Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003916.D
Acq On : 10 Nov 2020 22:59
Operator : CG/JU
Sample : L4589-01DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-110620DL

Quant Time: Nov 11 00:15:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:41:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	191412	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	682827	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	371816	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	658363	20.00	ng	0.00
76) Chrysene-d12	21.663	240	630902	20.00	ng	0.00
86) Perylene-d12	24.139	264	681535	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	84054	7.33	ng	0.00
7) Phenol-d6	7.452	99	108137	6.57	ng	0.00
23) Nitrobenzene-d5	9.440	82	57208	4.10	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	24337	5.23	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	117725	4.43	ng	0.00
79) Terphenyl-d14	20.127	244	142773	4.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.375	77	105	Below Cal	#	69
32) Benzoic acid	10.440	122	31	8.31	ng #	18
49) Acenaphthylene	14.622	152	94161	2.71	ng	99
54) 2,4-Dinitrophenol	14.975	184	37	2.75	ng #	1
56) 4-Nitrophenol	15.292	139	20612	4.33	ng #	21
58) Fluorene	15.939	166	85085	3.09	ng	99
65) 4,6-Dinitro-2-methylph...	16.004	198	48	6.35	ng #	1
71) Phenanthrene	17.675	178	776187	21.01	ng	99
72) Anthracene	17.763	178	298461	8.36	ng	99
75) Fluoranthene	19.610	202	1813109	42.53	ng	100
78) Pyrene	19.957	202	1583161	36.98	ng	99
81) Benzo(a)anthracene	21.645	228	895071	21.51	ng	98
83) Chrysene	21.698	228	729300	18.24	ng	97
87) Indeno(1,2,3-cd)pyrene	26.692	276	463753	9.43	ng #	94
88) Benzo(b)fluoranthene	23.392	252	1332076	29.87	ng	97
89) Benzo(k)fluoranthene	23.392	252	1332076	30.25	ng	98
90) Benzo(a)pyrene	24.033	252	734769	17.80	ng	97
91) Dibenzo(a,h)anthracene	26.686	278	122896	3.00	ng	95
92) Benzo(g,h,i)perylene	27.480	276	428006	10.79	ng	96

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

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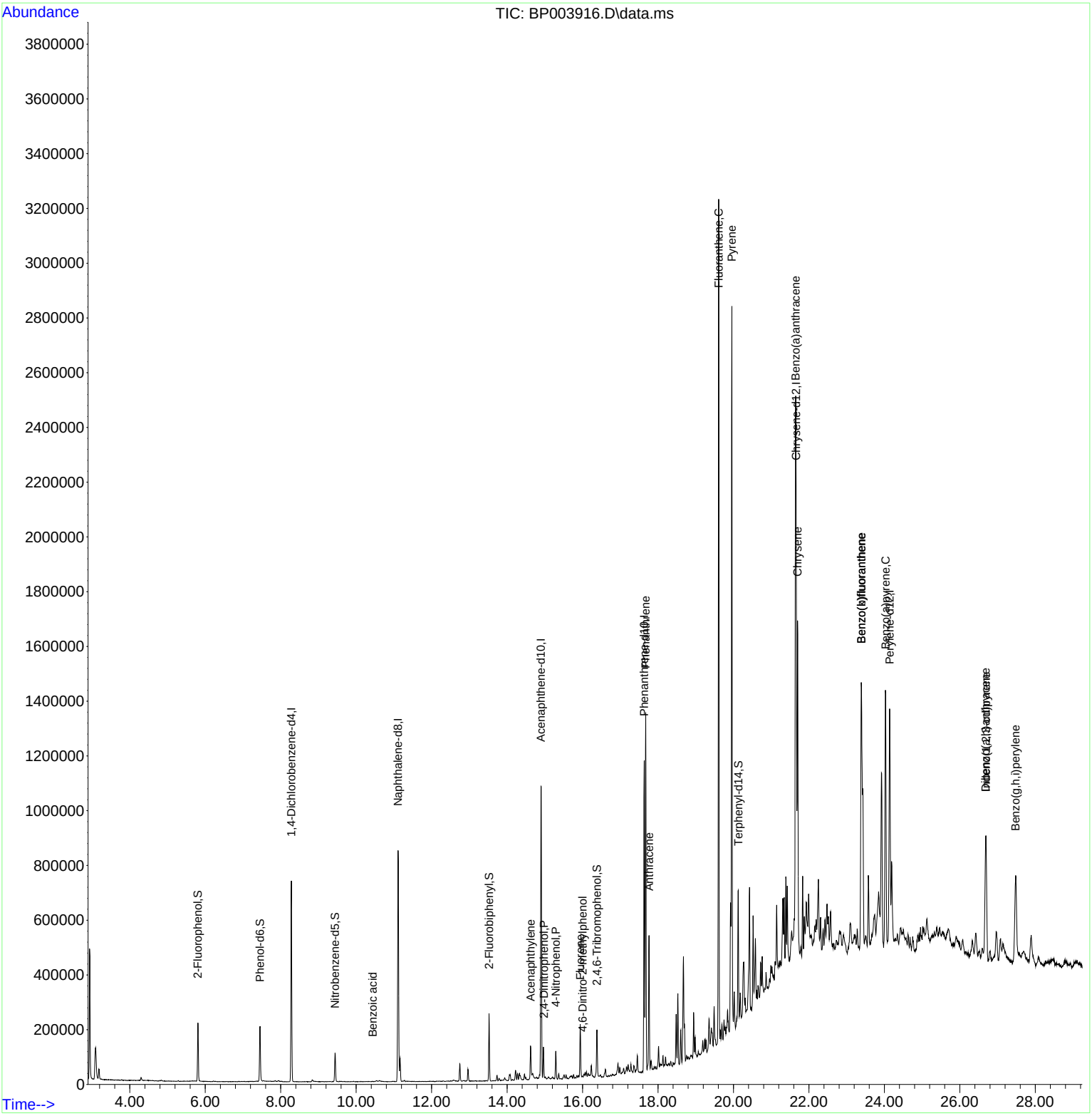
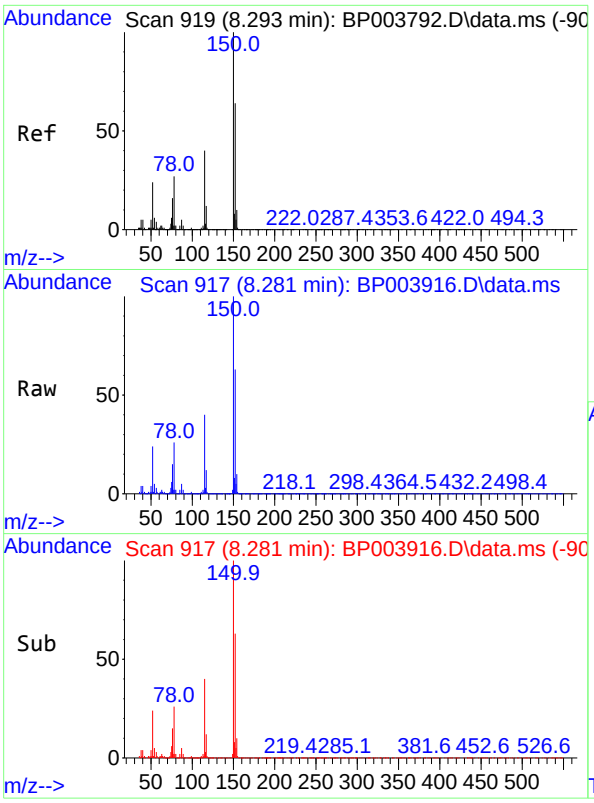
QLast Update : Tue Nov 10 13:41:24 2020
Response via : Initial Calibration



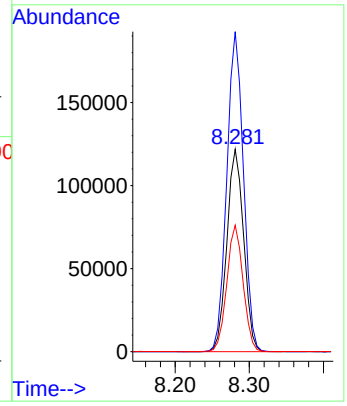
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

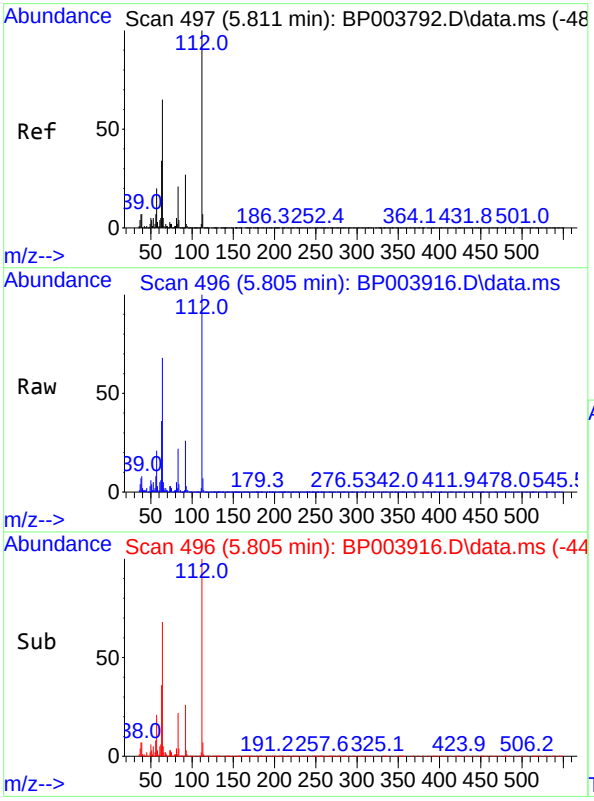


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:152 Resp: 191412

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.6
115	62.5	43.8	65.6

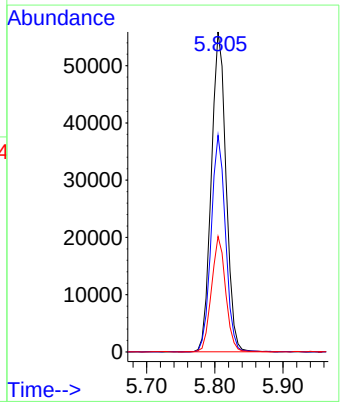




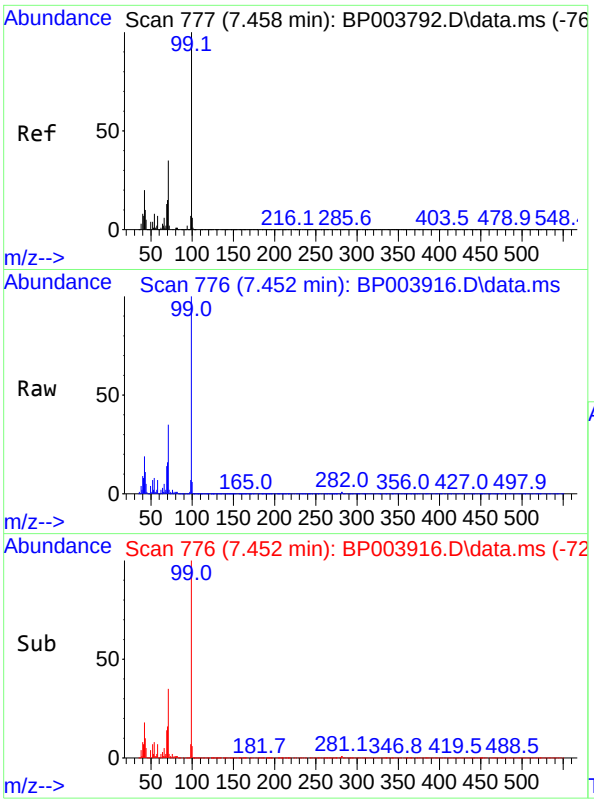
#5
2-Fluorophenol
Concen: 7.33 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:112 Resp: 84054

Ion	Ratio	Lower	Upper
112	100		
64	67.7	32.8	49.2#
63	36.1	17.0	25.4#



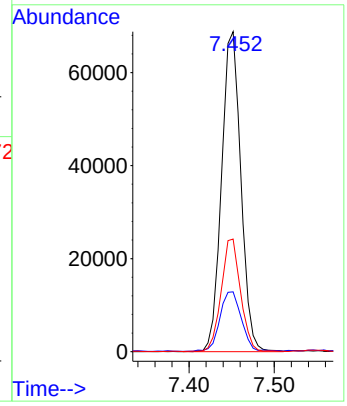
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

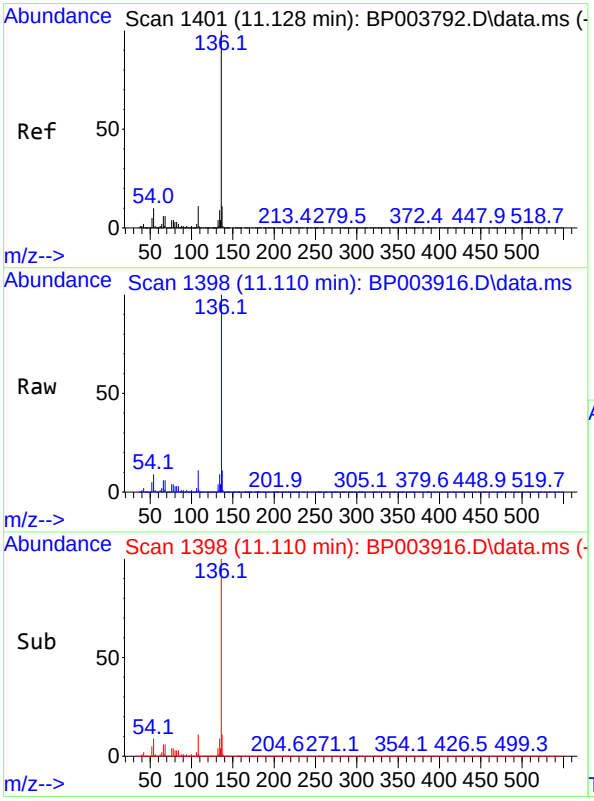


#7
Phenol-d6
Concen: 6.57 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion: 99 Resp: 108137

Ion	Ratio	Lower	Upper
99	100		
42	18.7	8.6	13.0#
71	35.2	23.4	35.2#

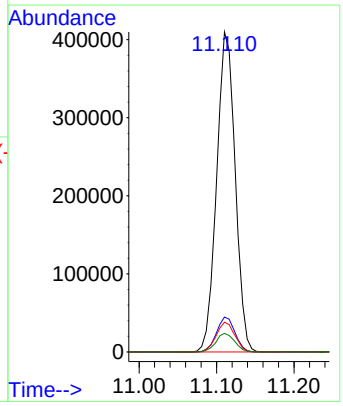




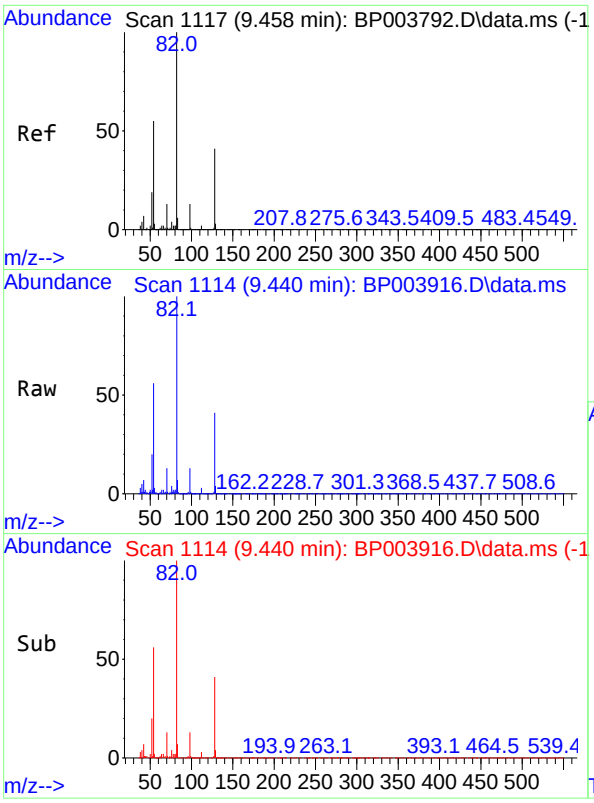
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:136 Resp: 682827

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.3	3.6	5.4#
68	5.8	3.3	4.9#



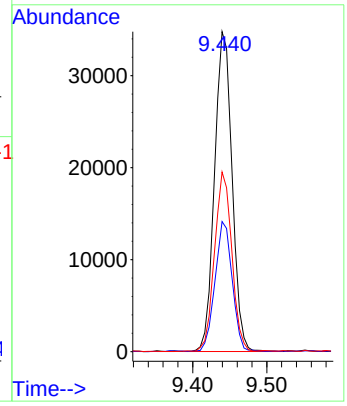
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

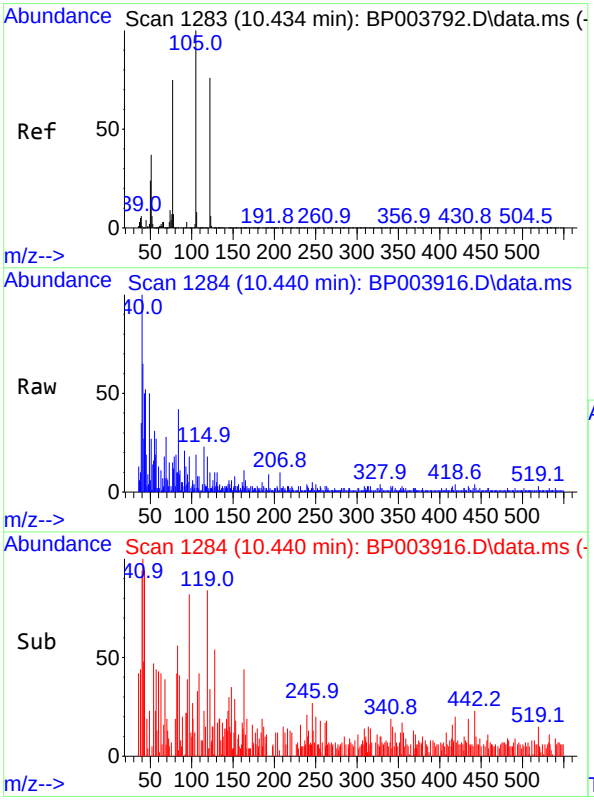


#23
Nitrobenzene-d5
Concen: 4.10 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion: 82 Resp: 57208

Ion	Ratio	Lower	Upper
82	100		
128	40.7	45.6	68.4#
54	56.2	30.1	45.1#

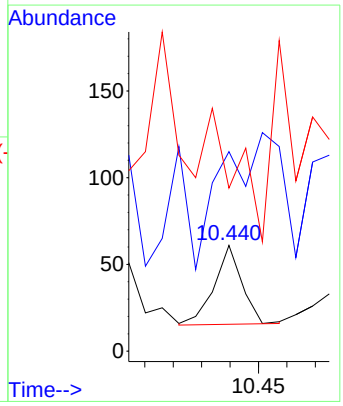




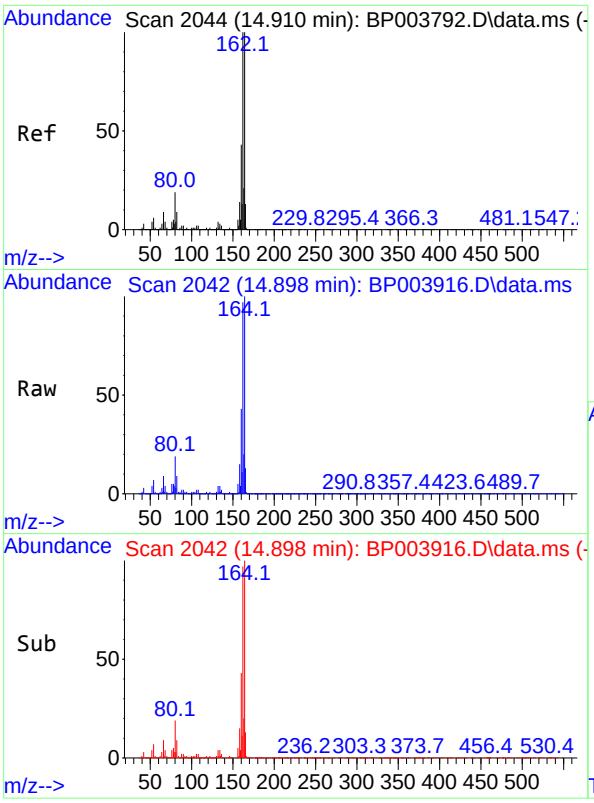
#32
Benzoic acid
Concen: 8.31 ng
RT: 10.440 min Scan# 1284
Delta R.T. 0.012 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:122 Resp: 31

Ion	Ratio	Lower	Upper
122	100		
105	188.5	94.1	134.1#
77	154.1	50.1	90.1#



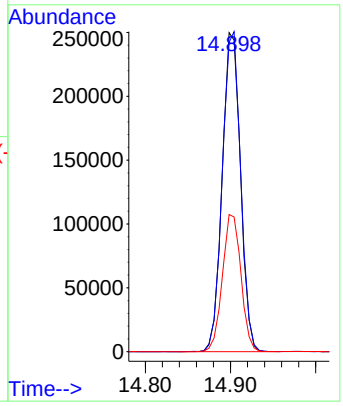
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

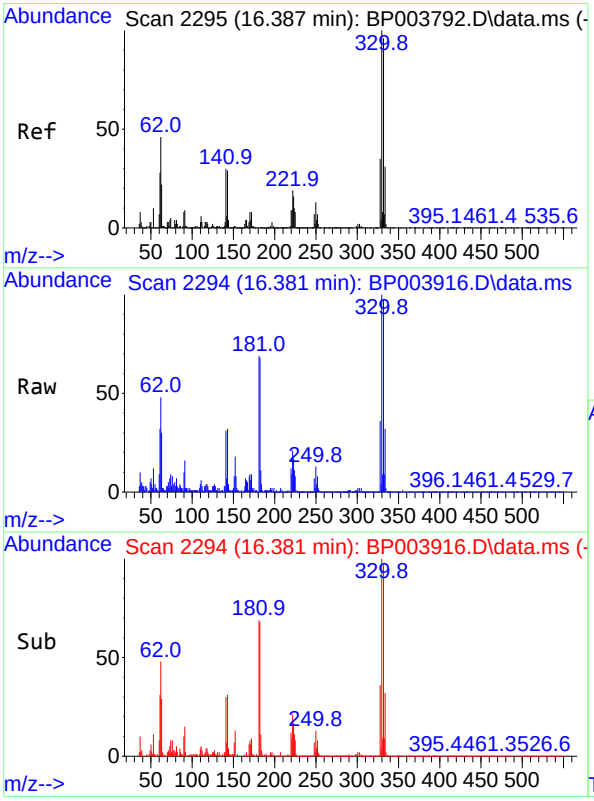


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:164 Resp: 371816

Ion	Ratio	Lower	Upper
164	100		
162	97.0	79.4	119.2
160	43.0	36.1	54.1

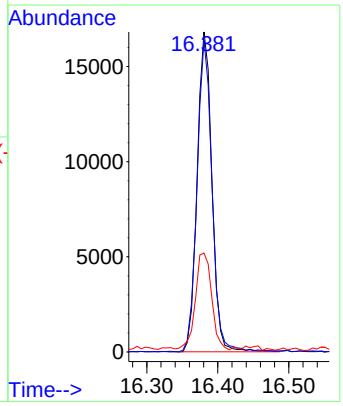




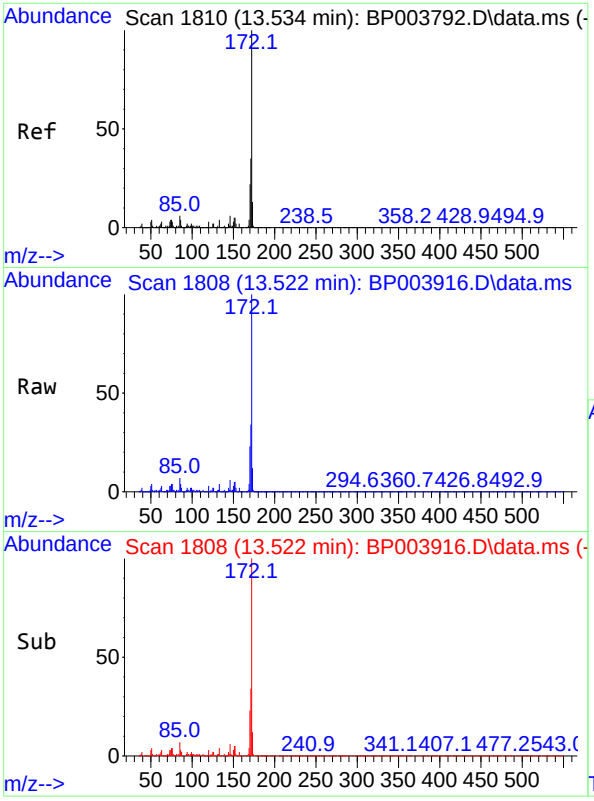
#42
2,4,6-Tribromophenol
Concen: 5.23 ng
RT: 16.381 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:330 Resp: 24337

Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.1	115.7
141	33.4	23.4	35.2



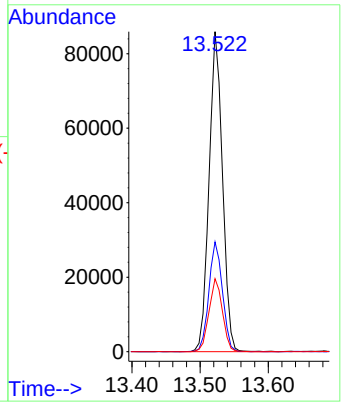
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

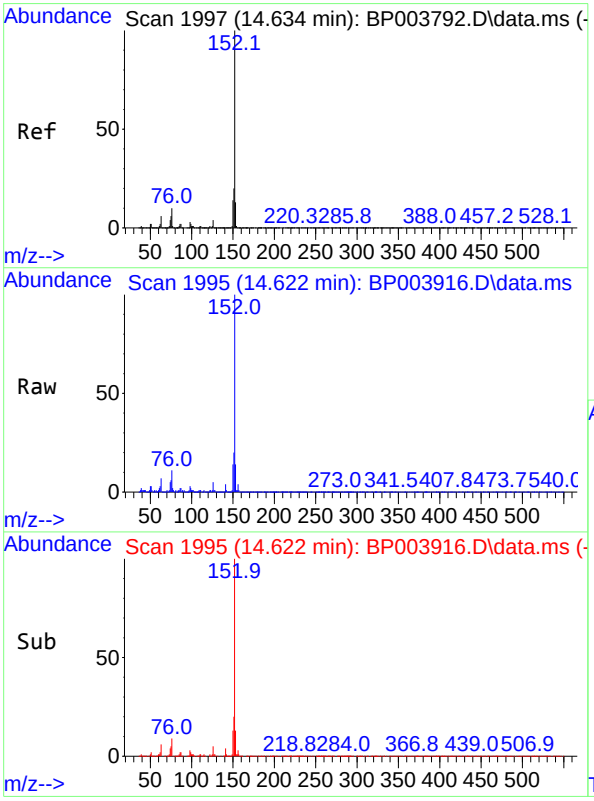


#45
2-Fluorobiphenyl
Concen: 4.43 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:172 Resp: 117725

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	22.8	19.2	28.8

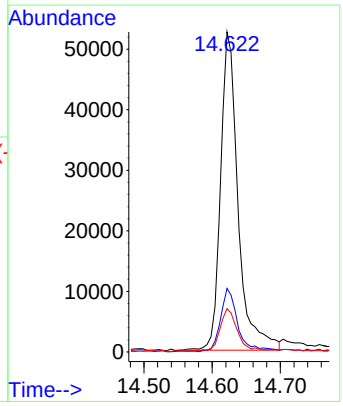




#49
Acenaphthylene
Concen: 2.71 ng
RT: 14.622 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:152 Resp: 94161

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.6	10.5	15.7



Instrument :
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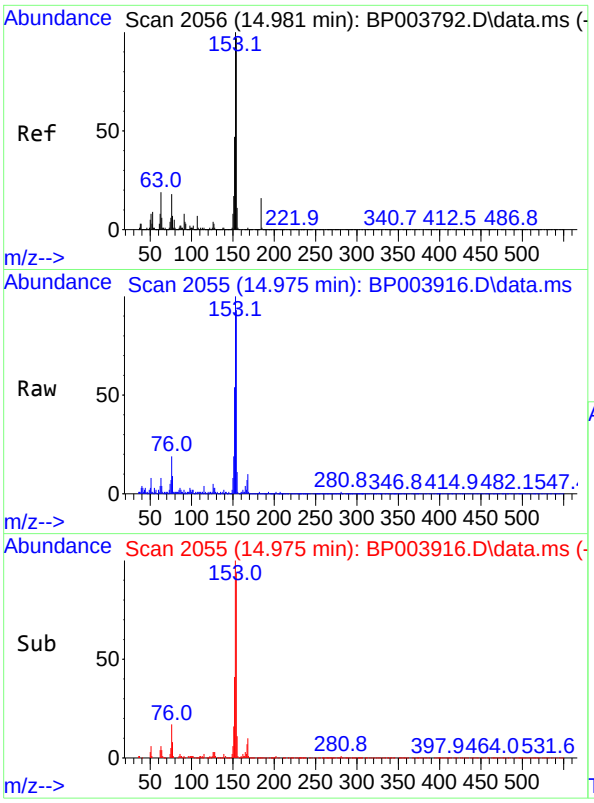
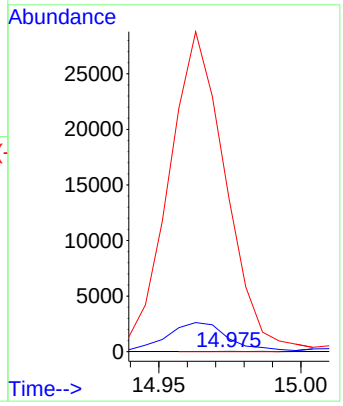
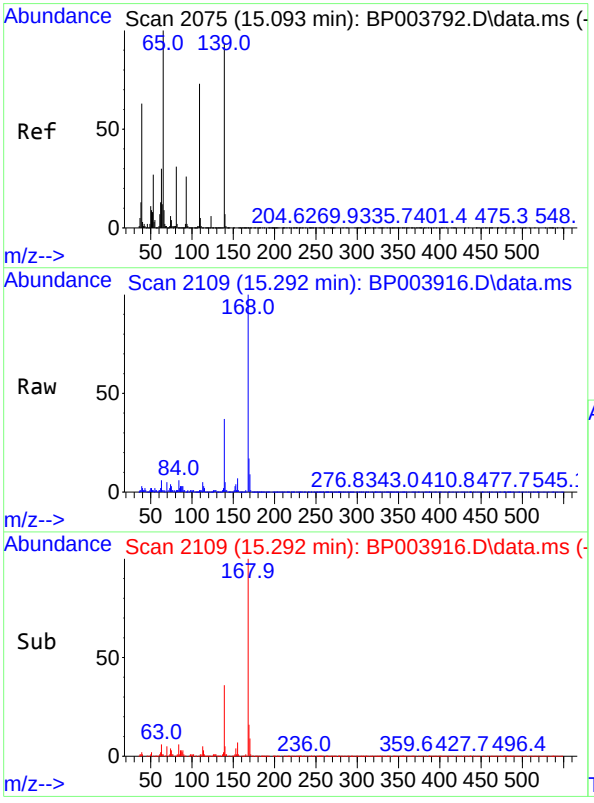


#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.975 min Scan# 2055
Delta R.T. -0.012 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:184 Resp: 37

Ion	Ratio	Lower	Upper
184	100		
63	4775.0	32.3	48.5#
154	57241.7	49.1	73.7#

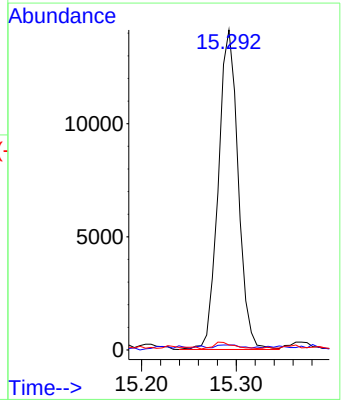




#56
4-Nitrophenol
Concen: 4.33 ng
RT: 15.292 min Scan# 2109
Delta R.T. 0.194 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:139 Resp: 20612

Ion	Ratio	Lower	Upper
139	100		
109	1.5	44.6	84.6#
65	1.5	41.6	81.6#



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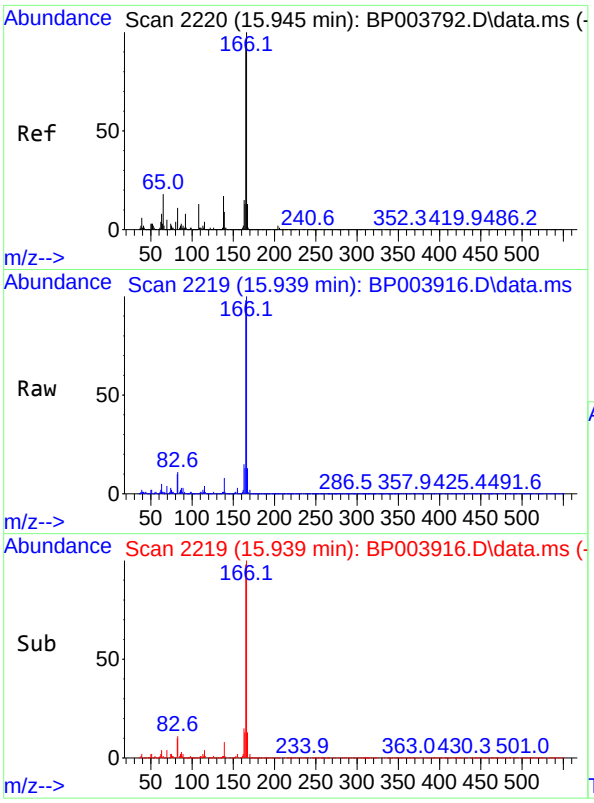
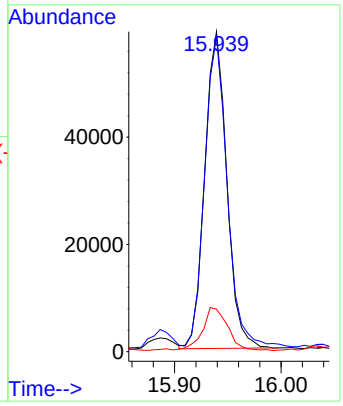
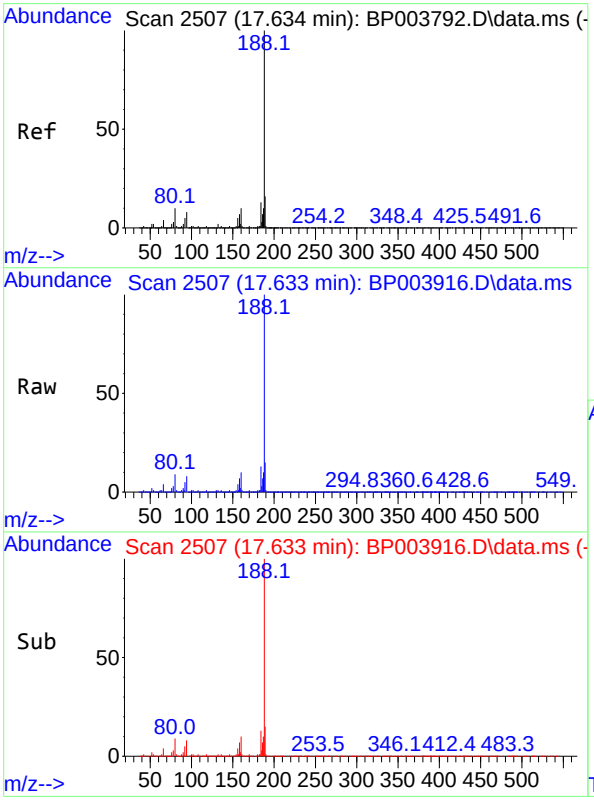


#58
Fluorene
Concen: 3.09 ng
RT: 15.939 min Scan# 2219
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:166 Resp: 85085

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	13.3	11.0	16.4

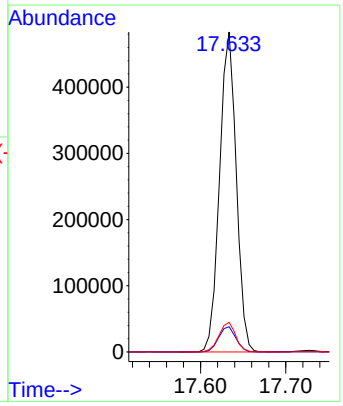




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:188 Resp: 658363

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	9.2	6.2	9.2



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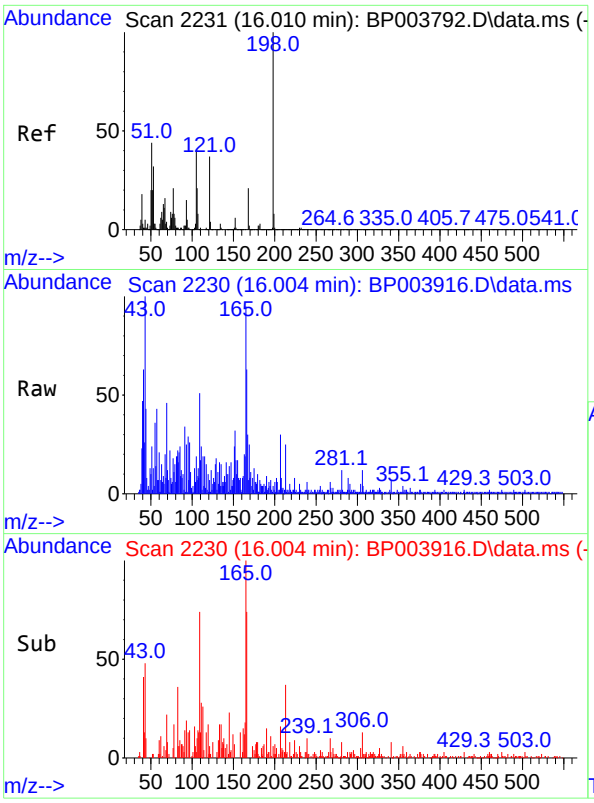
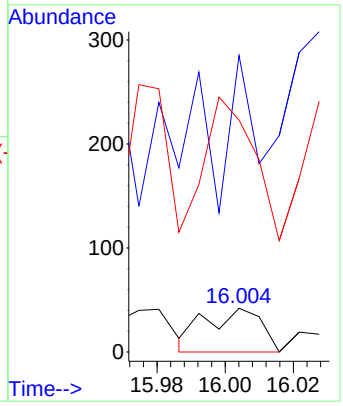
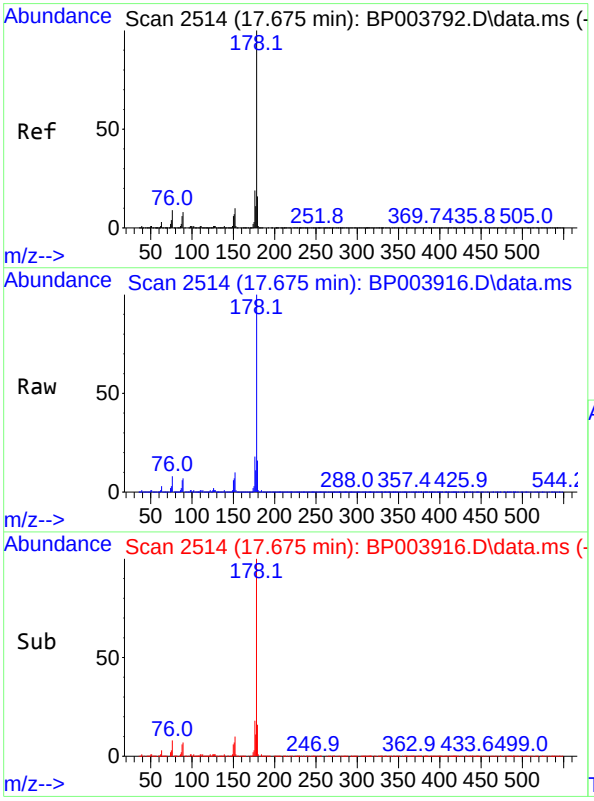


#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.004 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:198 Resp: 48

Ion	Ratio	Lower	Upper
198	100		
51	678.6	6.4	46.4#
105	531.0	18.9	58.9#

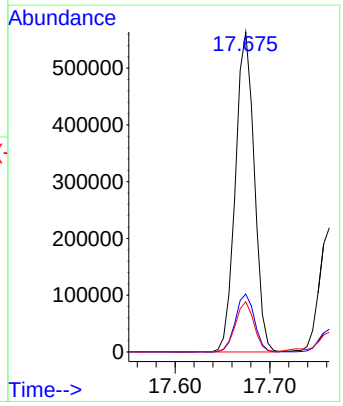




#71
Phenanthrene
Concen: 21.01 ng
RT: 17.675 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:178 Resp: 776187

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.7	12.5	18.7



Instrument :
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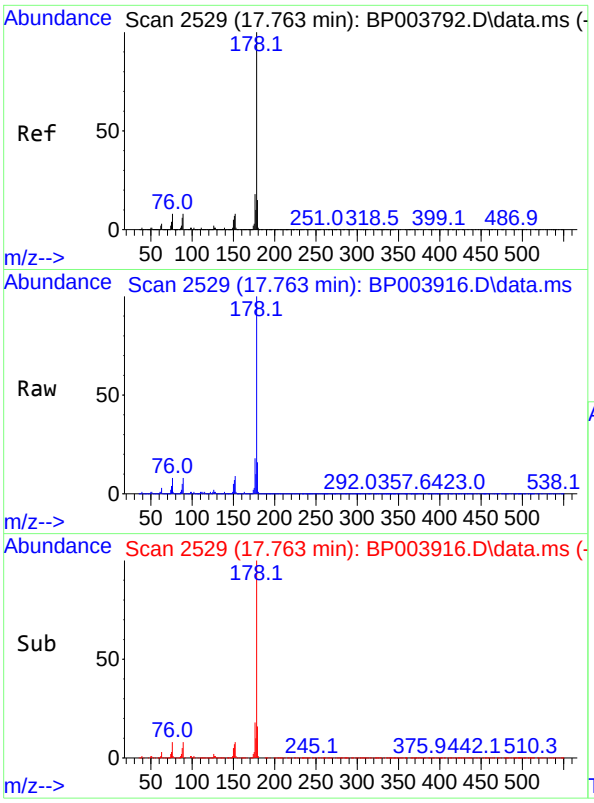
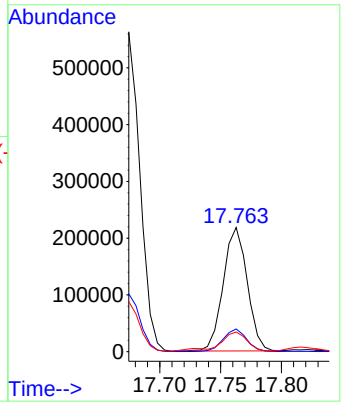
ClientSampleId :
CL-02-110620DL

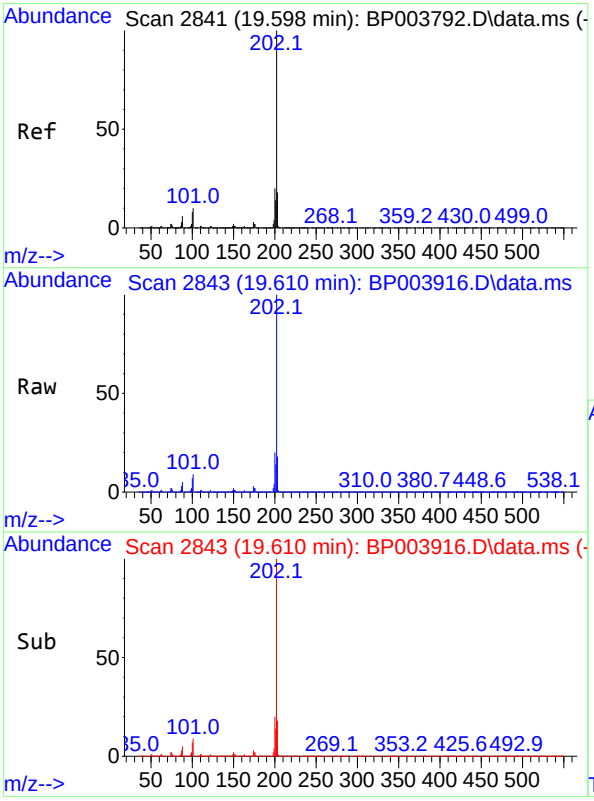


#72
Anthracene
Concen: 8.36 ng
RT: 17.763 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:178 Resp: 298461

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.9	12.5	18.7

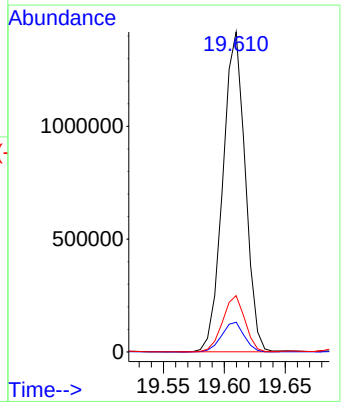




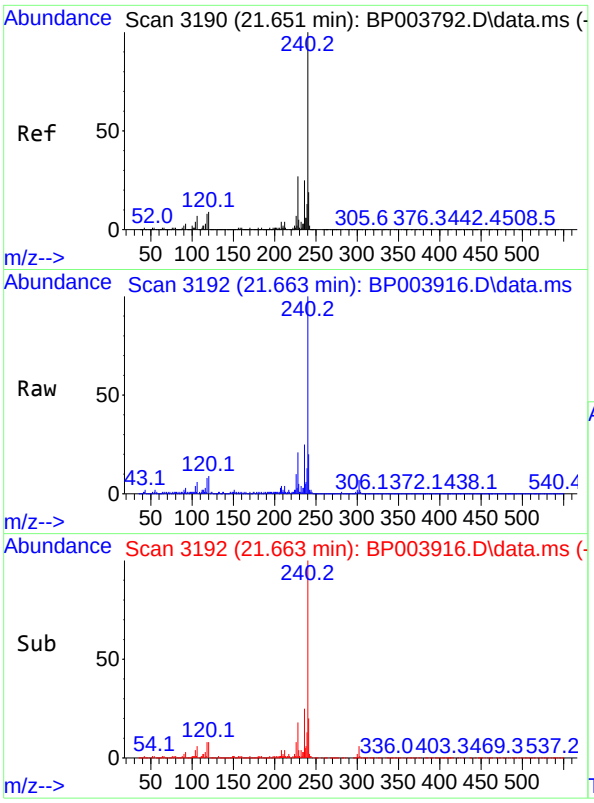
#75
Fluoranthene
Concen: 42.53 ng
RT: 19.610 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:202 Resp: 1813109

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.4
203	17.6	0.0	37.8



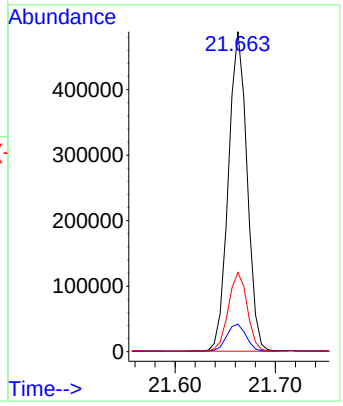
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

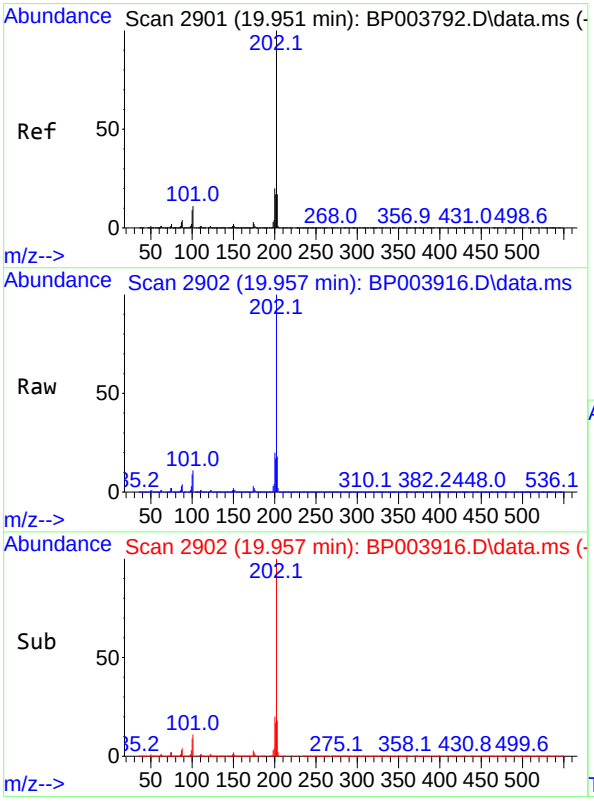


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:240 Resp: 630902

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.8	11.6
236	24.8	20.8	31.2

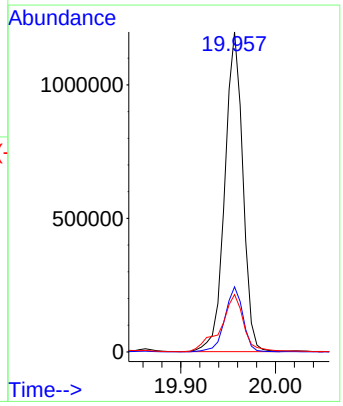




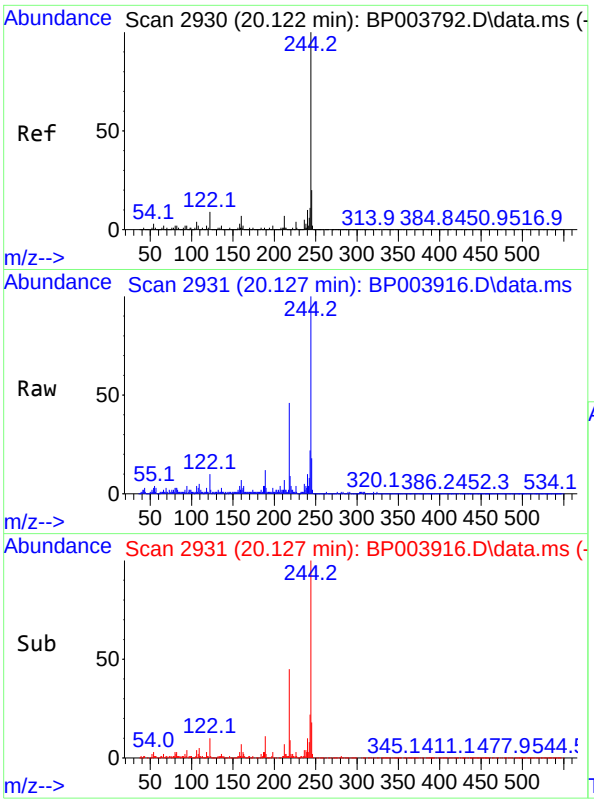
#78
Pyrene
Concen: 36.98 ng
RT: 19.957 min Scan# 2902
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:202 Resp: 1583161

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.1	25.7
203	18.0	14.2	21.2



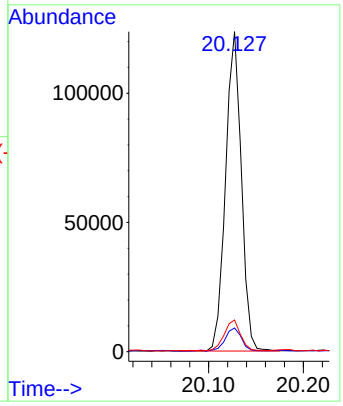
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

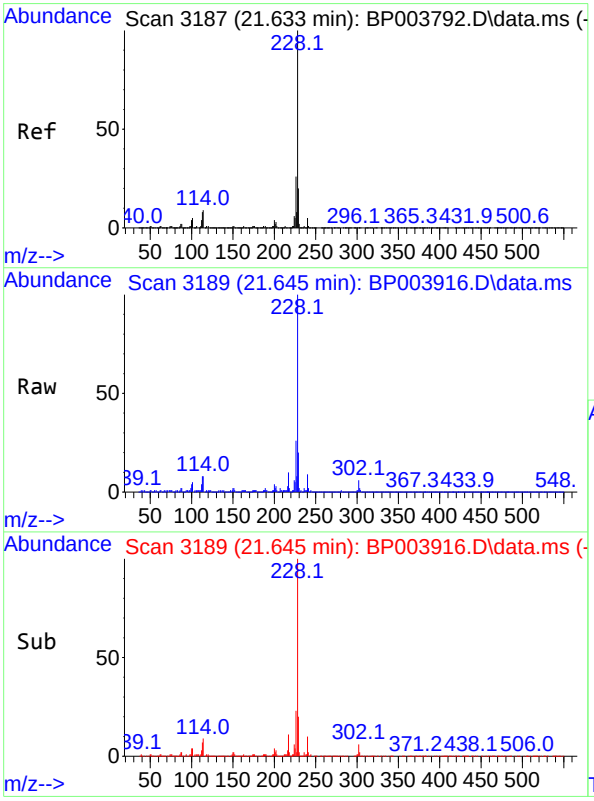


#79
Terphenyl-d14
Concen: 4.37 ng
RT: 20.127 min Scan# 2931
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:244 Resp: 142773

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.9	7.8	11.8

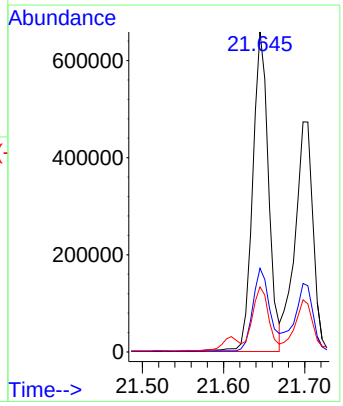




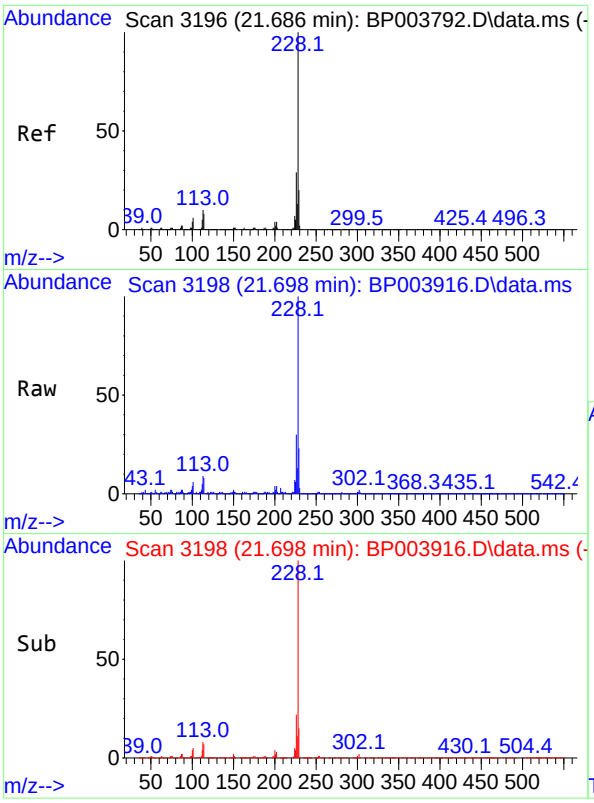
#81
Benzo(a)anthracene
Concen: 21.51 ng
RT: 21.645 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:228 Resp: 895071

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.1	33.1
229	20.3	15.9	23.9



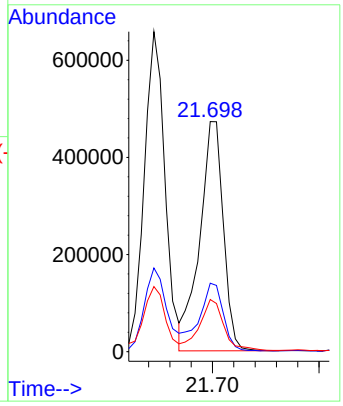
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

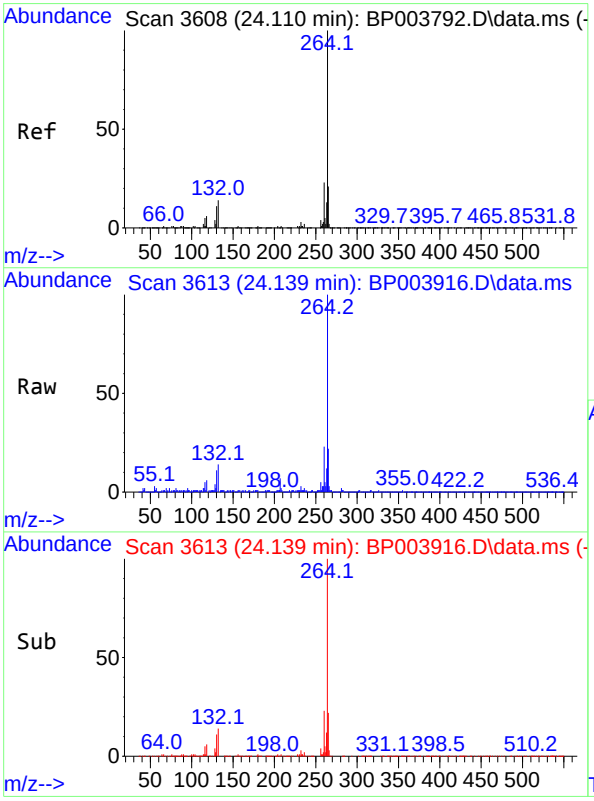


#83
Chrysene
Concen: 18.24 ng
RT: 21.698 min Scan# 3198
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:228 Resp: 729300

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	22.7	15.8	23.6

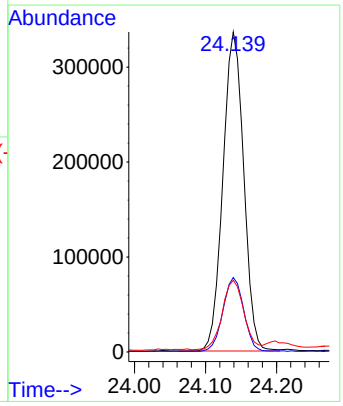




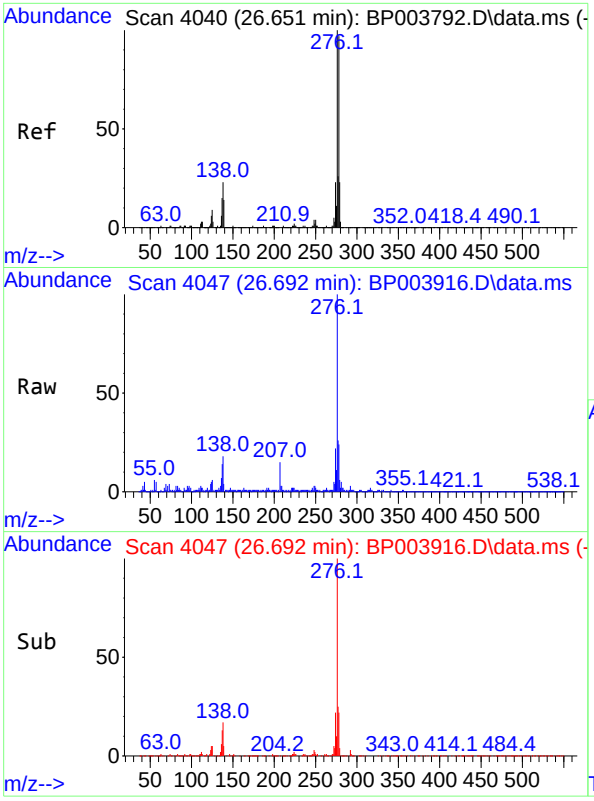
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.139 min Scan# 3613
Delta R.T. 0.012 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:264 Resp: 681535

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.4	17.4	26.2



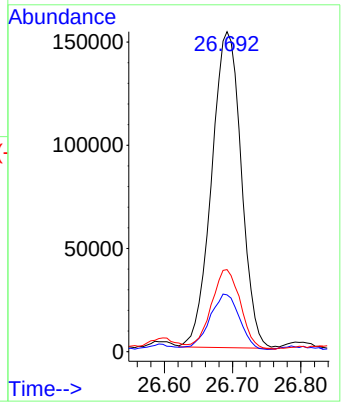
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

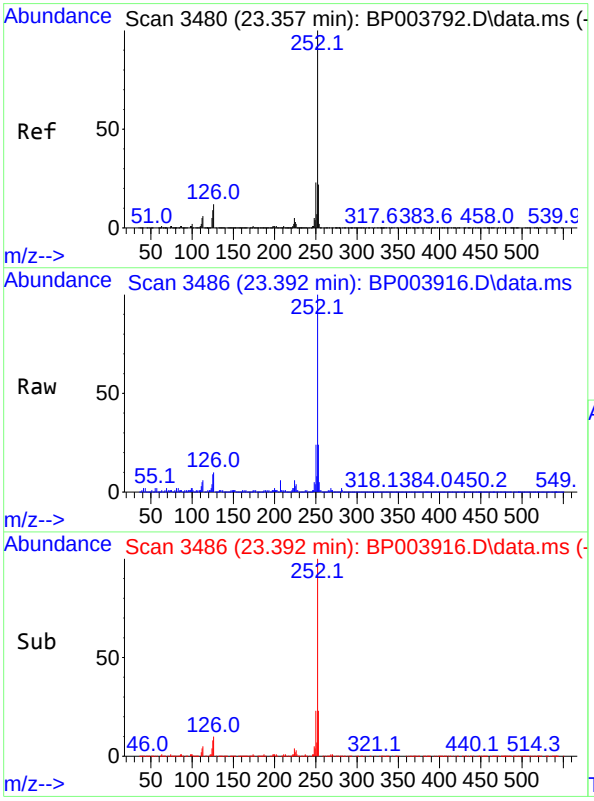


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.43 ng
RT: 26.692 min Scan# 4047
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:276 Resp: 463753

Ion	Ratio	Lower	Upper
276	100		
138	17.5	18.7	28.1#
277	24.8	20.4	30.6

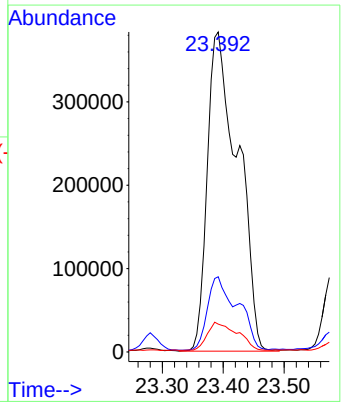


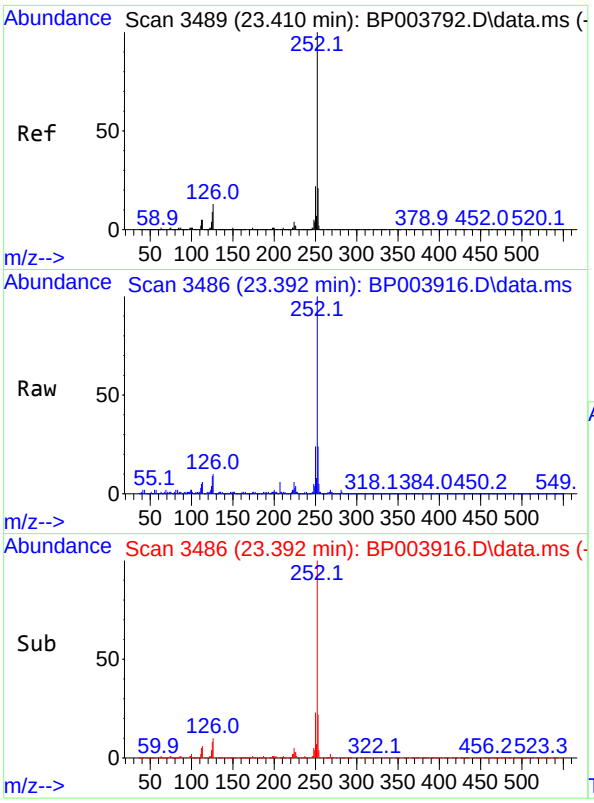


#88
Benzo(b)fluoranthene
Concen: 29.87 ng
RT: 23.392 min Scan# 3486
Delta R.T. 0.012 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:252 Resp: 1332076

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	8.7	7.3	10.9

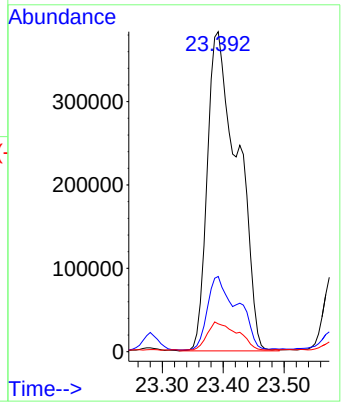




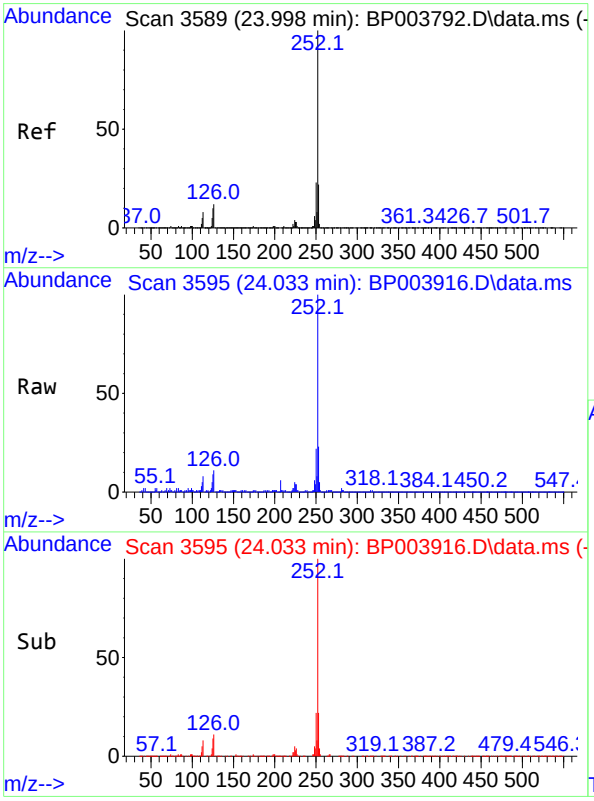
#89
Benzo(k)fluoranthene
Concen: 30.25 ng
RT: 23.392 min Scan# 3486
Delta R.T. -0.035 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:252 Resp: 1332076

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	8.7	7.4	11.2



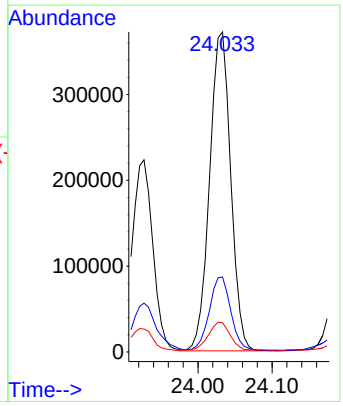
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL



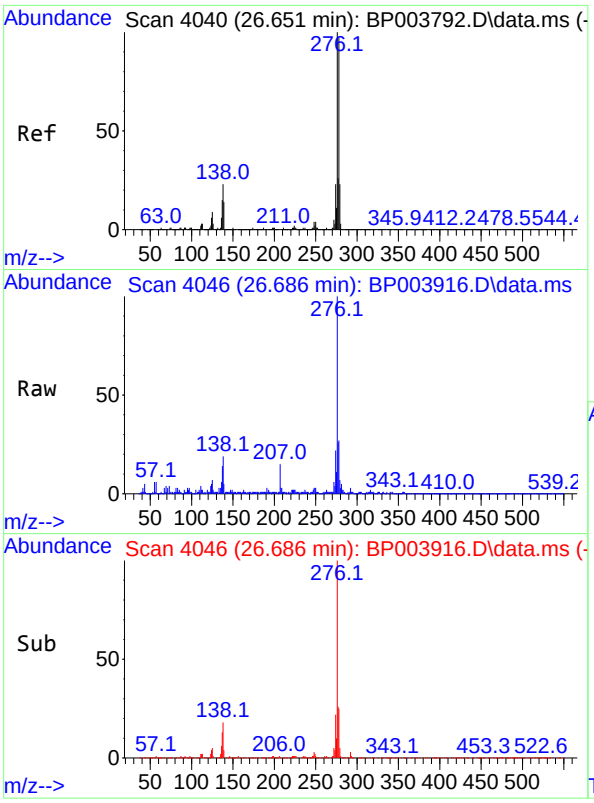
#90
Benzo(a)pyrene
Concen: 17.80 ng
RT: 24.033 min Scan# 3595
Delta R.T. 0.012 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:252 Resp: 734769

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	9.2	8.2	12.4



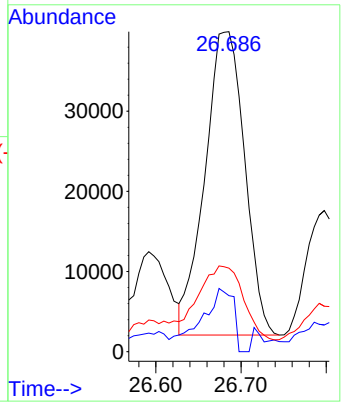
Instrument :
BNA_P
ClientSampleId :
CL-02-110620DL

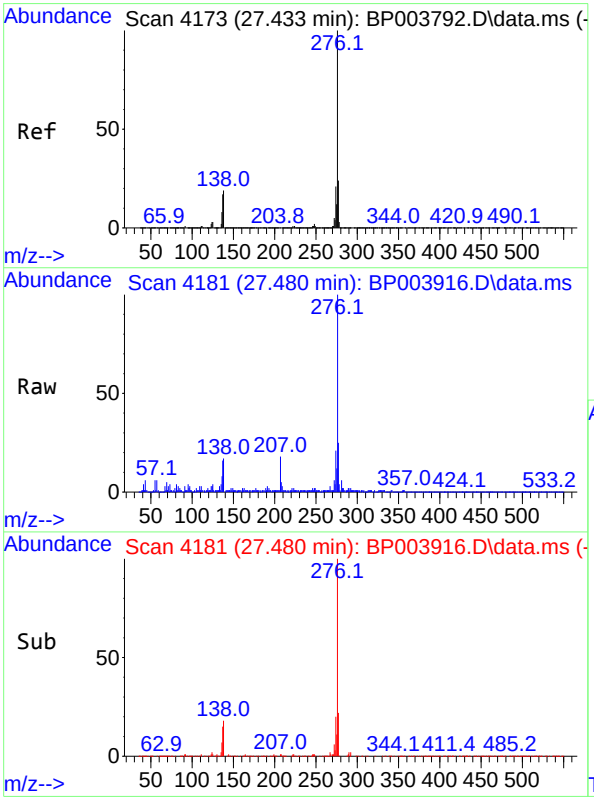


#91
Dibenzo(a,h)anthracene
Concen: 3.00 ng
RT: 26.686 min Scan# 4046
Delta R.T. -0.000 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:278 Resp: 122896

Ion	Ratio	Lower	Upper
278	100		
139	17.5	12.4	18.6
279	26.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 10.79 ng
RT: 27.480 min Scan# 4181
Delta R.T. 0.006 min
Lab File: BP003916.D
Acq: 10 Nov 2020 22:59

Tgt Ion:276 Resp: 428006

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.6
138	17.4	16.6	24.8