Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004141.D
Acq On : 03 Dec 2020 21:59
Operator : CG/JU
Sample : L4915-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-12220

Quant Time: Dec 04 00:14:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 11:39:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	172846	20.00	ng	0.00
21) Naphthalene-d8	11.016	136	593872	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	298812	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	556328	20.00	ng	# 0.00
76) Chrysene-d12	21.598	240	566143	20.00	ng	0.00
86) Perylene-d12	24.039	264	603665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	419853	40.54	ng	0.00
7) Phenol-d6	7.375	99	501414	33.73	ng	0.00
23) Nitrobenzene-d5	9.357	82	314460	25.93	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	114798	30.72	ng	0.00
45) 2-Fluorobiphenyl	13.439	172	556665	26.04	ng	0.00
79) Terphenyl-d14	20.063	244	580961	19.83	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.275	77	123	Below Cal	#	42
32) Benzoic acid	10.357	122	34	8.31	ng #	1
49) Acenaphthylene	14.545	152	98609	3.53	ng	98
50) Dimethylphthalate	14.251	163	77802	3.33	ng	99
54) 2,4-Dinitrophenol	14.922	184	22	2.74	ng #	1
65) 4,6-Dinitro-2-methylph...	15.928	198	12	6.35	ng #	1
71) Phenanthrene	17.598	178	237661	7.61	ng	99
72) Anthracene	17.692	178	135077	4.48	ng	100
75) Fluoranthene	19.539	202	459368	12.75	ng	99
78) Pyrene	19.892	202	491332	12.79	ng	98
81) Benzo(a)anthracene	21.580	228	252400	6.76	ng	97
83) Chrysene	21.633	228	262216	7.31	ng	97
87) Indeno(1,2,3-cd)pyrene	26.551	276	143113	3.29	ng	97
88) Benzo(b)fluoranthene	23.298	252	384142	9.72	ng	97
89) Benzo(k)fluoranthene	23.298	252	384142	9.85	ng	97
90) Benzo(a)pyrene	23.927	252	234060	6.40	ng	96
92) Benzo(g,h,i)perylene	27.327	276	174830	4.98	ng	99

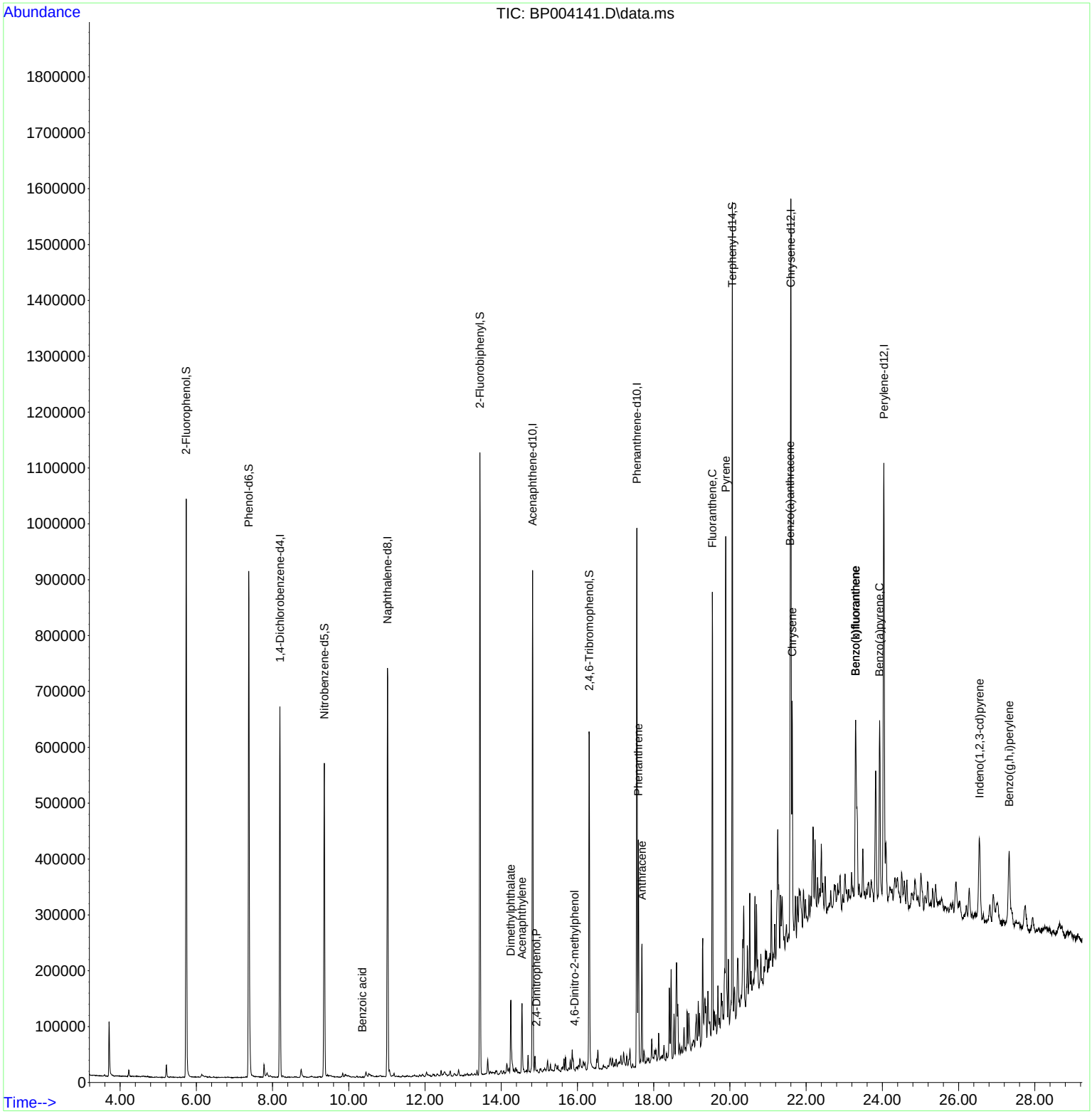
(#) = qualifier out of range (m) = manual integration (+) = signals summed

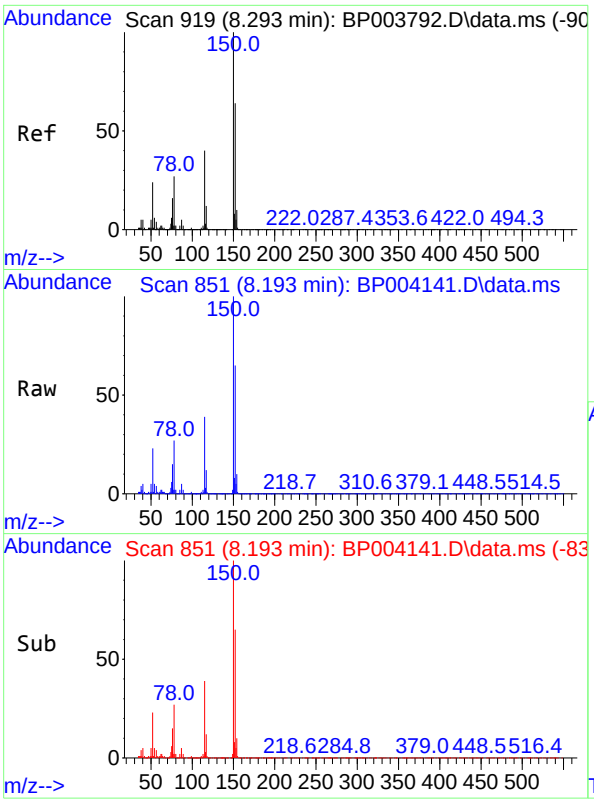
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004141.D
Acq On : 03 Dec 2020 21:59
Operator : CG/JU
Sample : L4915-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-12220

Quant Time: Dec 04 00:14:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 11:39:42 2020
Response via : Initial Calibration

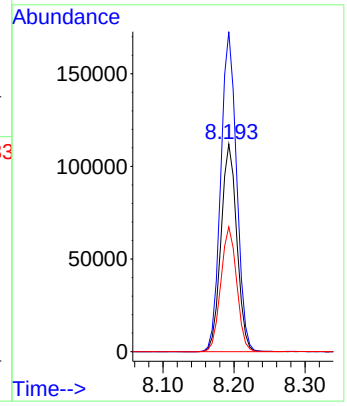




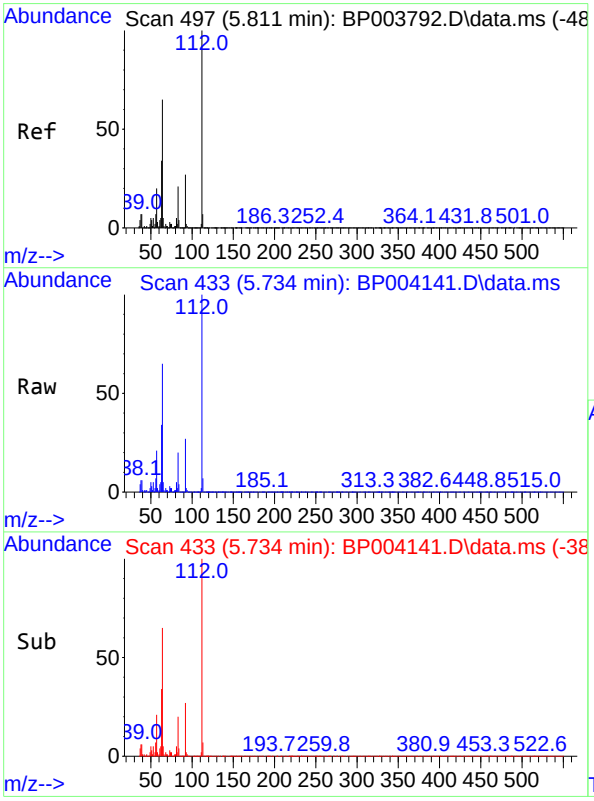
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:152 Resp: 172846

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	60.1	43.8	65.6



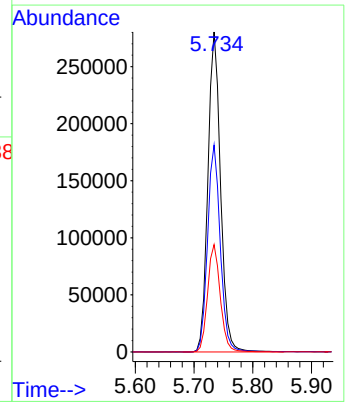
Instrument :
BNA_P
ClientSampleId :
OR-03-12220



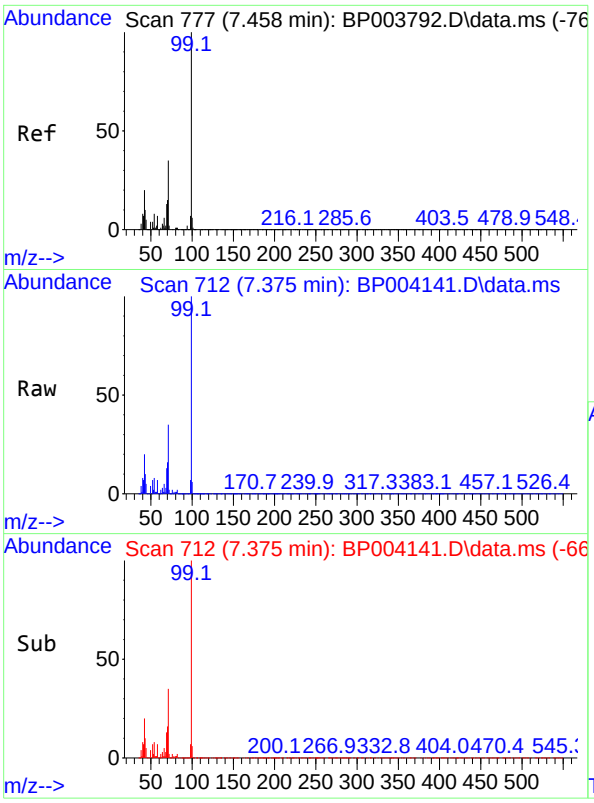
#5
2-Fluorophenol
Concen: 40.54 ng
RT: 5.734 min Scan# 433
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:112 Resp: 419853

Ion	Ratio	Lower	Upper
112	100		
64	64.7	32.8	49.2#
63	33.6	17.0	25.4#



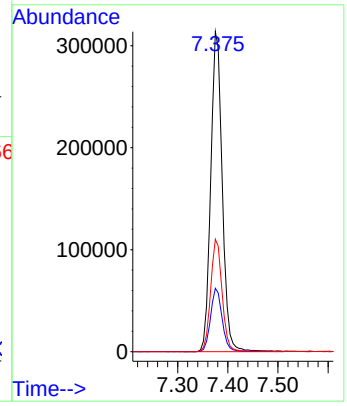
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

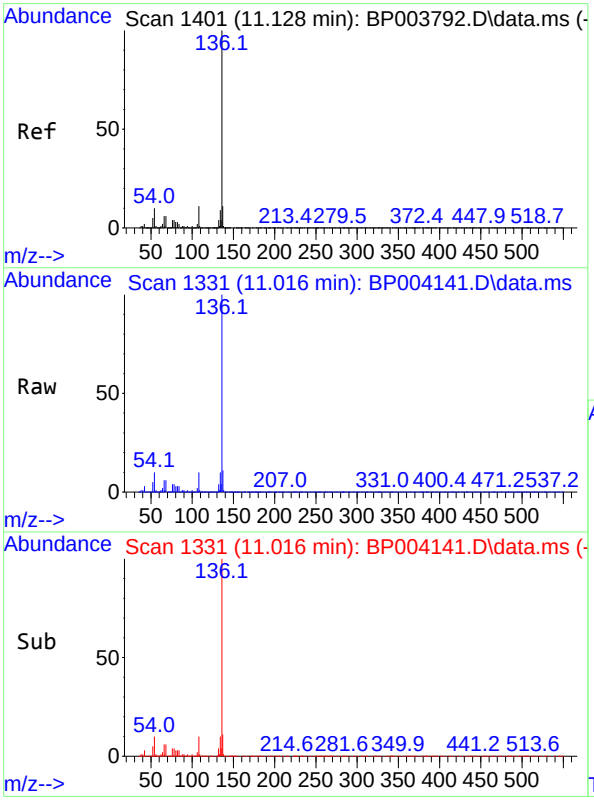


#7
Phenol-d6
Concen: 33.73 ng
RT: 7.375 min Scan# 712
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion: 99 Resp: 501414

Ion	Ratio	Lower	Upper
99	100		
42	19.8	8.6	13.0#
71	35.2	23.4	35.2#

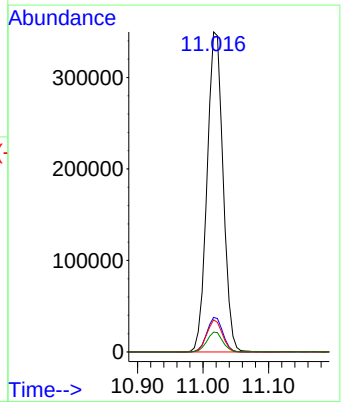




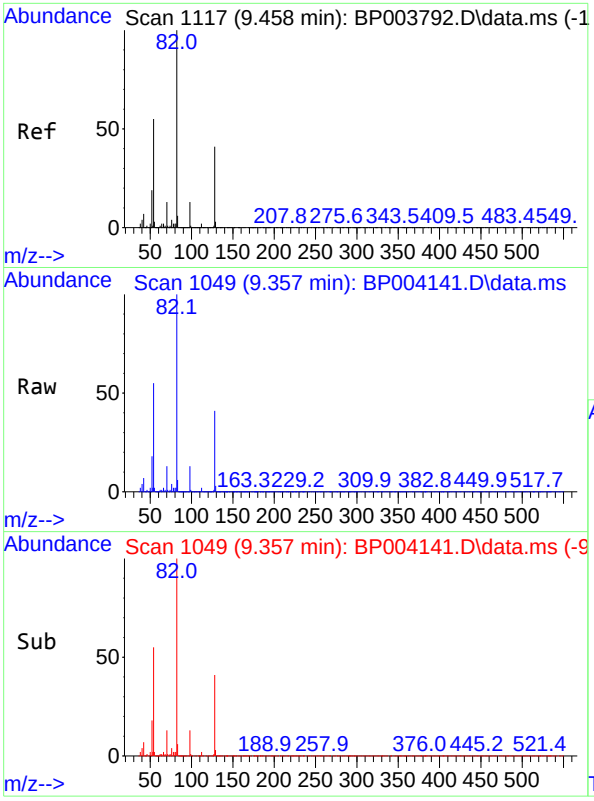
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.016 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:136 Resp: 593872

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.1	3.6	5.4#
68	6.2	3.3	4.9#



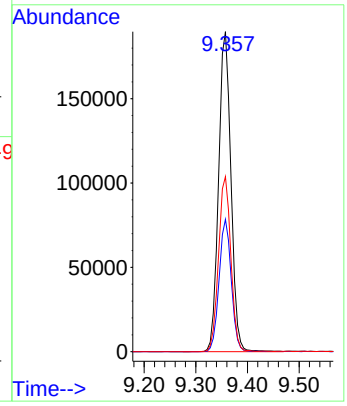
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

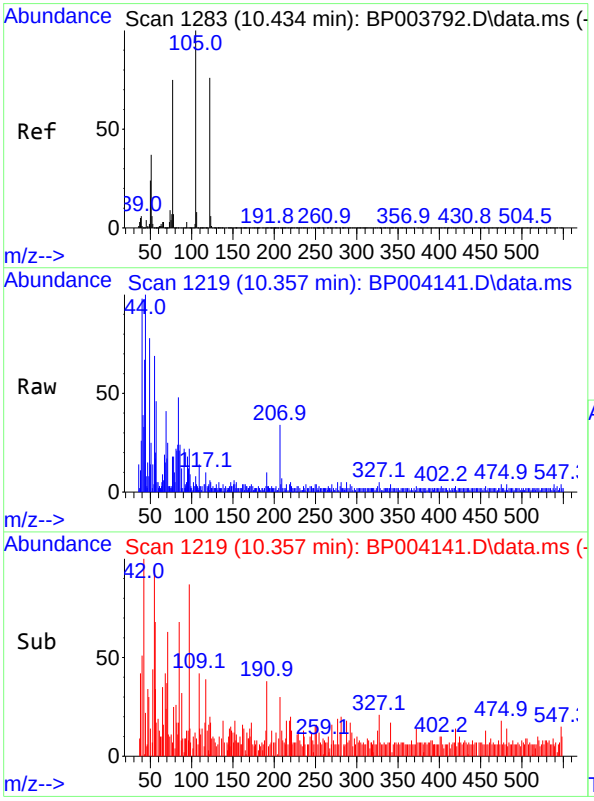


#23
Nitrobenzene-d5
Concen: 25.93 ng
RT: 9.357 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion: 82 Resp: 314460

Ion	Ratio	Lower	Upper
82	100		
128	41.4	45.6	68.4#
54	54.7	30.1	45.1#

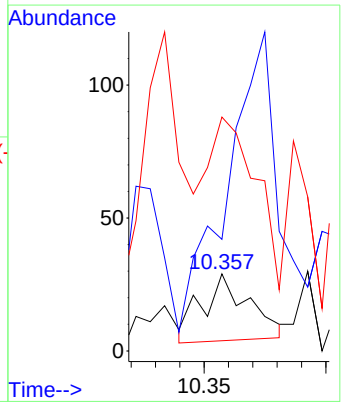




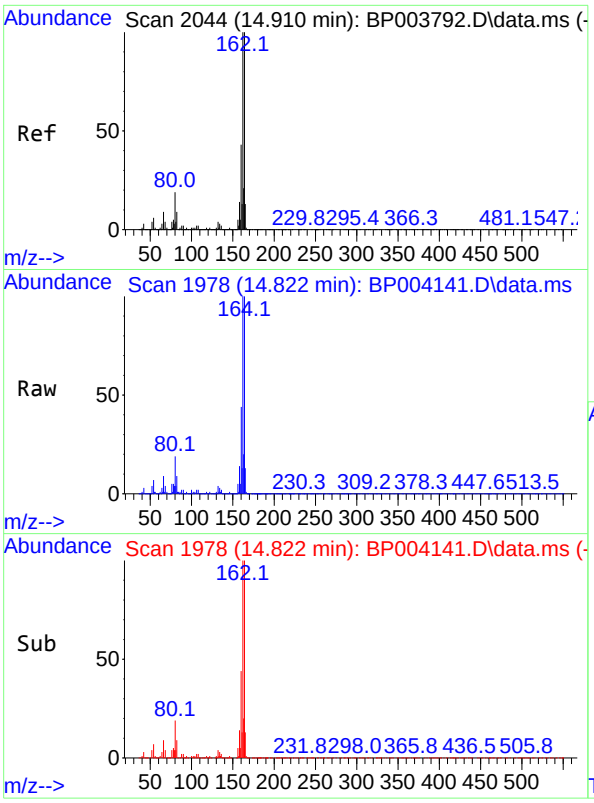
#32
Benzoic acid
Concen: 8.31 ng
RT: 10.357 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:122 Resp: 34

Ion	Ratio	Lower	Upper
122	100		
105	144.8	94.1	134.1#
77	303.4	50.1	90.1#



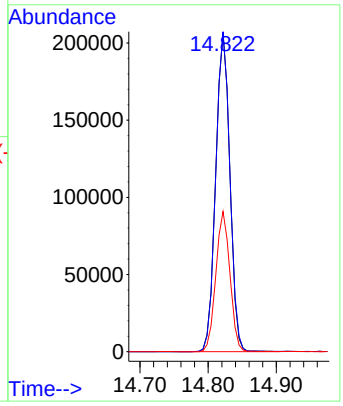
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

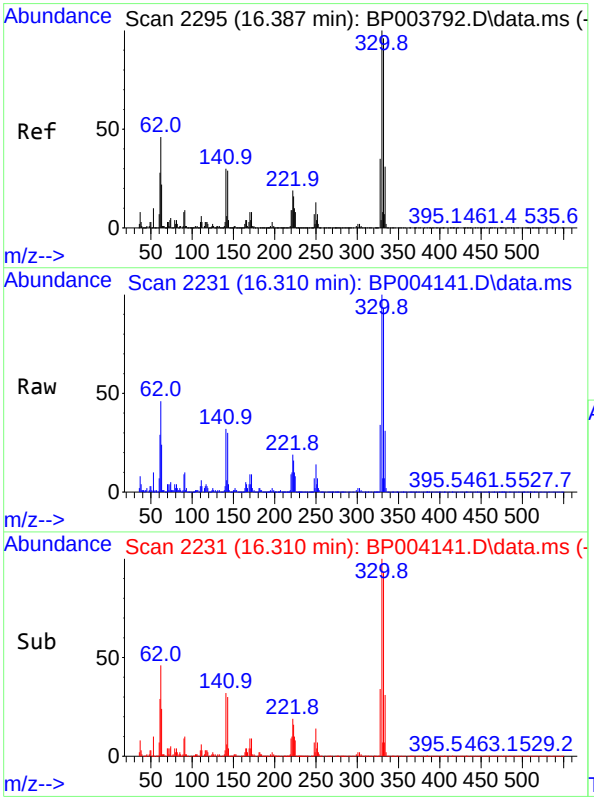


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:164 Resp: 298812

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.4	119.2
160	43.9	36.1	54.1

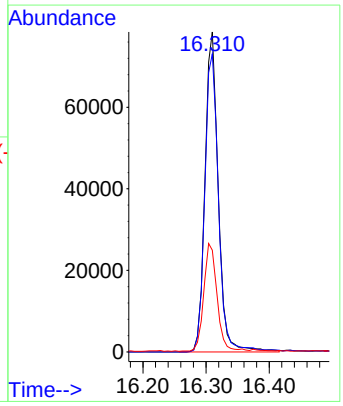


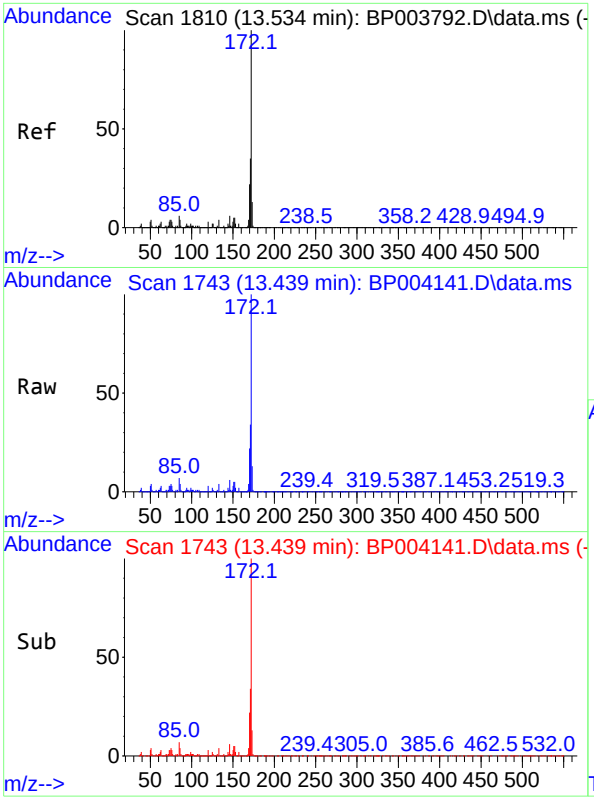


#42
2,4,6-Tribromophenol
Concen: 30.72 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:330 Resp: 114798

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	33.8	23.4	35.2

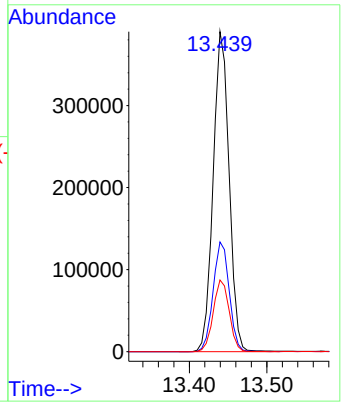




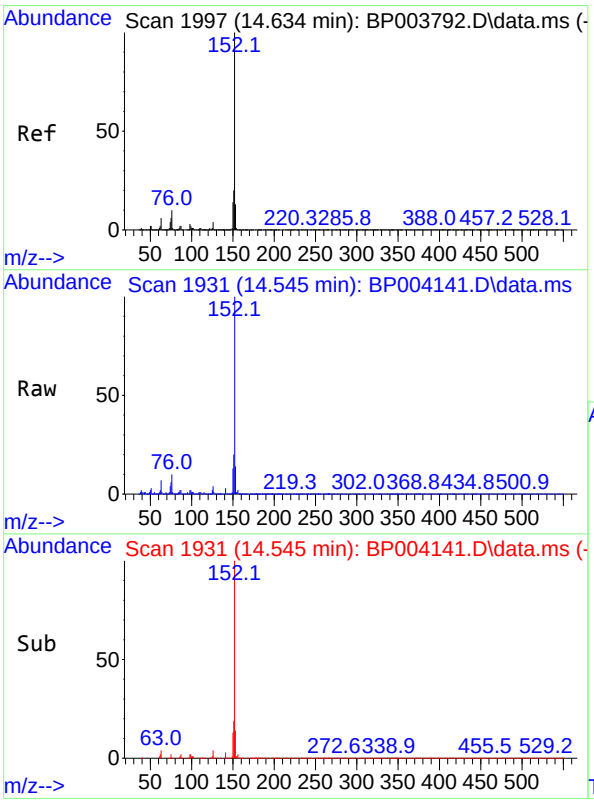
#45
2-Fluorobiphenyl
Concen: 26.04 ng
RT: 13.439 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:172 Resp: 556665

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	22.4	19.2	28.8



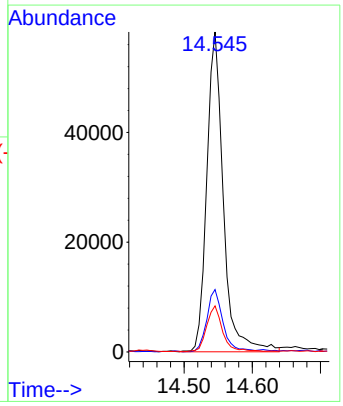
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

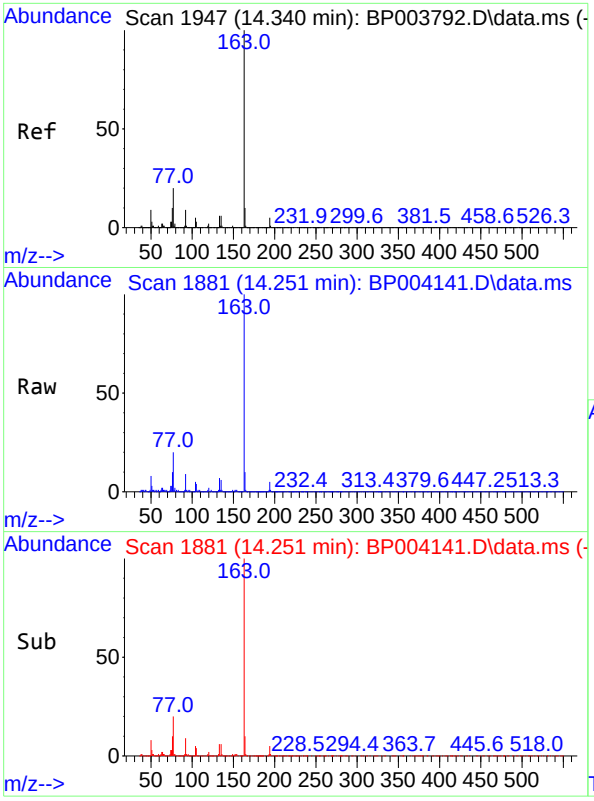


#49
Acenaphthylene
Concen: 3.53 ng
RT: 14.545 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:152 Resp: 98609

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	14.4	10.5	15.7

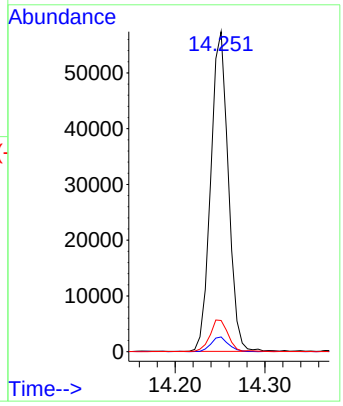




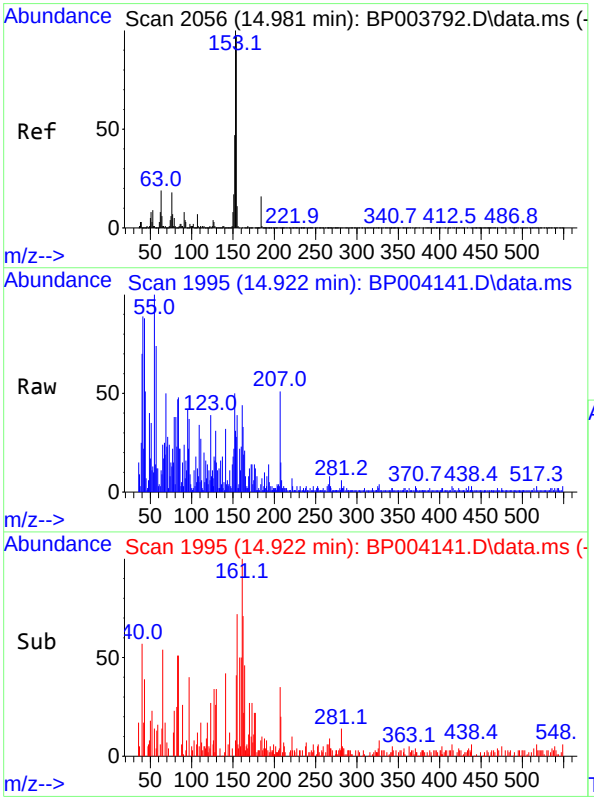
#50
Dimethylphthalate
Concen: 3.33 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:163 Resp: 77802

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	9.8	8.2	12.2



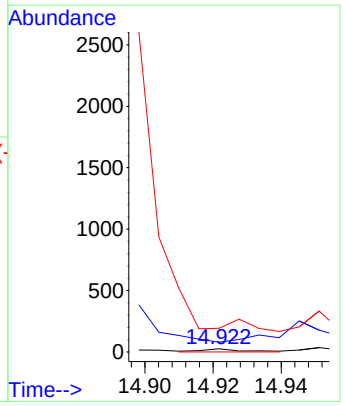
Instrument :
BNA_P
ClientSampleId :
OR-03-12220



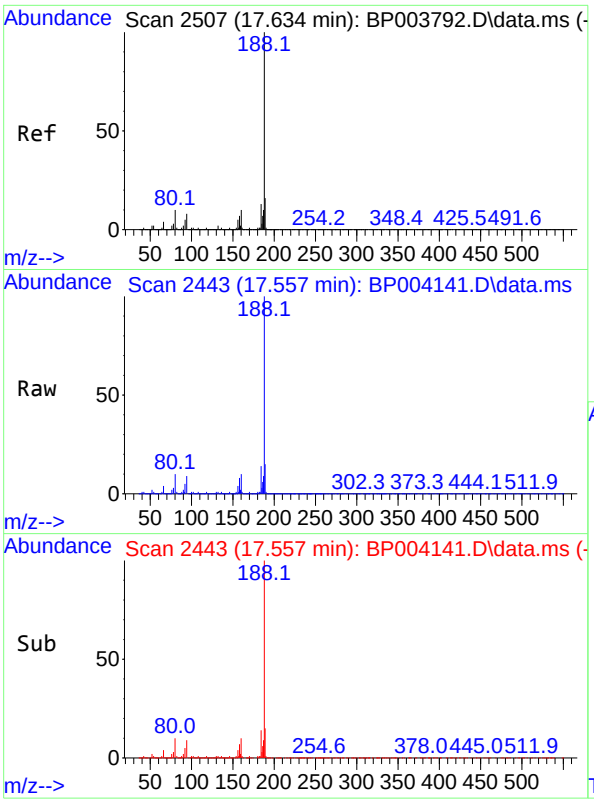
#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.922 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:184 Resp: 22

Ion	Ratio	Lower	Upper
184	100		
63	303.8	32.3	48.5#
154	742.3	49.1	73.7#



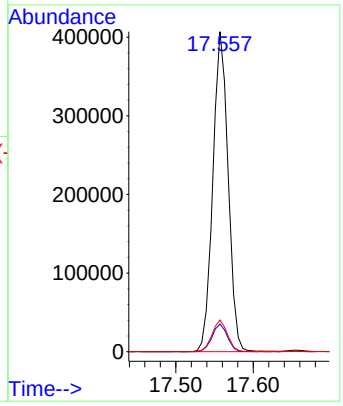
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

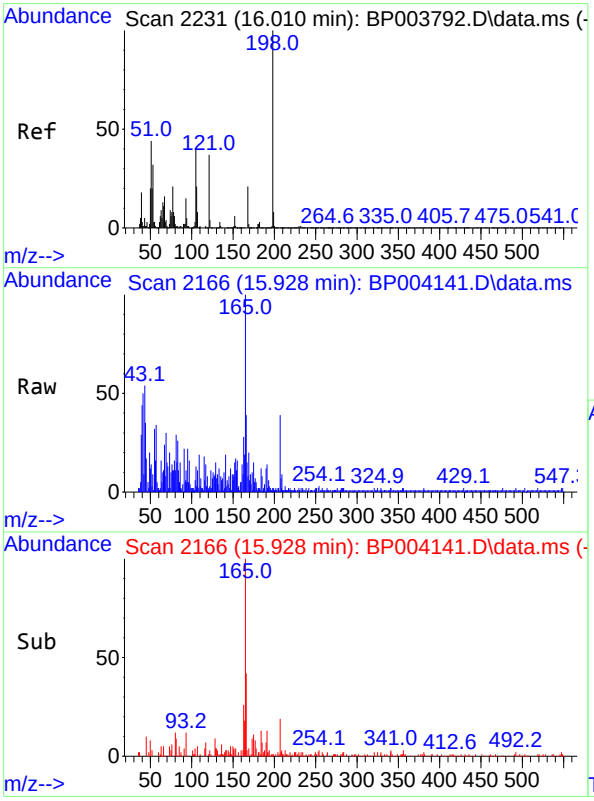


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:188 Resp: 556328

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.2	9.2
80	9.9	6.2	9.2#

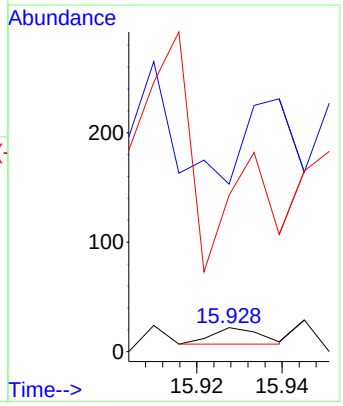




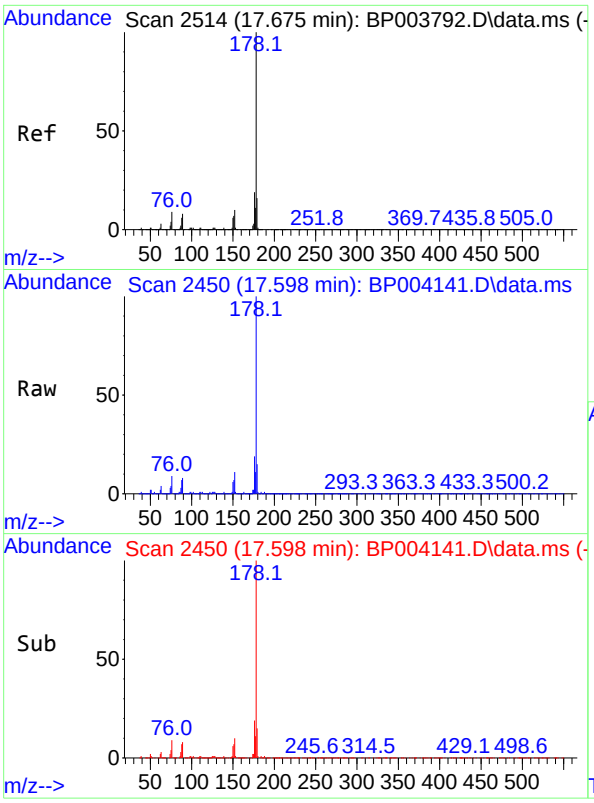
#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.928 min Scan# 2166
Delta R.T. -0.024 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:198 Resp: 12

Ion	Ratio	Lower	Upper
198	100		
51	695.5	6.4	46.4#
105	650.0	18.9	58.9#



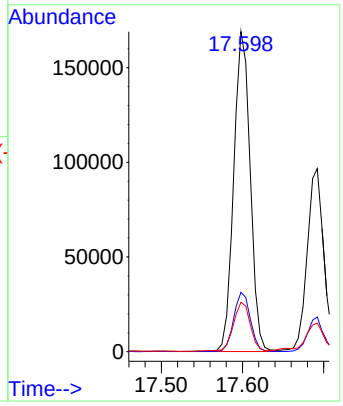
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

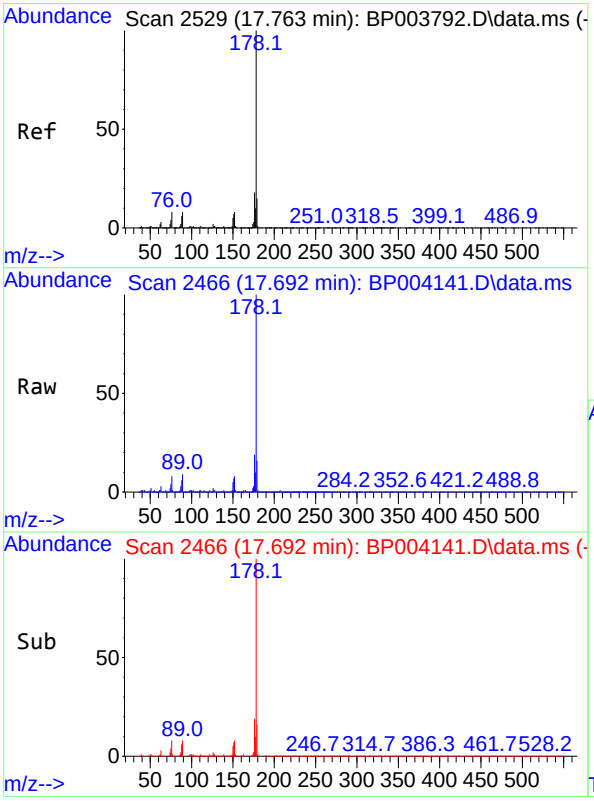


#71
Phenanthrene
Concen: 7.61 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:178 Resp: 237661

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.5	12.5	18.7

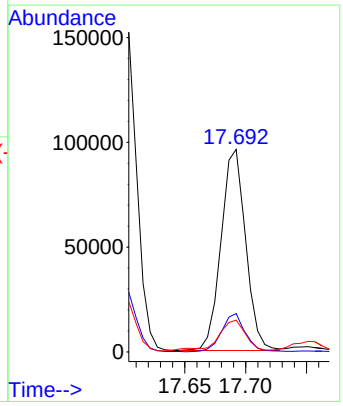




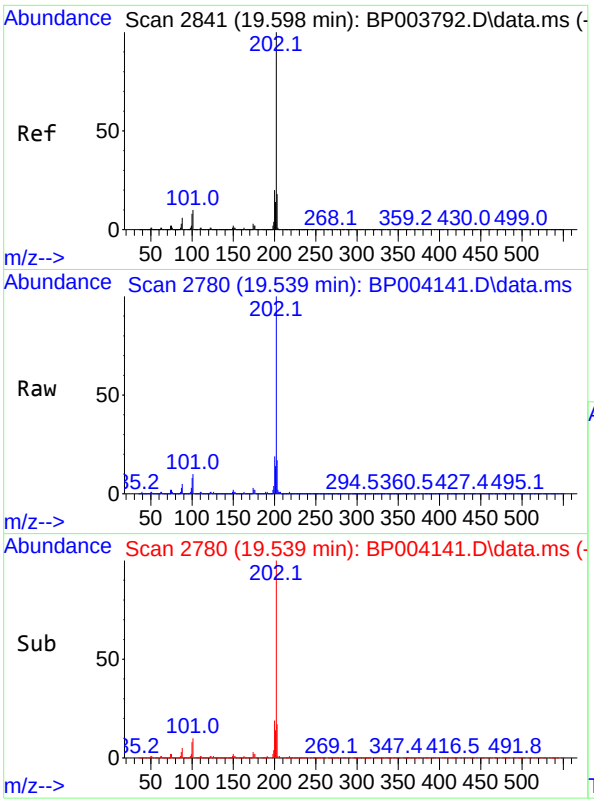
#72
Anthracene
Concen: 4.48 ng
RT: 17.692 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:178 Resp: 135077

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.7	12.5	18.7



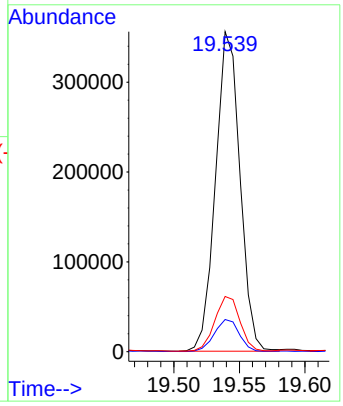
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

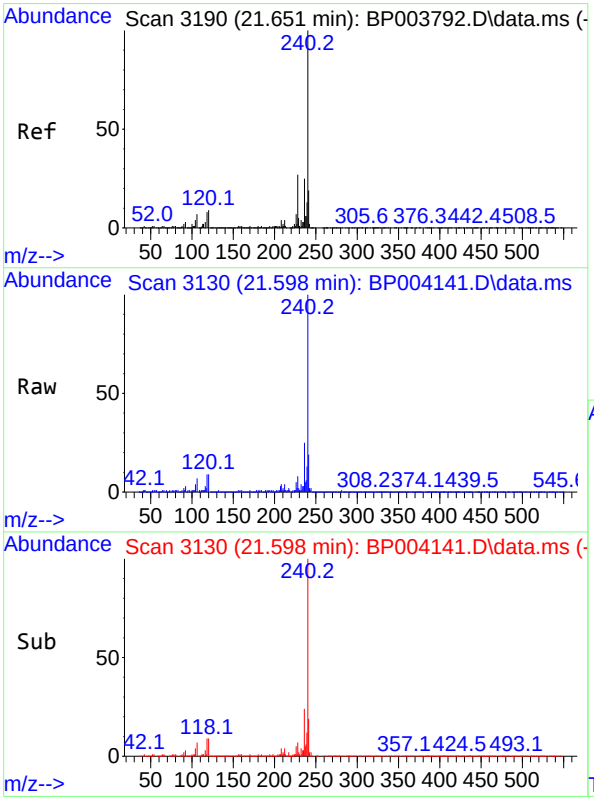


#75
Fluoranthene
Concen: 12.75 ng
RT: 19.539 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:202 Resp: 459368

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.4
203	17.2	0.0	37.8

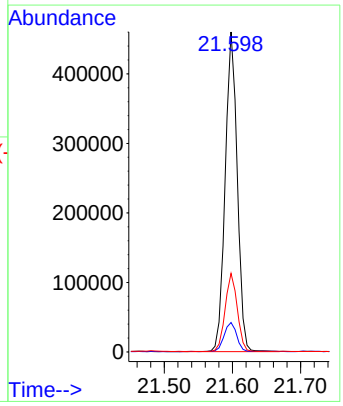




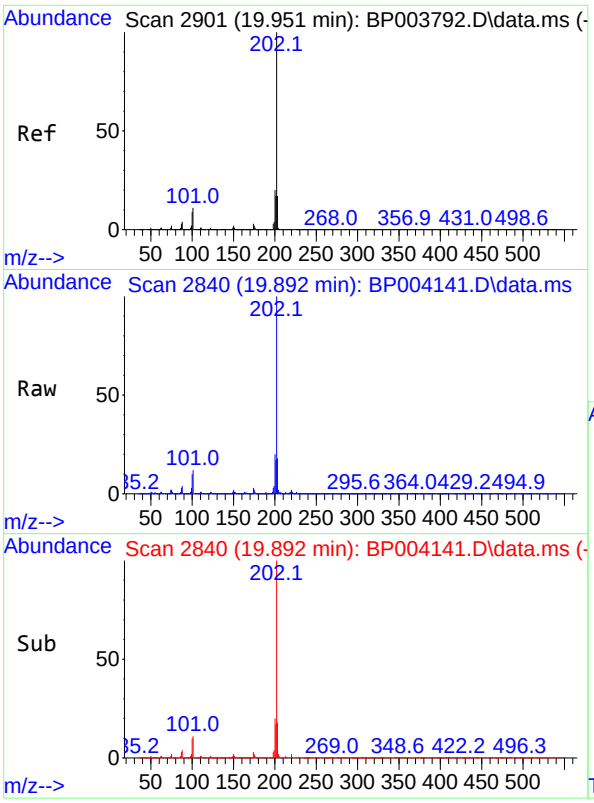
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:240 Resp: 566143

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.8	11.6
236	24.5	20.8	31.2



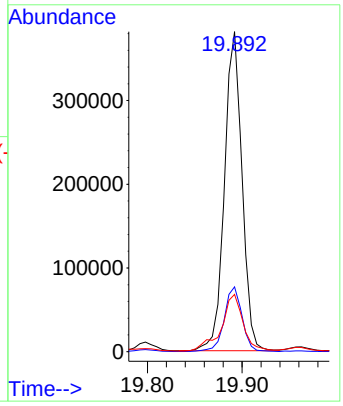
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

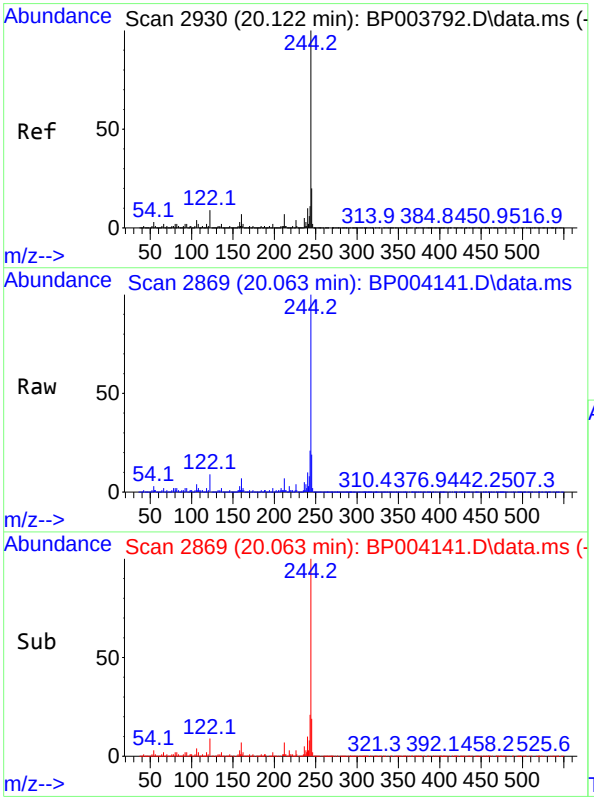


#78
Pyrene
Concen: 12.79 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:202 Resp: 491332

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.1	25.7
203	17.9	14.2	21.2

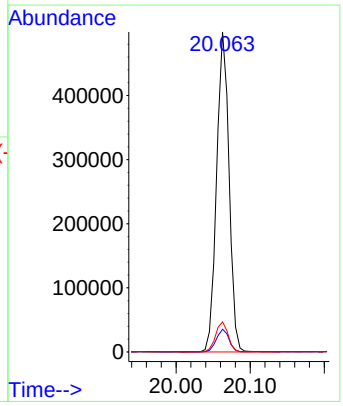


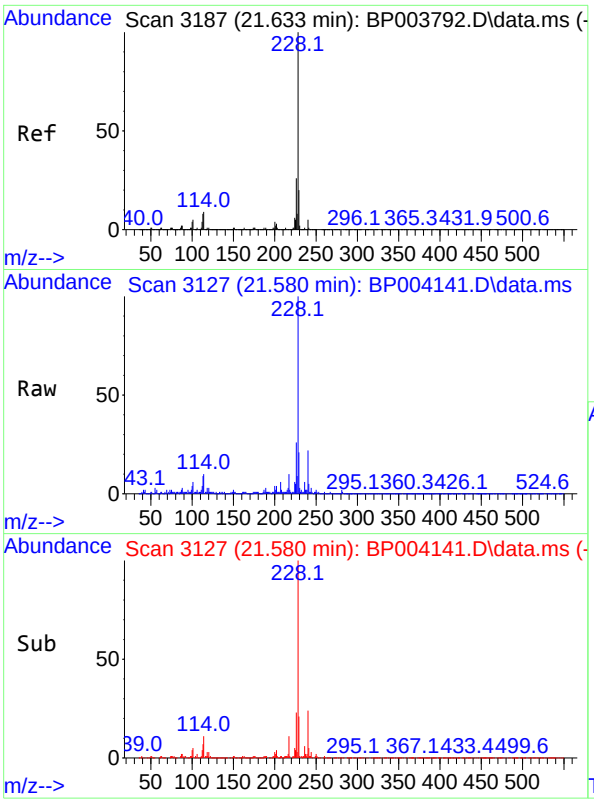


#79
Terphenyl-d14
Concen: 19.83 ng
RT: 20.063 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:244 Resp: 580961

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.4	7.8	11.8

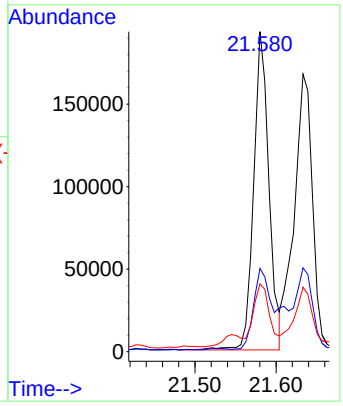




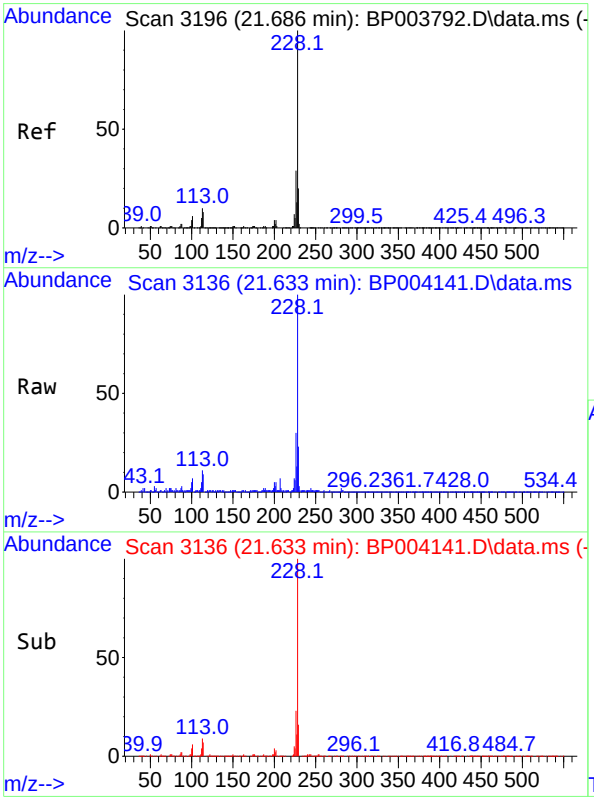
#81
Benzo(a)anthracene
Concen: 6.76 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:228 Resp: 252400

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.1	33.1
229	21.2	15.9	23.9



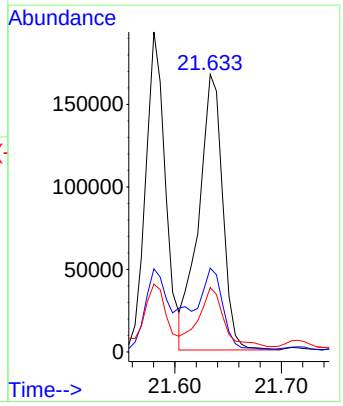
Instrument :
BNA_P
ClientSampleId :
OR-03-12220



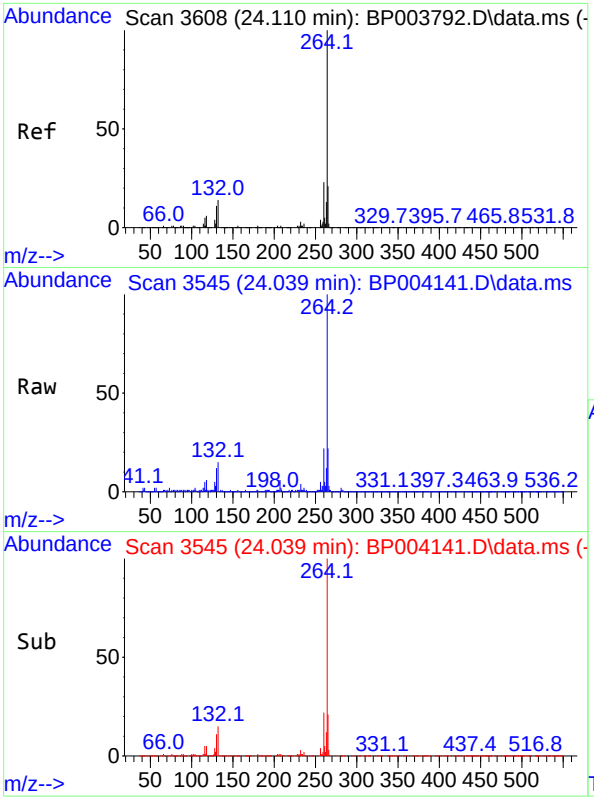
#83
Chrysene
Concen: 7.31 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:228 Resp: 262216

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	23.2	15.8	23.6



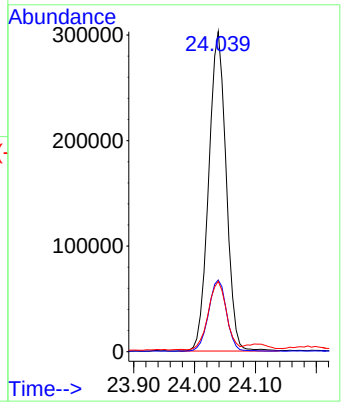
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

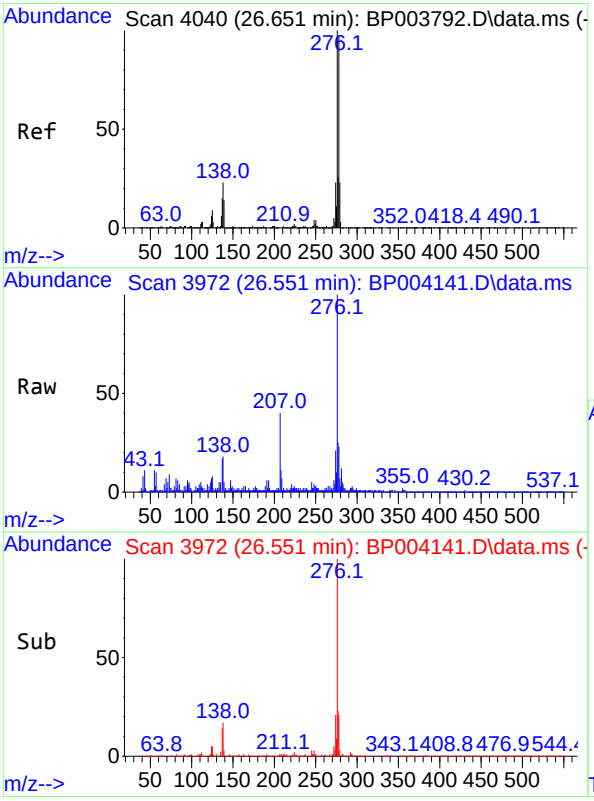


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.039 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:264 Resp: 603665

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.8	28.2
265	22.0	17.4	26.2

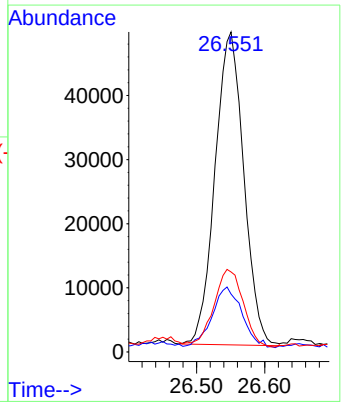




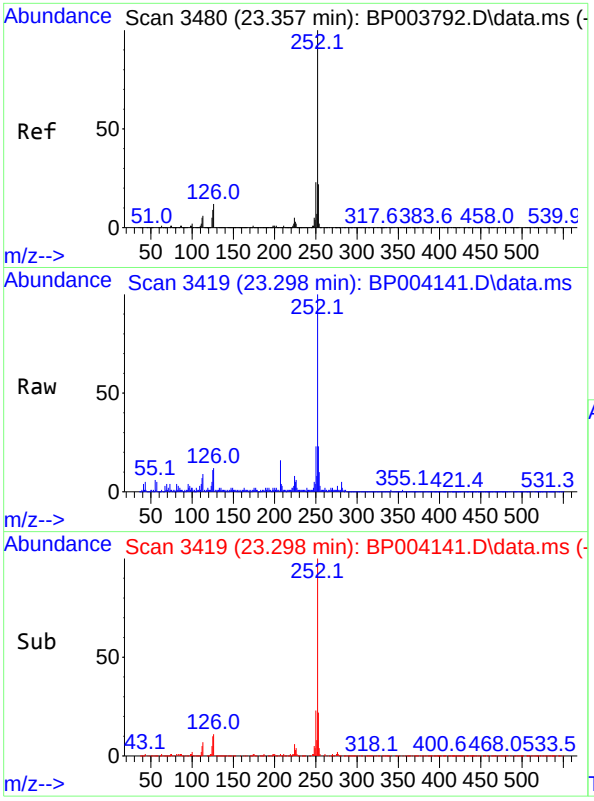
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.29 ng
RT: 26.551 min Scan# 3972
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:276 Resp: 143113

Ion	Ratio	Lower	Upper
276	100		
138	20.4	18.7	28.1
277	25.6	20.4	30.6



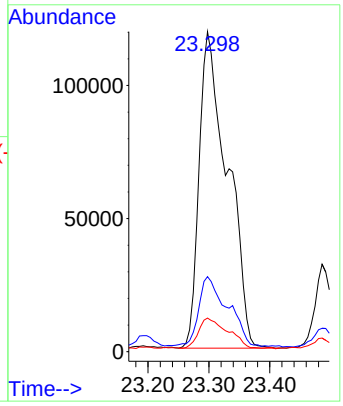
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

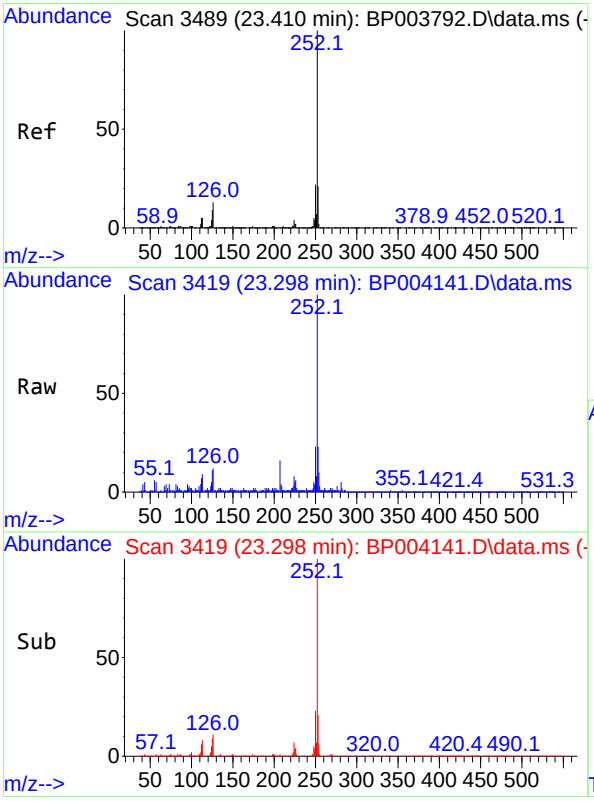


#88
Benzo(b)fluoranthene
Concen: 9.72 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:252 Resp: 384142

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.5	7.3	10.9

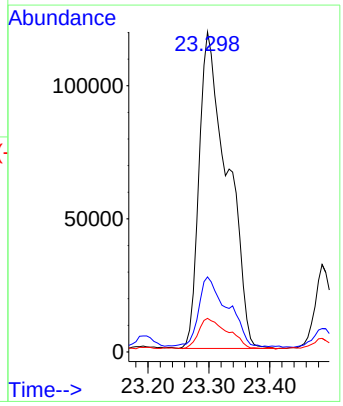




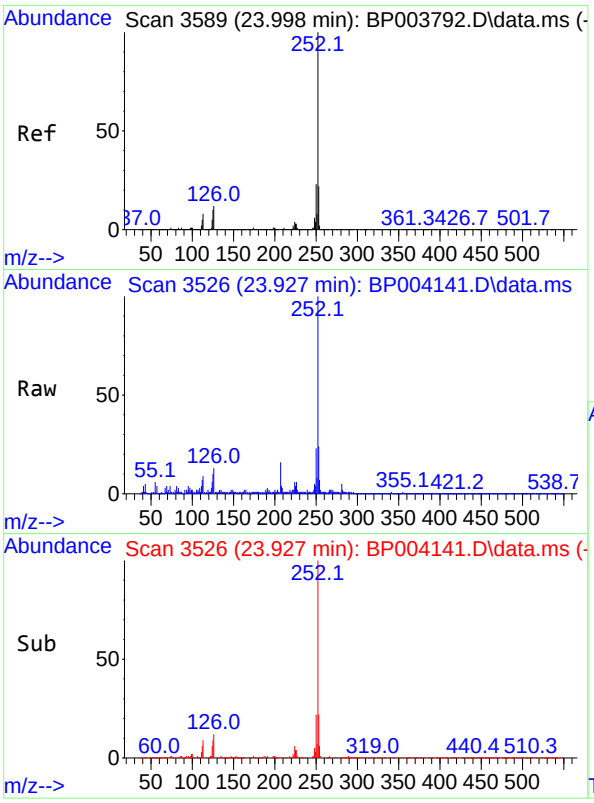
#89
Benzo(k)fluoranthene
Concen: 9.85 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.047 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:252 Resp: 384142

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	10.5	7.4	11.2



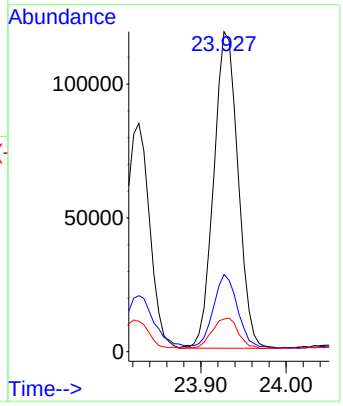
Instrument :
BNA_P
ClientSampleId :
OR-03-12220

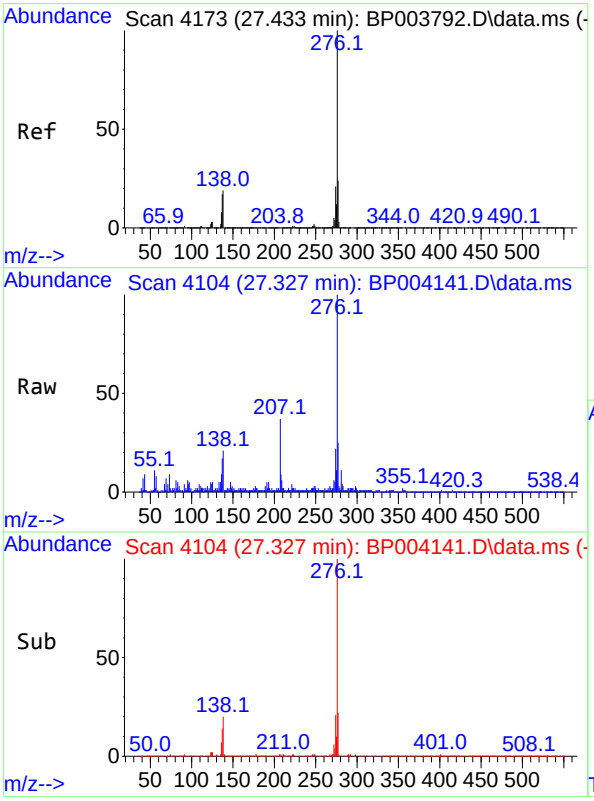


#90
Benzo(a)pyrene
Concen: 6.40 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:252 Resp: 234060

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	10.2	8.2	12.4





#92
Benzo(g,h,i)perylene
Concen: 4.98 ng
RT: 27.327 min Scan# 4104
Delta R.T. -0.006 min
Lab File: BP004141.D
Acq: 03 Dec 2020 21:59

Tgt Ion:276 Resp: 174830

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.6
138	20.8	16.6	24.8