Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

Quant Time: Oct 04 16:32:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	258049	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1048054	20.000	ng	#	0.00
39) Acenaphthene-d10	14.498	164	667025	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1340569	20.000	ng	#	0.00
76) Chrysene-d12	21.339	240	977508	20.000	ng	#	0.00
86) Perylene-d12	23.745	264	936241	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1638590	106.294	ng		0.00
7) Phenol-d6	7.046	99	2035768	96.622	ng		0.00
23) Nitrobenzene-d5	9.028	82	1198784	66.612	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	848815	98.156	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2867297	61.583	ng		0.00
79) Terphenyl-d14	19.810	244	3659863	71.746	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.222	152	124890	2.110	ng		100
71) Phenanthrene	17.292	178	497419	6.920	ng		99
75) Fluoranthene	19.263	202	1077242	13.008	ng		97
78) Pyrene	19.616	202	1121615	17.489	ng		99
81) Benzo(a)anthracene	21.322	228	512141	8.072	ng		97
83) Chrysene	21.374	228	530807	8.753	ng		96
87) Indeno(1,2,3-cd)pyrene	26.257	276	309844	4.605	ng		98
88) Benzo(b)fluoranthene	23.010	252	619231	11.067	ng	#	95
89) Benzo(k)fluoranthene	23.010	252	619231	10.931	ng	#	95
90) Benzo(a)pyrene	23.639	252	444191	9.344	ng	#	96
92) Benzo(g,h,i)perylene	27.027	276	307653	5.591	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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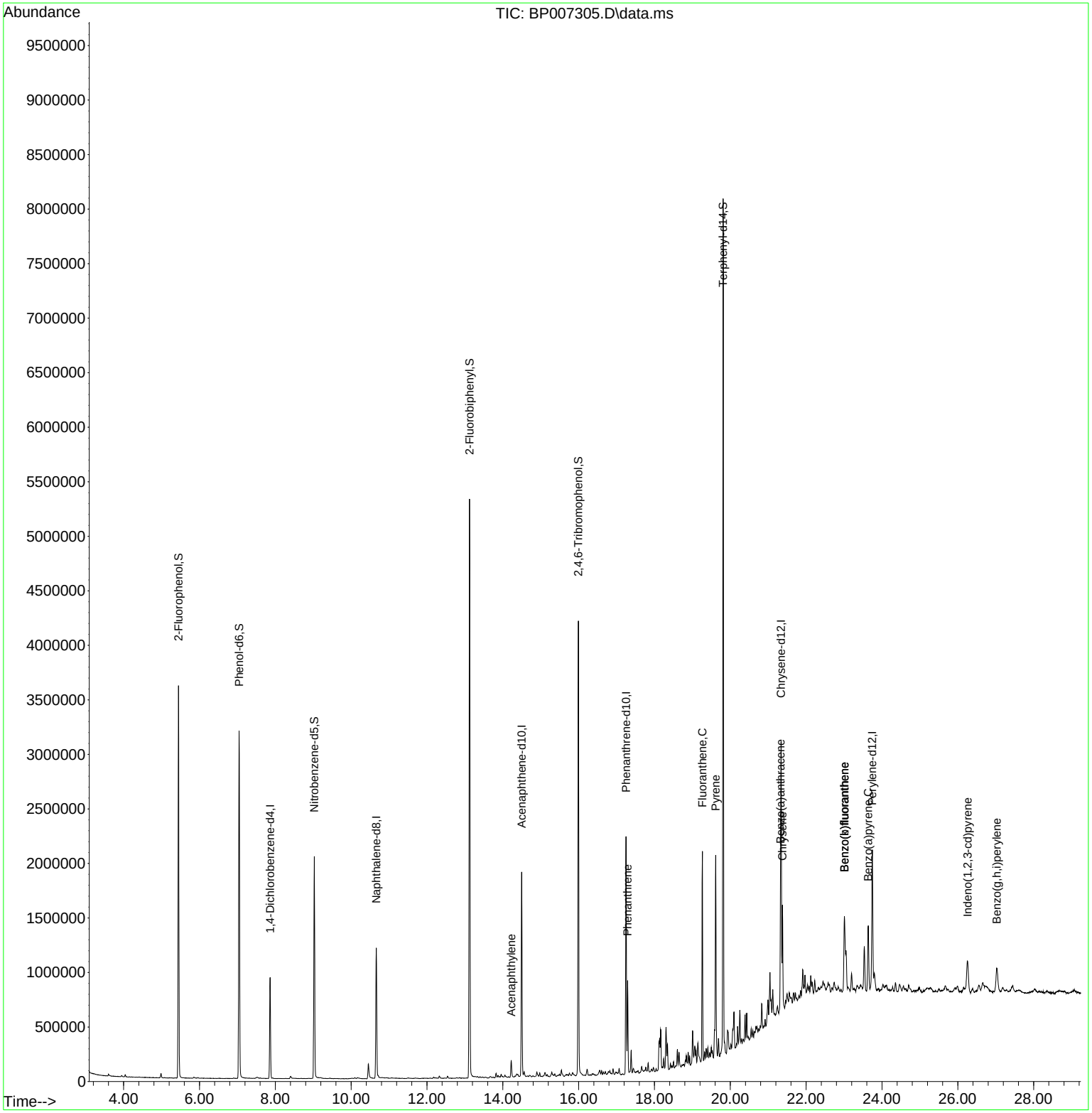
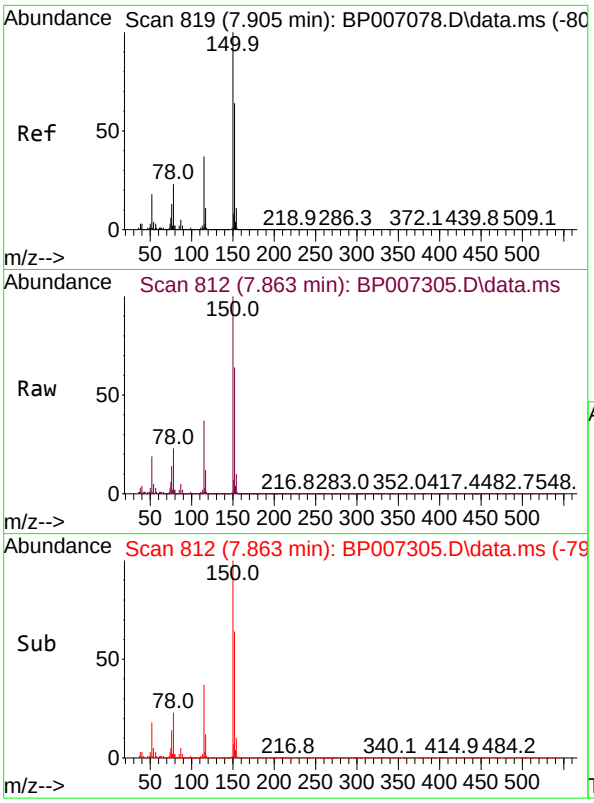
Quant Time: Oct 04 16:32:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

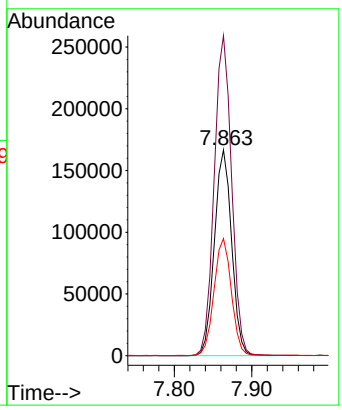




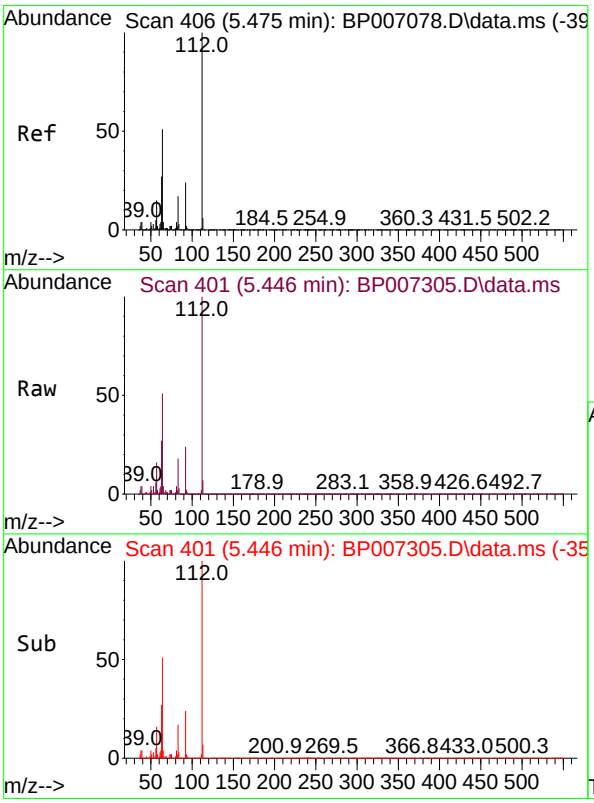
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:152 Resp: 258049

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.6	188.4
115	56.9	48.5	72.7



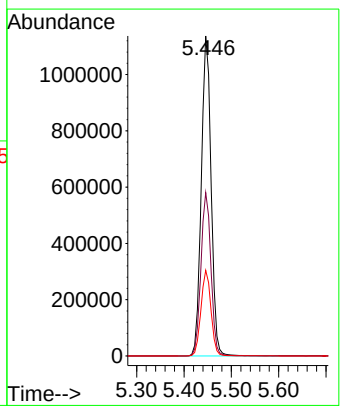
Instrument :
BNA_P
ClientSampleId :
369

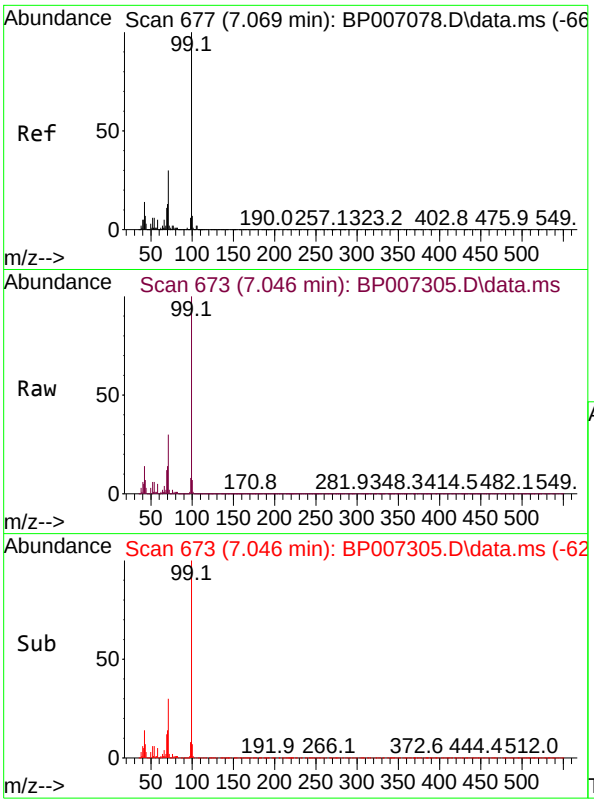


#5
2-Fluorophenol
Concen: 106.294 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:112 Resp: 1638590

Ion	Ratio	Lower	Upper
112	100		
64	51.1	41.4	62.2
63	26.8	23.8	35.8

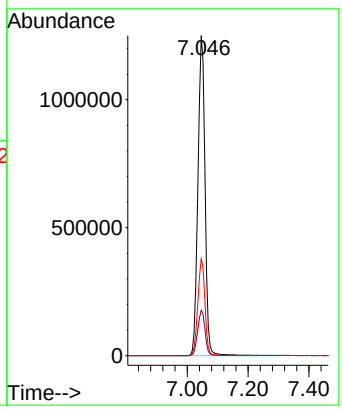




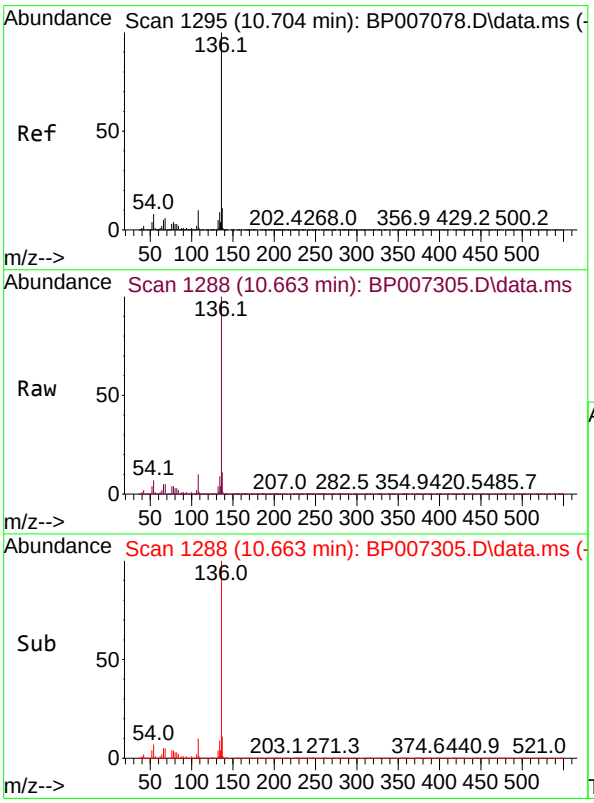
#7
Phenol-d6
Concen: 96.622 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion: 99 Resp: 2035768

Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.4	20.0
71	30.2	30.6	46.0#



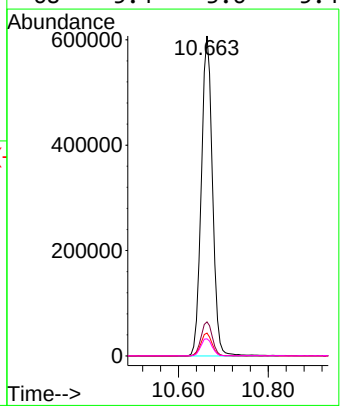
Instrument :
BNA_P
ClientSampleId :
369



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:136 Resp: 1048054

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.2	4.6	6.8#
68	5.4	3.6	5.4



Instrument :
BNA_P
ClientSampleId :
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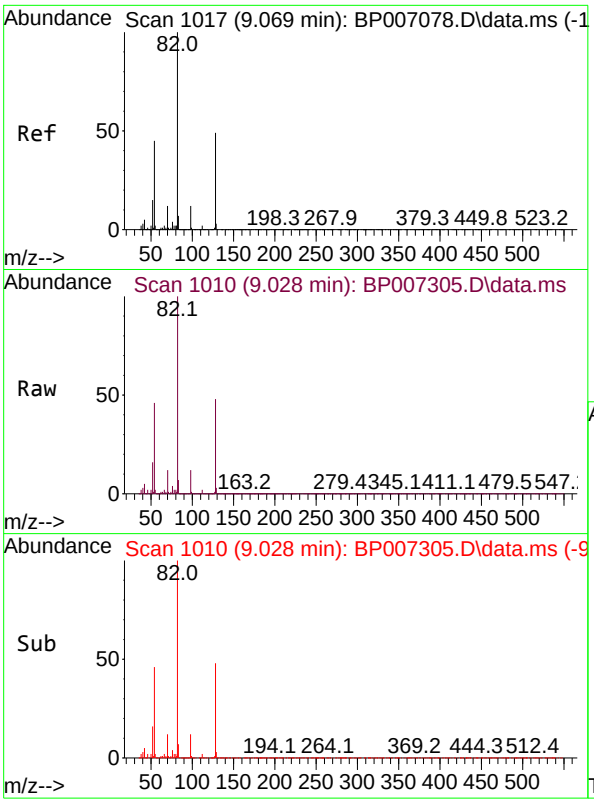
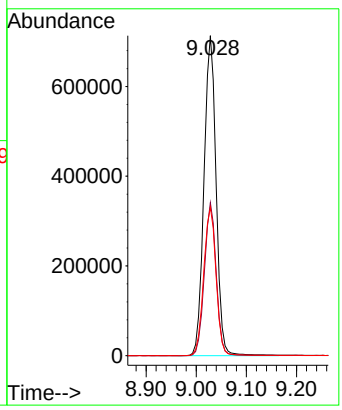
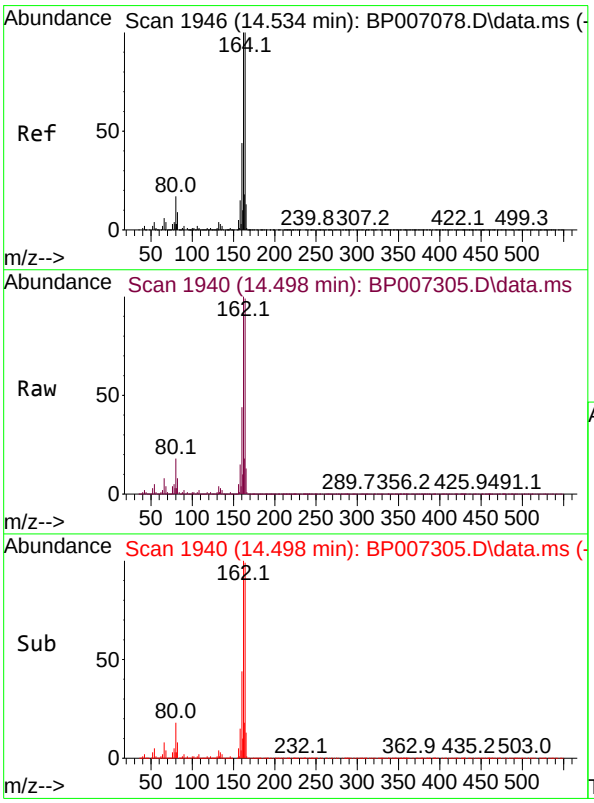


#23
Nitrobenzene-d5
Concen: 66.612 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion: 82 Resp: 1198784

Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.7	53.5
54	46.3	35.0	52.4

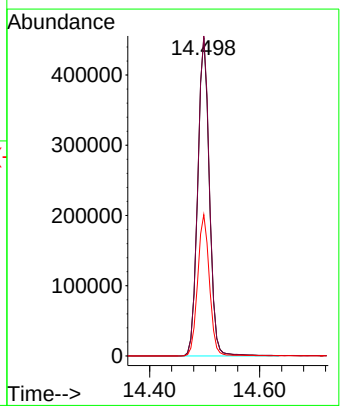




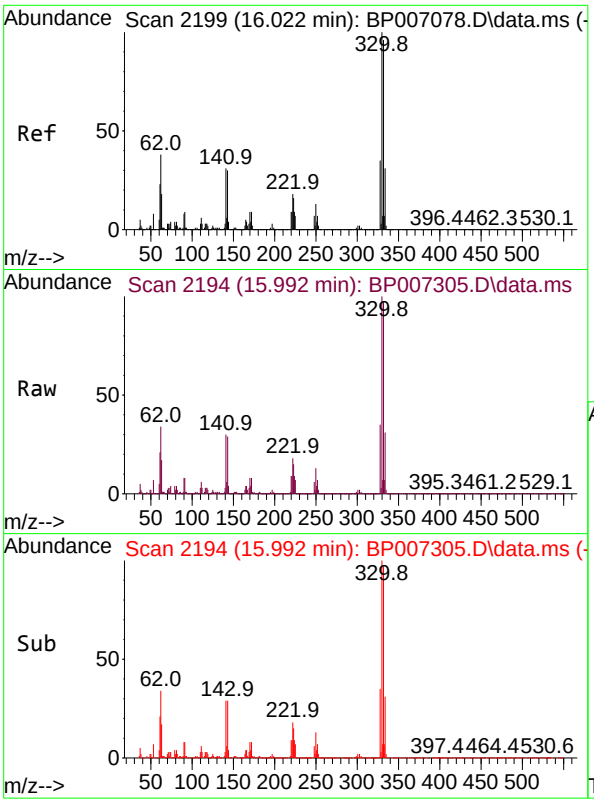
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:164 Resp: 667025

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	44.4	34.5	51.7



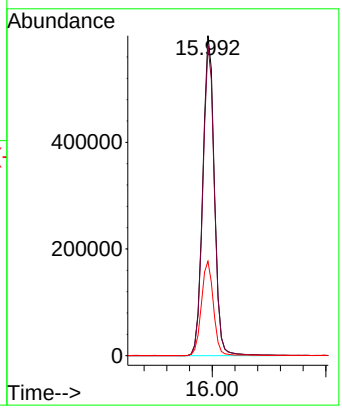
Instrument :
BNA_P
ClientSampleId :
369

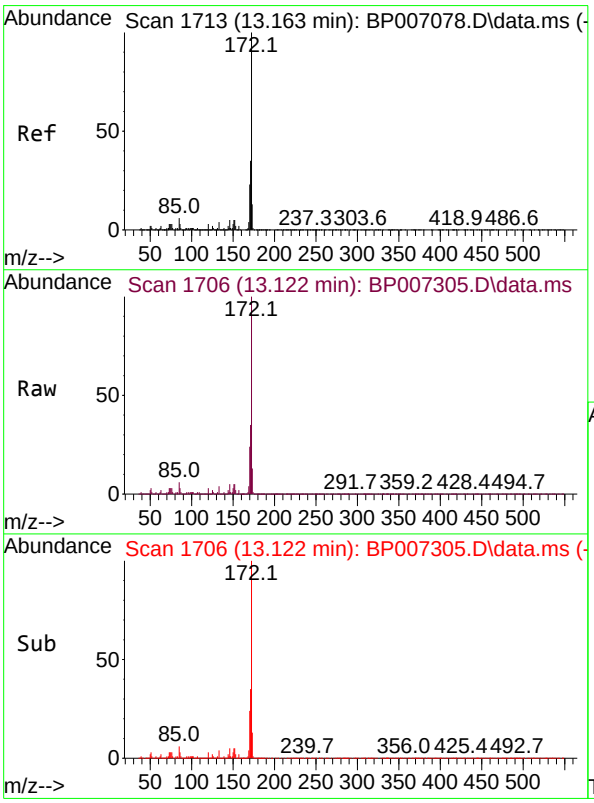


#42
2,4,6-Tribromophenol
Concen: 98.156 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:330 Resp: 848815

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.8
141	30.6	25.4	38.2

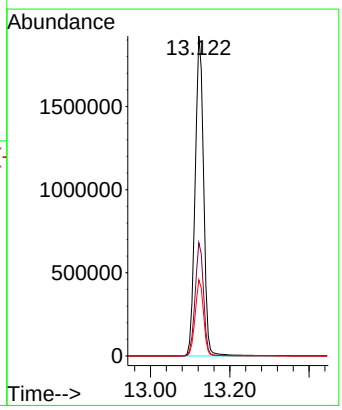




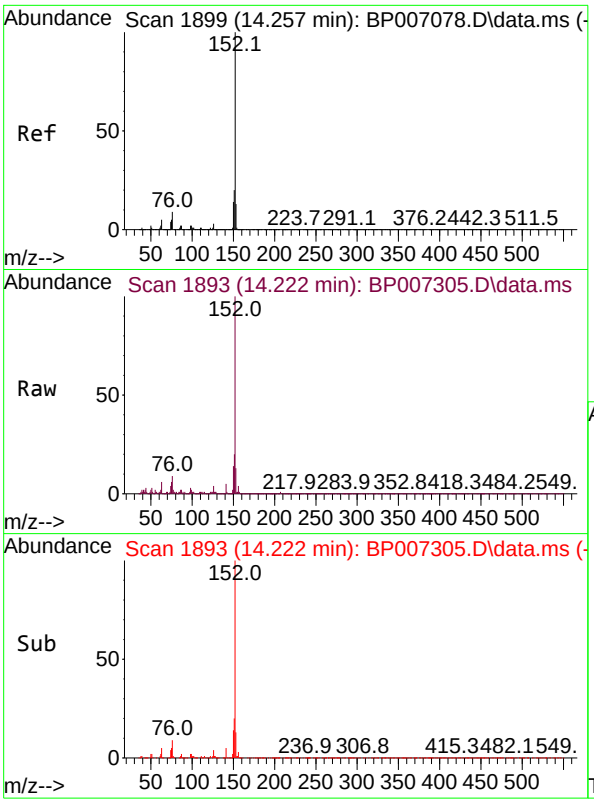
#45
2-Fluorobiphenyl
Concen: 61.583 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:172 Resp: 2867297

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.8	18.6	27.8



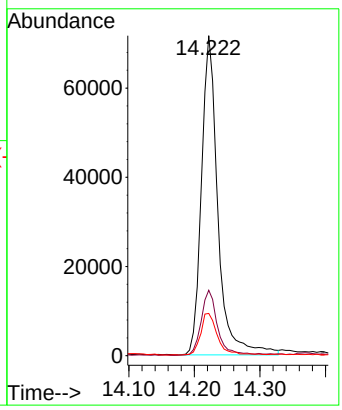
Instrument :
BNA_P
ClientSampleId :
369

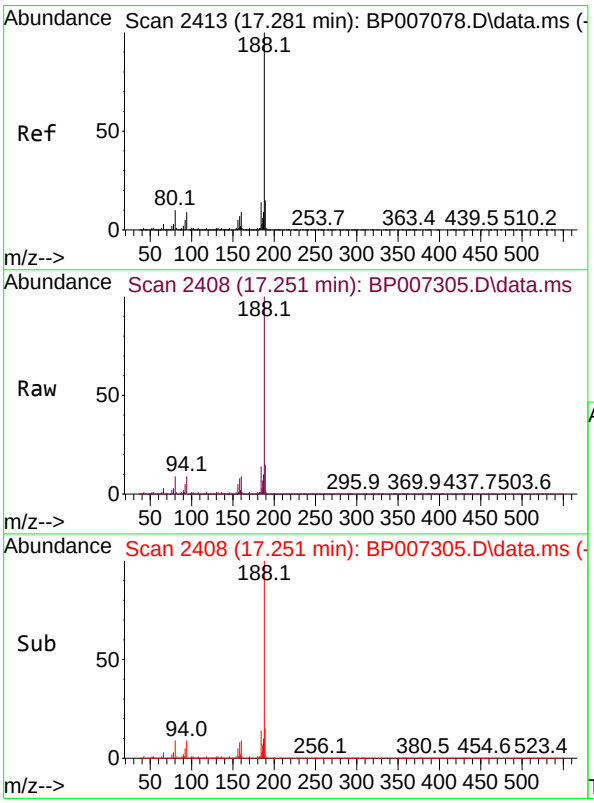


#49
Acenaphthylene
Concen: 2.110 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:152 Resp: 124890

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.2	10.6	16.0

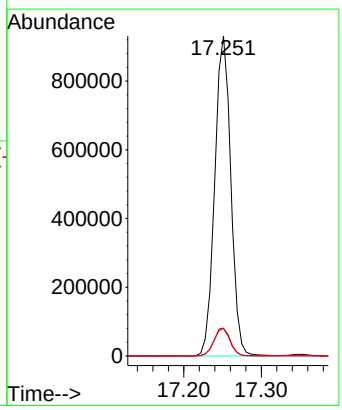


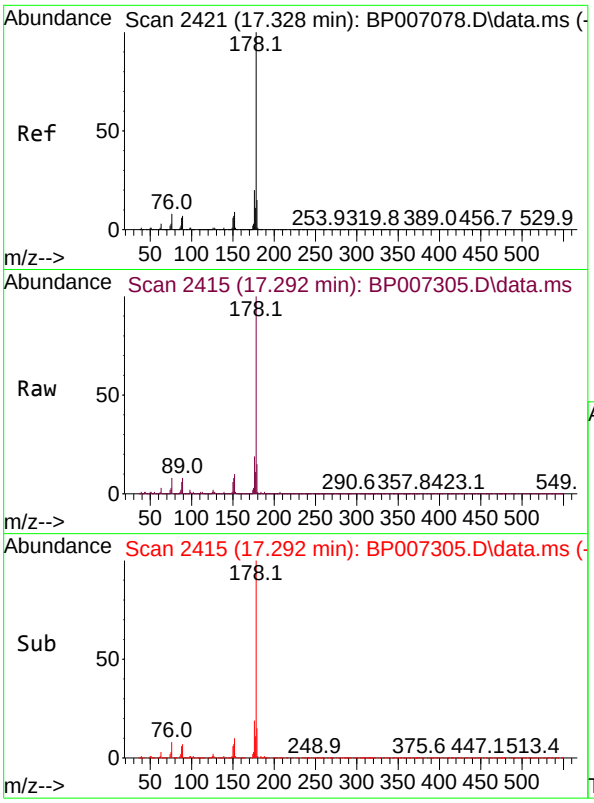


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:188 Resp: 1340569

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.6	8.4#
80	8.7	6.3	9.5

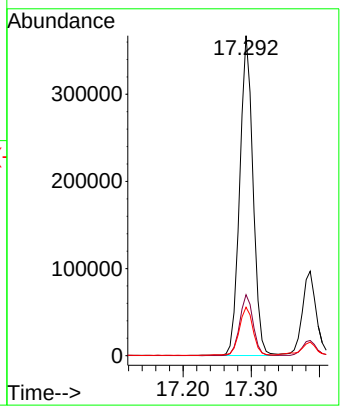




#71
Phenanthrene
Concen: 6.920 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:178 Resp: 497419

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.2	12.4	18.6



Instrument :
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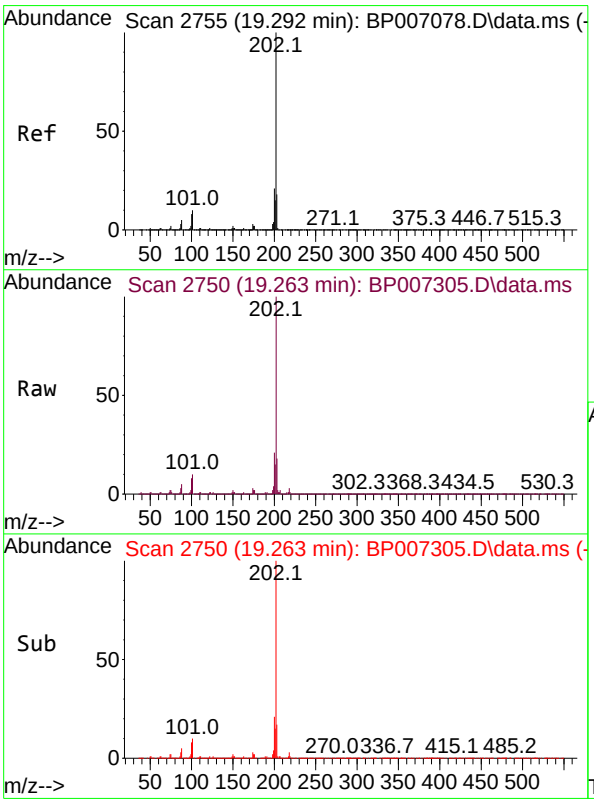
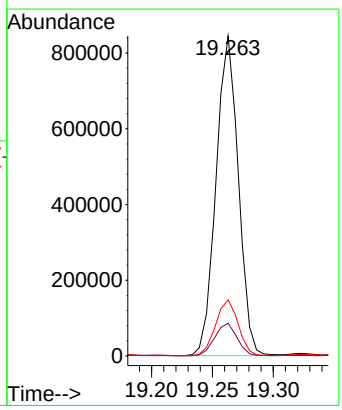
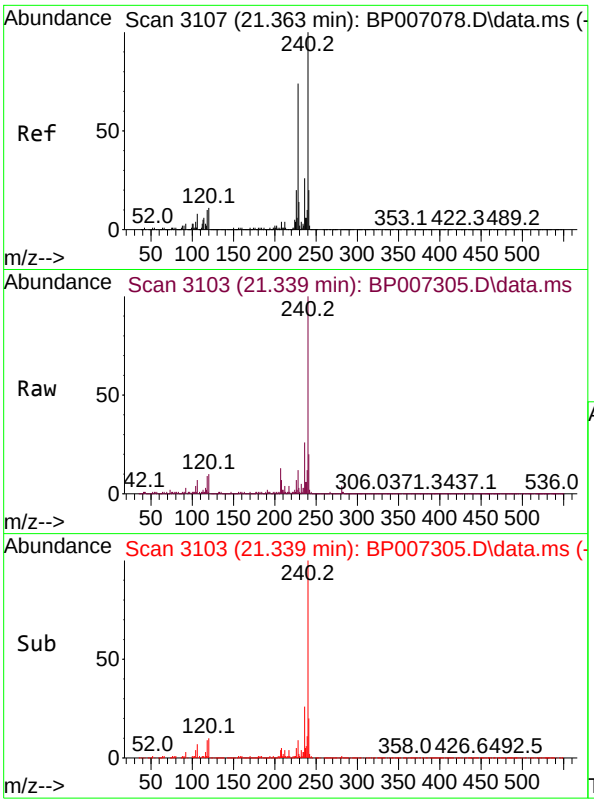


#75
Fluoranthene
Concen: 13.008 ng
RT: 19.263 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:202 Resp: 1077242

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	27.6
203	17.5	0.0	37.8

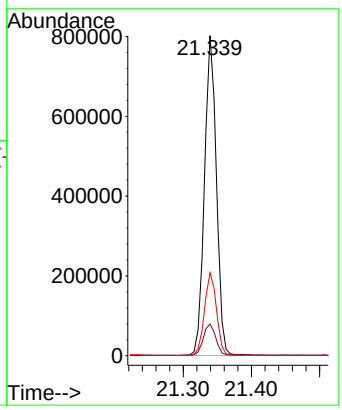




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:240 Resp: 977508

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.5	9.7#
236	25.9	20.6	31.0



Instrument :
BNA_P
ClientSampleId :
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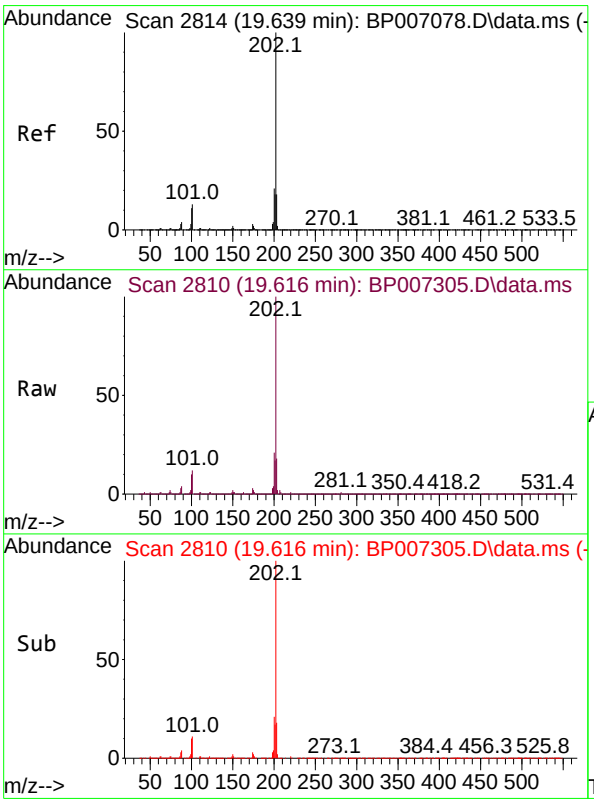
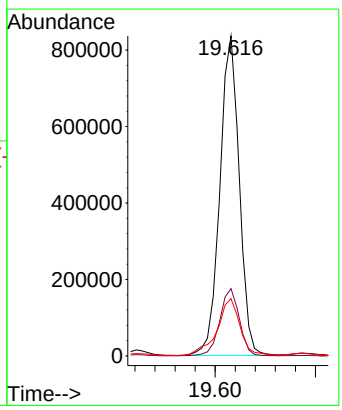
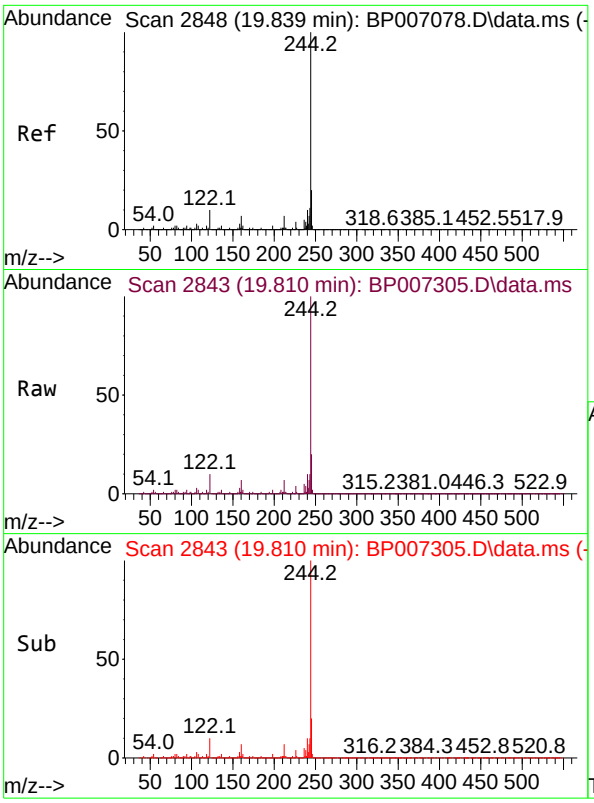


#78
Pyrene
Concen: 17.489 ng
RT: 19.616 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:202 Resp: 1121615

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	17.9	14.2	21.2

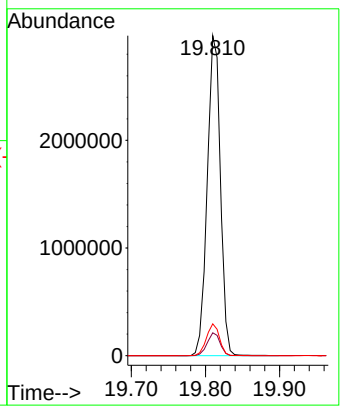




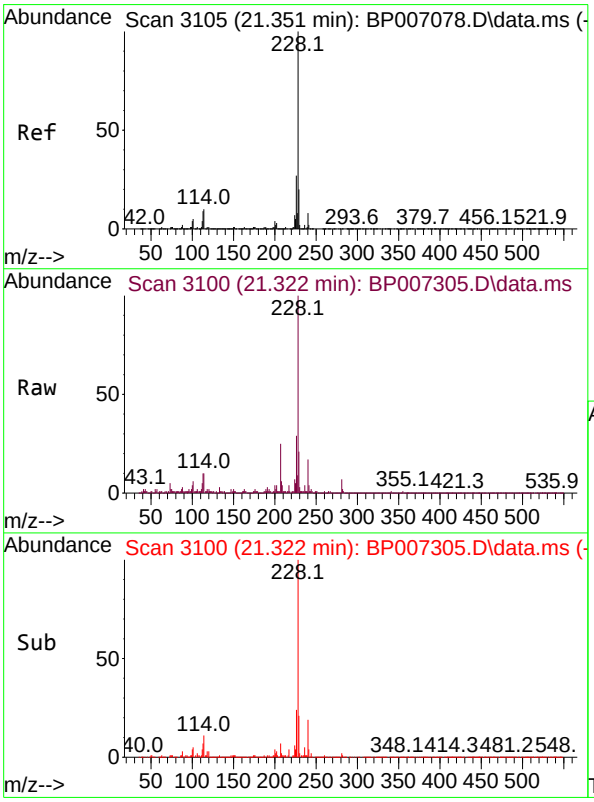
#79
Terphenyl-d14
Concen: 71.746 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:244 Resp: 3659863

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.0	7.1	10.7



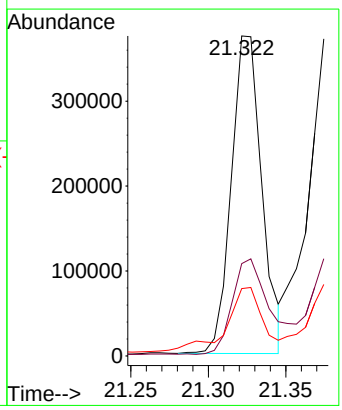
Instrument :
BNA_P
ClientSampleId :
369



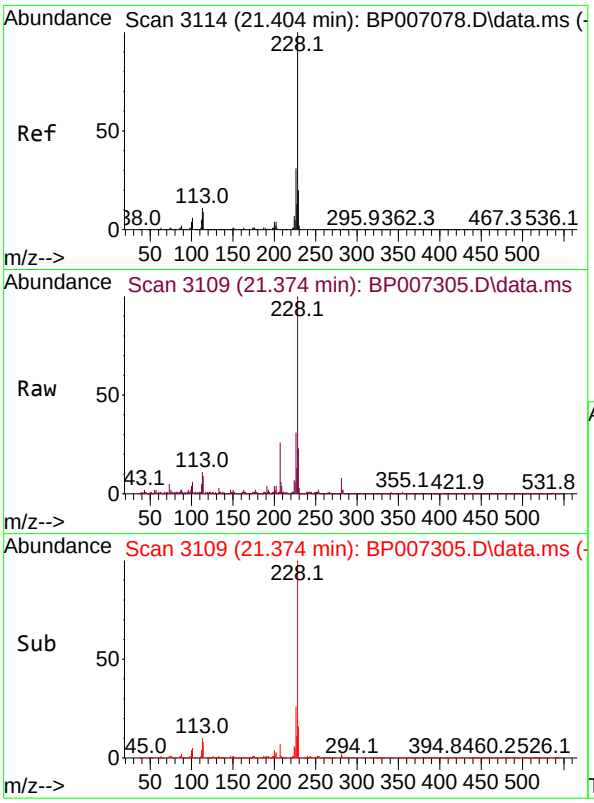
#81
Benzo(a)anthracene
Concen: 8.072 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:228 Resp: 512141

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.6	32.4
229	21.0	15.8	23.6



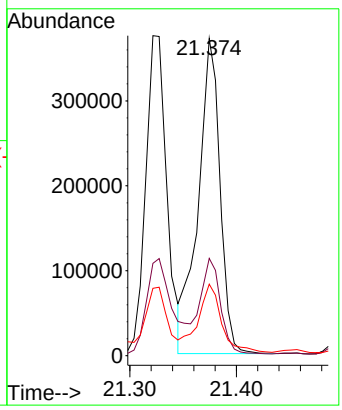
Instrument :
BNA_P
ClientSampleId :
369

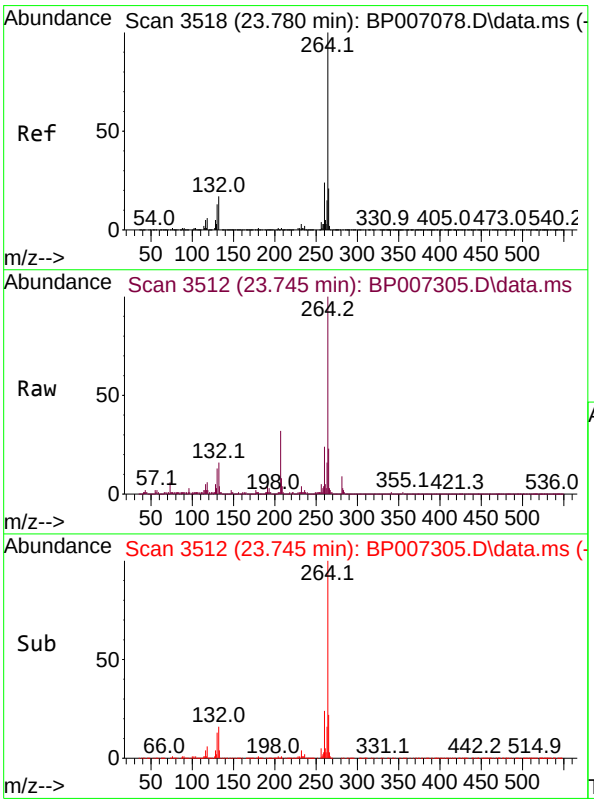


#83
Chrysene
Concen: 8.753 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:228 Resp: 530807

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	22.6	15.4	23.2

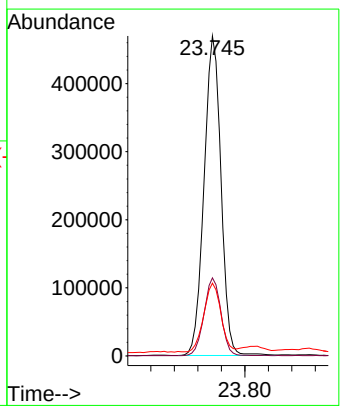




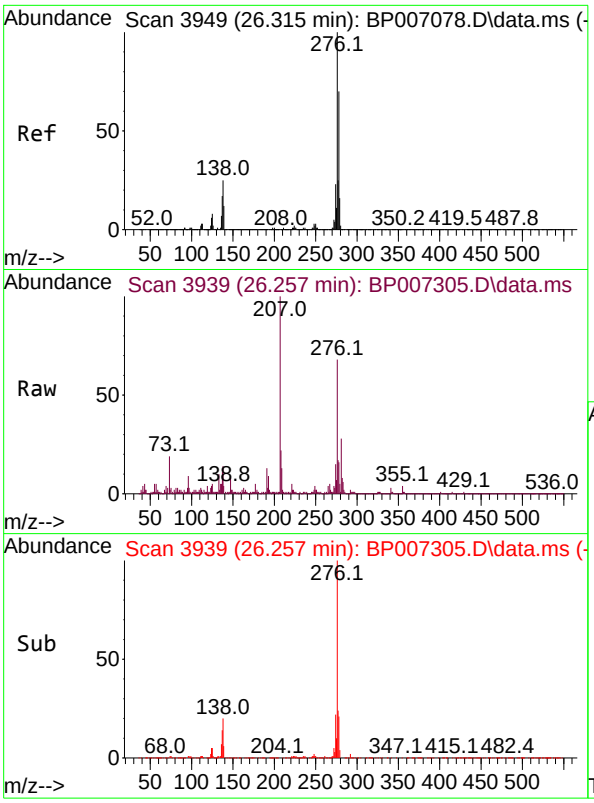
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 3512
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:264 Resp: 936241

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	22.7	17.6	26.4



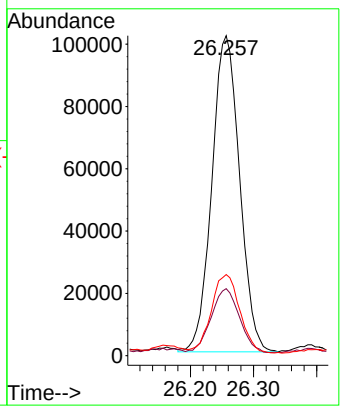
Instrument :
BNA_P
ClientSampleId :
369

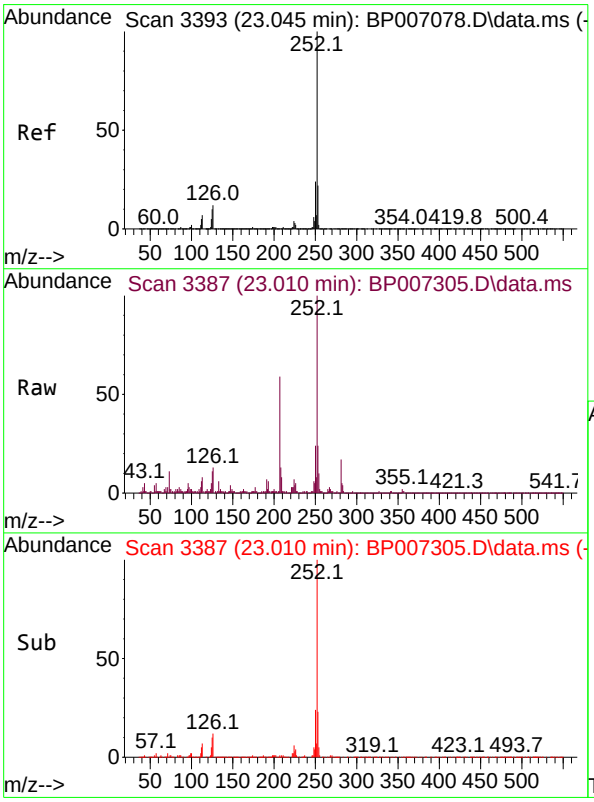


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.605 ng
RT: 26.257 min Scan# 3939
Delta R.T. -0.011 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:276 Resp: 309844

Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.3	22.9
277	25.4	20.4	30.6

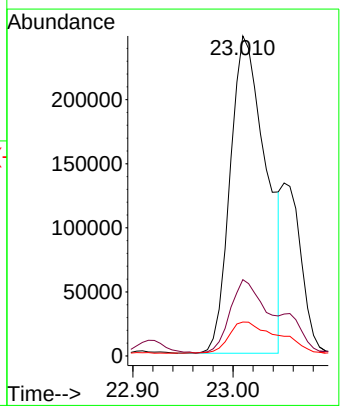




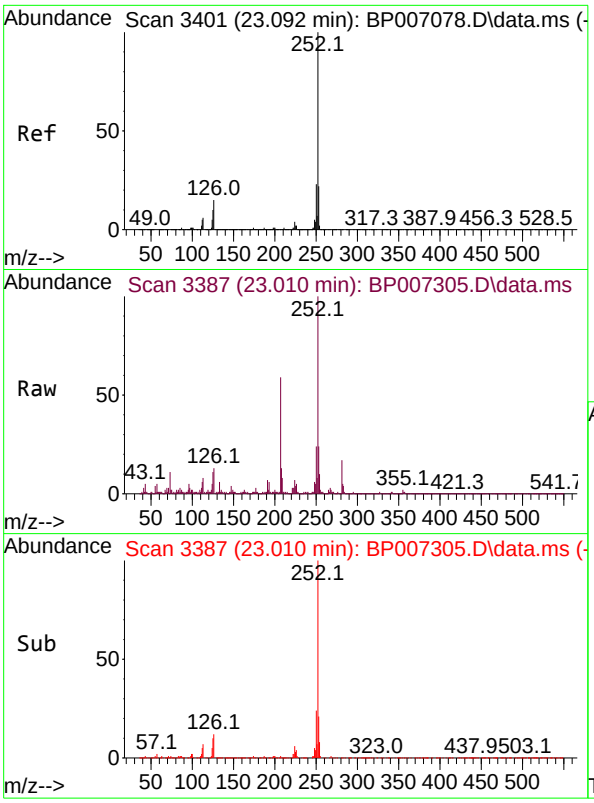
#88
Benzo(b)fluoranthene
Concen: 11.067 ng
RT: 23.010 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:252 Resp: 619231

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	10.6	6.2	9.4#



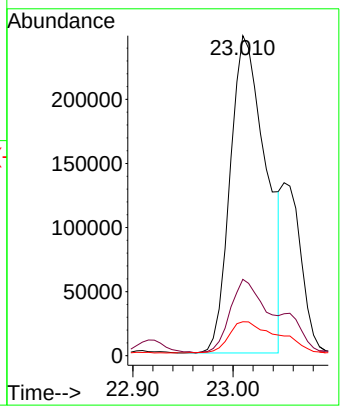
Instrument :
BNA_P
ClientSampleId :
369

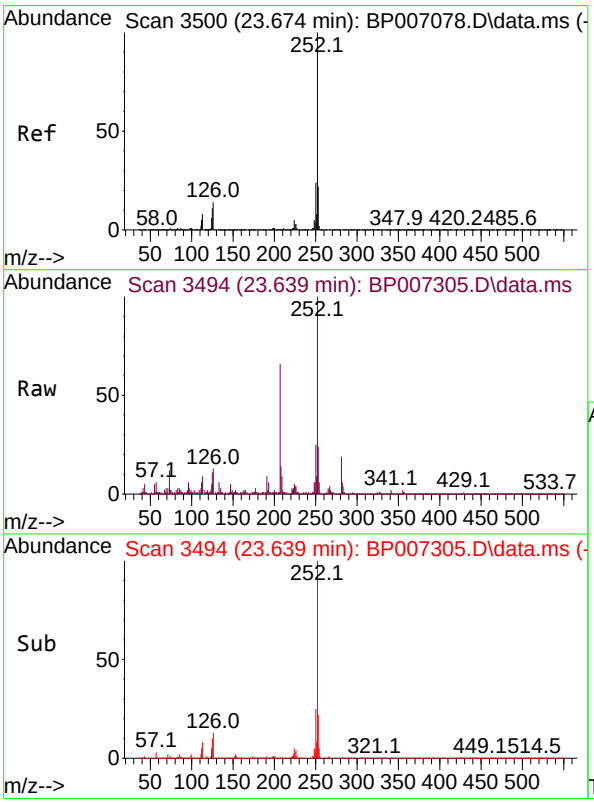


#89
Benzo(k)fluoranthene
Concen: 10.931 ng
RT: 23.010 min Scan# 3387
Delta R.T. -0.047 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:252 Resp: 619231

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	10.6	6.0	9.0#

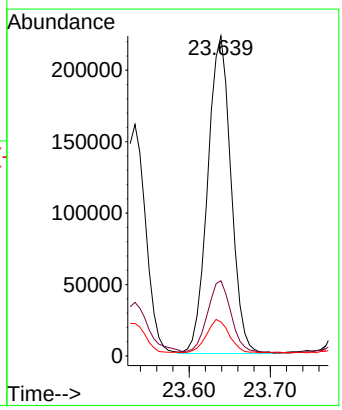


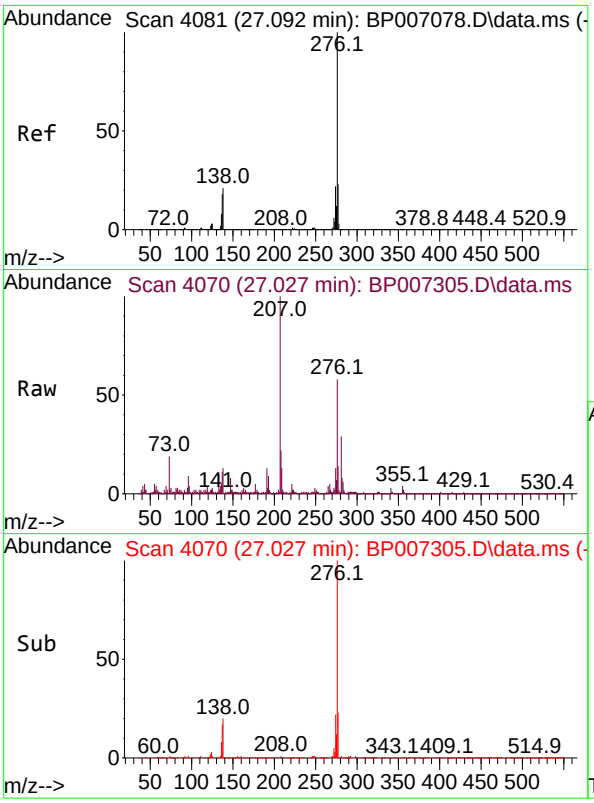


#90
Benzo(a)pyrene
Concen: 9.344 ng
RT: 23.639 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:252 Resp: 444191

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	10.6	6.5	9.7#

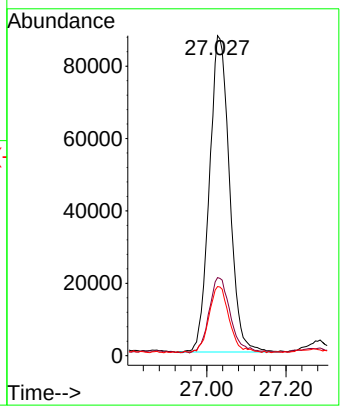




#92
Benzo(g,h,i)perylene
Concen: 5.591 ng
RT: 27.027 min Scan# 4070
Delta R.T. -0.017 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:276 Resp: 307653

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	21.6	12.6	18.8#



Instrument :
BNA_P
ClientSampleId :
369