Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092820\
Data File : BP003395.D
Acq On : 28 Sep 2020 15:58
Operator : CG/JU
Sample : L4159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 347

Quant Time: Sep 28 17:57:29 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	7.545	152	117379	20.00	ng		0.00
21) Naphthalene-d8	10.322	136	485314	20.00	ng		# 0.00
39) Acenaphthene-d10	14.204	164	306428	20.00	ng		0.00
64) Phenanthrene-d10	16.957	188	682037	20.00	ng		# 0.00
76) Chrysene-d12	21.062	240	783928	20.00	ng		-0.01
86) Perylene-d12	23.256	264	767219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	123238	18.33	ng		0.00
7) Phenol-d6	6.751	99	493736	55.10	ng		0.00
23) Nitrobenzene-d5	8.698	82	465801	56.39	ng		0.00
42) 2,4,6-Tribromophenol	15.710	330	24242	5.19	ng		0.00
45) 2-Fluorobiphenyl	12.816	172	1071244	51.13	ng		0.00
79) Terphenyl-d14	19.545	244	1751470	46.55	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.728	122	38	9.16	ng	#	1
41) Hexachlorocyclopentadiene	12.181	237	25	6.85	ng		95
50) Dimethylphthalate	13.669	163	65386	2.67	ng		98
54) 2,4-Dinitrophenol	14.380	184	81	7.28	ng	#	1
70) Pentachlorophenol	16.621	266	101	6.79	ng	#	34
71) Phenanthrene	17.004	178	385610	10.39	ng		99
72) Anthracene	17.092	178	131925	3.61	ng		99
75) Fluoranthene	18.986	202	672623	14.42	ng		98
78) Pyrene	19.339	202	855156	17.49	ng		100
81) Benzo(a)anthracene	21.051	228	395936	7.81	ng		96
83) Chrysene	21.051	228	395936	8.13	ng		95
87) Indeno(1,2,3-cd)pyrene	25.486	276	152625	2.62	ng		96
88) Benzo(b)fluoranthene	22.604	252	492957	10.17	ng	#	94
89) Benzo(k)fluoranthene	22.604	252	492957	10.62	ng	#	95
90) Benzo(a)pyrene	23.162	252	305555	6.69	ng	#	94
92) Benzo(g,h,i)perylene	26.162	276	196864	4.11	ng		99

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

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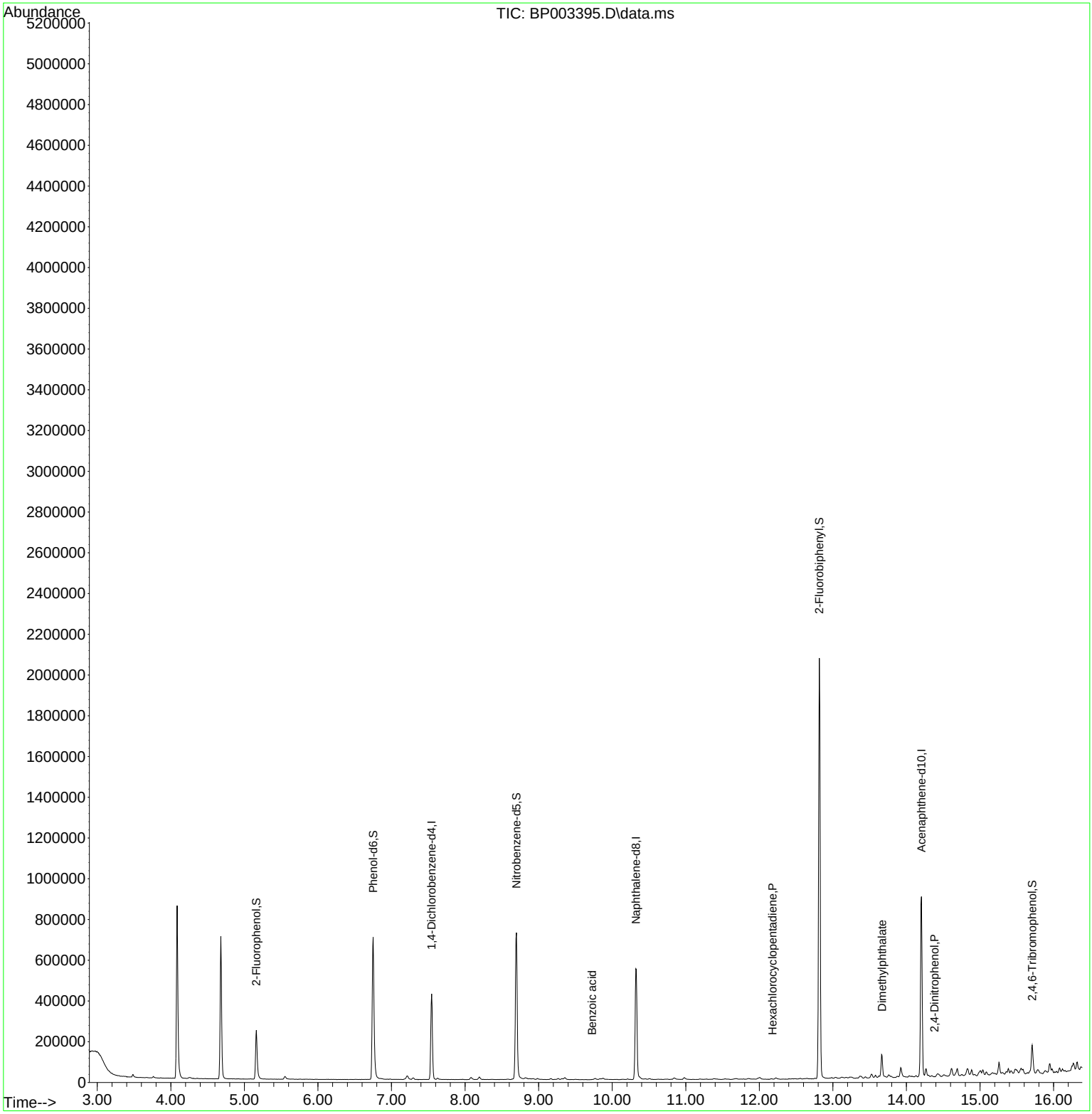
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 17:55:44 2020
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092820\
Data File : BP003395.D
Acq On : 28 Sep 2020 15:58
Operator : CG/JU
Sample : L4159-01
Misc :
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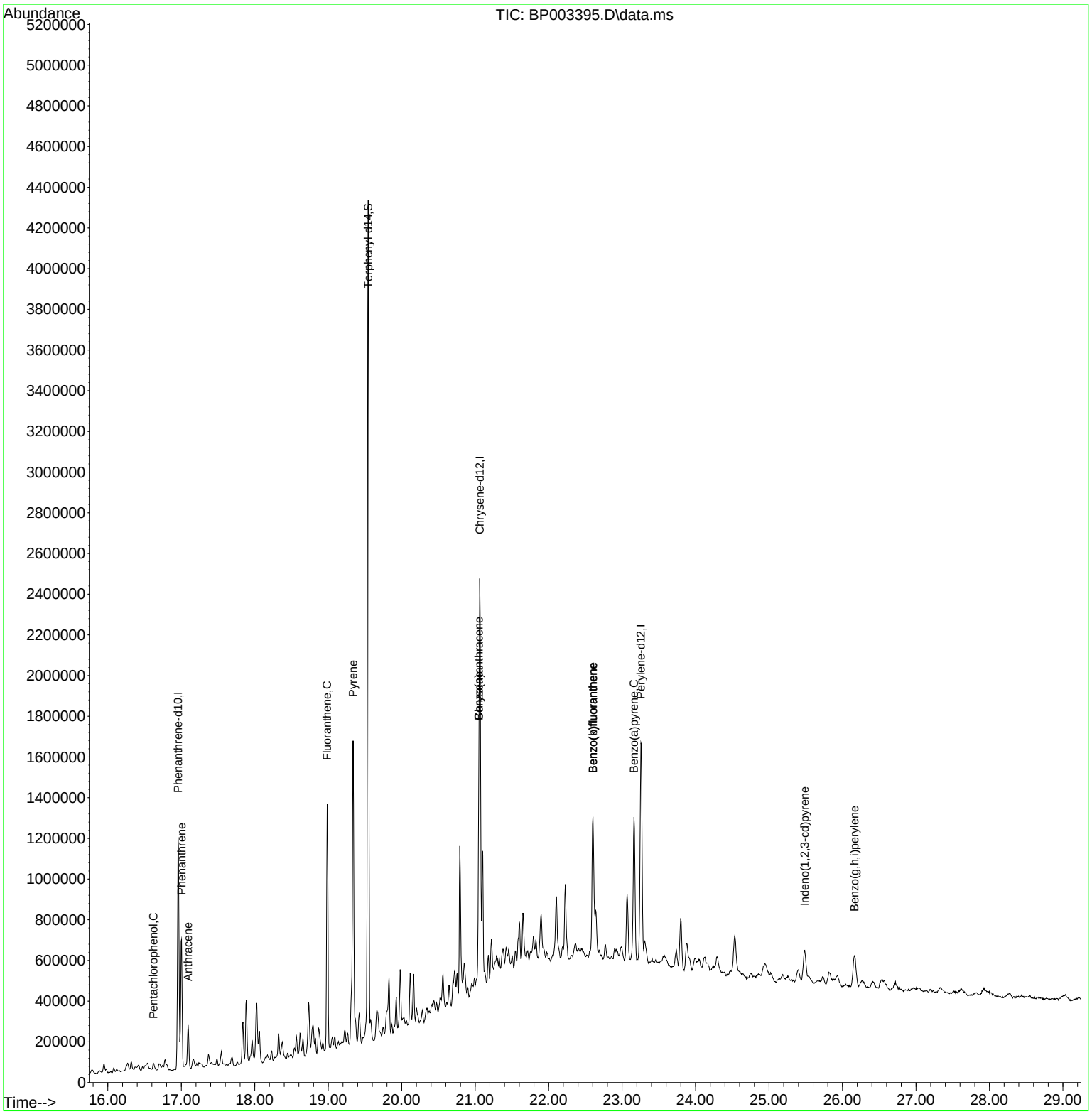
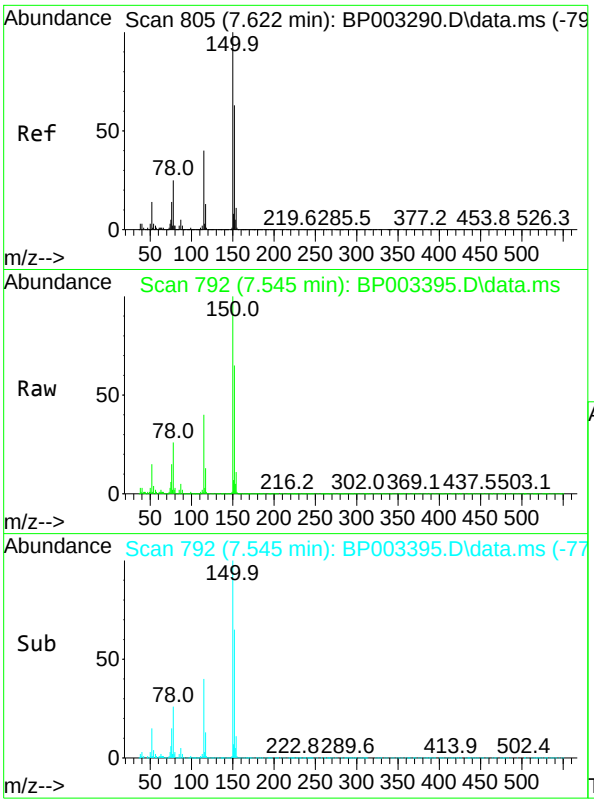
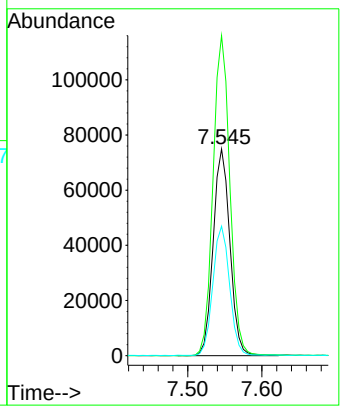




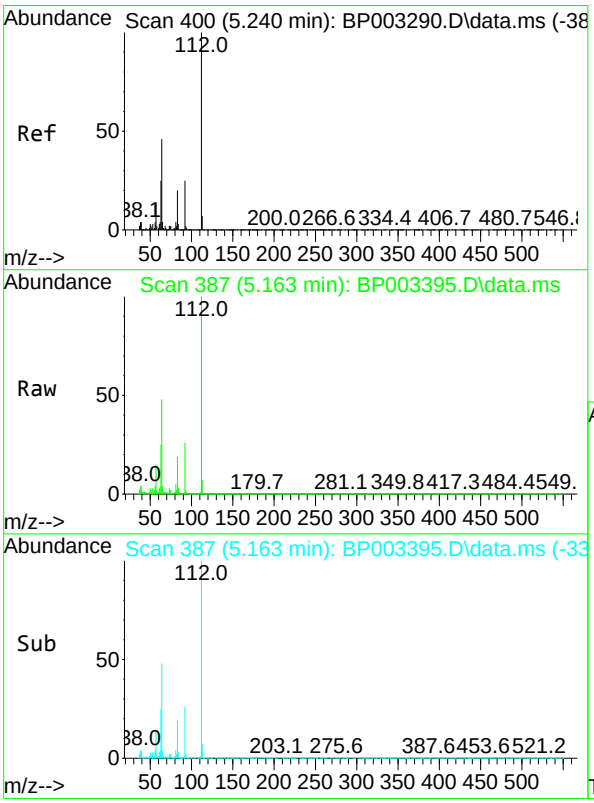
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.545 min Scan# 792
Delta R.T. -0.001 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:152 Resp: 117379

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	62.7	43.8	65.6



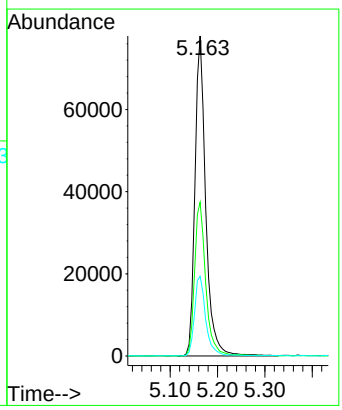
Instrument :
BNA_P
ClientSampleId :
347



#5
2-Fluorophenol
Concen: 18.33 ng
RT: 5.163 min Scan# 387
Delta R.T. -0.000 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:112 Resp: 123238

Ion	Ratio	Lower	Upper
112	100		
64	48.0	32.8	49.2
63	24.9	17.0	25.4



Instrument :
BNA_P
ClientSampleId :
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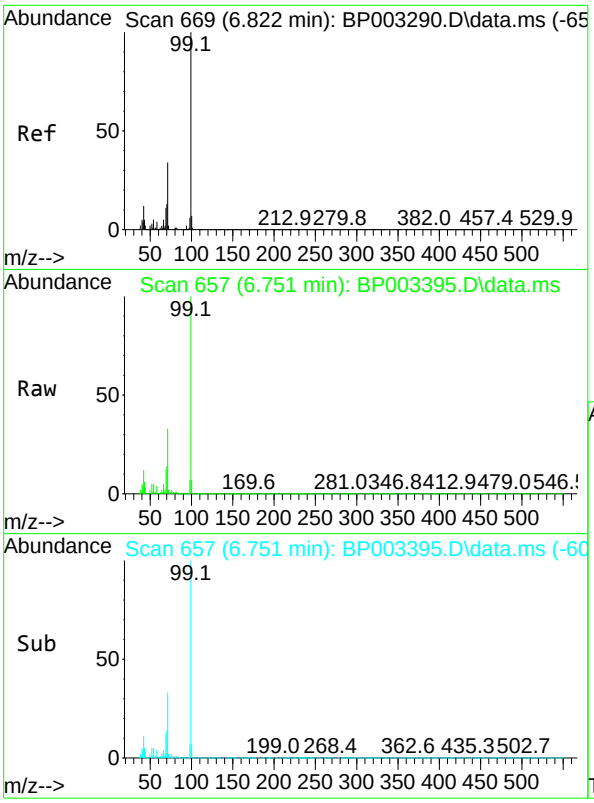
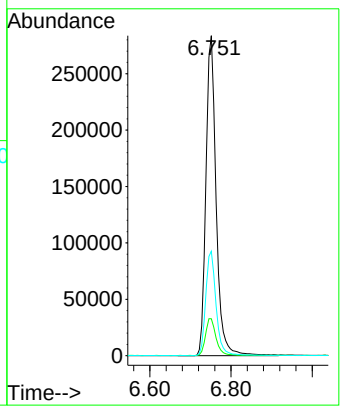
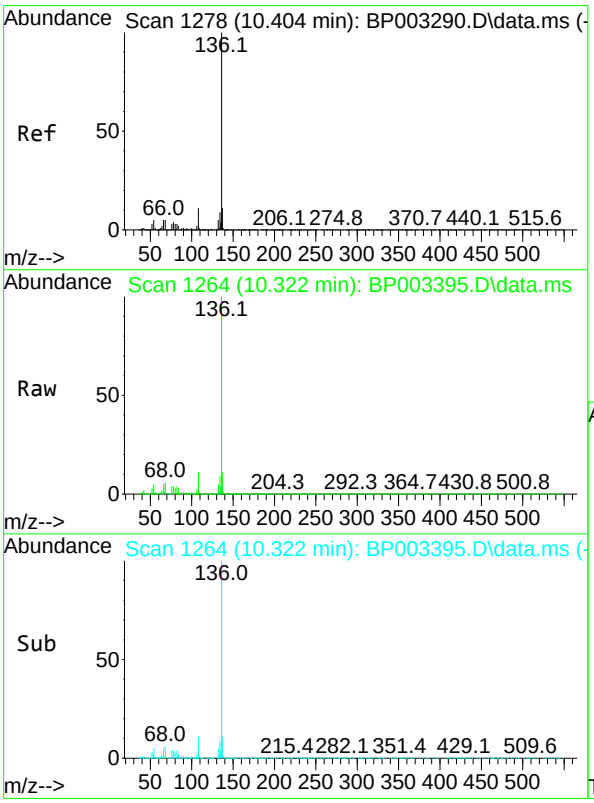


#7
Phenol-d6
Concen: 55.10 ng
RT: 6.751 min Scan# 657
Delta R.T. -0.000 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion: 99 Resp: 493736

Ion	Ratio	Lower	Upper
99	100		
42	11.6	8.6	13.0
71	32.6	23.4	35.2

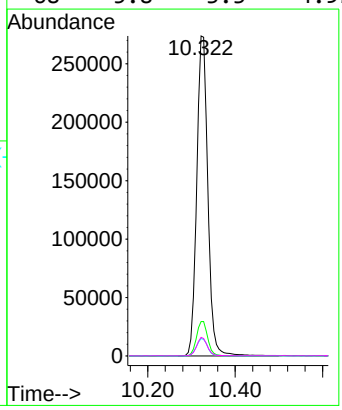




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.322 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:136 Resp: 485314

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.4	3.6	5.4#
68	5.8	3.3	4.9#



Instrument :
BNA_P
ClientSampleId :
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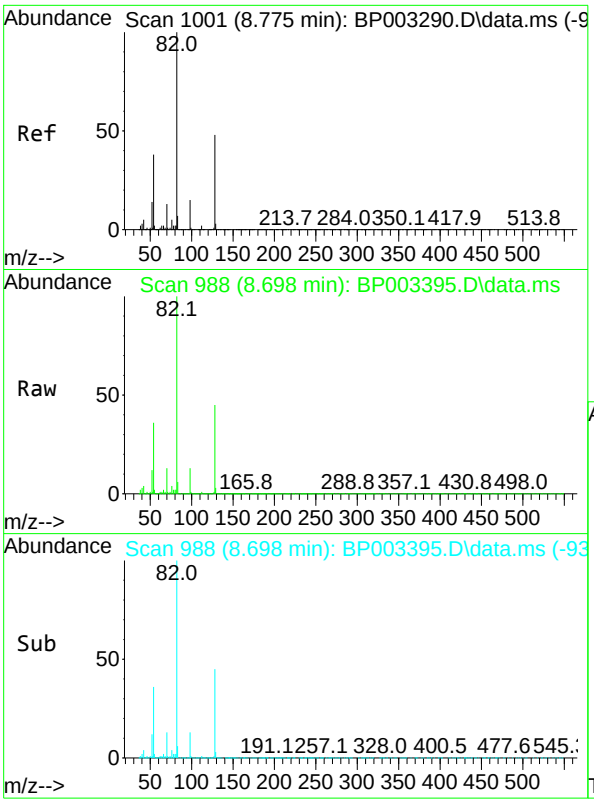
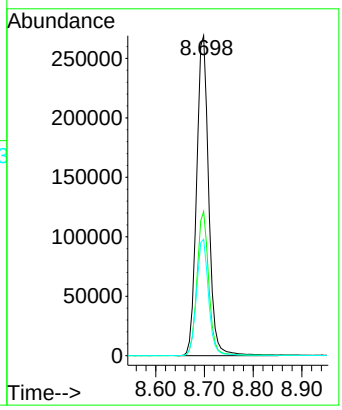
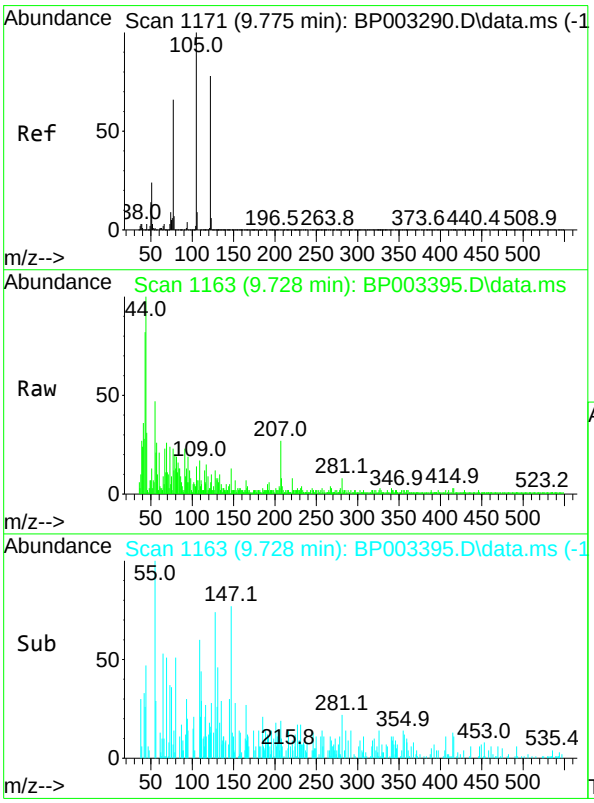


#23
Nitrobenzene-d5
Concen: 56.39 ng
RT: 8.698 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion: 82 Resp: 465801

Ion	Ratio	Lower	Upper
82	100		
128	45.1	45.6	68.4#
54	36.4	30.1	45.1

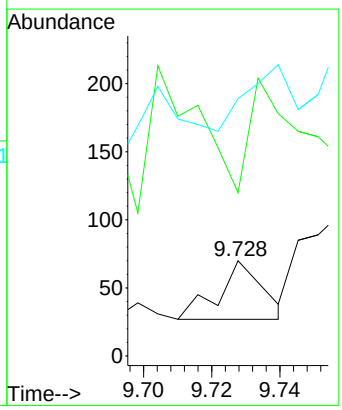




#32
Benzoic acid
Concen: 9.16 ng
RT: 9.728 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:122 Resp: 38

Ion	Ratio	Lower	Upper
122	100		
105	171.4	94.1	134.1#
77	270.0	50.1	90.1#



Instrument :
BNA_P
ClientSampleId :
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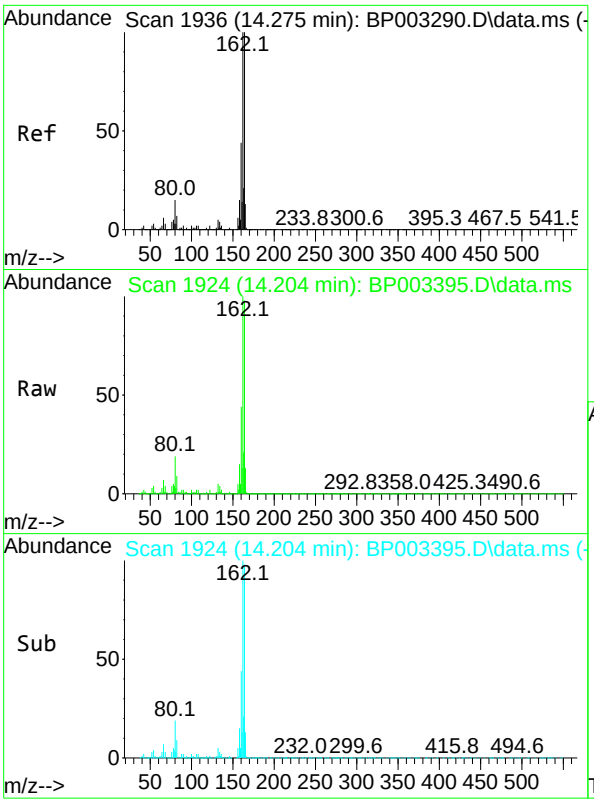
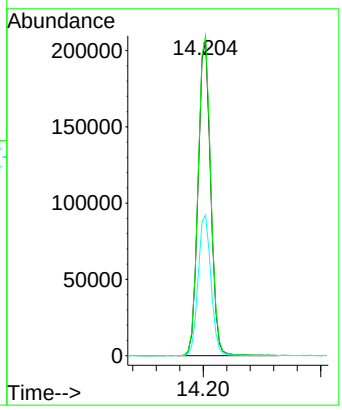
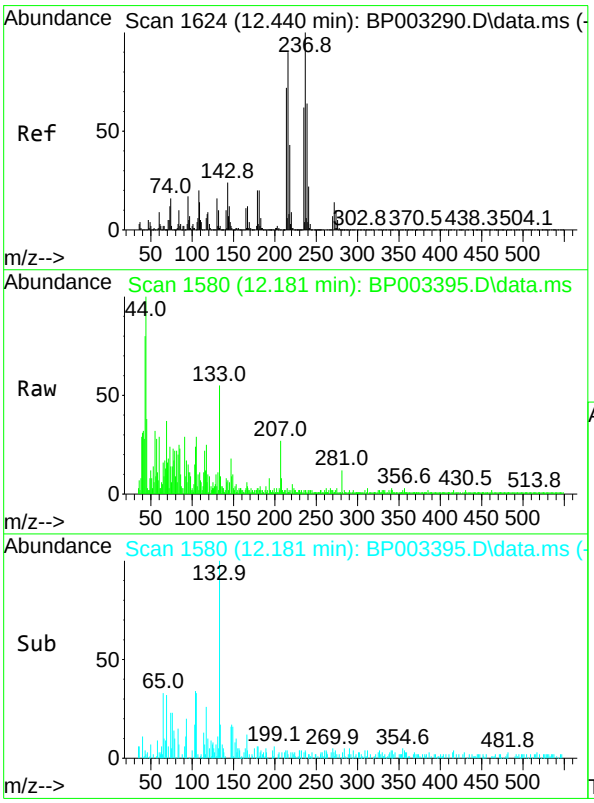


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.204 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:164 Resp: 306428

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.4	119.2
160	44.6	36.1	54.1

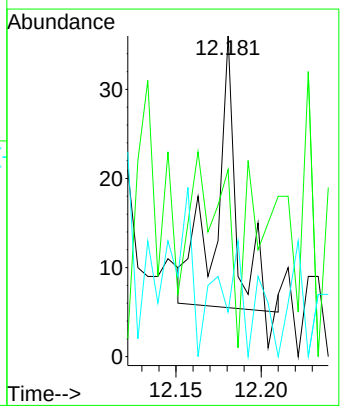




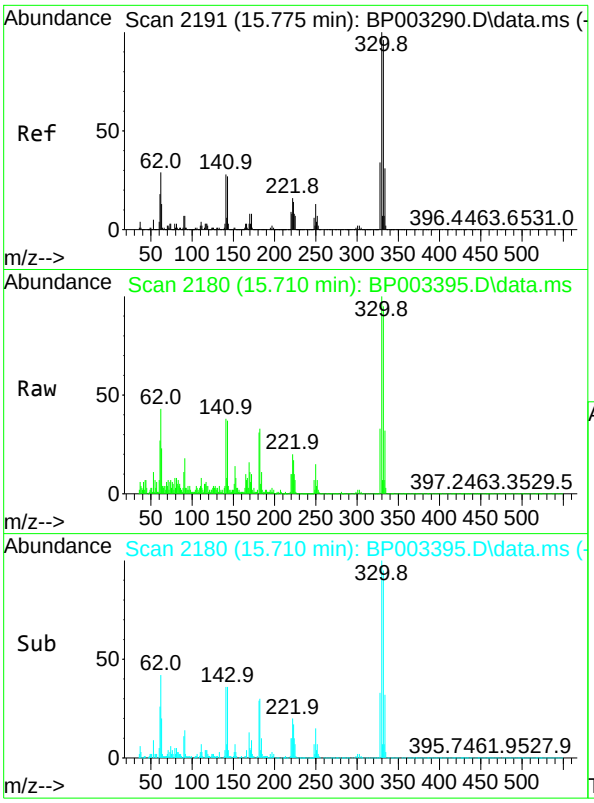
#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.181 min Scan# 1580
Delta R.T. -0.188 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:237 Resp: 25

Ion	Ratio	Lower	Upper
237	100		
235	58.3	43.2	83.2
272	13.9	0.0	33.3



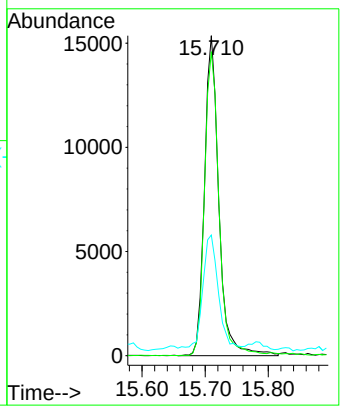
Instrument :
BNA_P
ClientSampleId :
347

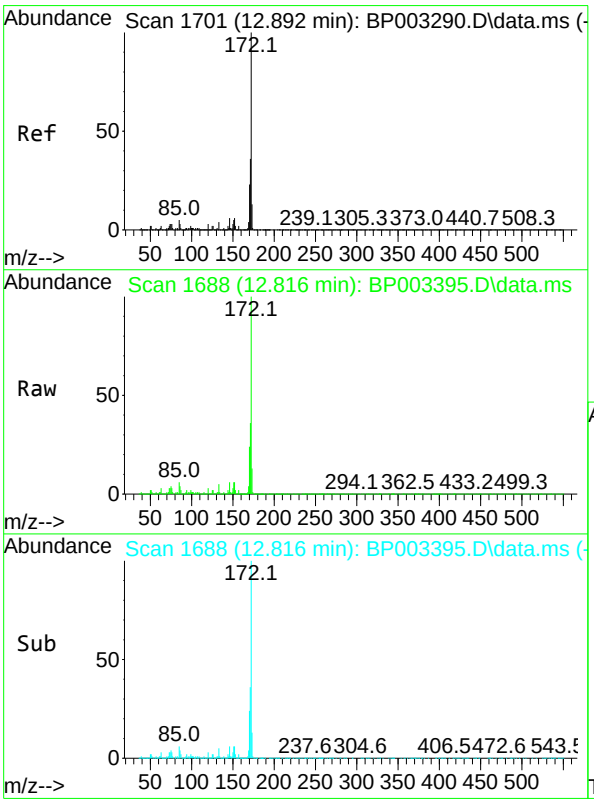


#42
2,4,6-Tribromophenol
Concen: 5.19 ng
RT: 15.710 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:330 Resp: 24242

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	38.7	23.4	35.2#

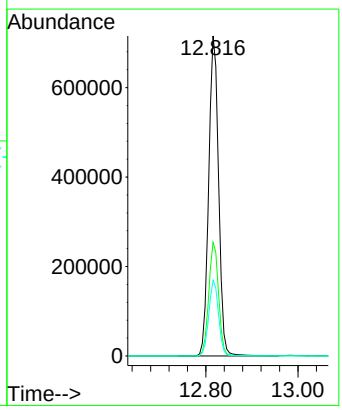




#45
2-Fluorobiphenyl
Concen: 51.13 ng
RT: 12.816 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:172 Resp: 1071244

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.7	19.2	28.8



Instrument :
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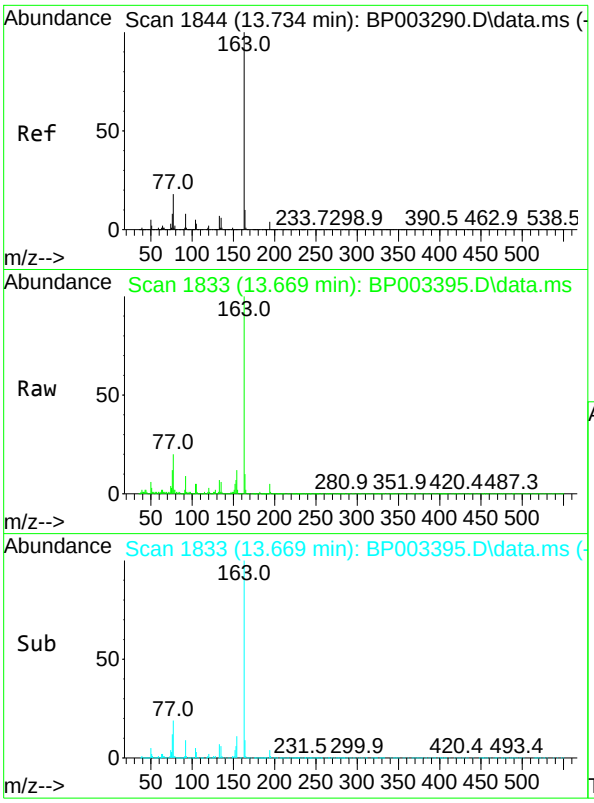
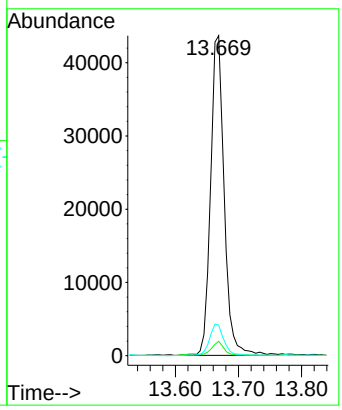
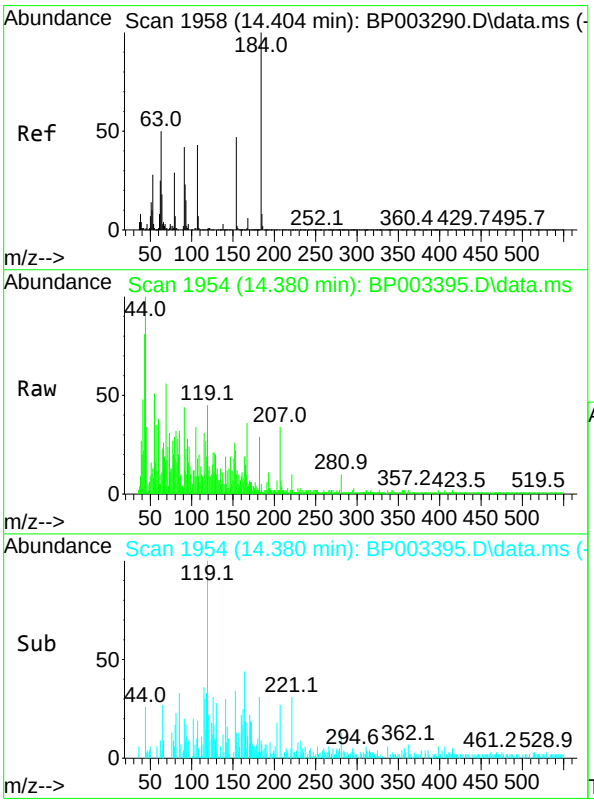


#50
Dimethylphthalate
Concen: 2.67 ng
RT: 13.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:163 Resp: 65386

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	9.6	8.2	12.2

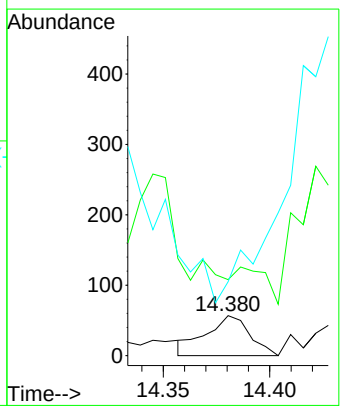




#54
2,4-Dinitrophenol
Concen: 7.28 ng
RT: 14.380 min Scan# 1954
Delta R.T. 0.023 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:184 Resp: 81

Ion	Ratio	Lower	Upper
184	100		
63	131.7	32.3	48.5#
154	128.0	49.1	73.7#



Instrument :
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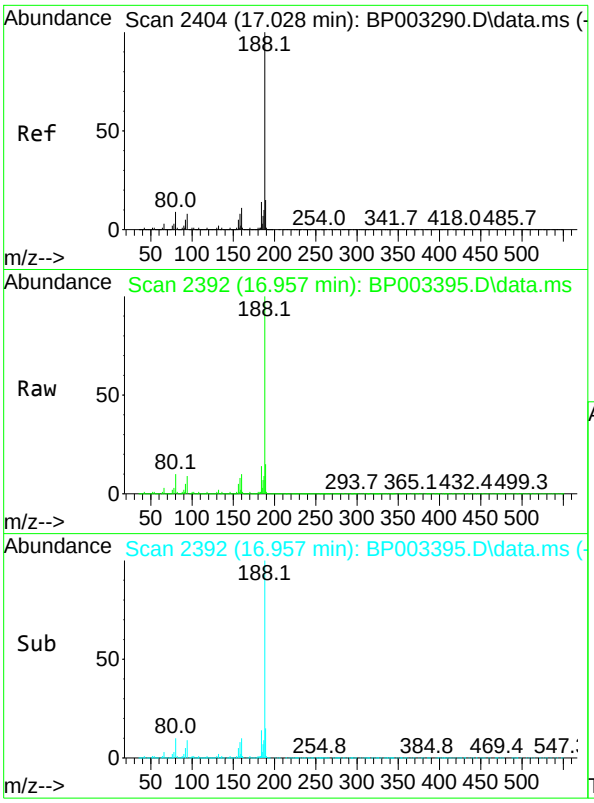
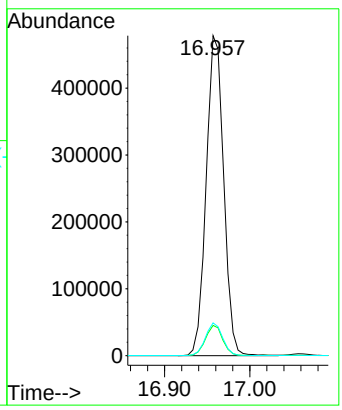
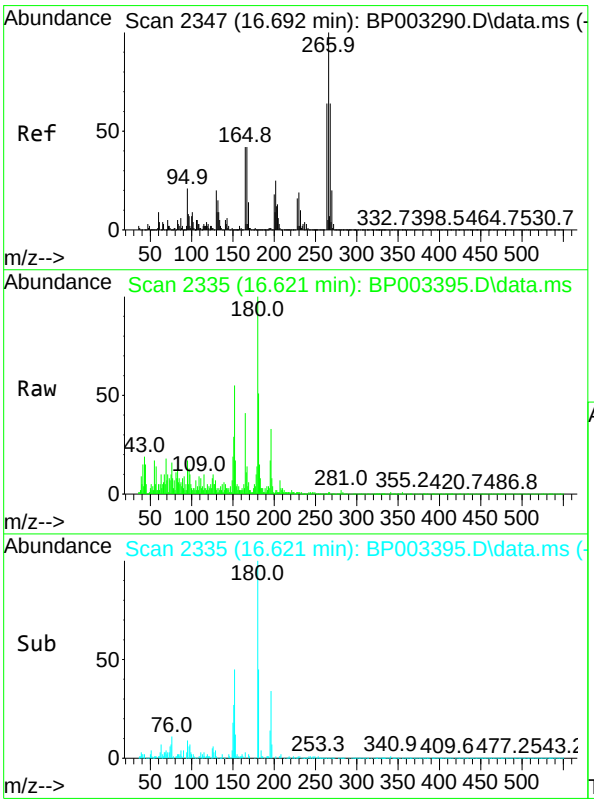


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:188 Resp: 682037

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.2	9.2#
80	10.2	6.2	9.2#

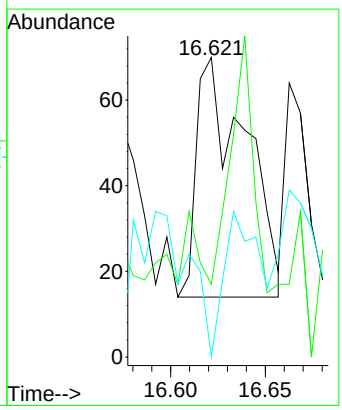


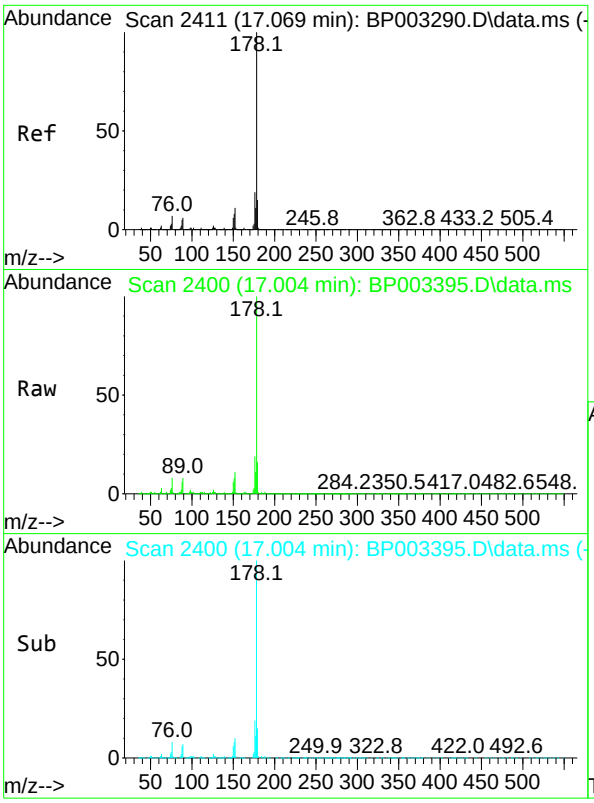


#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.621 min Scan# 2335
Delta R.T. -0.018 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:266 Resp: 101

Ion	Ratio	Lower	Upper
266	100		
268	24.3	51.1	76.7#
264	0.0	50.6	76.0#

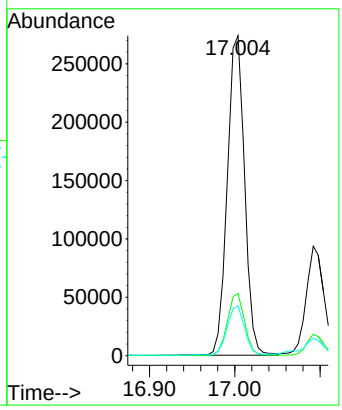




#71
Phenanthrene
Concen: 10.39 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:178 Resp: 385610

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.5	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
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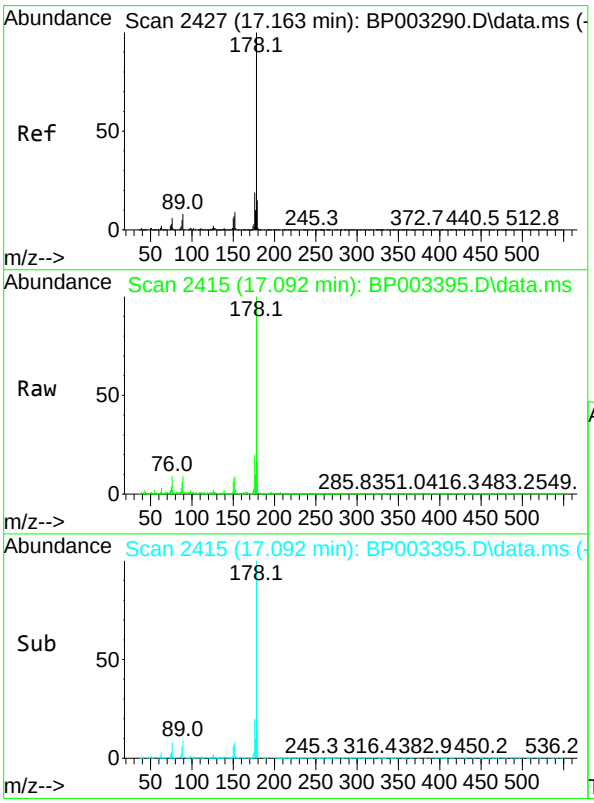
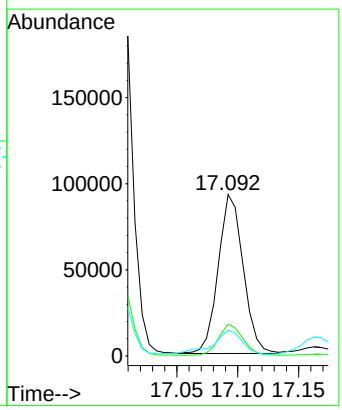
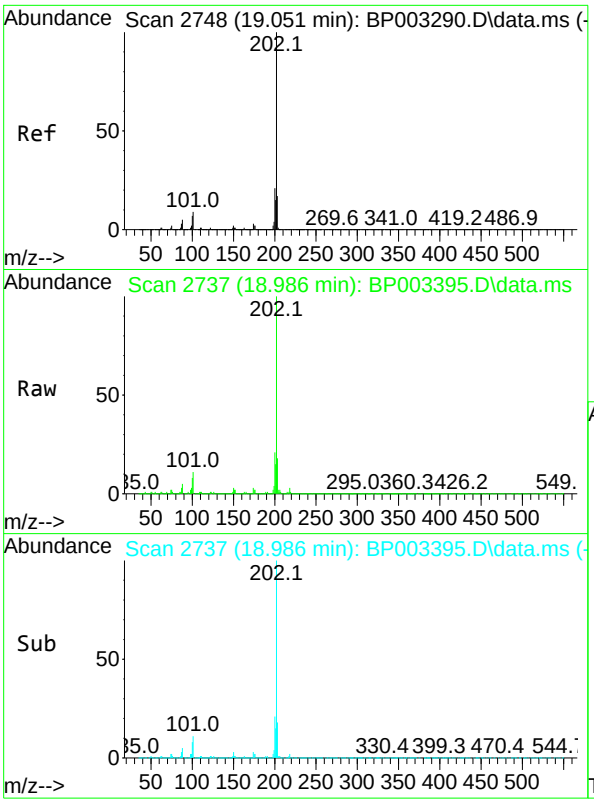


#72
Anthracene
Concen: 3.61 ng
RT: 17.092 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:178 Resp: 131925

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	15.9	12.5	18.7

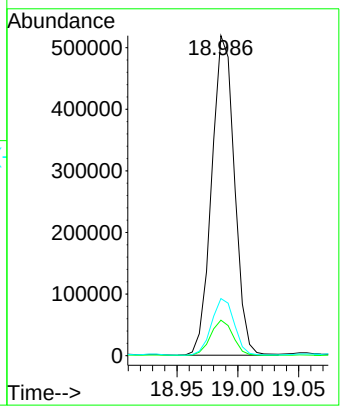




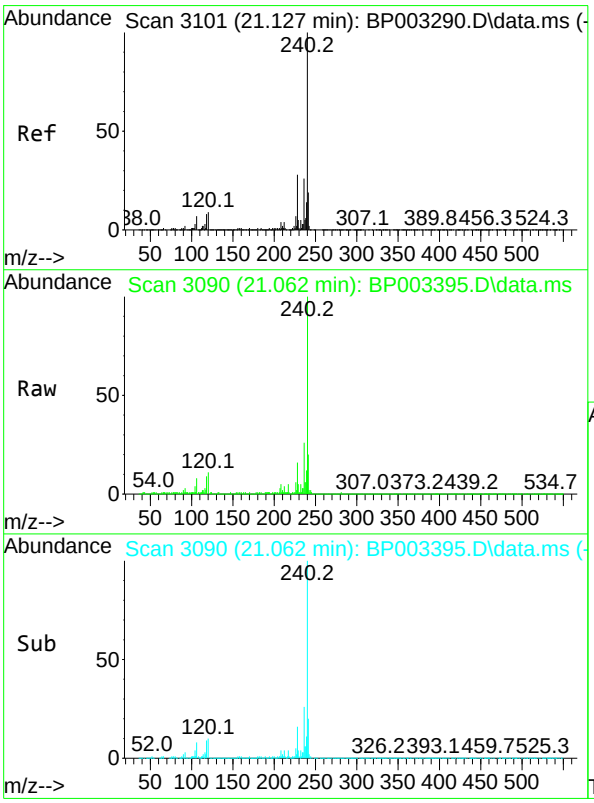
#75
Fluoranthene
Concen: 14.42 ng
RT: 18.986 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:202 Resp: 672623

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.4
203	17.9	0.0	37.8



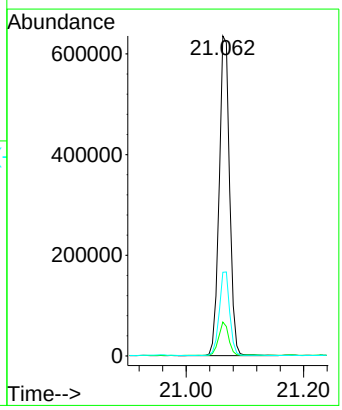
Instrument :
BNA_P
ClientSampleId :
347



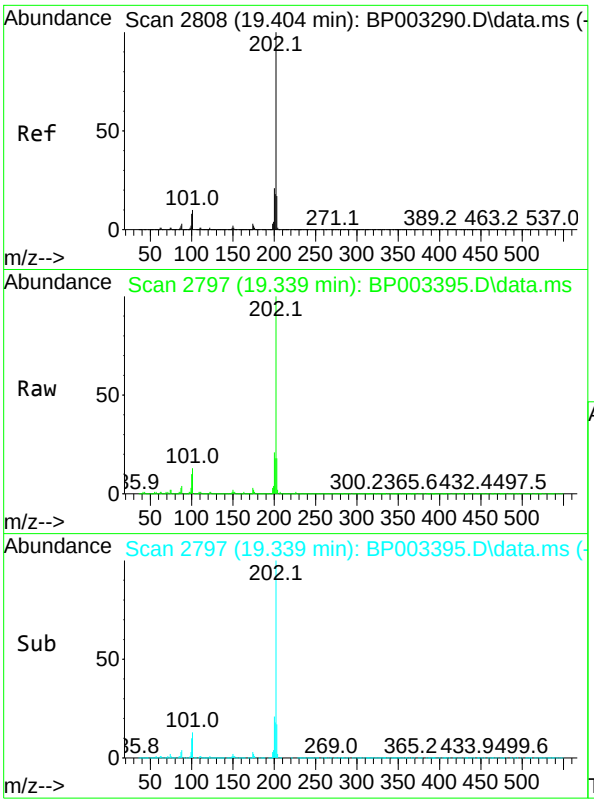
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.062 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:240 Resp: 783928

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.8	11.6
236	26.1	20.8	31.2



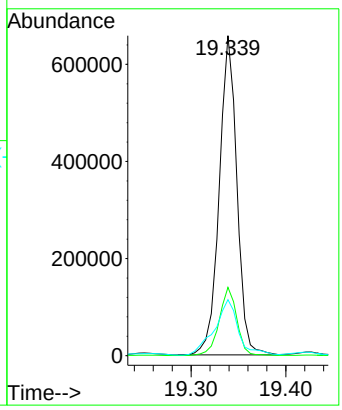
Instrument :
BNA_P
ClientSampleId :
347

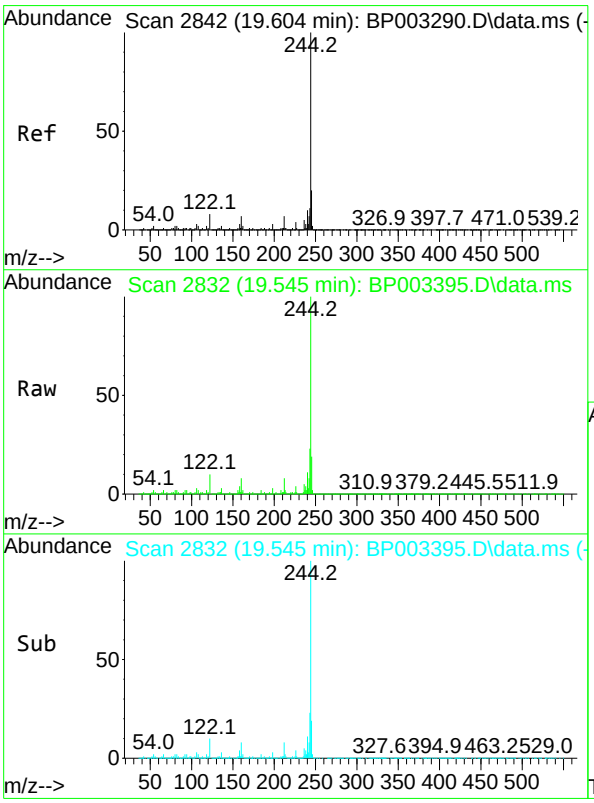


#78
Pyrene
Concen: 17.49 ng
RT: 19.339 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:202 Resp: 855156

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.5	14.2	21.2

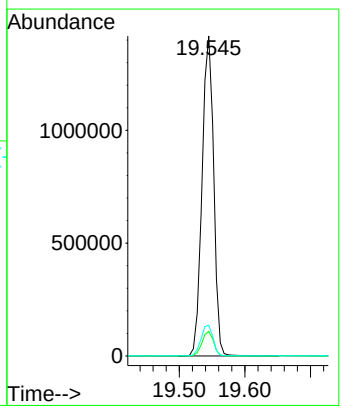


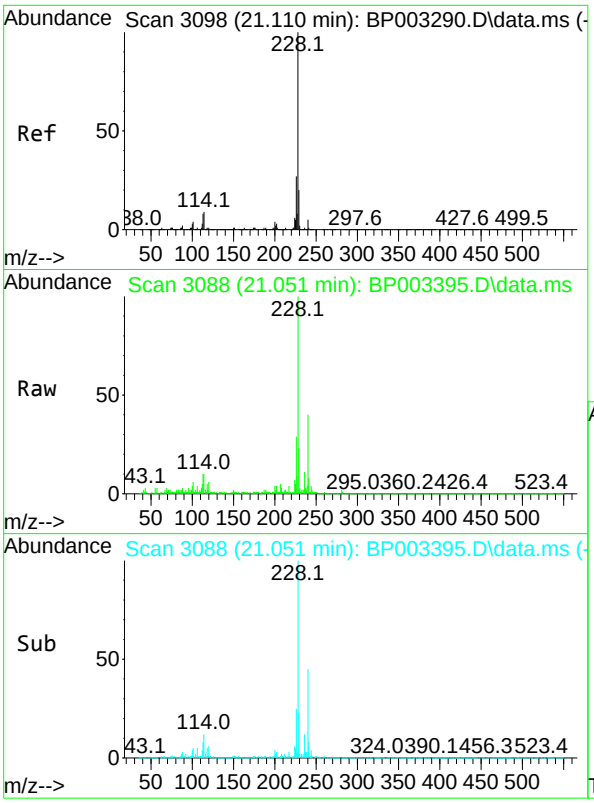


#79
Terphenyl-d14
Concen: 46.55 ng
RT: 19.545 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:244 Resp: 1751470

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.6	7.8	11.8

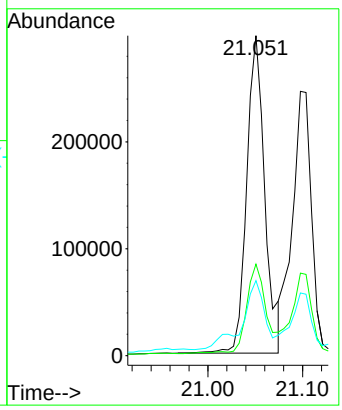




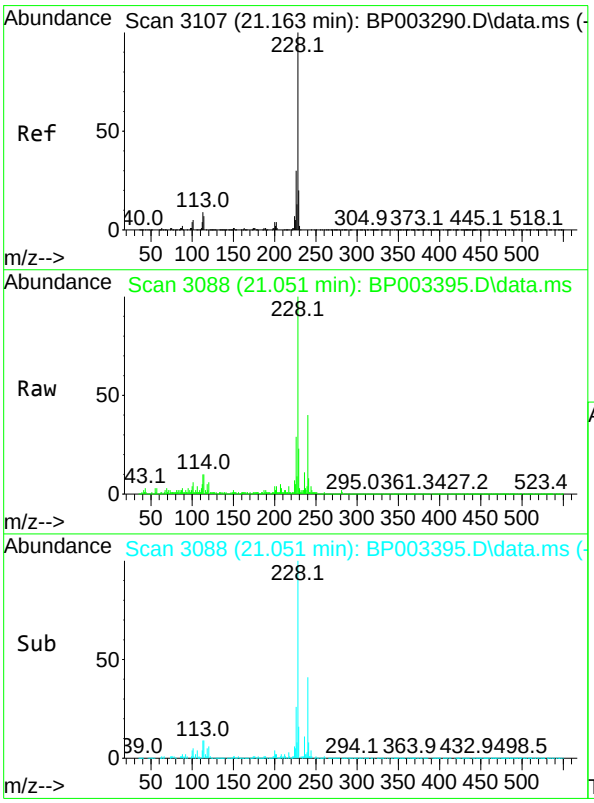
#81
Benzo(a)anthracene
Concen: 7.81 ng
RT: 21.051 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:228 Resp: 395936

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.1	33.1
229	23.5	15.9	23.9



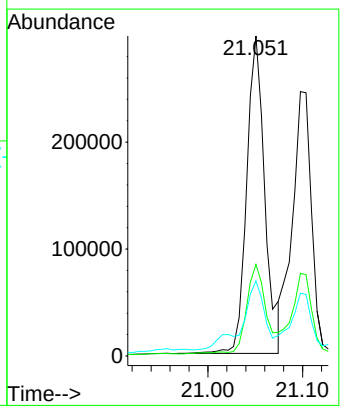
Instrument :
BNA_P
ClientSampleId :
347



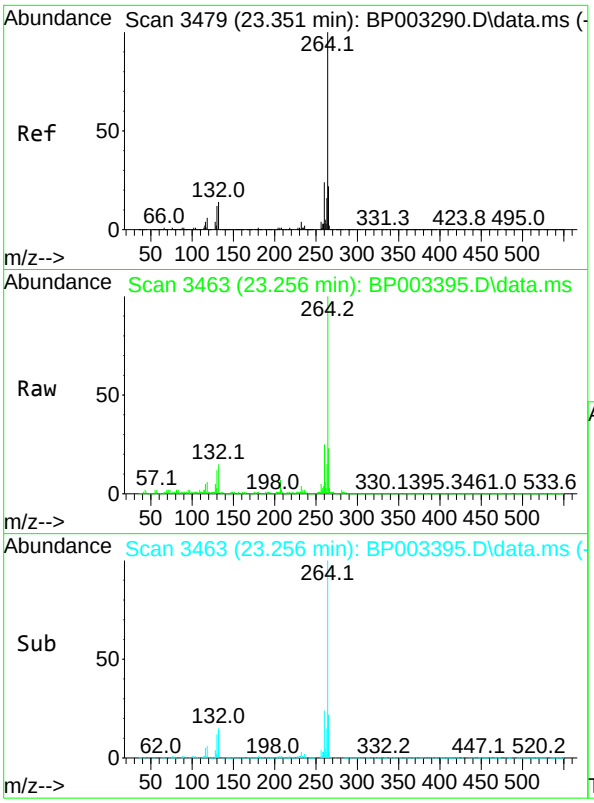
#83
Chrysene
Concen: 8.13 ng
RT: 21.051 min Scan# 3088
Delta R.T. -0.059 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:228 Resp: 395936

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.4	36.6
229	23.5	15.8	23.6



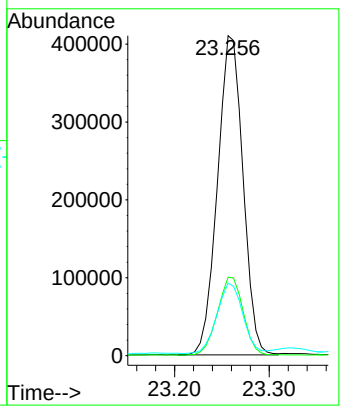
Instrument :
BNA_P
ClientSampleId :
347

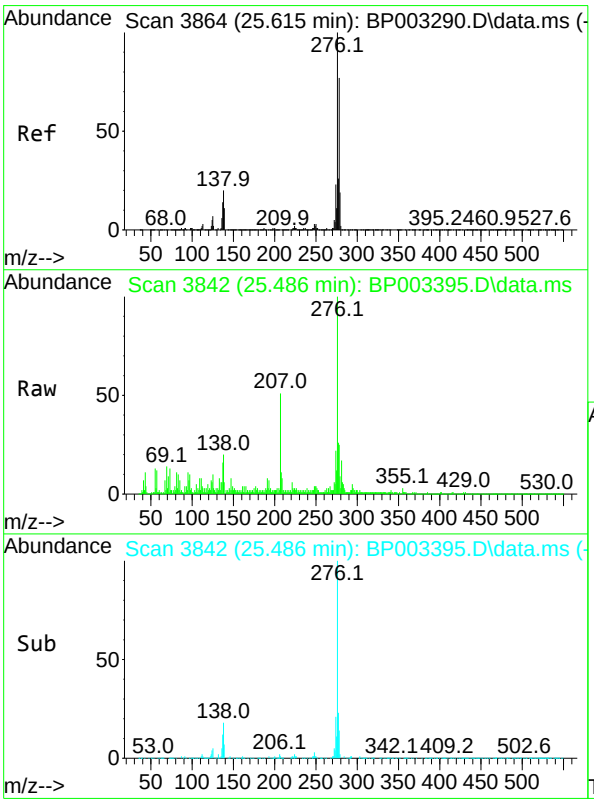


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.256 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:264 Resp: 767219

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.6	17.4	26.2

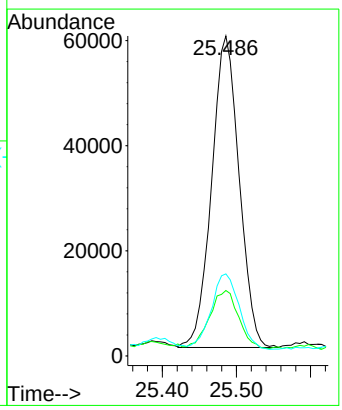


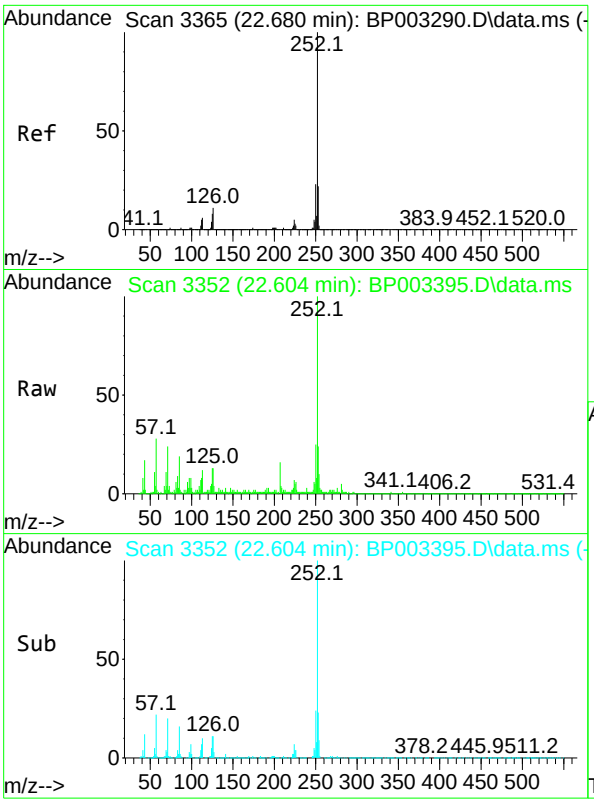


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.62 ng
RT: 25.486 min Scan# 3842
Delta R.T. -0.018 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:276 Resp: 152625

Ion	Ratio	Lower	Upper
276	100		
138	19.8	18.7	28.1
277	24.6	20.4	30.6

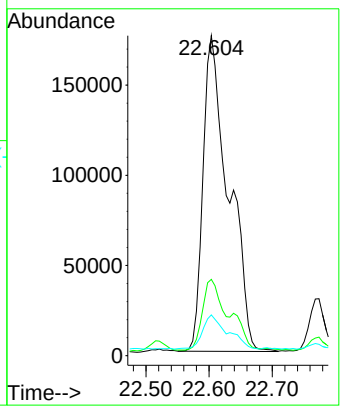




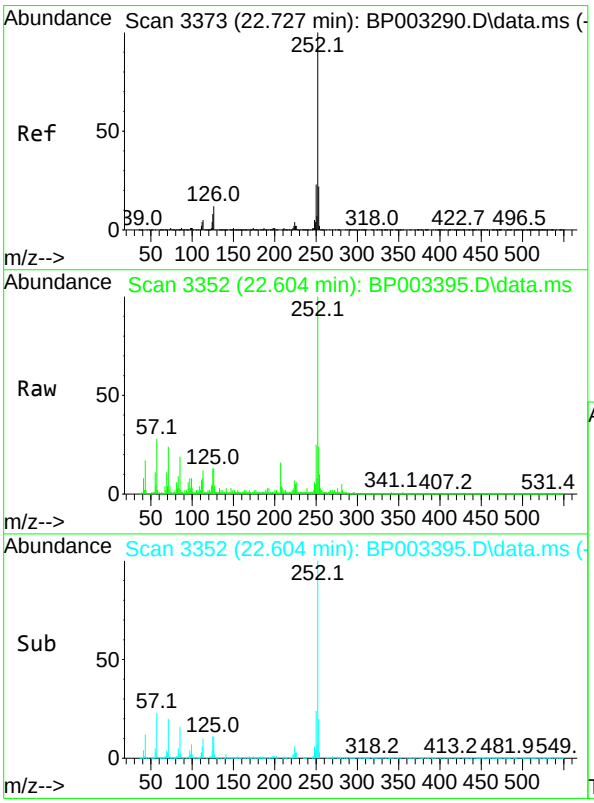
#88
Benzo(b)fluoranthene
Concen: 10.17 ng
RT: 22.604 min Scan# 3352
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:252 Resp: 492957

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	12.8	7.3	10.9#



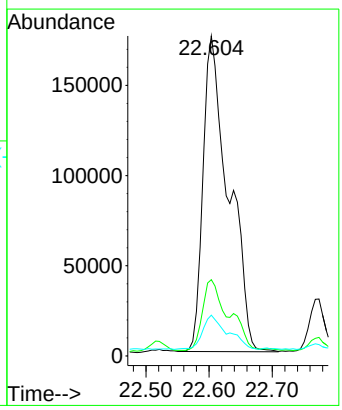
Instrument :
BNA_P
ClientSampleId :
347



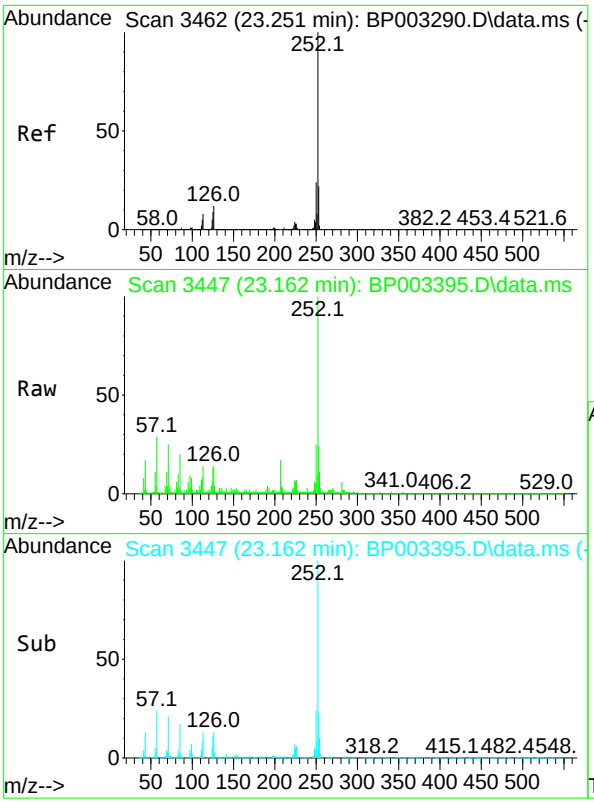
#89
Benzo(k)fluoranthene
Concen: 10.62 ng
RT: 22.604 min Scan# 3352
Delta R.T. -0.047 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:252 Resp: 492957

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	12.8	7.4	11.2#



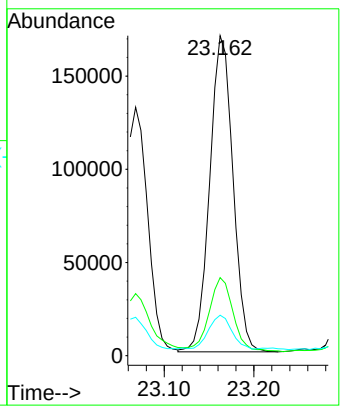
Instrument :
BNA_P
ClientSampleId :
347

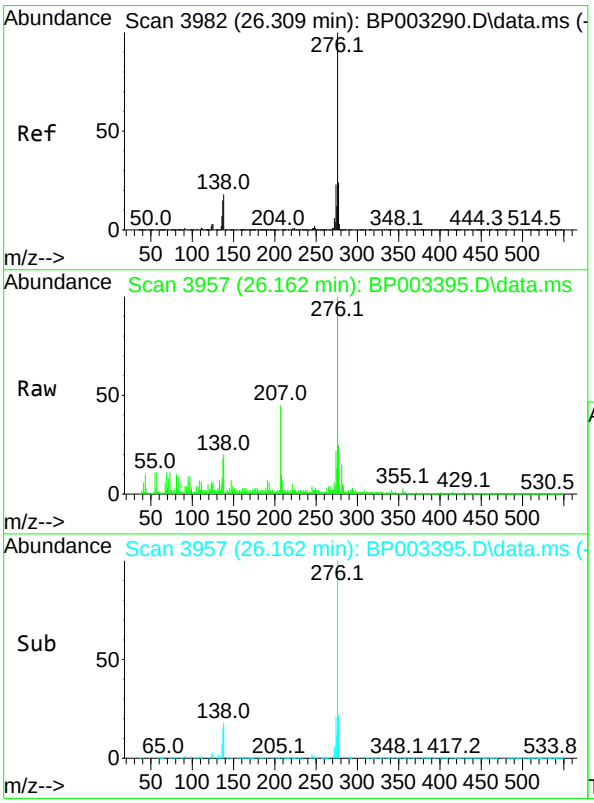


#90
Benzo(a)pyrene
Concen: 6.69 ng
RT: 23.162 min Scan# 3447
Delta R.T. -0.012 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:252 Resp: 305555

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	12.7	8.2	12.4#





#92
Benzo(g,h,i)perylene
Concen: 4.11 ng
RT: 26.162 min Scan# 3957
Delta R.T. -0.024 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:276 Resp: 196864

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.6
138	20.2	16.6	24.8