Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
Data File : BP005124.D
Acq On : 31 Mar 2021 13:55
Operator : CG/JU
Sample : M1823-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MK-3-29-B1

Quant Time: Mar 31 14:26:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 10:07:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	41486	20.00	ng		0.00
21) Naphthalene-d8	10.504	136	154874	20.00	ng	#	0.00
39) Acenaphthene-d10	14.369	164	100695	20.00	ng		0.00
64) Phenanthrene-d10	17.128	188	196972	20.00	ng	#	0.00
76) Chrysene-d12	21.227	240	220305	20.00	ng		0.00
86) Perylene-d12	23.515	264	239178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	97682	36.24	ng		0.00
7) Phenol-d6	6.893	99	129979	33.66	ng		0.00
23) Nitrobenzene-d5	8.875	82	83631	23.17	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	54381	41.45	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	181579	24.39	ng		0.00
79) Terphenyl-d14	19.704	244	279086	23.06	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.175	178	123265	10.79	ng		99
72) Anthracene	17.263	178	53083	4.76	ng		97
75) Fluoranthene	19.151	202	256641	19.10	ng		99
78) Pyrene	19.504	202	244042	16.12	ng		98
81) Benzo(a)anthracene	21.210	228	155304	10.38	ng		98
83) Chrysene	21.210	228	155304	10.57	ng		95
87) Indeno(1,2,3-cd)pyrene	25.862	276	101011	5.63	ng	#	91
88) Benzo(b)fluoranthene	22.821	252	188422	11.09	ng		93
89) Benzo(k)fluoranthene	22.821	252	188422	11.58	ng		94
90) Benzo(a)pyrene	23.415	252	153063	10.05	ng		95
92) Benzo(g,h,i)perylene	26.586	276	100821	6.74	ng		96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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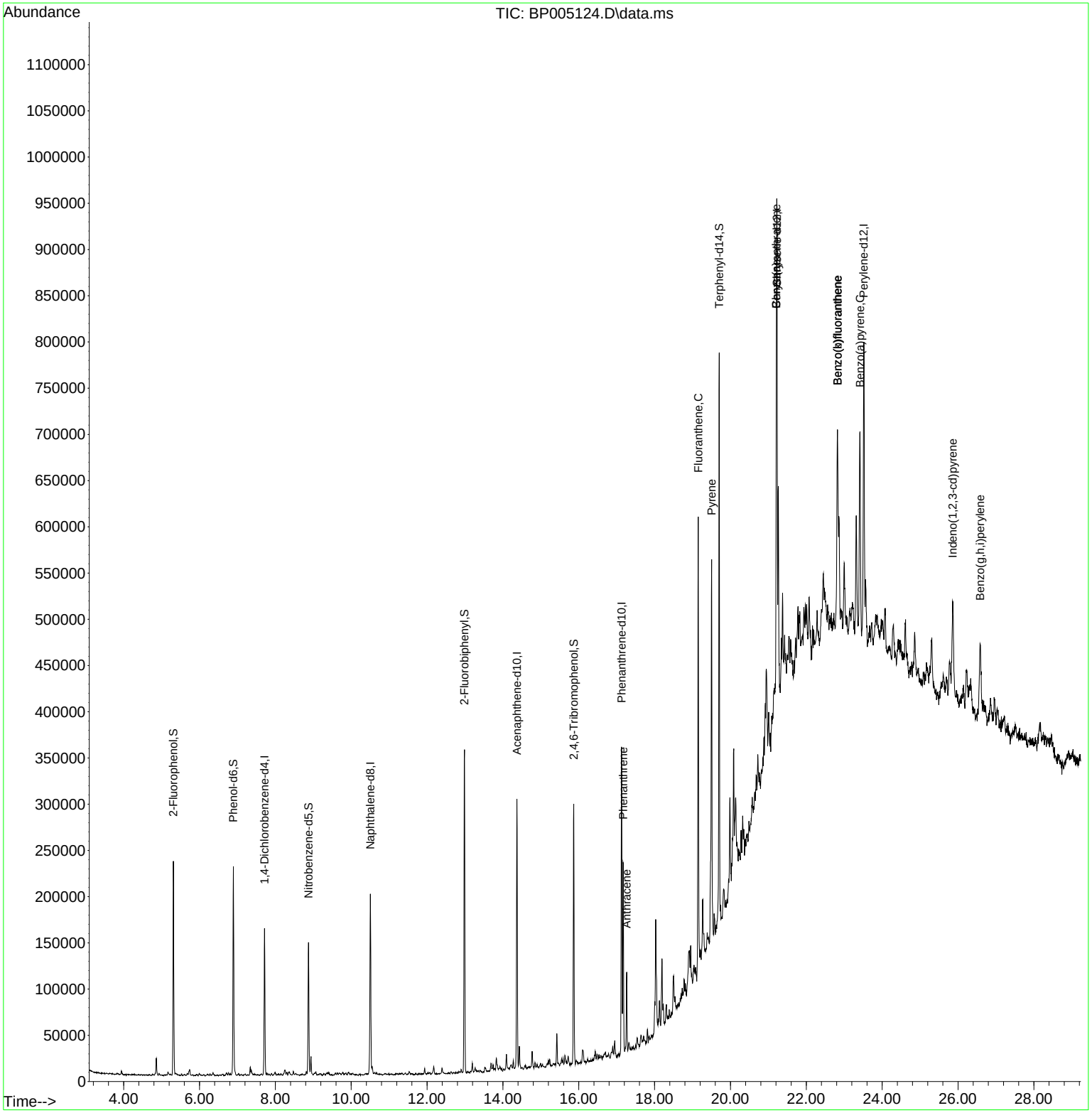
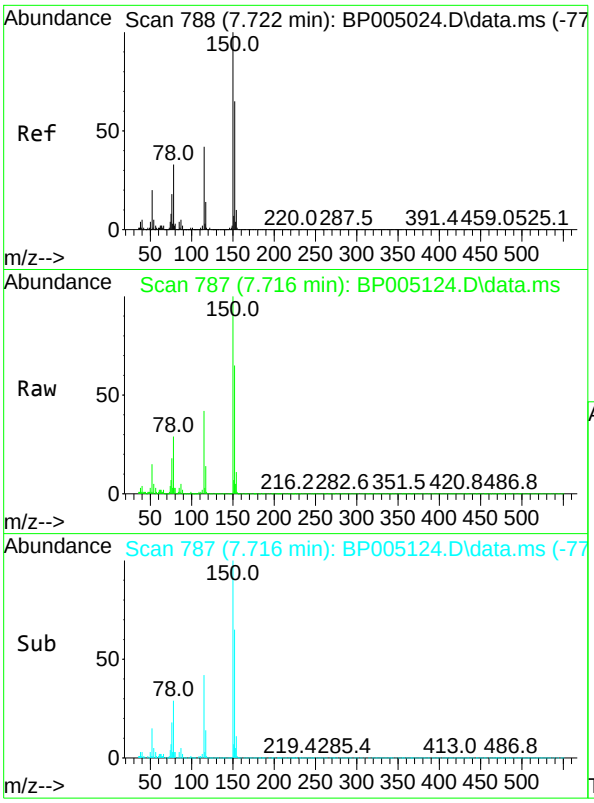


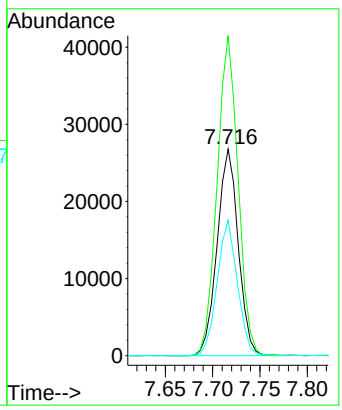
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1

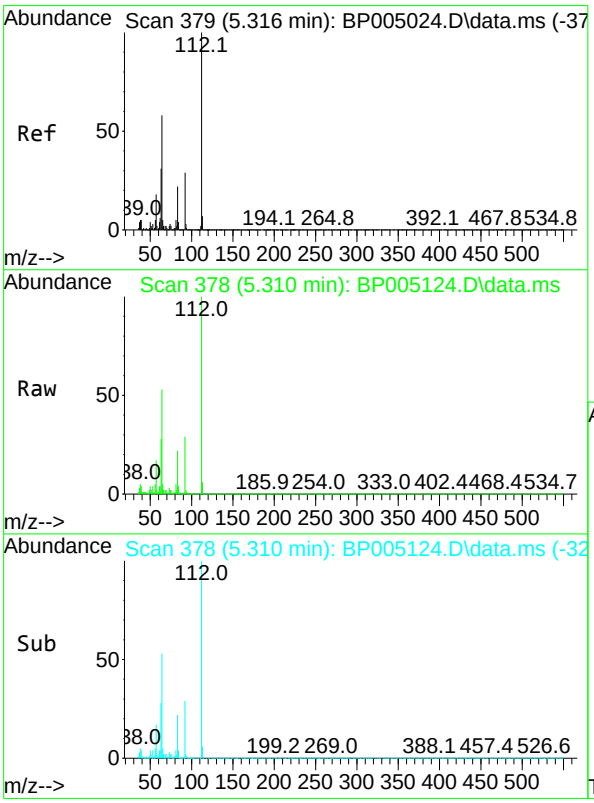


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:152 Resp: 41486

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	65.6	43.8	65.6

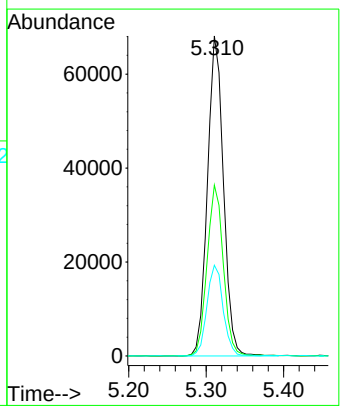




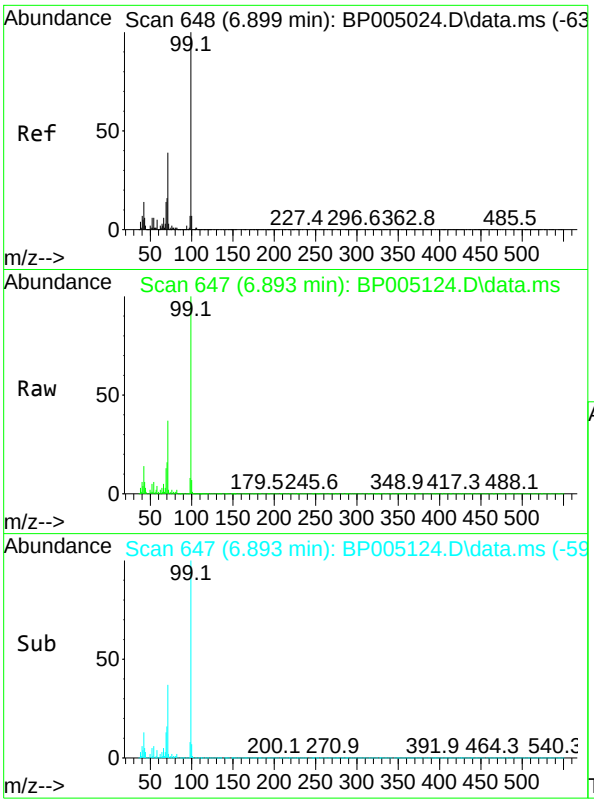
#5
2-Fluorophenol
Concen: 36.24 ng
RT: 5.310 min Scan# 378
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:112 Resp: 97682

Ion	Ratio	Lower	Upper
112	100		
64	53.4	32.8	49.2#
63	28.4	17.0	25.4#



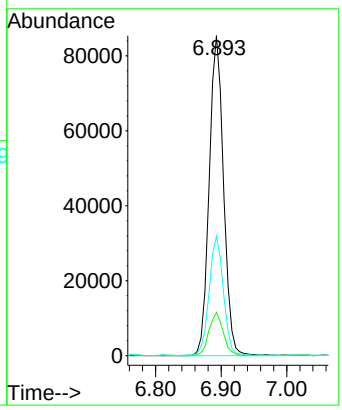
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1

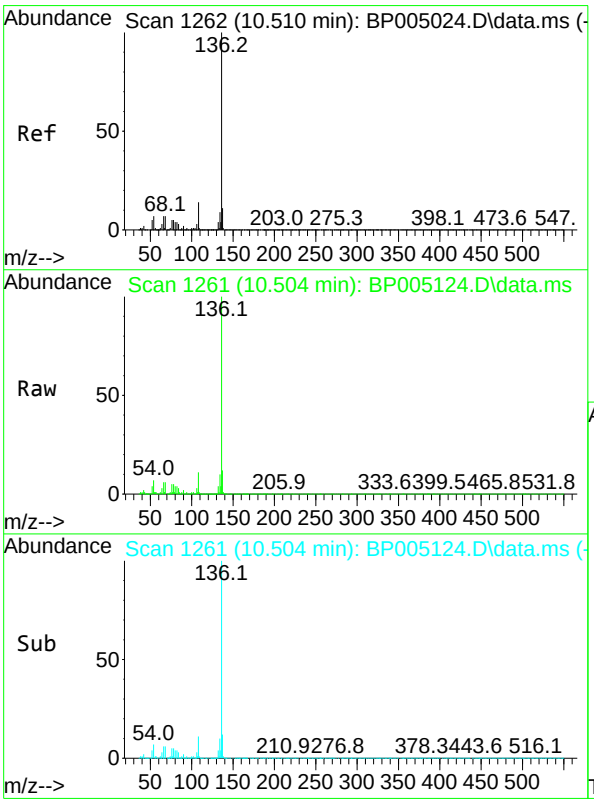


#7
Phenol-d6
Concen: 33.66 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion: 99 Resp: 129979

Ion	Ratio	Lower	Upper
99	100		
42	13.5	8.6	13.0#
71	37.3	23.4	35.2#

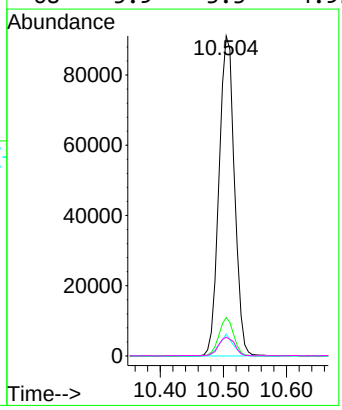




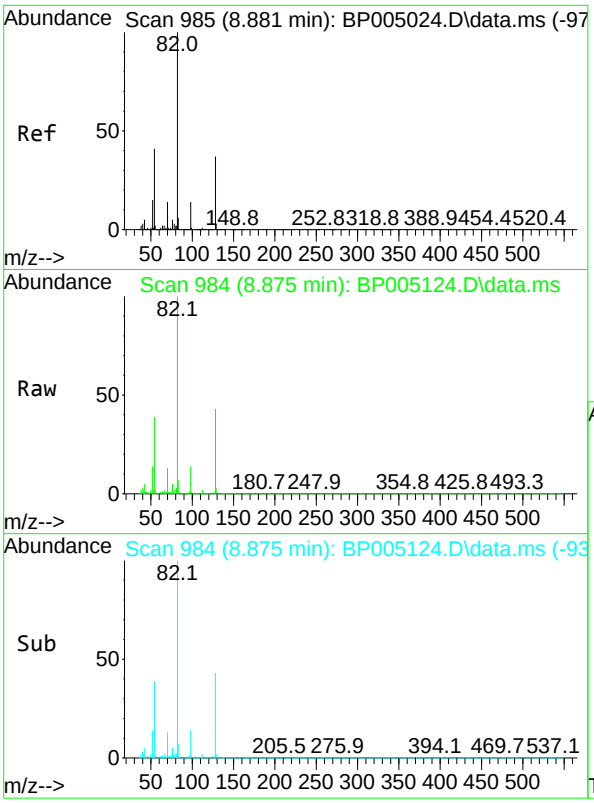
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:136 Resp: 154874

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.6	13.0
54	6.9	3.6	5.4#
68	5.9	3.3	4.9#



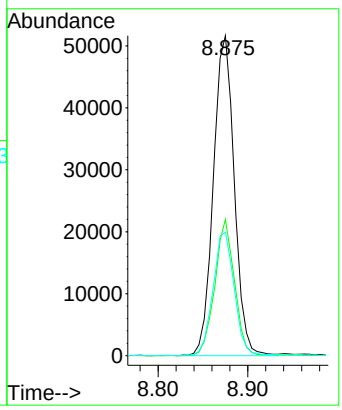
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1

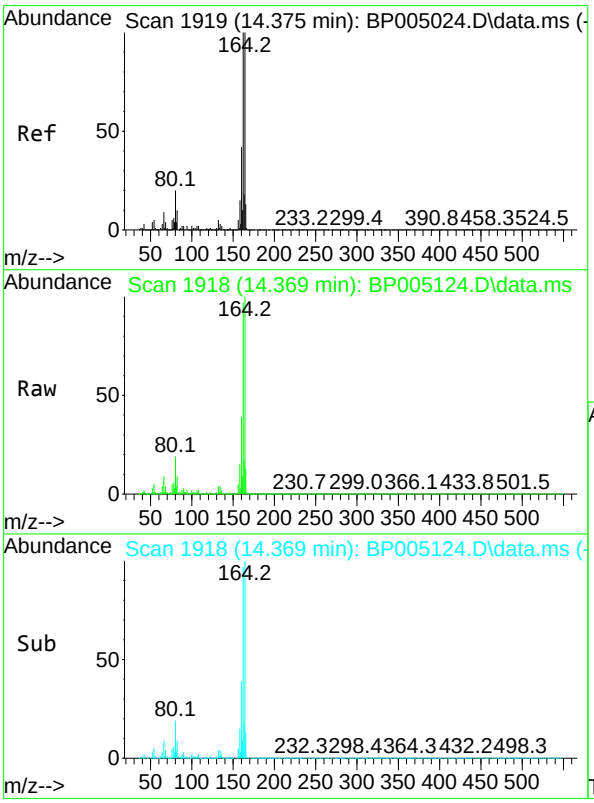


#23
Nitrobenzene-d5
Concen: 23.17 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion: 82 Resp: 83631

Ion	Ratio	Lower	Upper
82	100		
128	42.6	45.6	68.4#
54	38.6	30.1	45.1

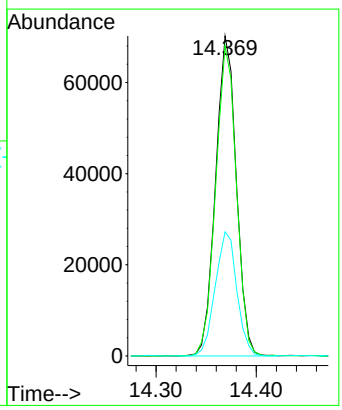




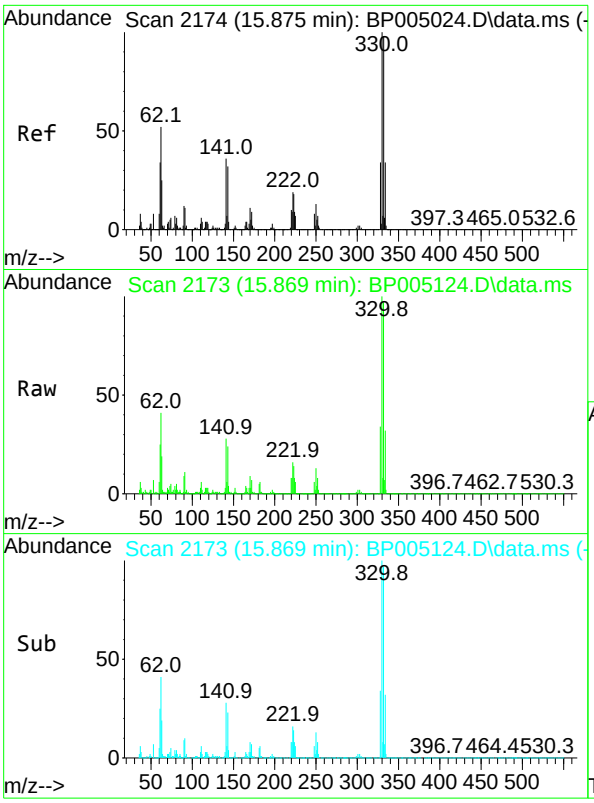
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:164 Resp: 100695

Ion	Ratio	Lower	Upper
164	100		
162	96.9	79.4	119.2
160	38.8	36.1	54.1



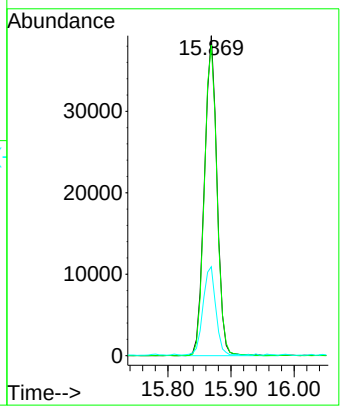
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1

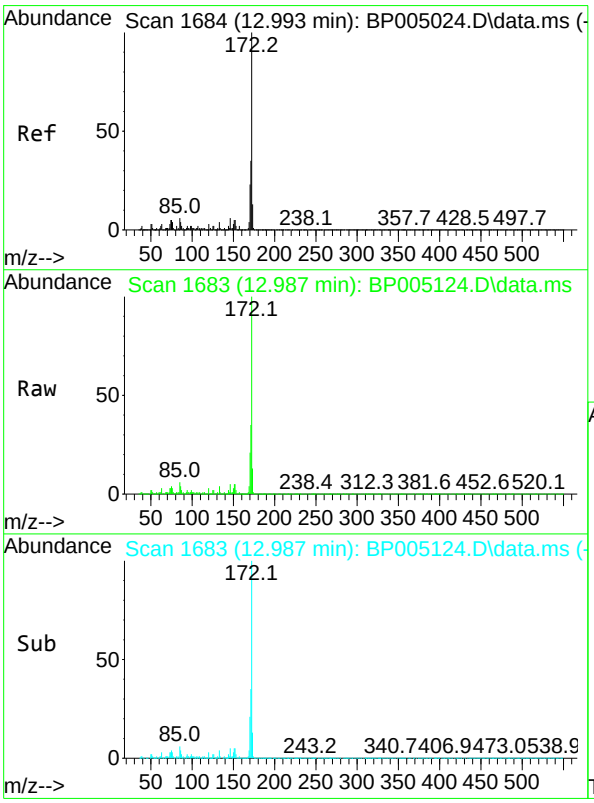


#42
2,4,6-Tribromophenol
Concen: 41.45 ng
RT: 15.869 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:330 Resp: 54381

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	28.0	23.4	35.2

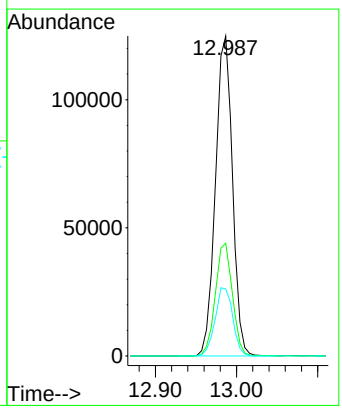




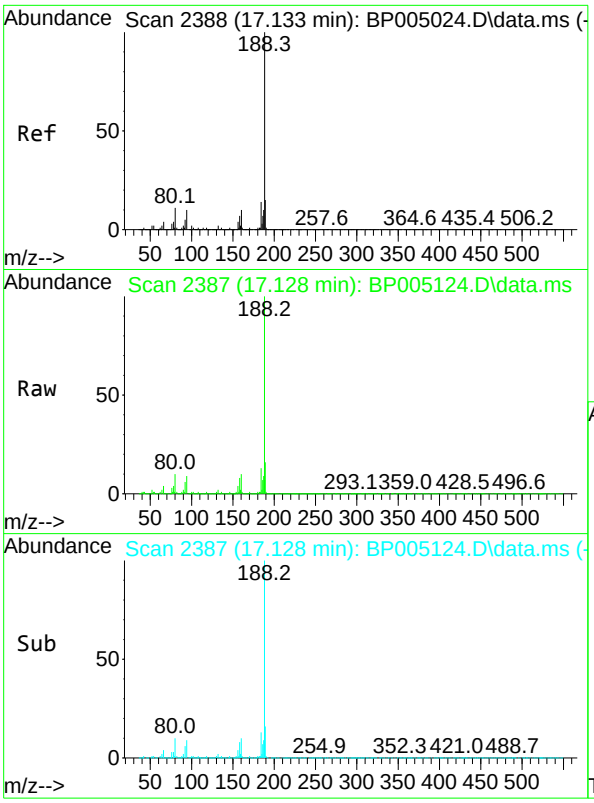
#45
2-Fluorobiphenyl
Concen: 24.39 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:172 Resp: 181579

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	21.0	19.2	28.8



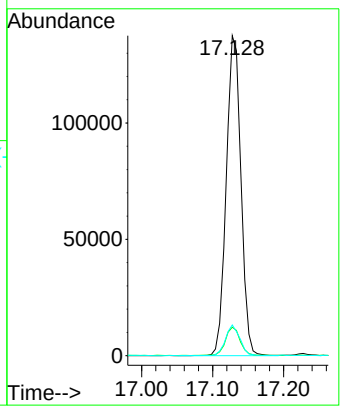
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1

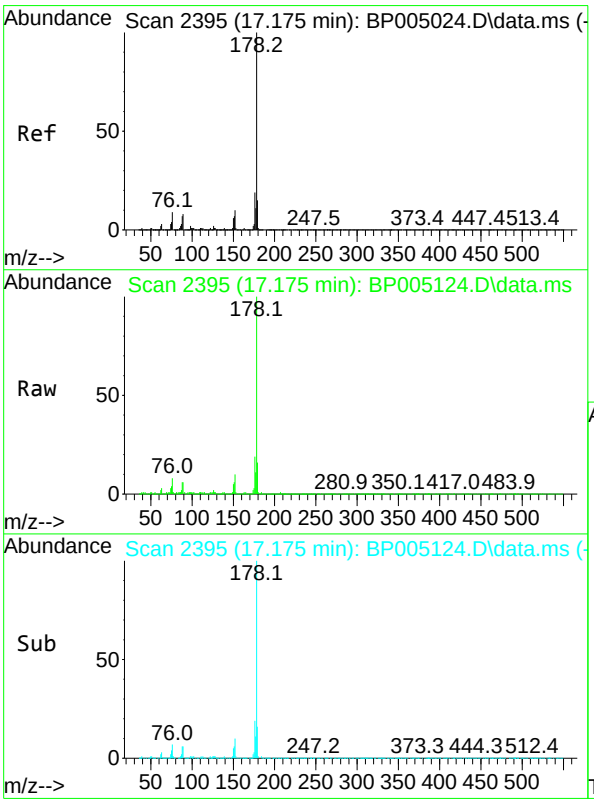


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.128 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:188 Resp: 196972

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.2	9.2
80	9.6	6.2	9.2#

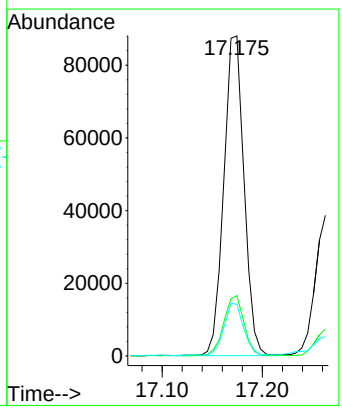




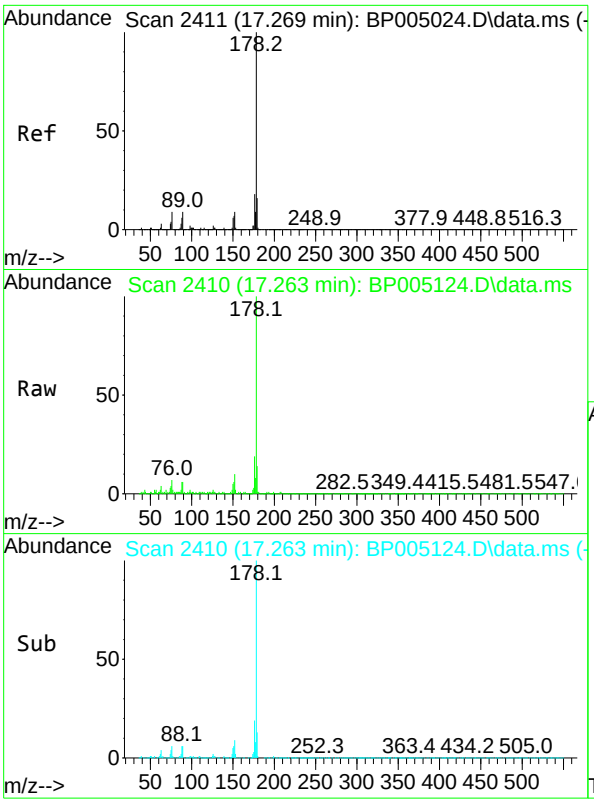
#71
Phenanthrene
Concen: 10.79 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:178 Resp: 123265

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.1	12.5	18.7



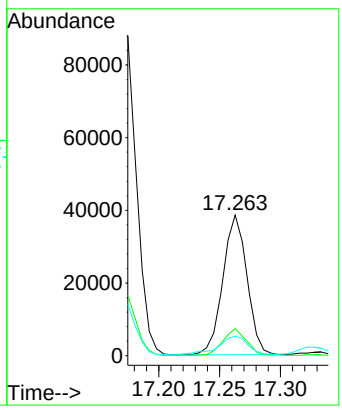
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1

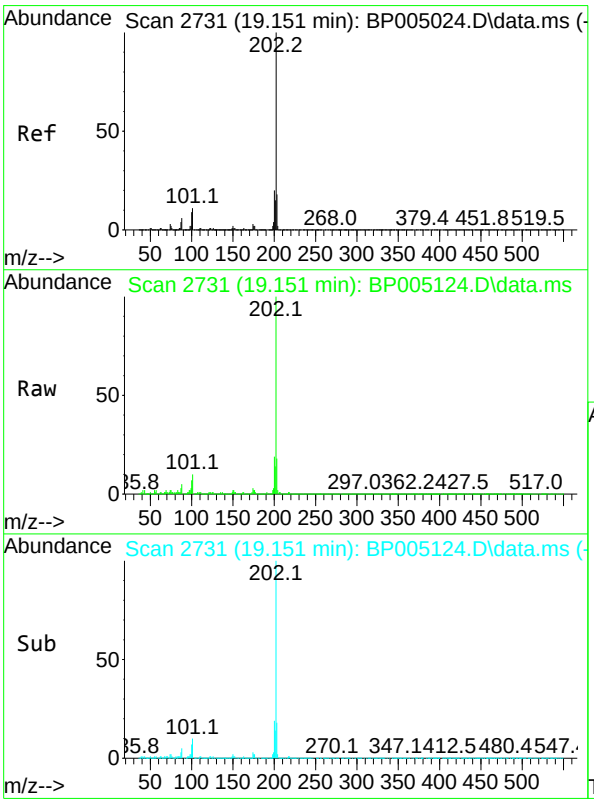


#72
Anthracene
Concen: 4.76 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:178 Resp: 53083

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	13.8	12.5	18.7

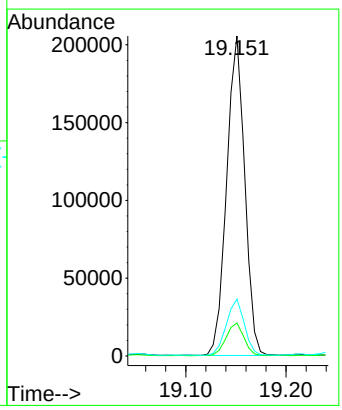


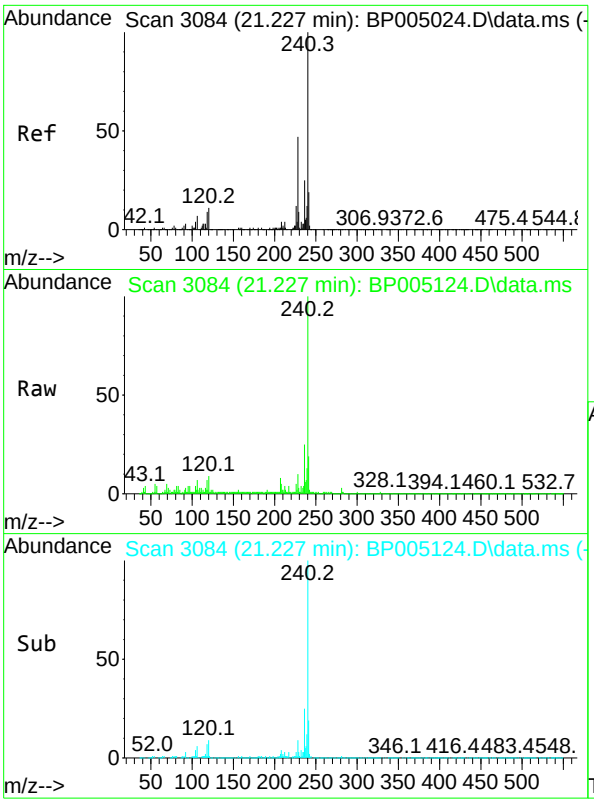


#75
Fluoranthene
Concen: 19.10 ng
RT: 19.151 min Scan# 2731
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:202 Resp: 256641

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.4
203	17.8	0.0	37.8

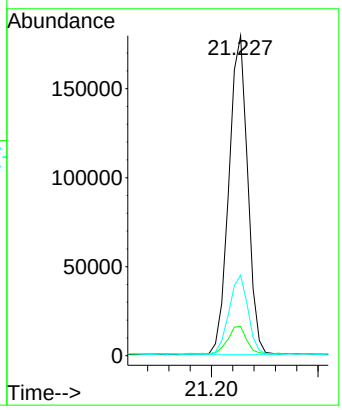




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.227 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:240 Resp: 220305

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.8	11.6
236	25.2	20.8	31.2



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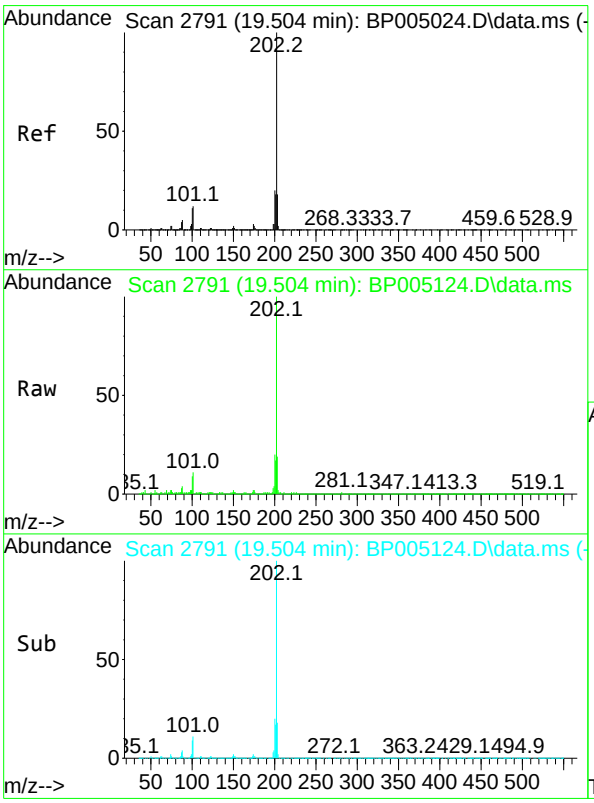
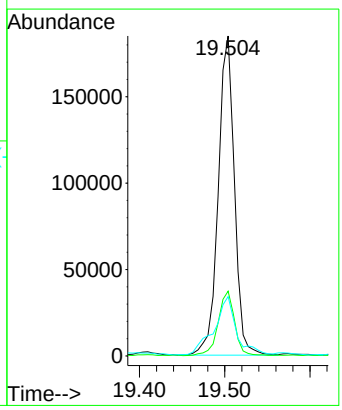


#78
Pyrene
Concen: 16.12 ng
RT: 19.504 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:202 Resp: 244042

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.1	25.7
203	18.5	14.2	21.2



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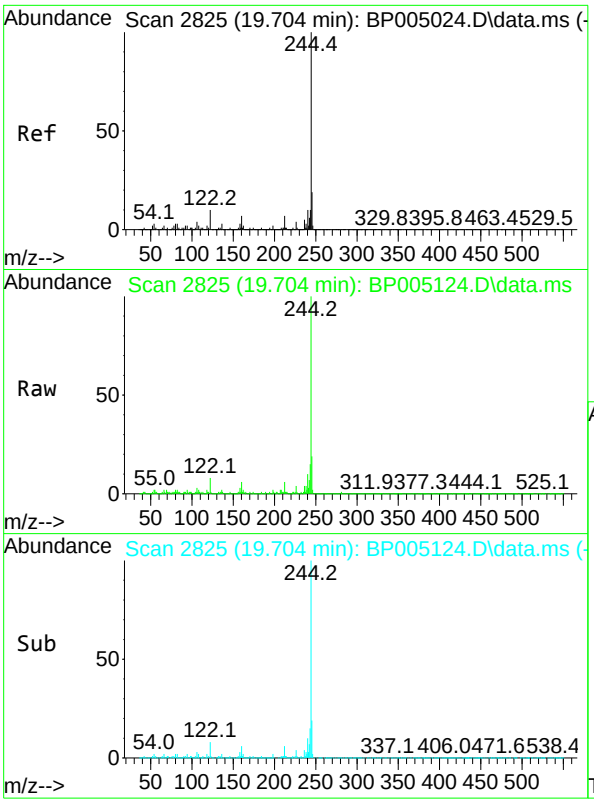
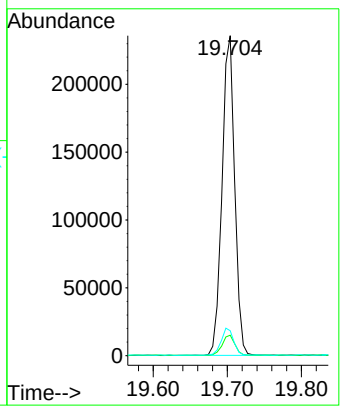
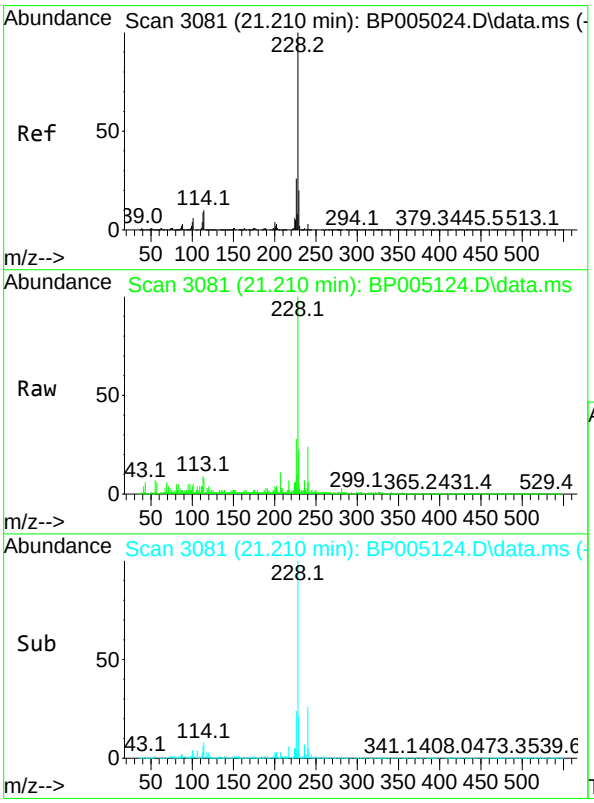


#79
Terphenyl-d14
Concen: 23.06 ng
RT: 19.704 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:244 Resp: 279086

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	7.8	7.8	11.8#

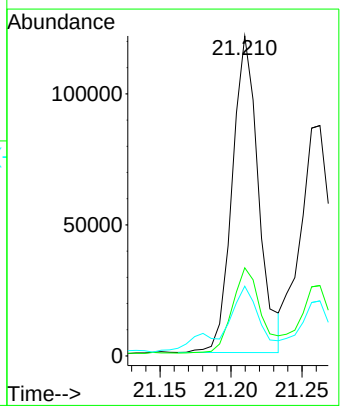




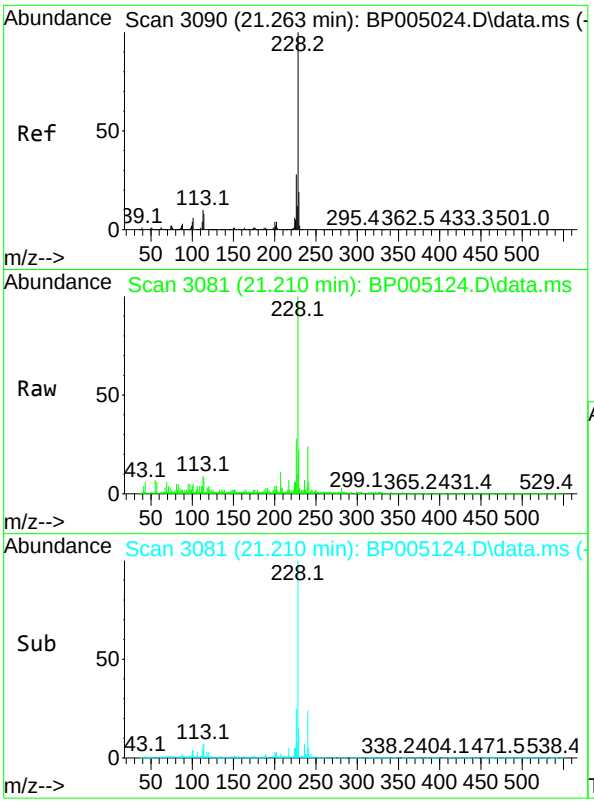
#81
Benzo(a)anthracene
Concen: 10.38 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:228 Resp: 155304

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	21.8	15.9	23.9



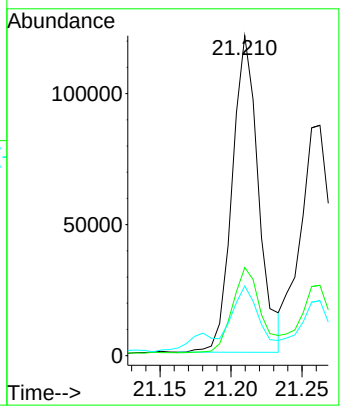
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1

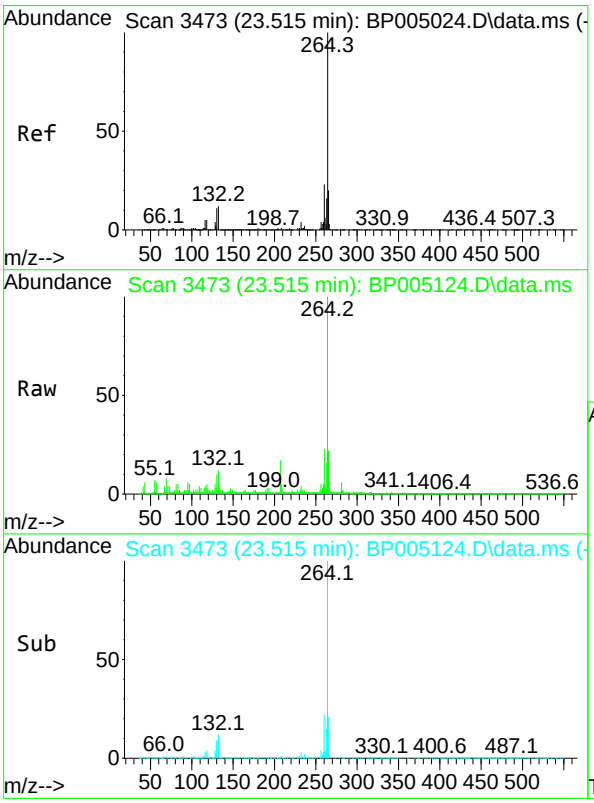


#83
Chrysene
Concen: 10.57 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.059 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:228 Resp: 155304

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.4	36.6
229	21.8	15.8	23.6

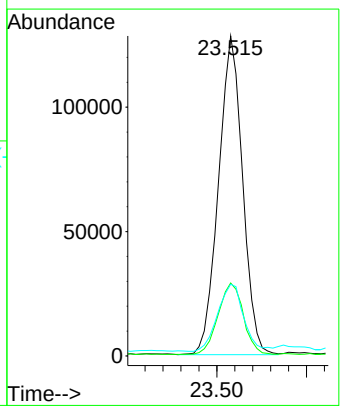




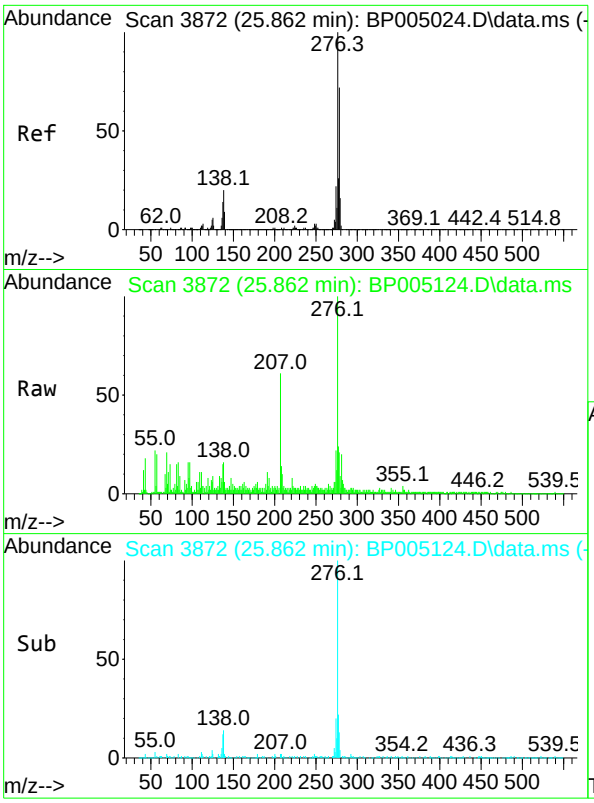
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:264 Resp: 239178

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	22.4	17.4	26.2



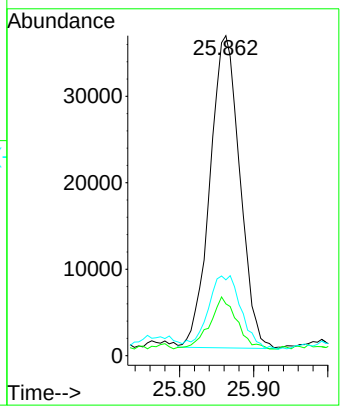
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1

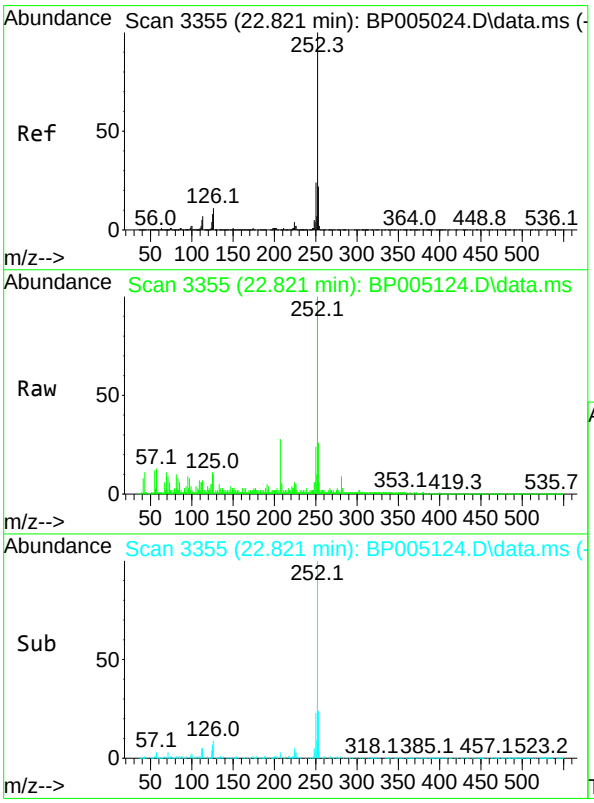


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.63 ng
RT: 25.862 min Scan# 3872
Delta R.T. -0.012 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:276 Resp: 101011

Ion	Ratio	Lower	Upper
276	100		
138	15.3	18.7	28.1#
277	26.3	20.4	30.6

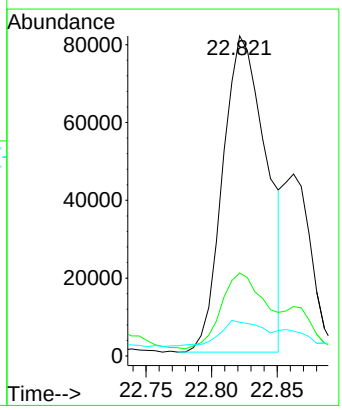




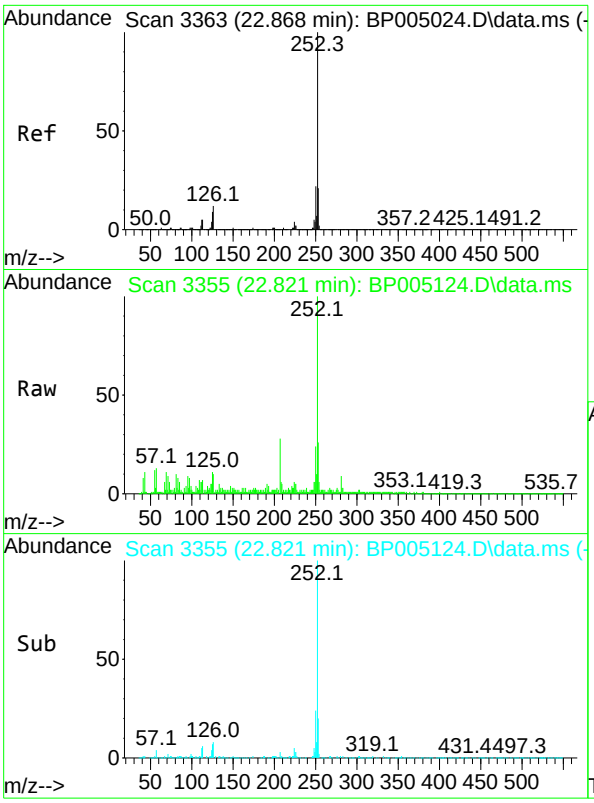
#88
Benzo(b)fluoranthene
Concen: 11.09 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:252 Resp: 188422

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.6	26.4
125	10.6	7.3	10.9



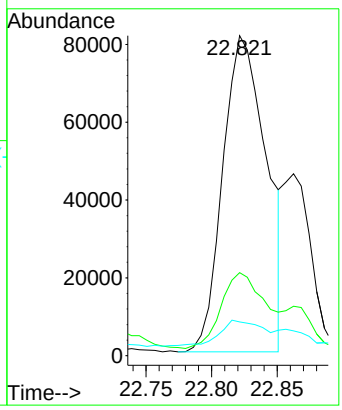
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1

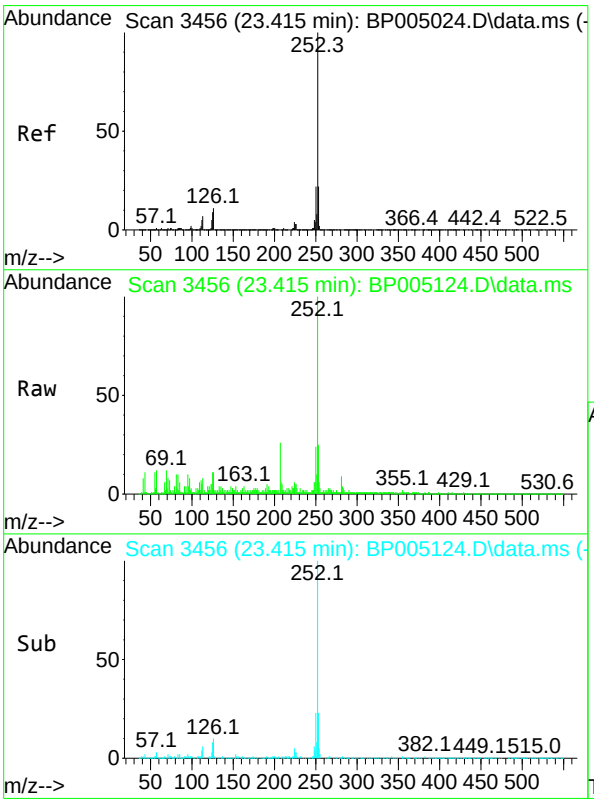


#89
Benzo(k)fluoranthene
Concen: 11.58 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.053 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:252 Resp: 188422

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.8
125	10.6	7.4	11.2

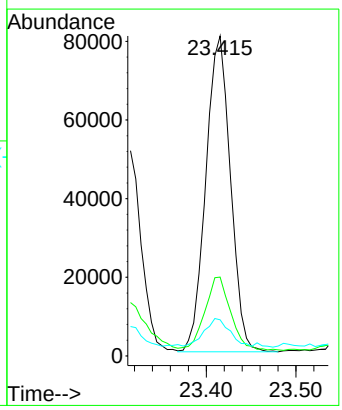


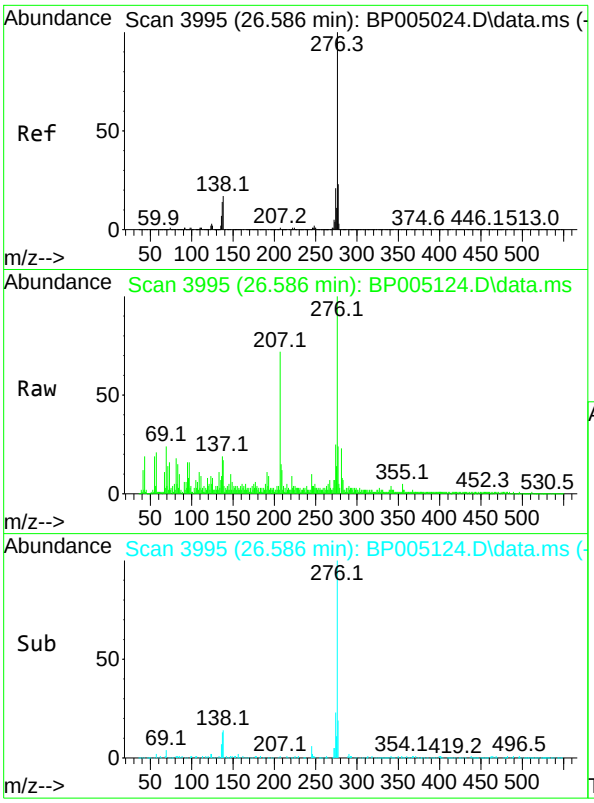


#90
Benzo(a)pyrene
Concen: 10.05 ng
RT: 23.415 min Scan# 3456
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:252 Resp: 153063

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	11.3	8.2	12.4

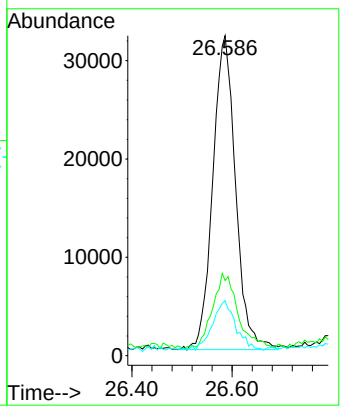




#92
Benzo(g,h,i)perylene
Concen: 6.74 ng
RT: 26.586 min Scan# 3995
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:276 Resp: 100821

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	17.2	16.6	24.8



Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1