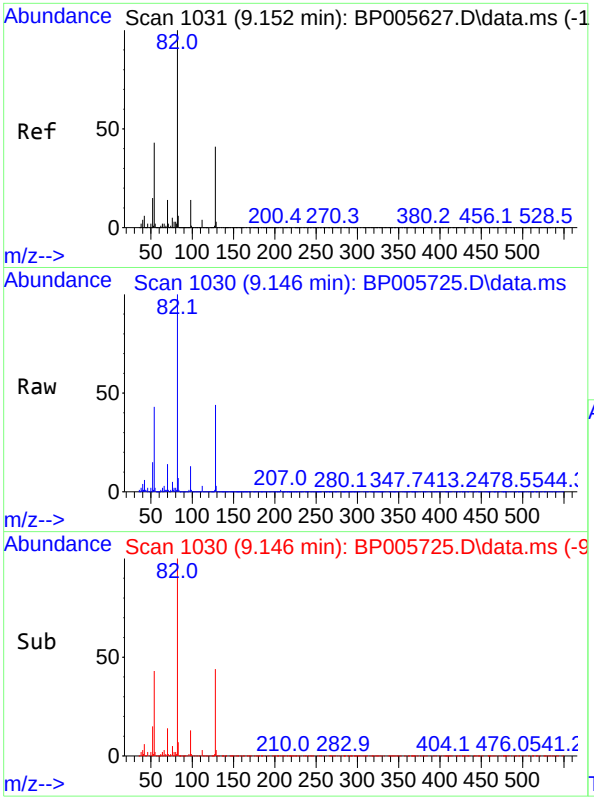
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:136 Resp: 669980

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.0	5.0	7.4
68	5.1	3.7	5.5



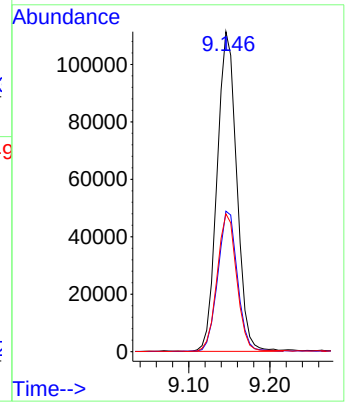
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

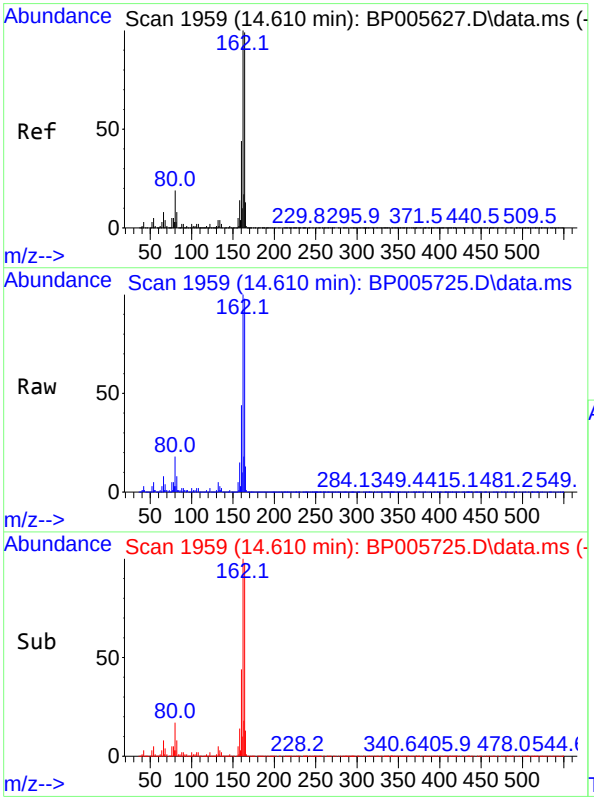


#23
Nitrobenzene-d5
Concen: 15.524 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion: 82 Resp: 187023

Ion	Ratio	Lower	Upper
82	100		
128	43.9	30.5	45.7
54	43.1	33.9	50.9

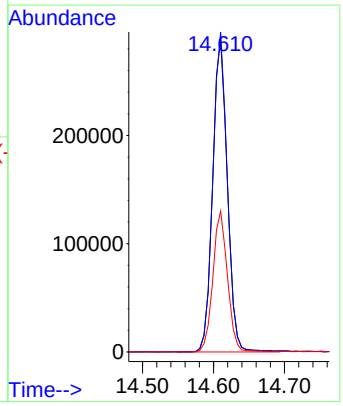




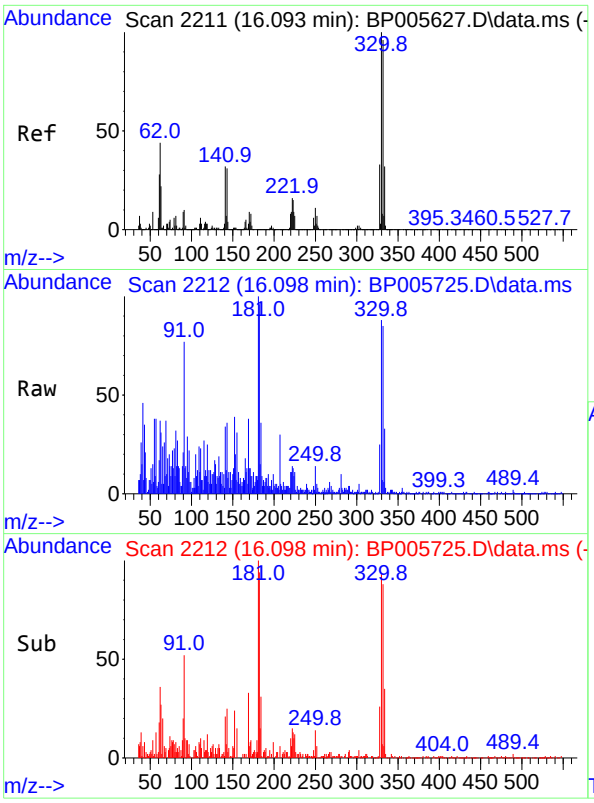
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:164 Resp: 414123

Ion	Ratio	Lower	Upper
164	100		
162	102.4	73.5	110.3
160	45.1	40.6	61.0



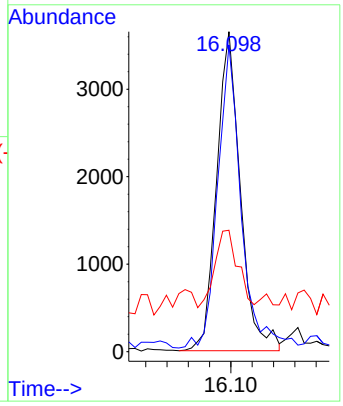
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

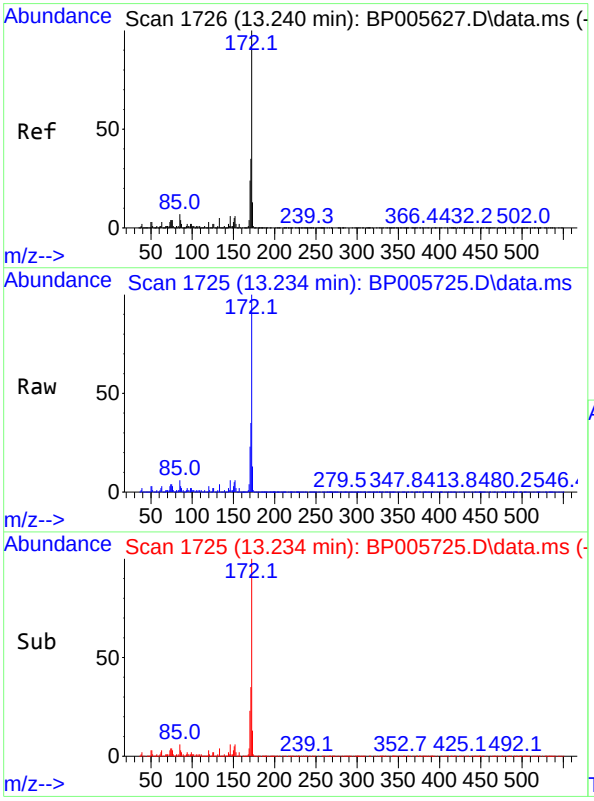


#42
2,4,6-Tribromophenol
Concen: 1.061 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:330 Resp: 5635

Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.3	114.5
141	23.4	22.8	34.2

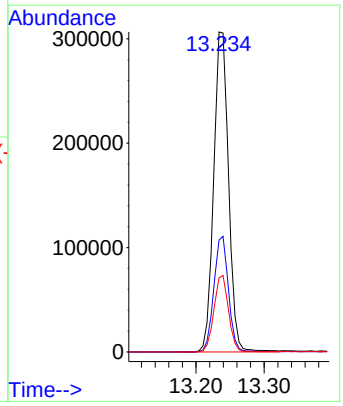




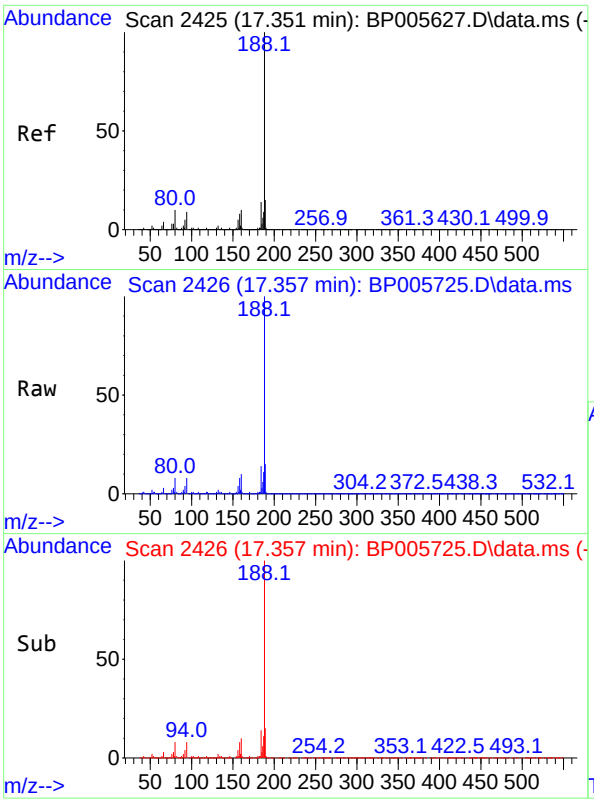
#45
2-Fluorobiphenyl
Concen: 14.872 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:172 Resp: 465374

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.1	19.6	29.4



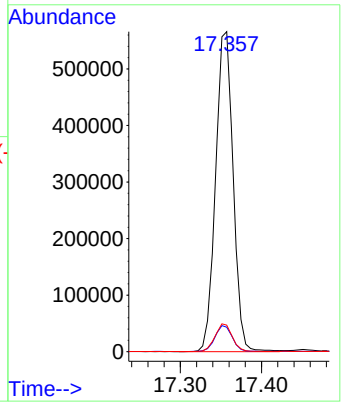
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

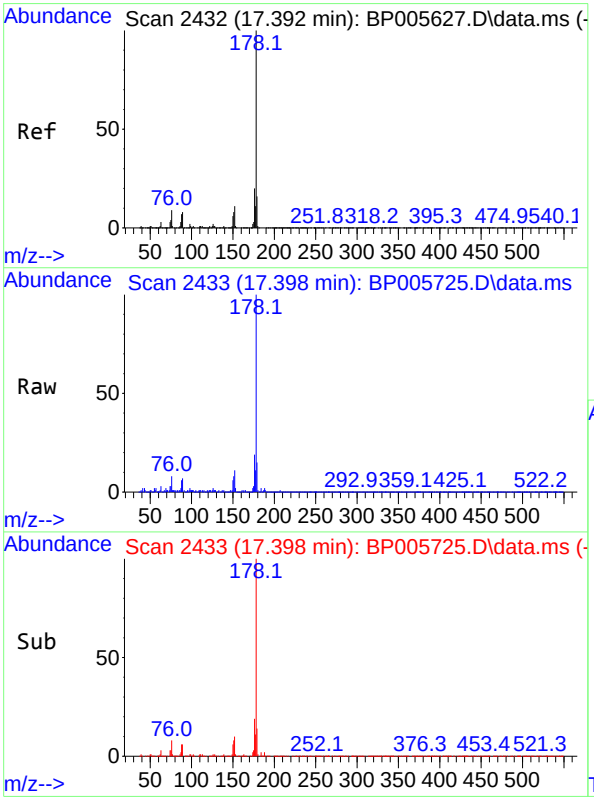


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:188 Resp: 850122

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.0	7.6#
80	8.3	5.9	8.9

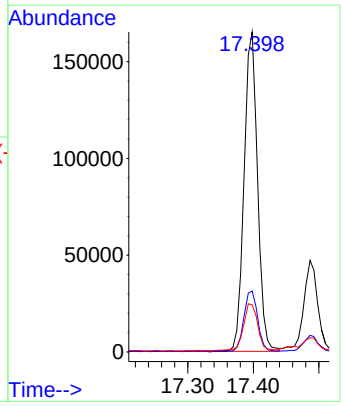




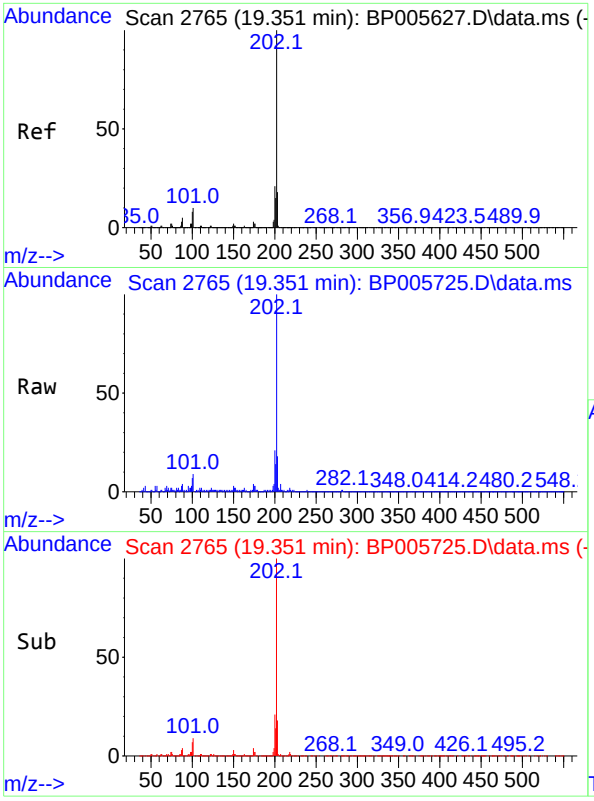
#71
Phenanthrene
Concen: 4.464 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:178 Resp: 236437

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	14.7	12.3	18.5



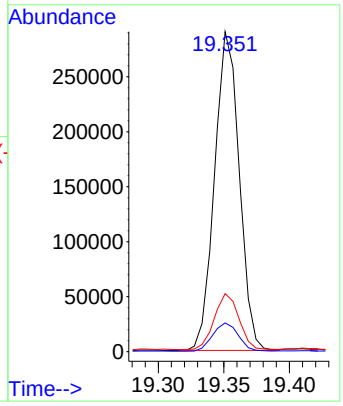
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

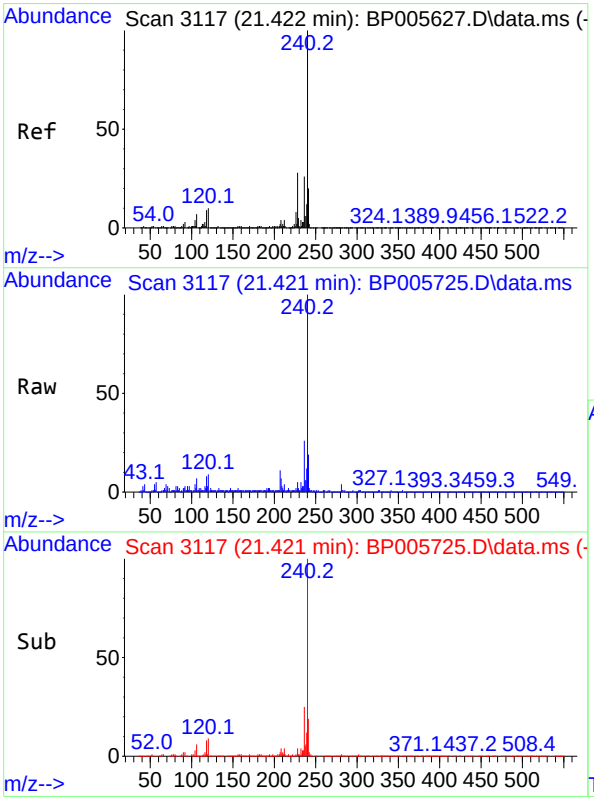


#75
Fluoranthene
Concen: 5.954 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:202 Resp: 378523

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	26.1
203	18.2	0.0	37.2

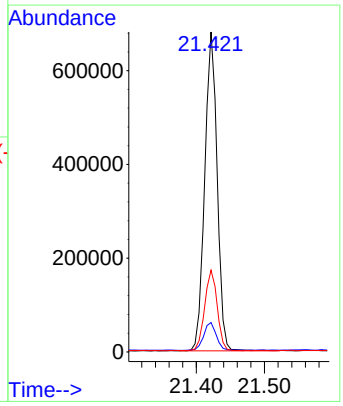




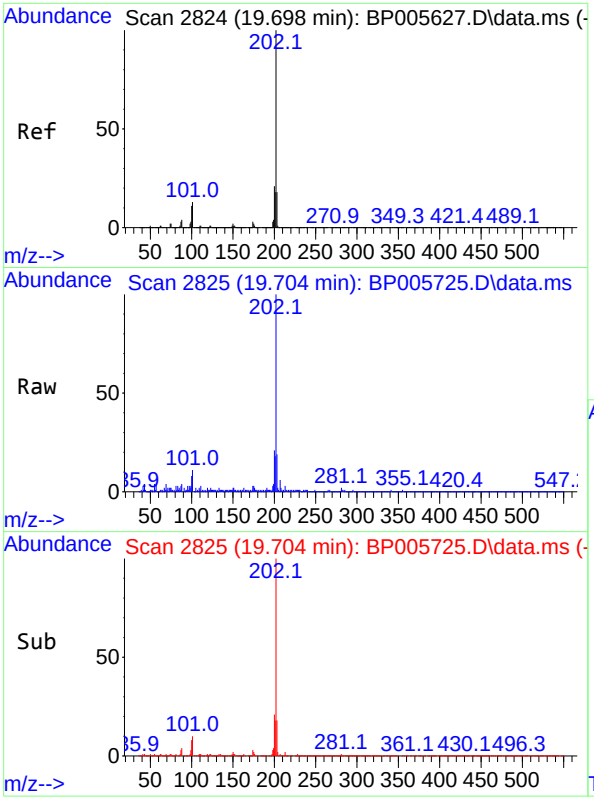
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:240 Resp: 860264

Ion	Ratio	Lower	Upper
240	100		
120	9.2	4.2	6.2#
236	25.6	20.2	30.2



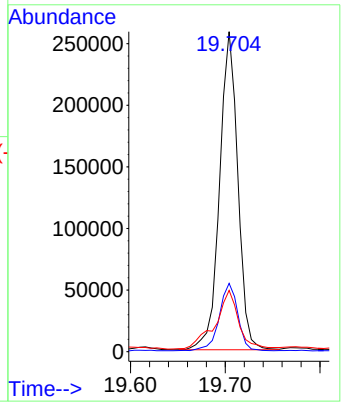
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

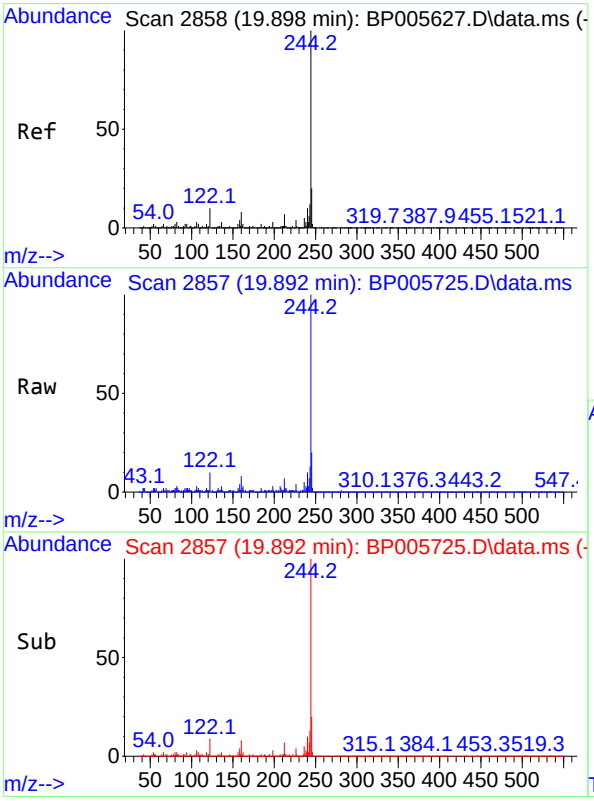


#78
Pyrene
Concen: 5.701 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:202 Resp: 346060

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	19.2	13.8	20.6

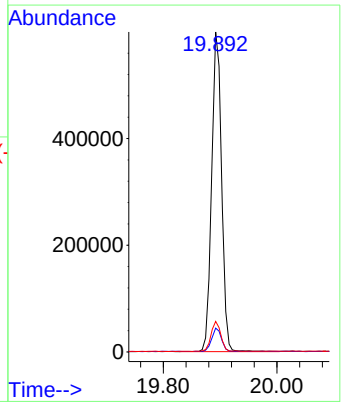




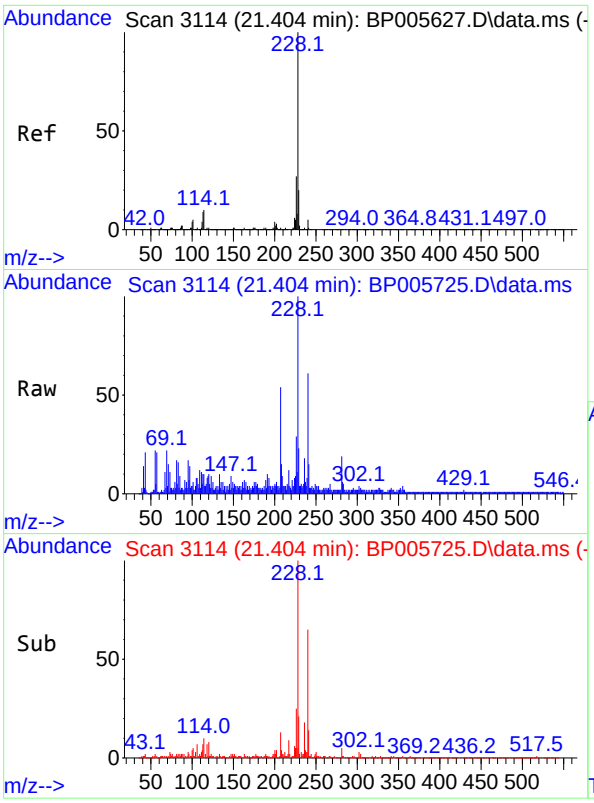
#79
Terphenyl-d14
Concen: 15.773 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:244 Resp: 723124

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.6	5.2	7.8#



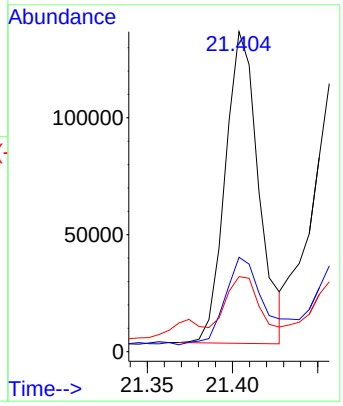
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

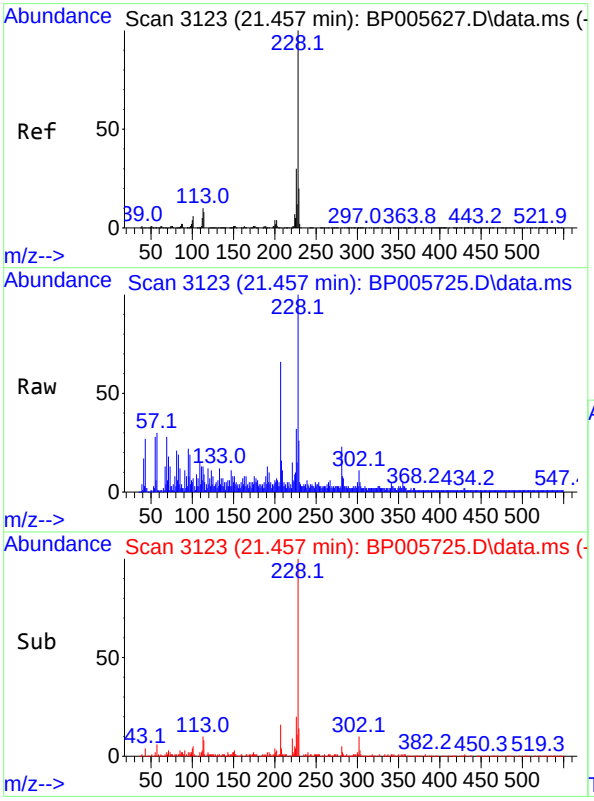


#81
Benzo(a)anthracene
Concen: 2.879 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:228 Resp: 181744

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.2	31.8
229	23.5	15.6	23.4#

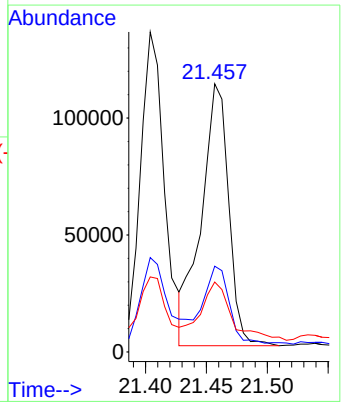




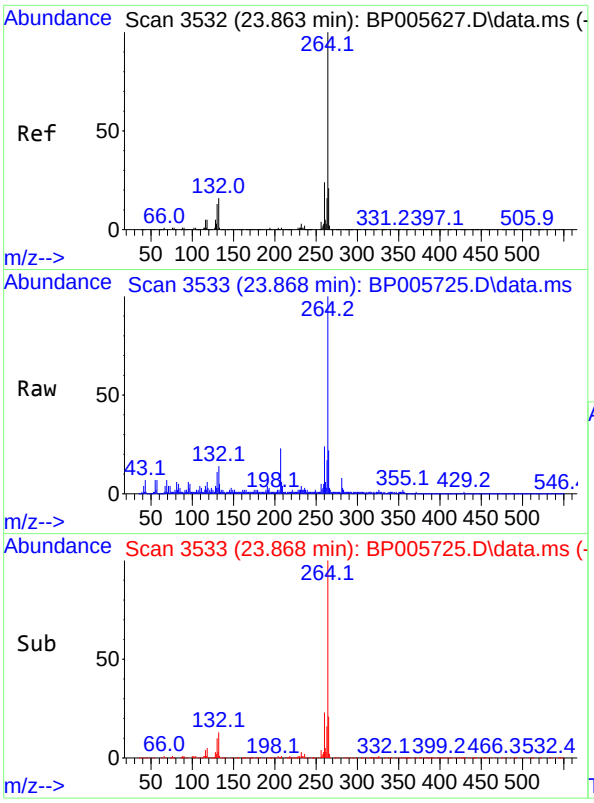
#83
Chrysene
Concen: 2.889 ng
RT: 21.457 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:228 Resp: 176597

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	26.1	15.4	23.0#



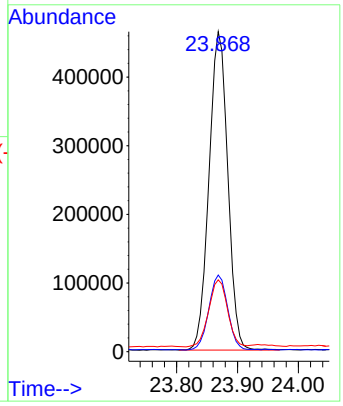
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

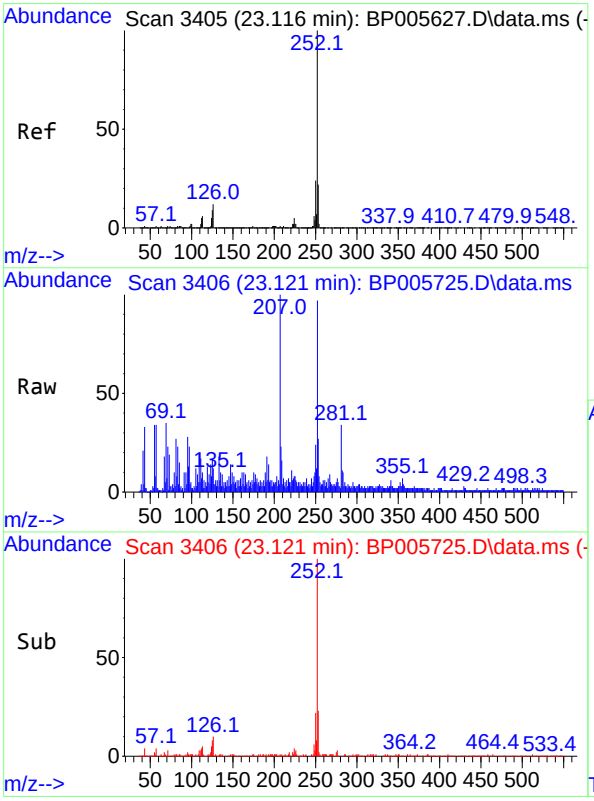


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.868 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:264 Resp: 991502

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.6	30.8
265	22.5	19.0	28.6

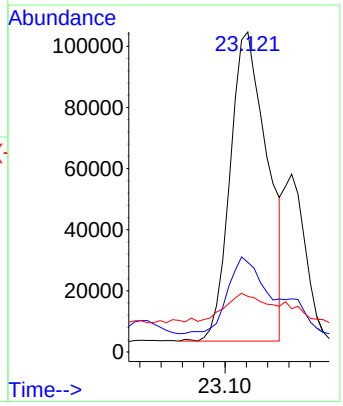


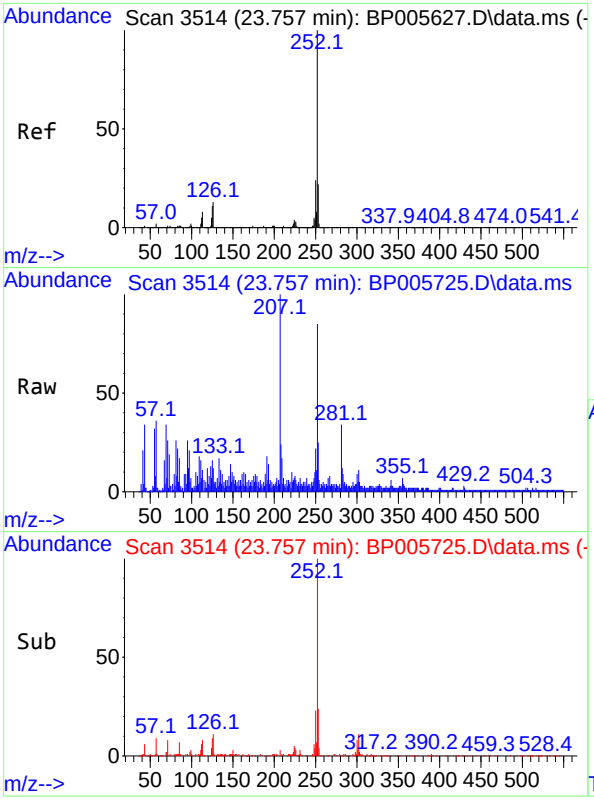


#88
Benzo(b)fluoranthene
Concen: 3.409 ng
RT: 23.121 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:252 Resp: 245265

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.2#
125	17.4	3.4	5.0#

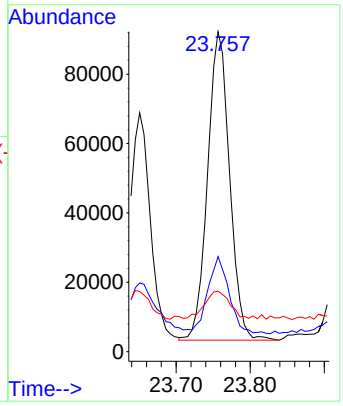




#90
Benzo(a)pyrene
Concen: 2.806 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP005725.D
Acq: 04 Jun 2021 22:50

Tgt Ion:252 Resp: 183660

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.1	25.7#
125	18.9	3.8	5.6#



Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)