Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUP-2

Quant Time: Sep 30 01:21:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 17:55:44 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	81907	20.00	ng	0.00
21) Naphthalene-d8	10.322	136	358169	20.00	ng	# 0.00
39) Acenaphthene-d10	14.198	164	234623	20.00	ng	-0.01
64) Phenanthrene-d10	16.957	188	535905	20.00	ng	# 0.00
76) Chrysene-d12	21.063	240	687358	20.00	ng	-0.01
86) Perylene-d12	23.257	264	724399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	539348	114.98	ng	0.00
7) Phenol-d6	6.752	99	719443	115.07	ng	0.00
23) Nitrobenzene-d5	8.693	82	472537	77.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.704	330	313581	87.63	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	969884	60.46	ng	0.00
79) Terphenyl-d14	19.545	244	1506517	45.67	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.728	122	18	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.375	237	11	6.84	ng	92
50) Dimethylphthalate	13.663	163	175606	9.37	ng	100
54) 2,4-Dinitrophenol	14.363	184	21	7.26	ng	# 1
70) Pentachlorophenol	16.686	266	54	6.78	ng	89
71) Phenanthrene	16.998	178	239023	8.20	ng	100
72) Anthracene	17.092	178	67942	2.36	ng	99
75) Fluoranthene	18.986	202	468984	12.79	ng	98
78) Pyrene	19.339	202	435015	10.15	ng	100
81) Benzo(a)anthracene	21.045	228	283348	6.38	ng	99
83) Chrysene	21.098	228	257732	6.04	ng	98
87) Indeno(1,2,3-cd)pyrene	25.480	276	185417	3.38	ng	96
88) Benzo(b)fluoranthene	22.604	252	500992	10.95	ng	96
89) Benzo(k)fluoranthene	22.604	252	500992	11.43	ng	97
90) Benzo(a)pyrene	23.162	252	274520	6.36	ng	98
92) Benzo(g,h,i)perylene	26.156	276	184475	4.08	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
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Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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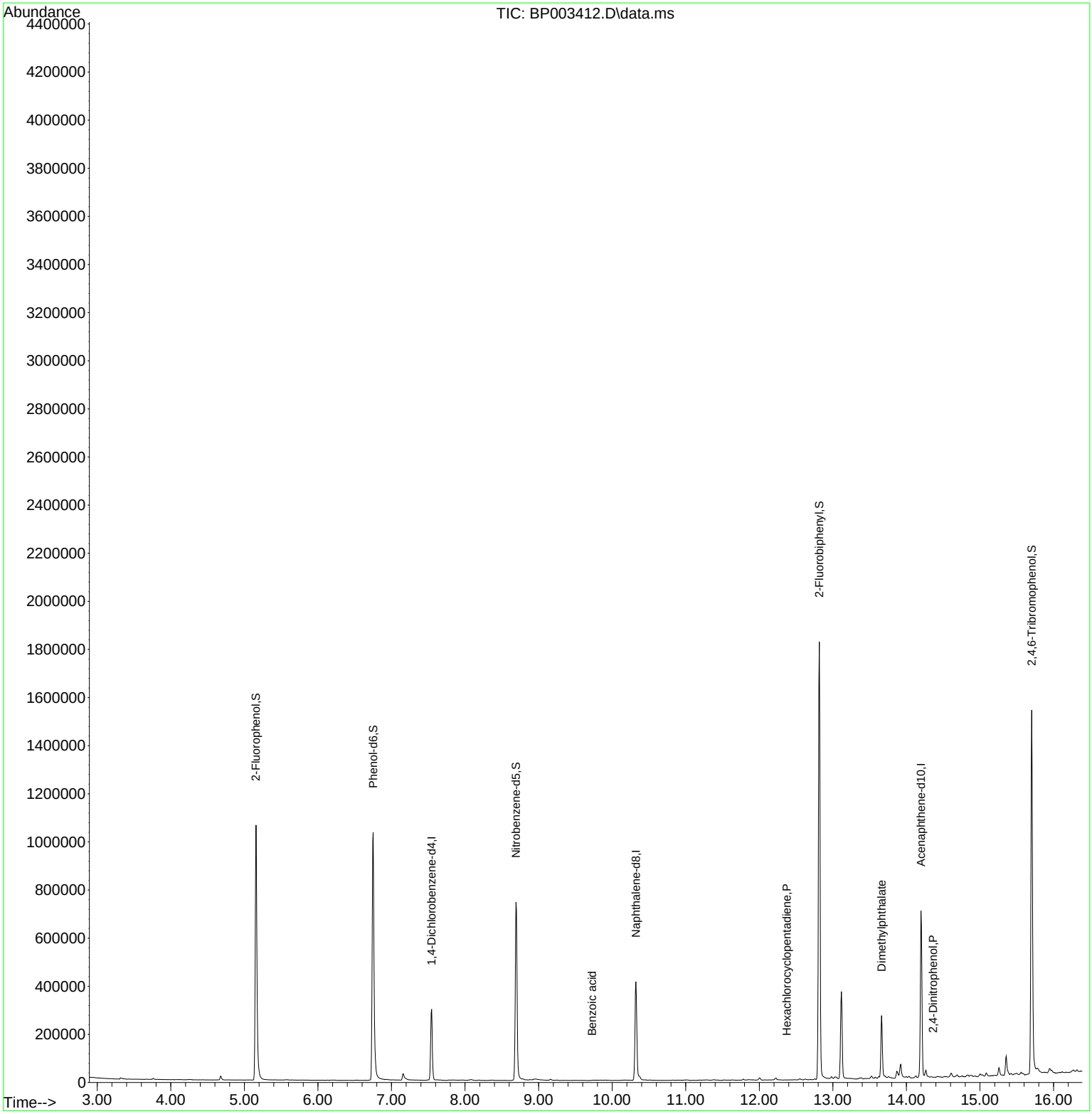
Quant Time: Sep 30 01:21:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 17:55:44 2020
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003412.D
Acq On : 29 Sep 2020 22:28
Operator : CG/JU
Sample : L4172-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Time: Sep 30 01:21:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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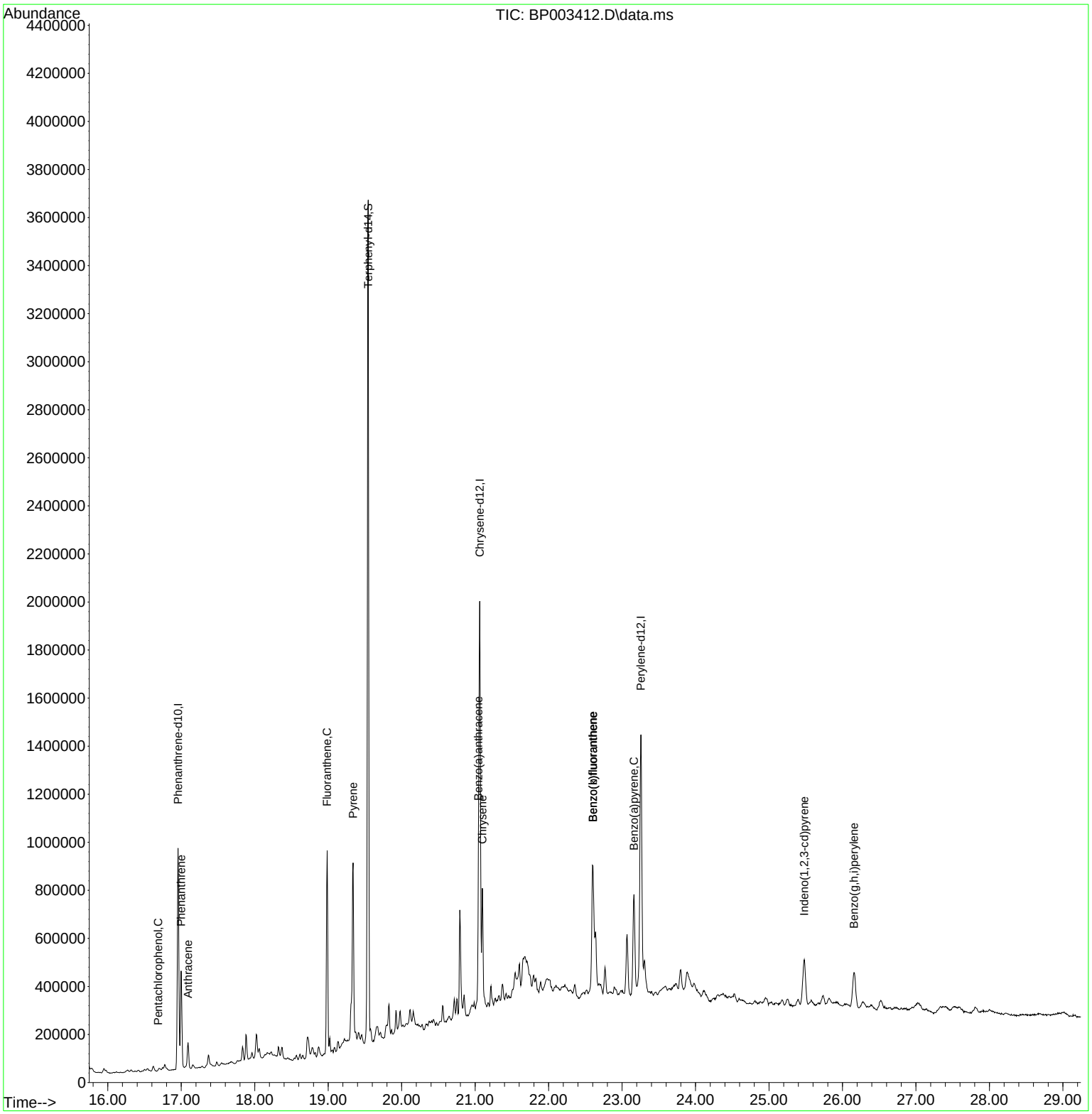

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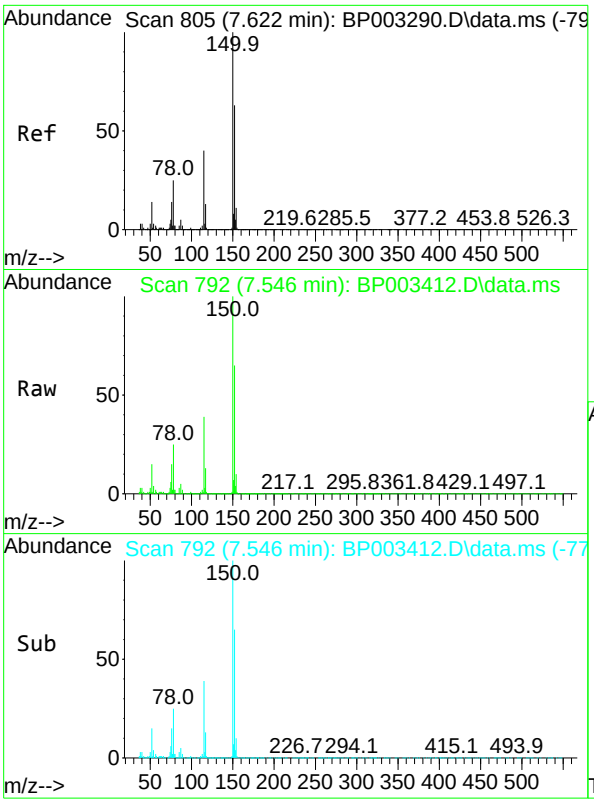
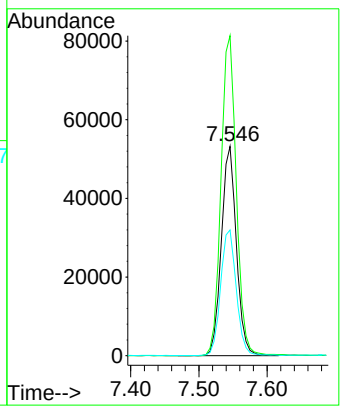
BNA_P
ClientSampleId :
DUP-2

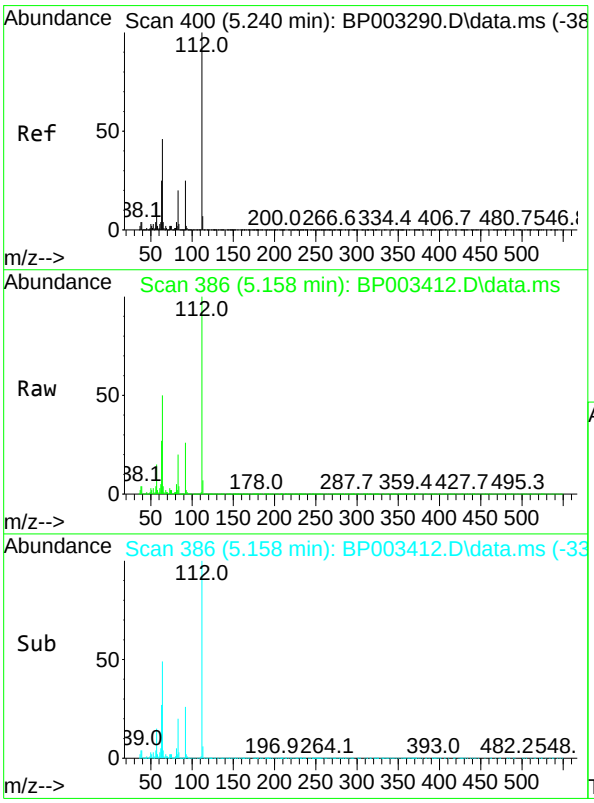


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.546 min Scan# 792
Delta R.T. -0.000 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:152 Resp: 81907

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.6
115	60.1	43.8	65.6

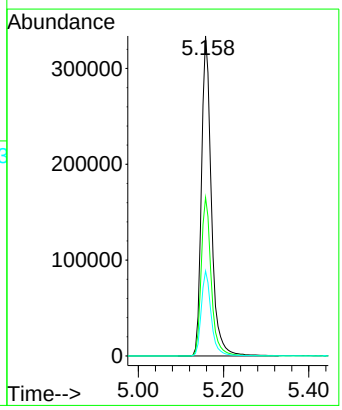




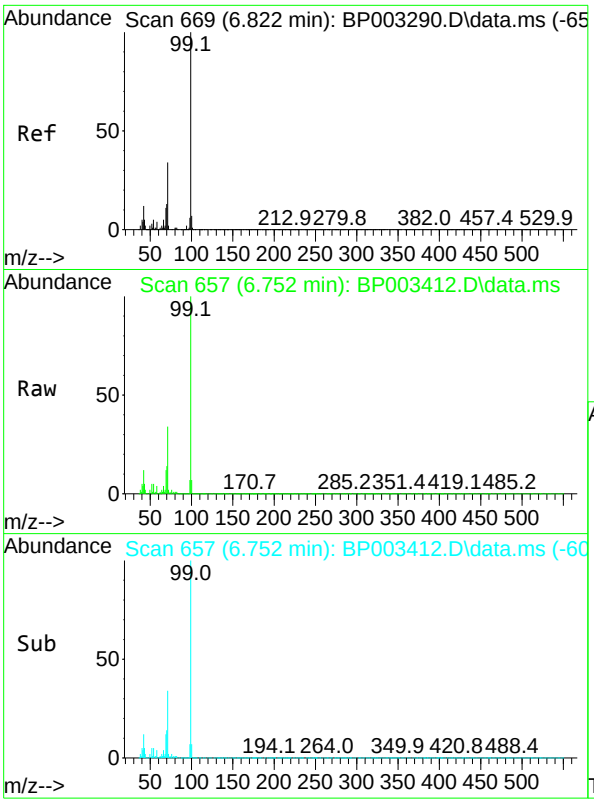
#5
2-Fluorophenol
Concen: 114.98 ng
RT: 5.158 min Scan# 386
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:112 Resp: 539348

Ion	Ratio	Lower	Upper
112	100		
64	49.5	32.8	49.2#
63	26.5	17.0	25.4#



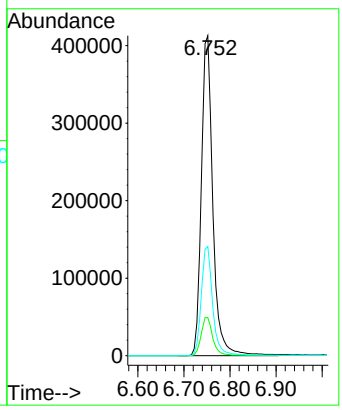
Instrument :
BNA_P
ClientSampleId :
DUP-2

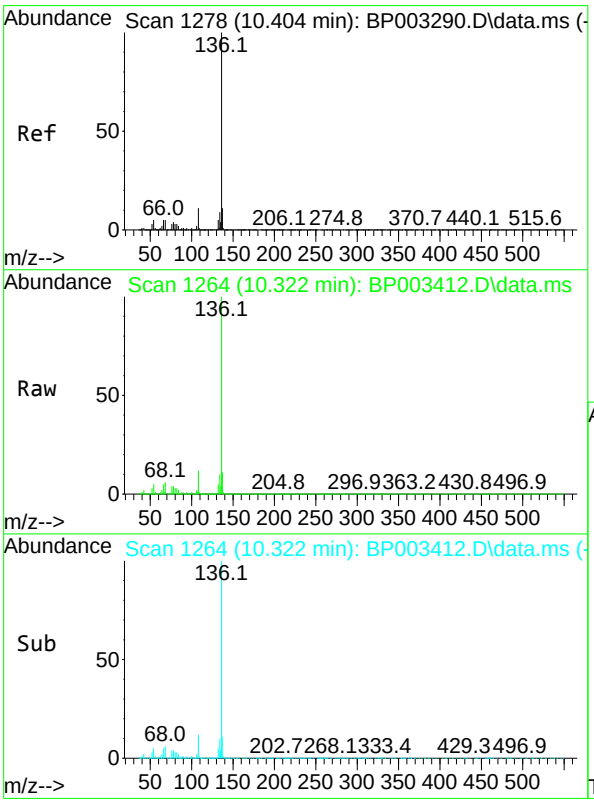


#7
Phenol-d6
Concen: 115.07 ng
RT: 6.752 min Scan# 657
Delta R.T. 0.000 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion: 99 Resp: 719443

Ion	Ratio	Lower	Upper
99	100		
42	11.9	8.6	13.0
71	34.2	23.4	35.2

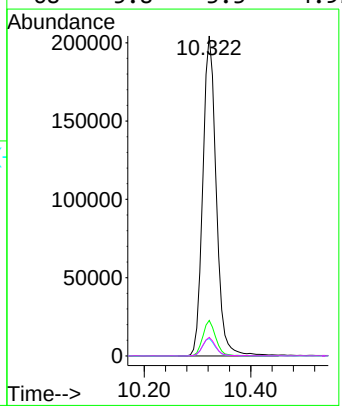




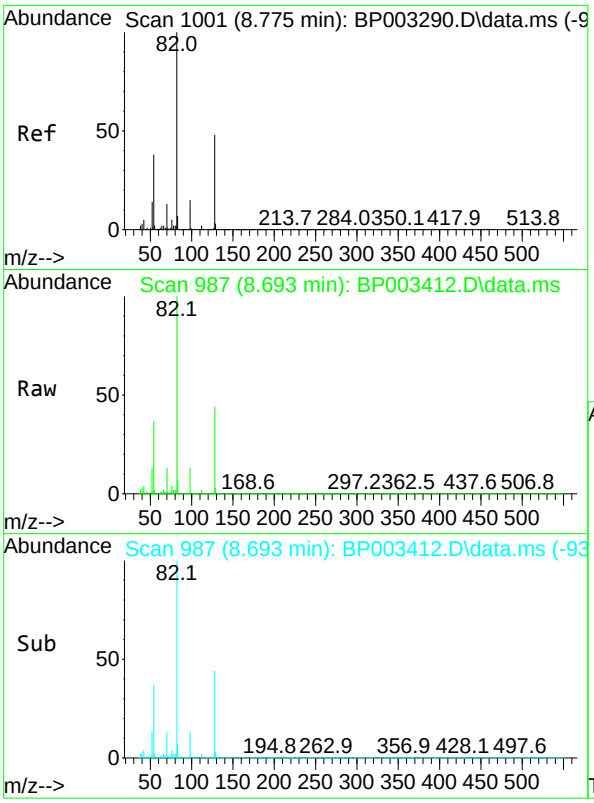
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.322 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:136 Resp: 358169

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.5	3.6	5.4#
68	5.8	3.3	4.9#



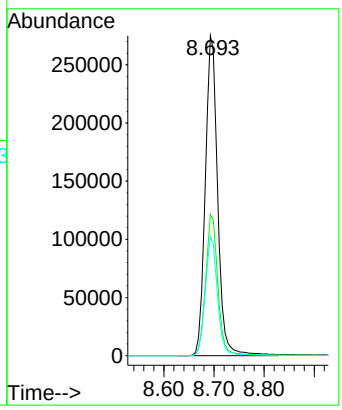
Instrument :
BNA_P
ClientSampleId :
DUP-2

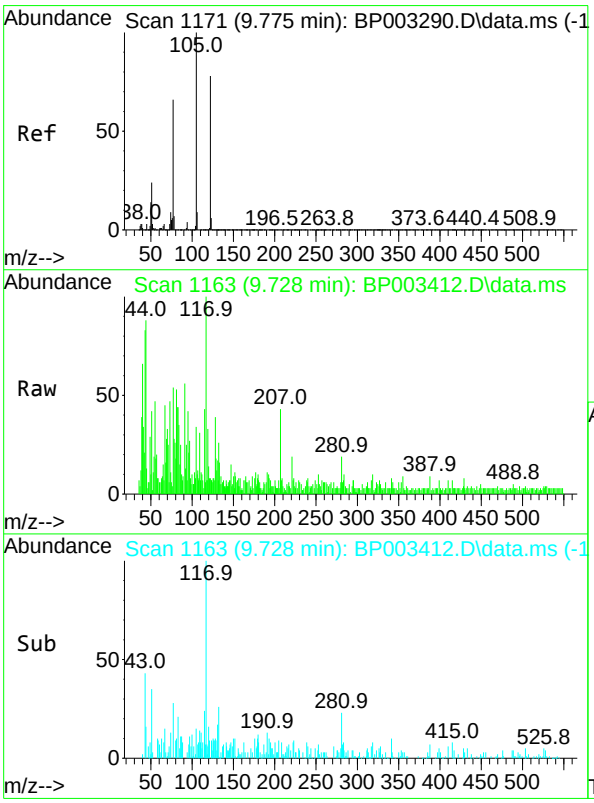


#23
Nitrobenzene-d5
Concen: 77.51 ng
RT: 8.693 min Scan# 987
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion: 82 Resp: 472537

Ion	Ratio	Lower	Upper
82	100		
128	44.2	45.6	68.4#
54	37.3	30.1	45.1

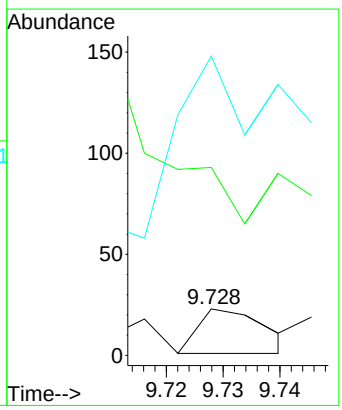




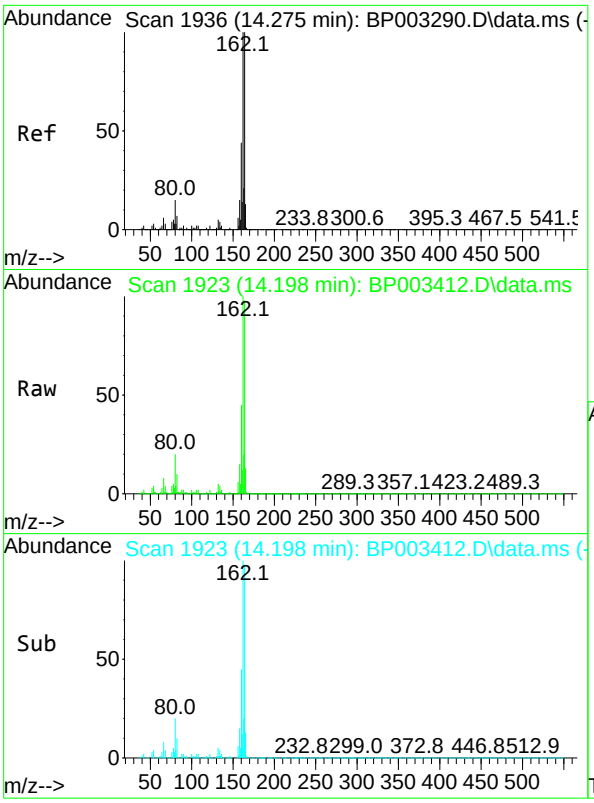
#32
Benzoic acid
Concen: 9.16 ng
RT: 9.728 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:122 Resp: 18

Ion	Ratio	Lower	Upper
122	100		
105	404.3	94.1	134.1#
77	643.5	50.1	90.1#



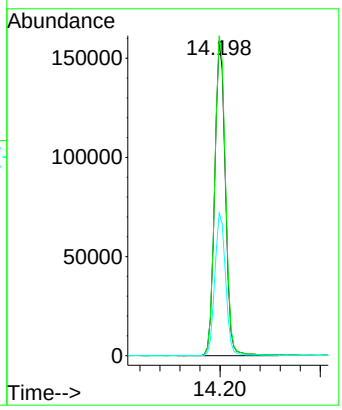
Instrument :
BNA_P
ClientSampleId :
DUP-2

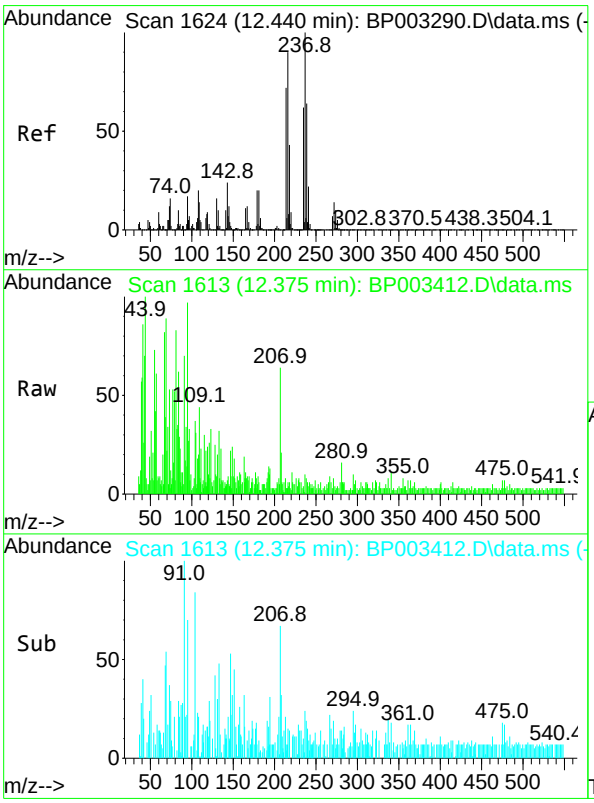


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.198 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:164 Resp: 234623

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.4	119.2
160	45.3	36.1	54.1

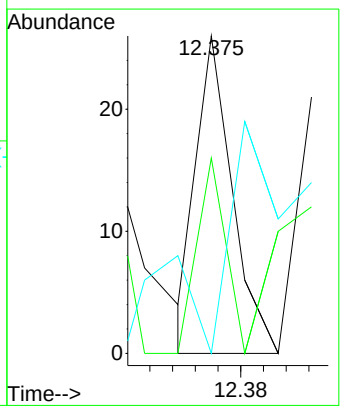




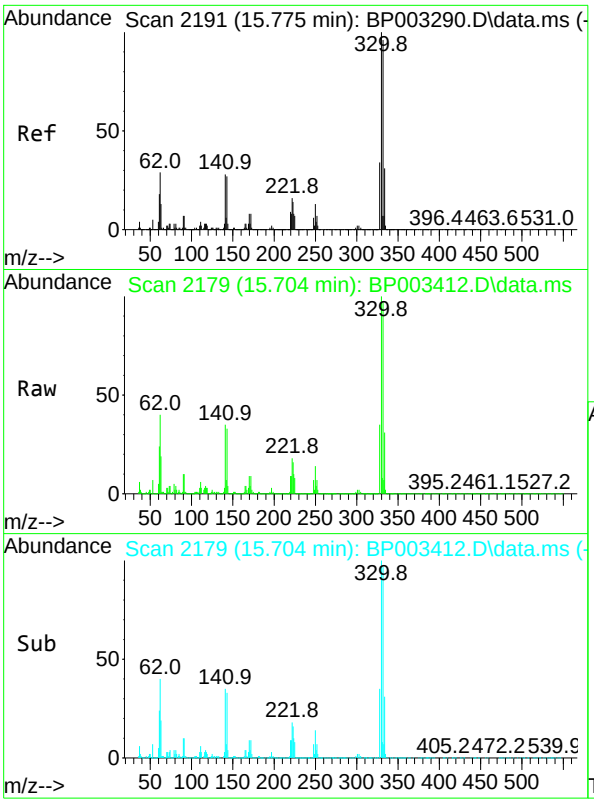
#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.375 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:237 Resp: 11

Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.2	83.2
272	0.0	0.0	33.3



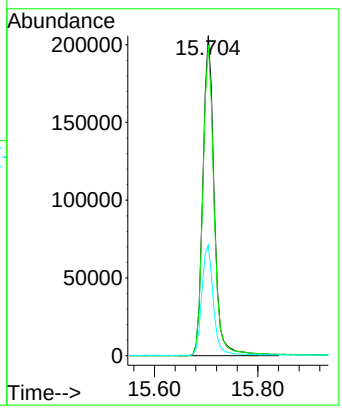
Instrument :
BNA_P
ClientSampleId :
DUP-2

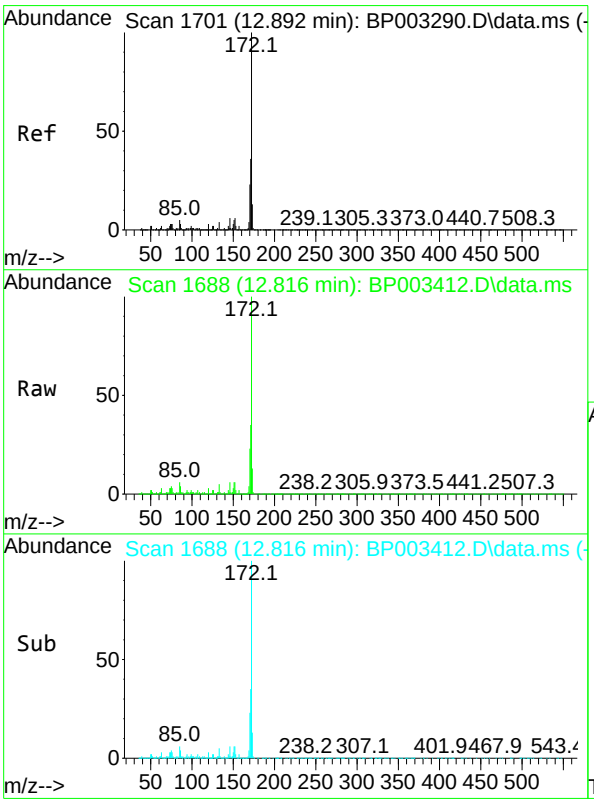


#42
2,4,6-Tribromophenol
Concen: 87.63 ng
RT: 15.704 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:330 Resp: 313581

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	35.6	23.4	35.2#

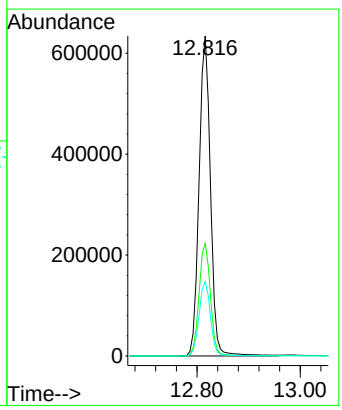




#45
2-Fluorobiphenyl
Concen: 60.46 ng
RT: 12.816 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:172 Resp: 969884

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.2	19.2	28.8



Instrument :
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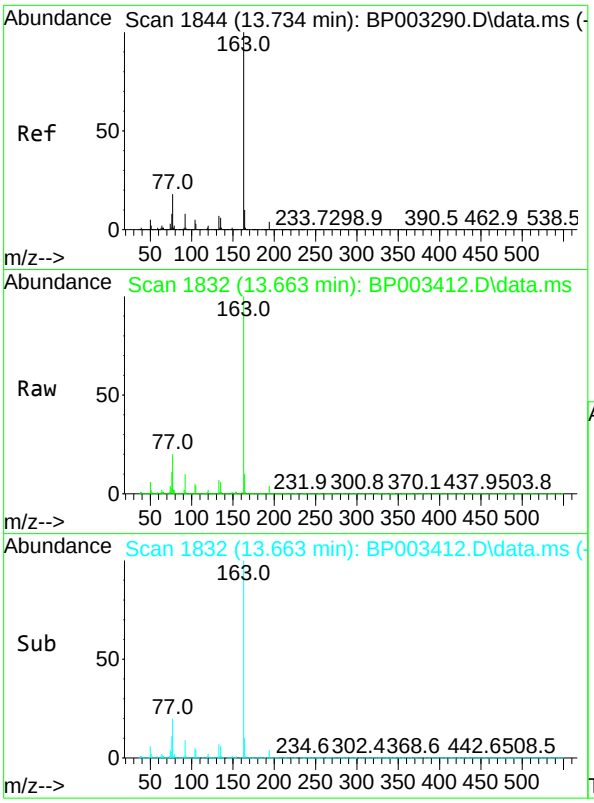
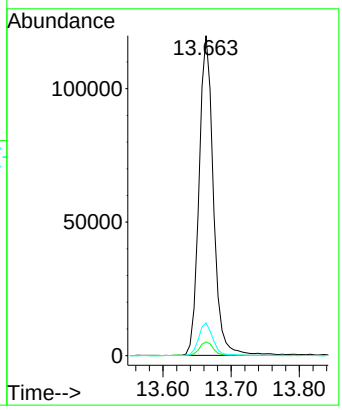
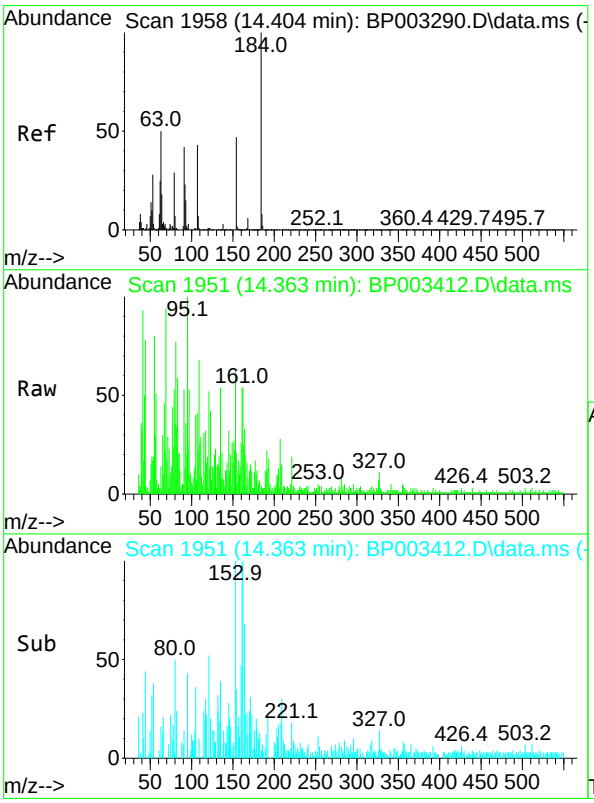


#50
Dimethylphthalate
Concen: 9.37 ng
RT: 13.663 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:163 Resp: 175606

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.3	8.2	12.2

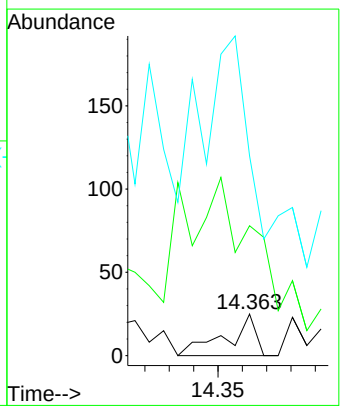




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.363 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:184 Resp: 21

Ion	Ratio	Lower	Upper
184	100		
63	312.0	32.3	48.5#
154	480.0	49.1	73.7#



Instrument :
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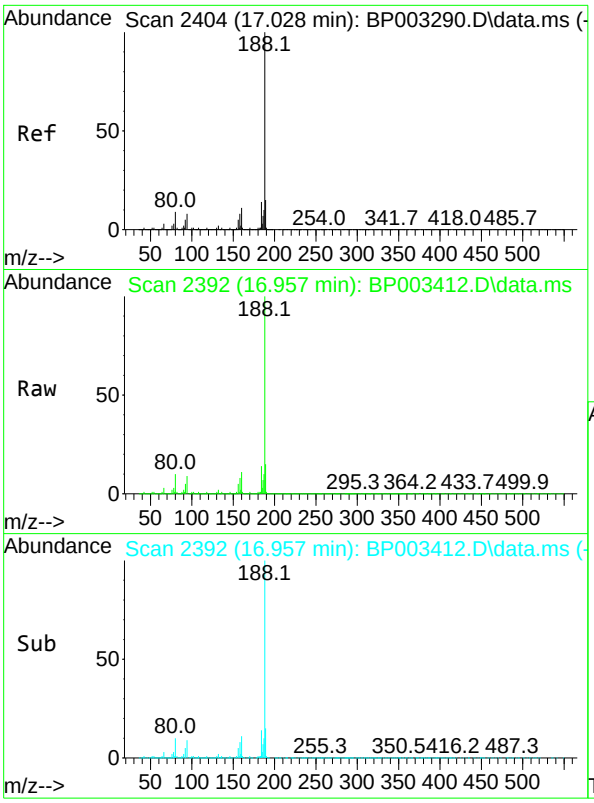
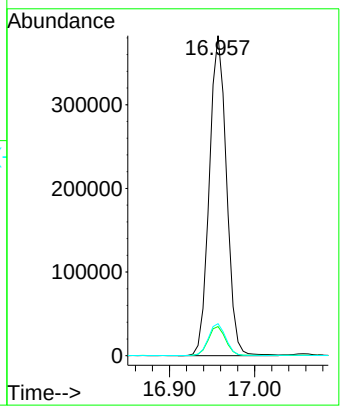
ClientSampleId :
DUP-2

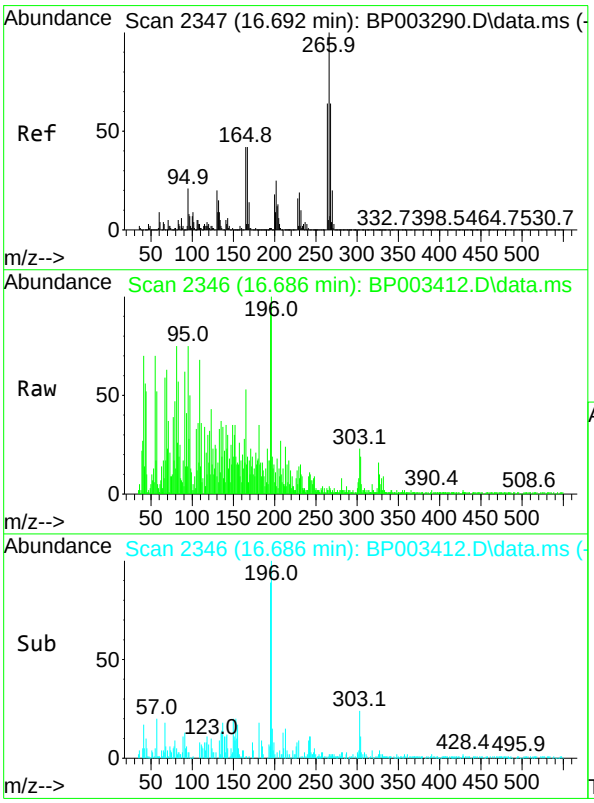


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:188 Resp: 535905

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.2	9.2
80	10.0	6.2	9.2#

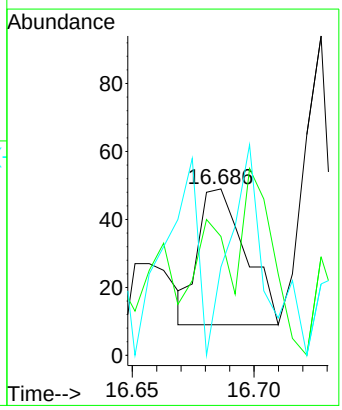


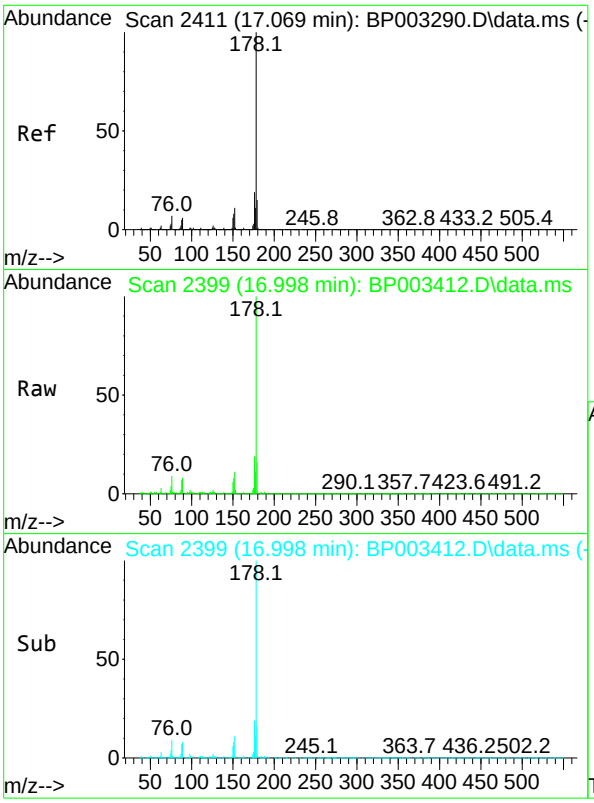


#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.686 min Scan# 2346
Delta R.T. 0.047 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
268	71.4	51.1	76.7
264	53.1	50.6	76.0

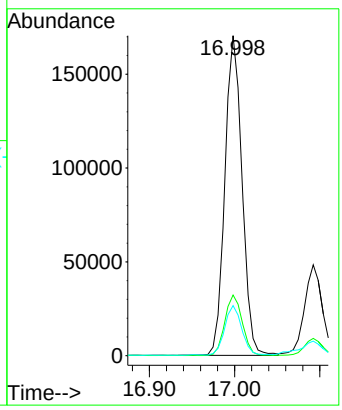




#71
Phenanthrene
Concen: 8.20 ng
RT: 16.998 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:178 Resp: 239023

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.5	18.7



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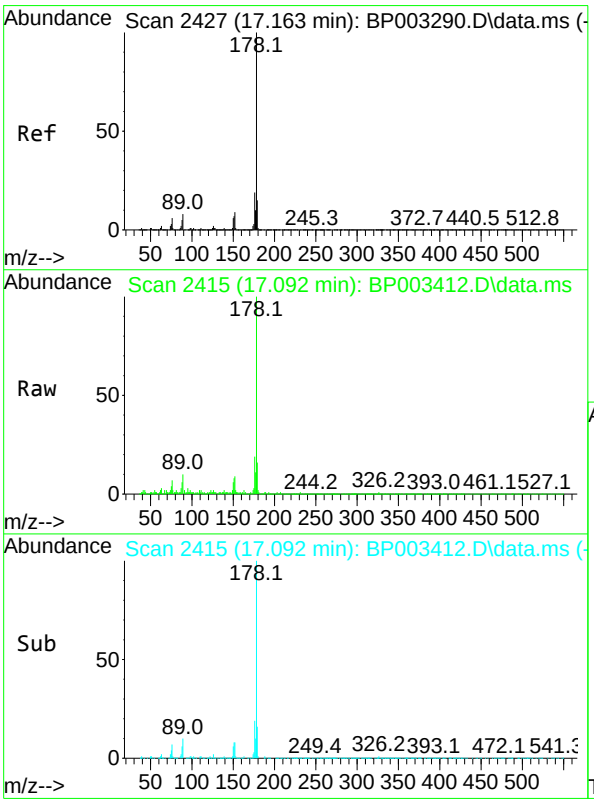
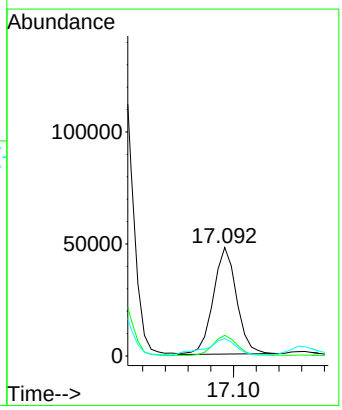


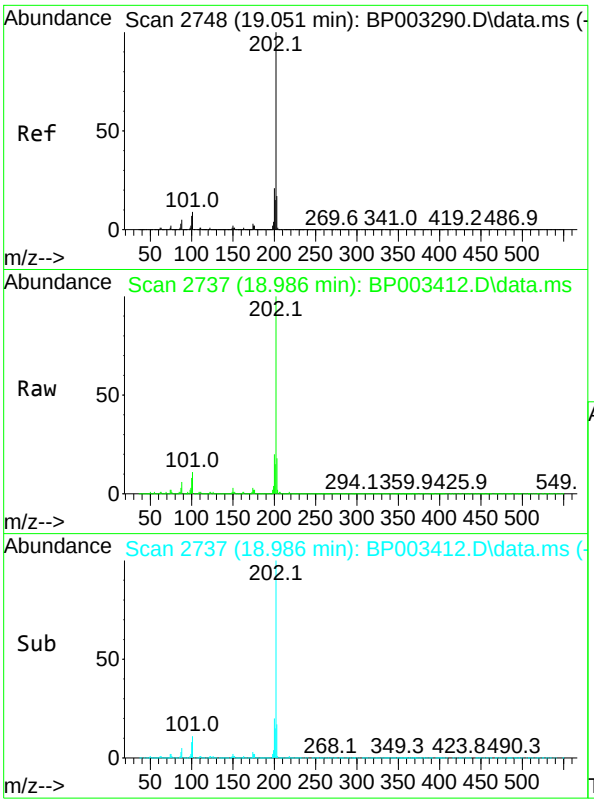
#72
Anthracene
Concen: 2.36 ng
RT: 17.092 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:178 Resp: 67942

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	16.0	12.5	18.7



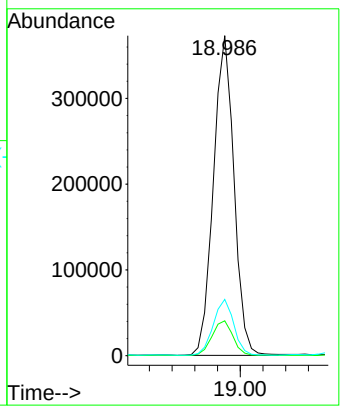
Instrument :
BNA_P
ClientSampleId :
DUP-2

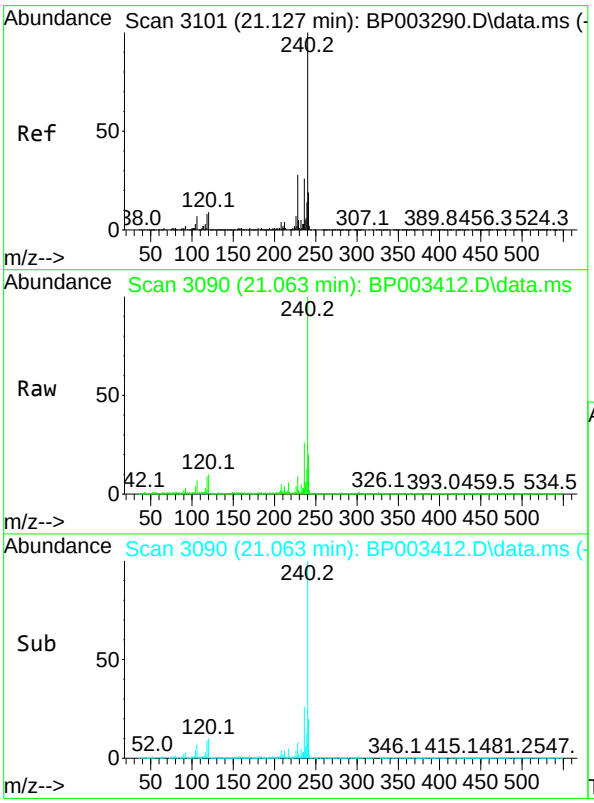


#75
Fluoranthene
Concen: 12.79 ng
RT: 18.986 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:202 Resp: 468984

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	29.4
203	17.6	0.0	37.8

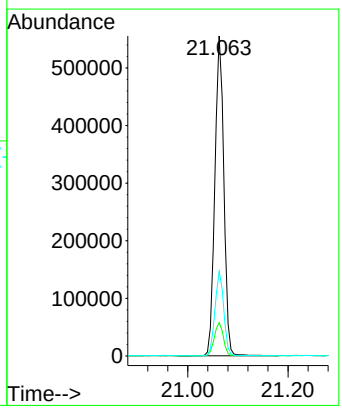




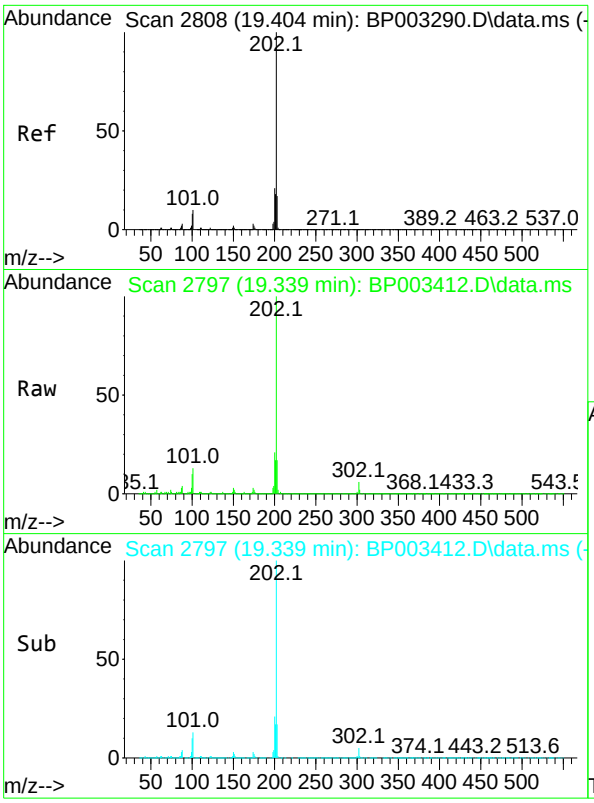
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:240 Resp: 687358

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.8	11.6
236	26.4	20.8	31.2



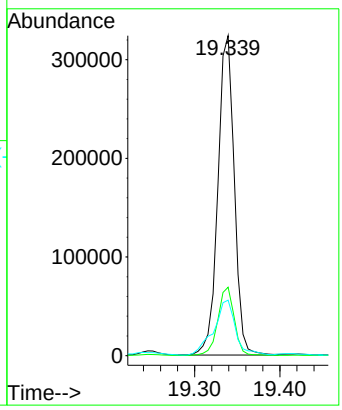
Instrument :
BNA_P
ClientSampleId :
DUP-2

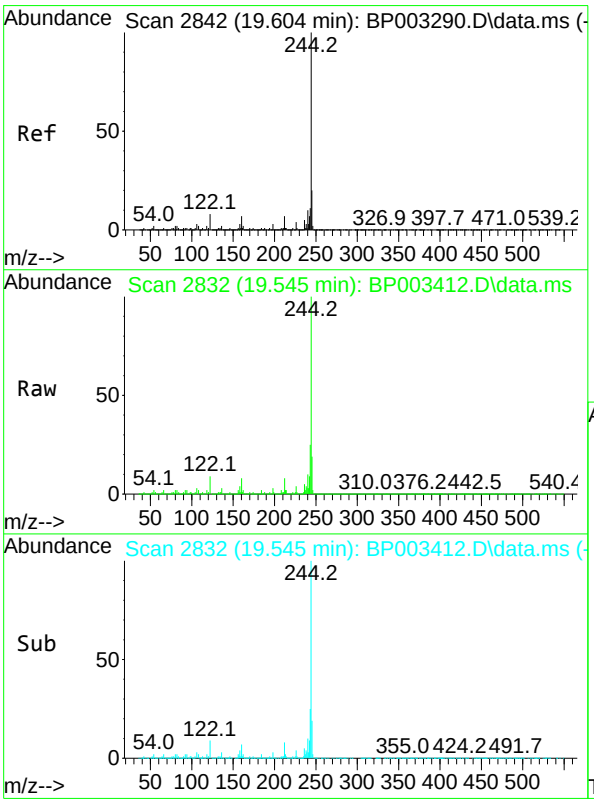


#78
Pyrene
Concen: 10.15 ng
RT: 19.339 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:202 Resp: 435015

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.4	14.2	21.2

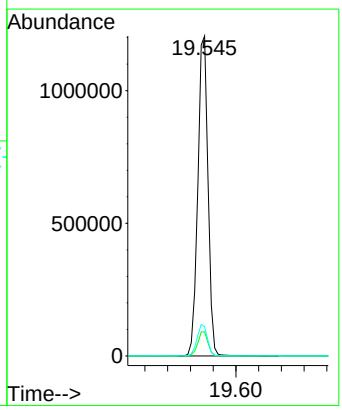




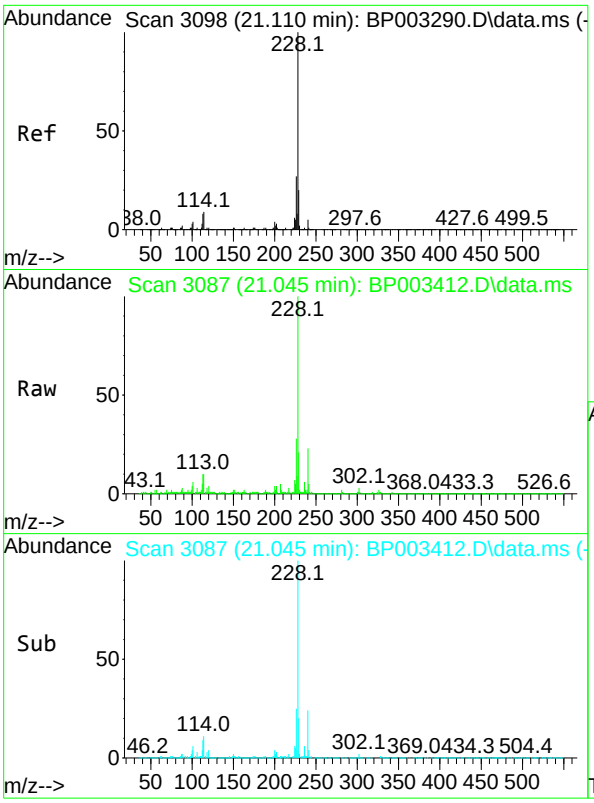
#79
Terphenyl-d14
Concen: 45.67 ng
RT: 19.545 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:244 Resp: 1506517

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.2	7.8	11.8



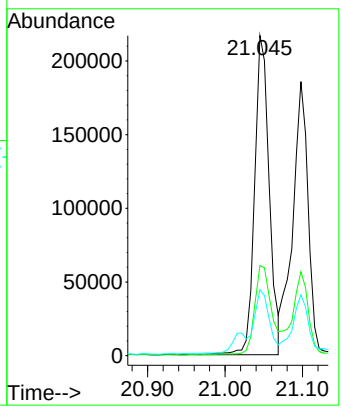
Instrument :
BNA_P
ClientSampleId :
DUP-2

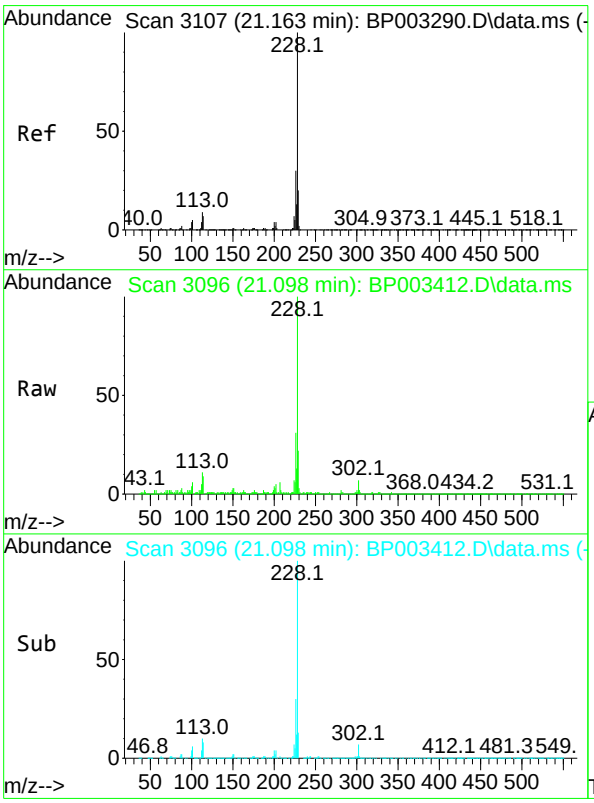


#81
Benzo(a)anthracene
Concen: 6.38 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:228 Resp: 283348

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	20.6	15.9	23.9

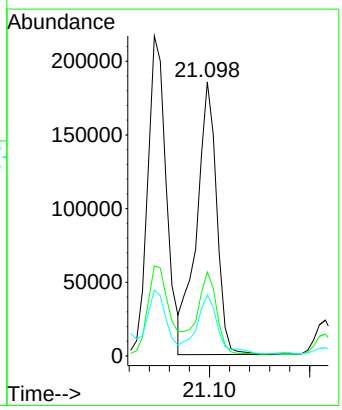




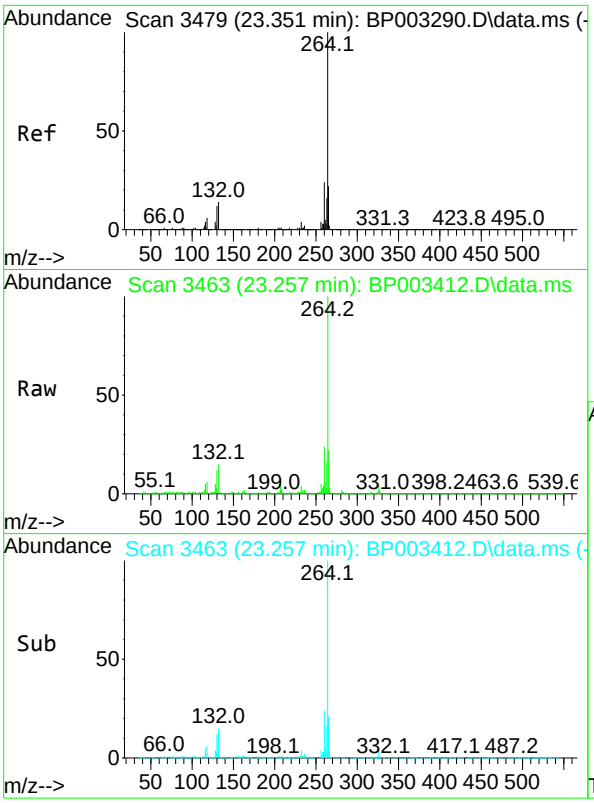
#83
Chrysene
Concen: 6.04 ng
RT: 21.098 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:228 Resp: 257732

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	22.2	15.8	23.6



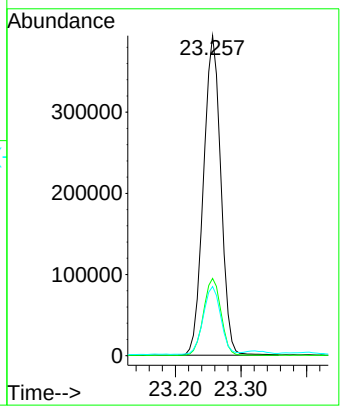
Instrument :
BNA_P
ClientSampleId :
DUP-2

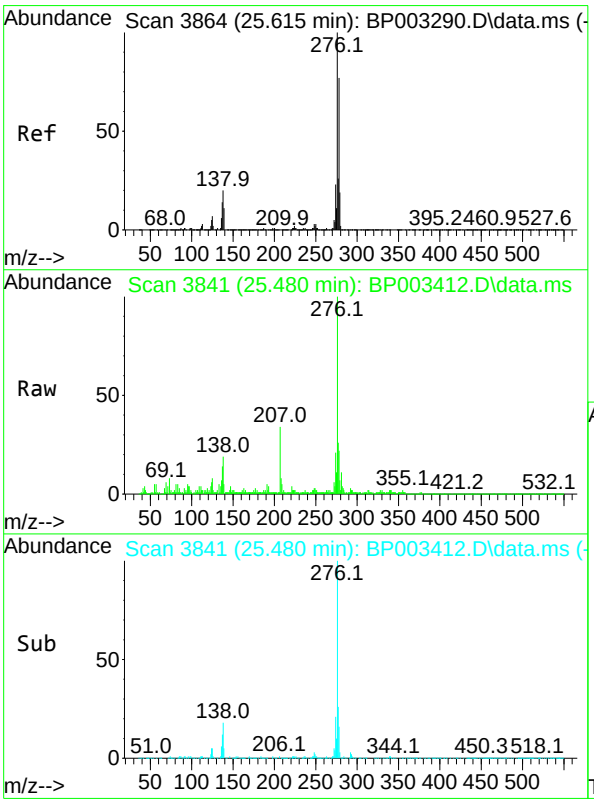


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.257 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:264 Resp: 724399

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.6	17.4	26.2

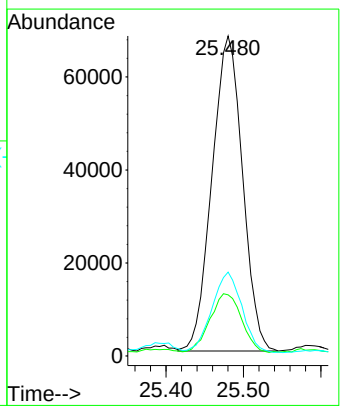




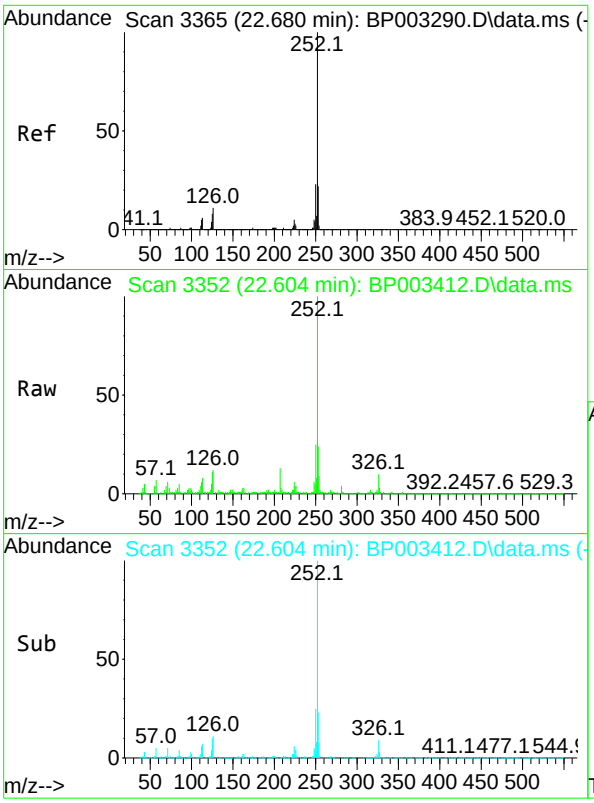
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.38 ng
RT: 25.480 min Scan# 3841
Delta R.T. -0.023 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:276 Resp: 185417

Ion	Ratio	Lower	Upper
276	100		
138	19.6	18.7	28.1
277	25.2	20.4	30.6



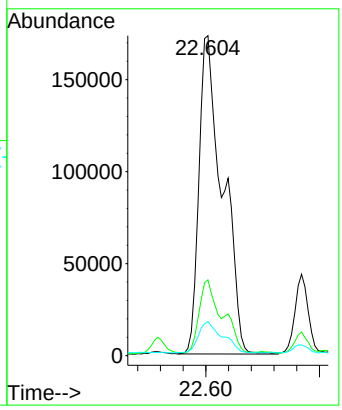
Instrument :
BNA_P
ClientSampleId :
DUP-2

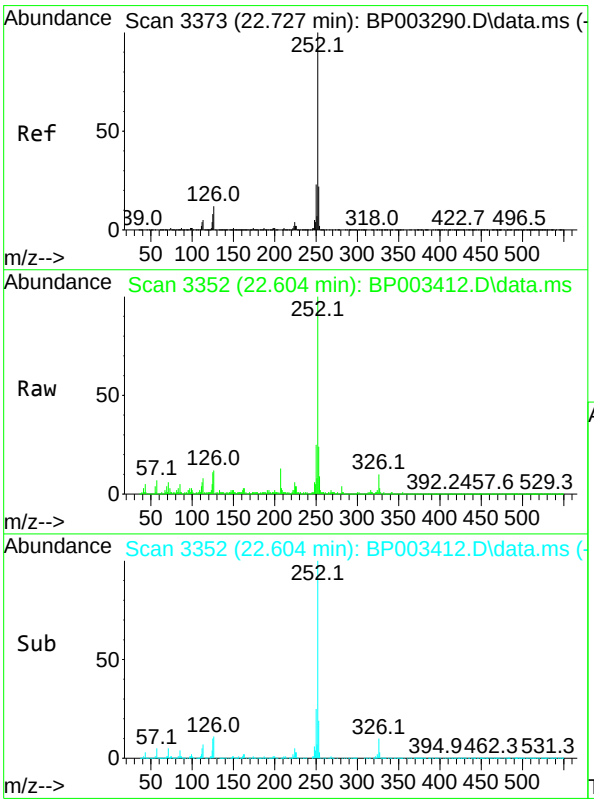


#88
Benzo(b)fluoranthene
Concen: 10.95 ng
RT: 22.604 min Scan# 3352
Delta R.T. -0.006 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:252 Resp: 500992

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	10.7	7.3	10.9

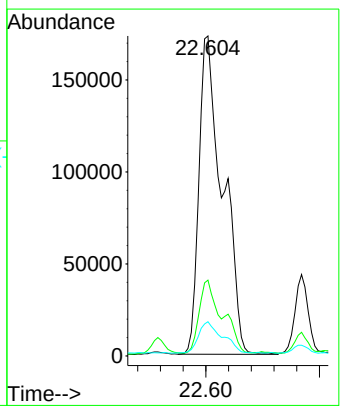




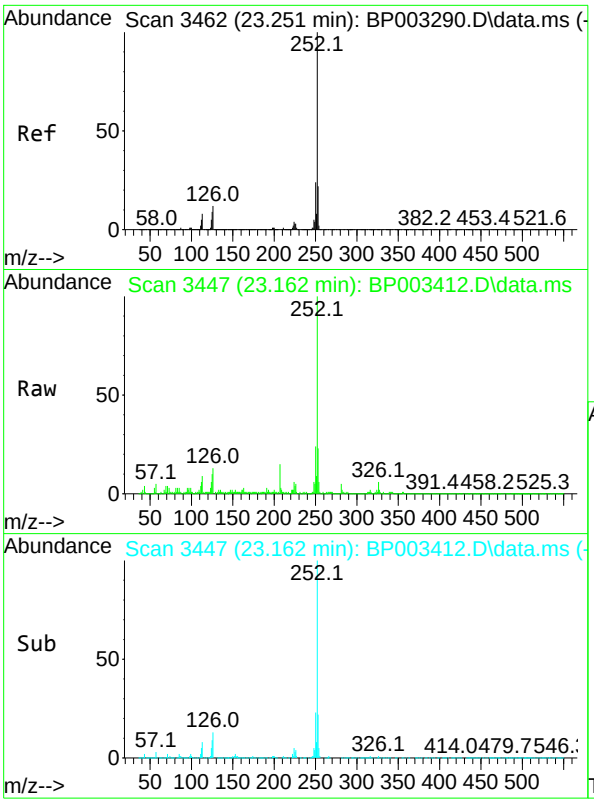
#89
Benzo(k)fluoranthene
Concen: 11.43 ng
RT: 22.604 min Scan# 3352
Delta R.T. -0.047 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:252 Resp: 500992

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	10.7	7.4	11.2



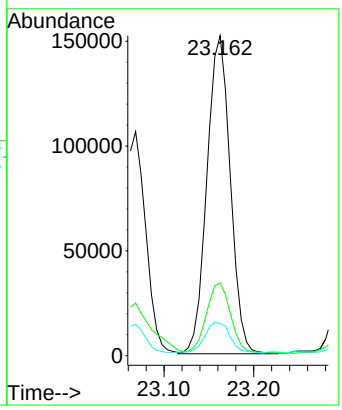
Instrument :
BNA_P
ClientSampleId :
DUP-2

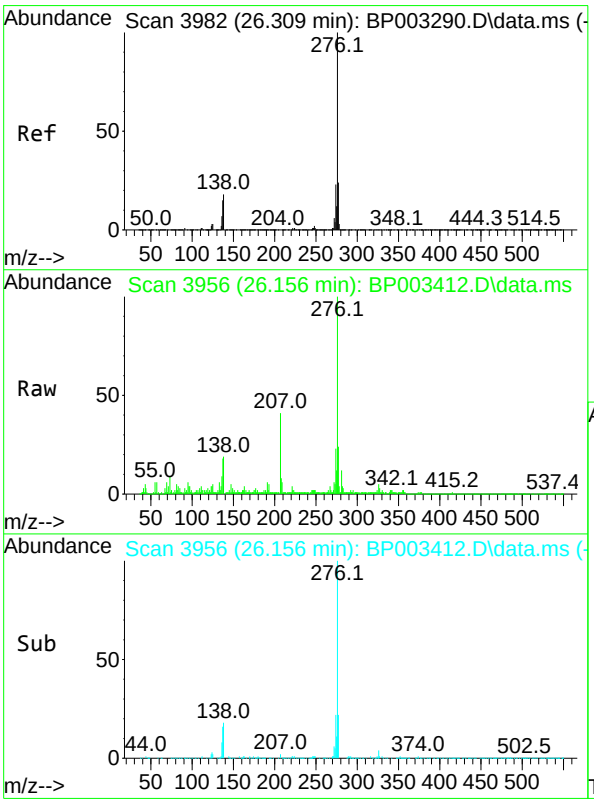


#90
Benzo(a)pyrene
Concen: 6.36 ng
RT: 23.162 min Scan# 3447
Delta R.T. -0.012 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:252 Resp: 274520

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	10.1	8.2	12.4





#92
Benzo(g,h,i)perylene
Concen: 4.08 ng
RT: 26.156 min Scan# 3956
Delta R.T. -0.029 min
Lab File: BP003412.D
Acq: 29 Sep 2020 22:28

Tgt Ion:276 Resp: 184475

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	19.5	16.6	24.8