Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000304.D
Acq On : 18 Sep 2019 18:01
Operator : HP/JU
Sample : K4931-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 19 04:20:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	269445	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1010458	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	572815	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1049106	20.00	ng		0.00
76) Chrysene-d12	13.99	240	797379	20.00	ng		0.00
87) Perylene-d12	15.48	264	860279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1100085	70.48	ng		0.00
7) Phenol-d6	6.42	99	1460269	76.33	ng		0.00
23) Nitrobenzene-d5	7.35	82	813926	51.97	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	522505	91.97	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1965899	61.77	ng		0.00
79) Terphenyl-d14	12.93	244	2317288	60.97	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	6952	Below Cal			96
10) Phenol	6.43	94	45183	2.079	ng		96
11) bis(2-Chloroethyl)ether	6.50	93	75912	4.560	ng	#	31
19) n-Nitroso-di-n-propylamine	7.35	70	100255	9.911	ng	#	76
25) Isophorone	7.35	82	811715	26.175	ng	#	63
32) Benzoic acid	7.78	122	22022	2.374	ng	#	89
50) Dimethylphthalate	9.54	163	196254	5.029	ng		100
57) 2,4-Dinitrotoluene	9.83	165	74399	6.632	ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	35819	3.019	ng	#	1
69) Atrazine	11.00	200	402	Below Cal		#	1
71) Phenanthrene	11.35	178	185839	3.535	ng		100
75) Fluoranthene	12.55	202	438918	7.775	ng		96
78) Pyrene	12.78	202	409621	6.866	ng		98
81) Benzo(a)anthracene	14.02	228	212111	4.211	ng		95
83) Chrysene	14.02	228	212111	4.289	ng		97
86) Indeno(1,2,3-cd)pyrene	16.96	276	163974	2.720	ng	#	91
88) Benzo(b)fluoranthene	15.05	252	408369	7.957	ng	#	96
89) Benzo(k)fluoranthene	15.05	252	408369	9.122	ng		96
90) Benzo(a)pyrene	15.41	252	210104	4.499	ng		96
92) Benzo(g,h,i)perylene	17.40	276	162336	3.627	ng		99

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

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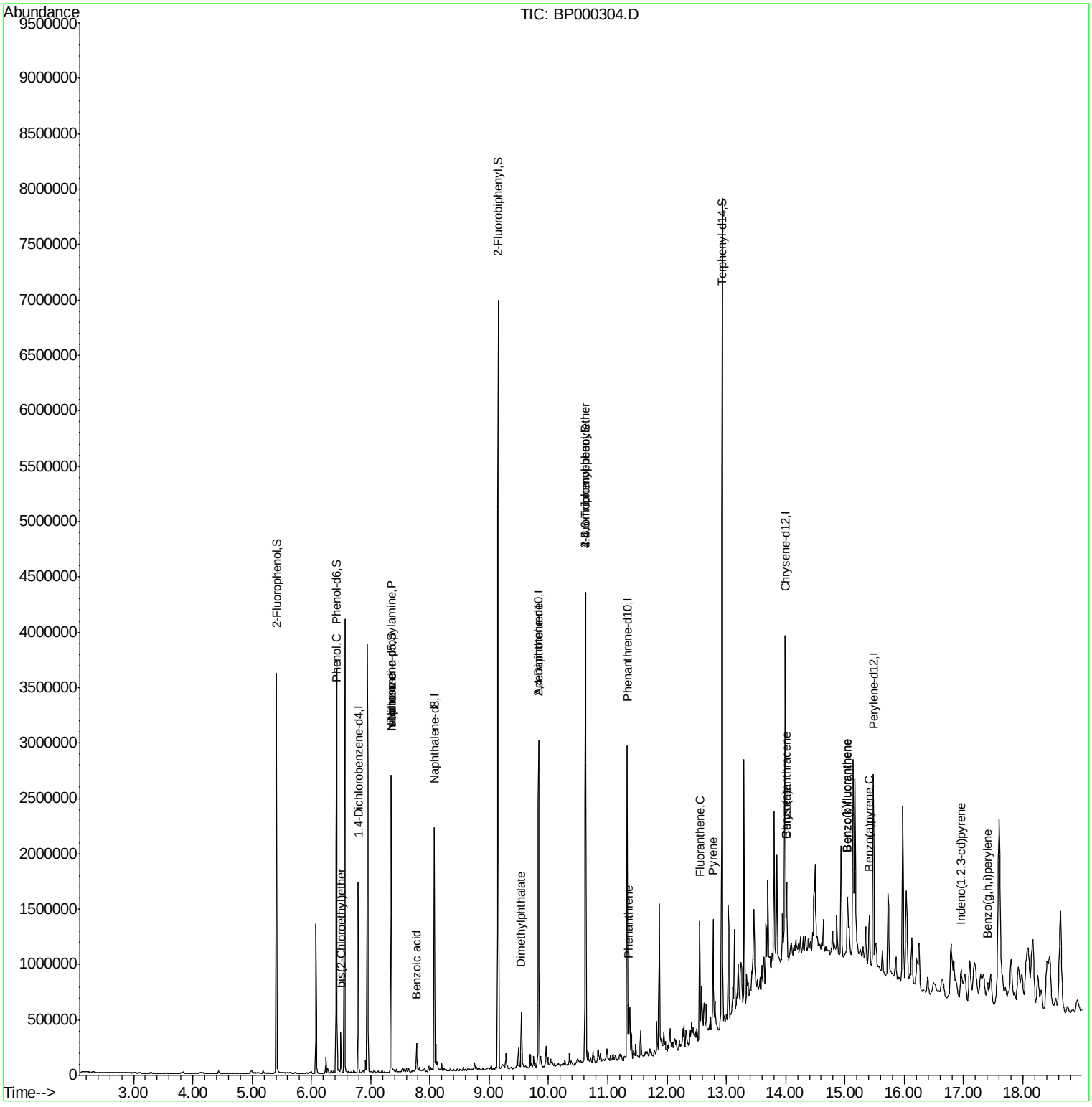
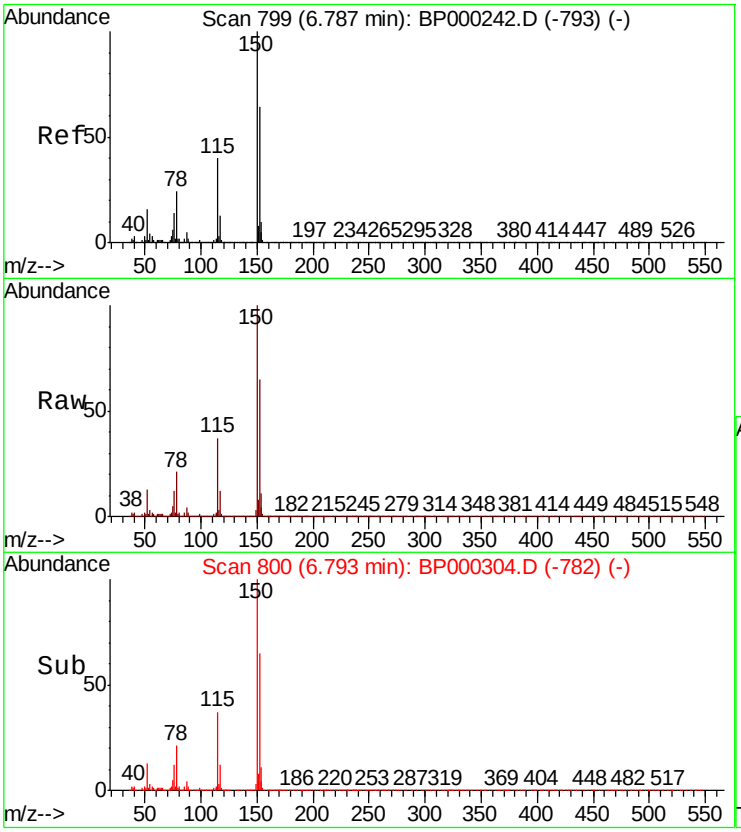


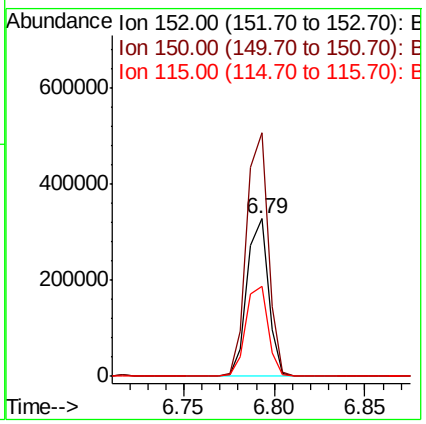


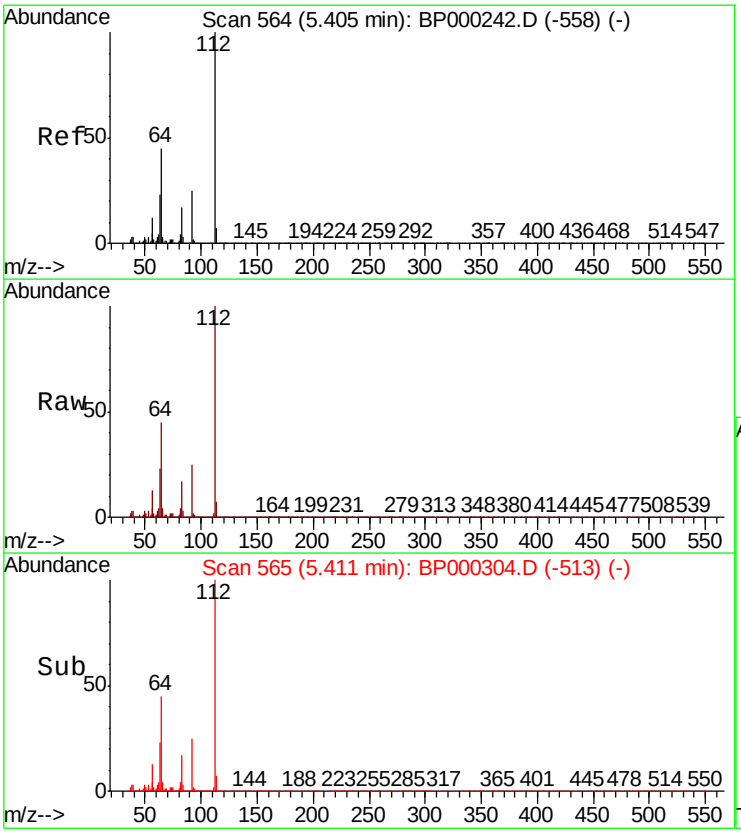
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 269445

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.2	187.8
115	57.1	49.7	74.5

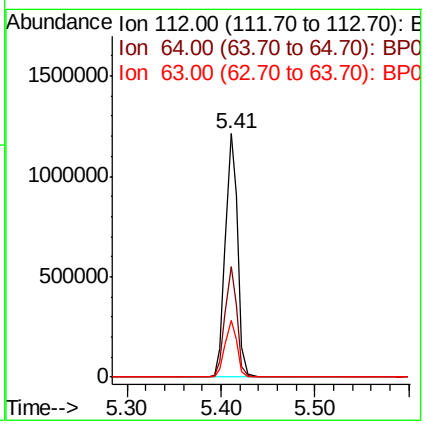


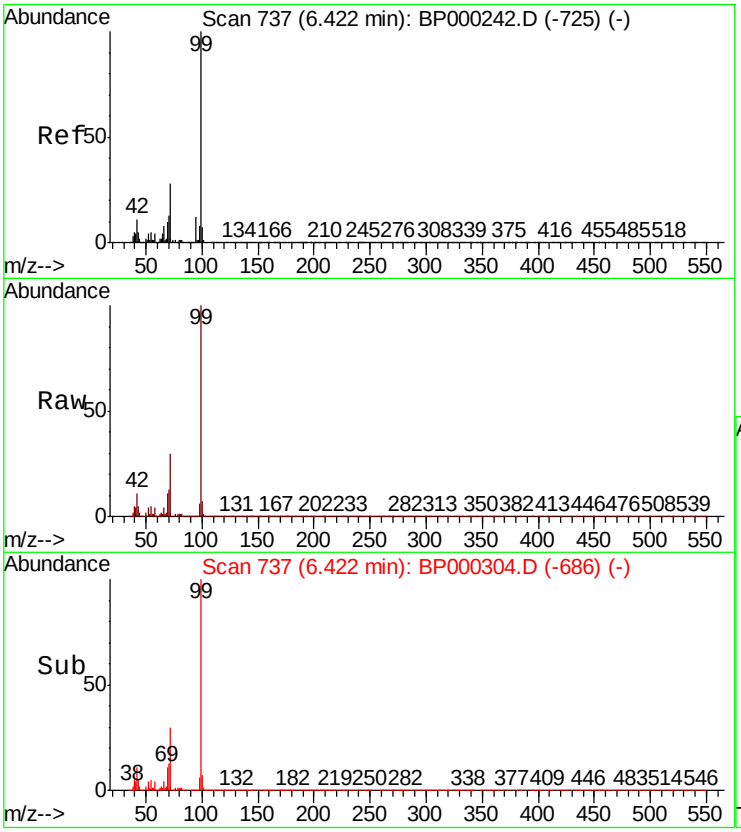


#5
2-Fluorophenol
Concen: 70.483 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:112 Resp: 1100085

Ion	Ratio	Lower	Upper
112	100		
64	45.4	36.2	54.4
63	23.5	18.3	27.5



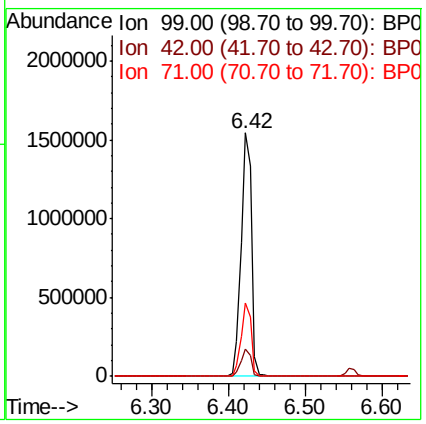


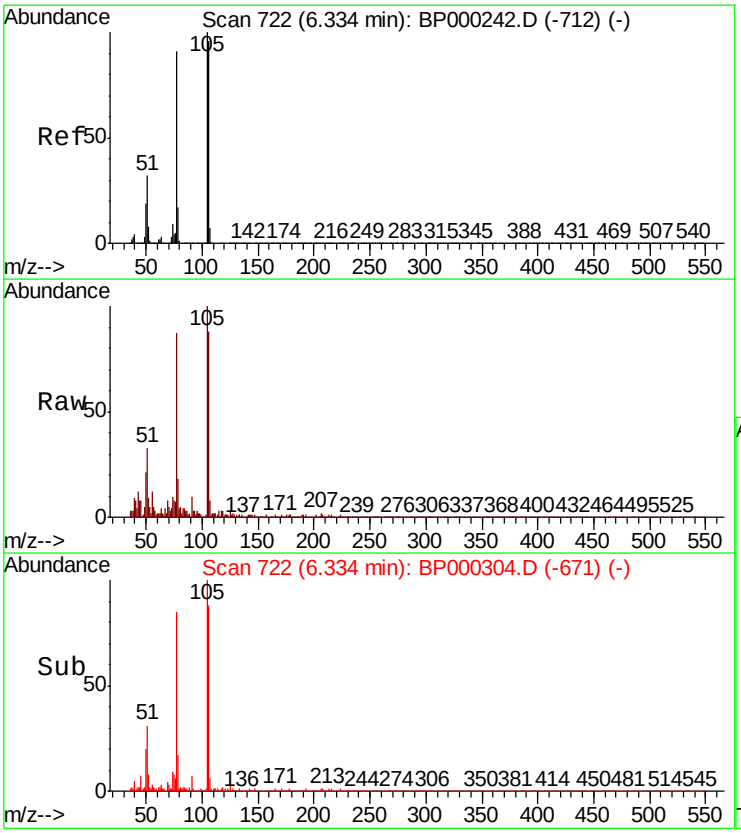
#7
Phenol-d6
Concen: 76.327 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1460269

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.5	12.7
71	30.3	22.6	34.0

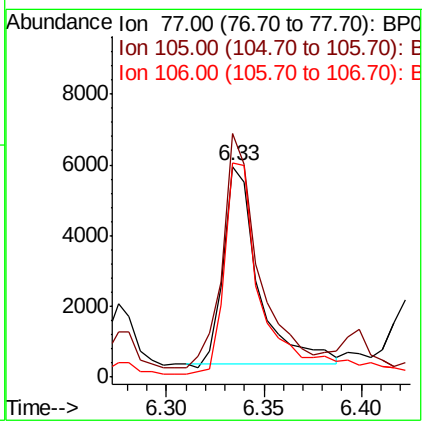


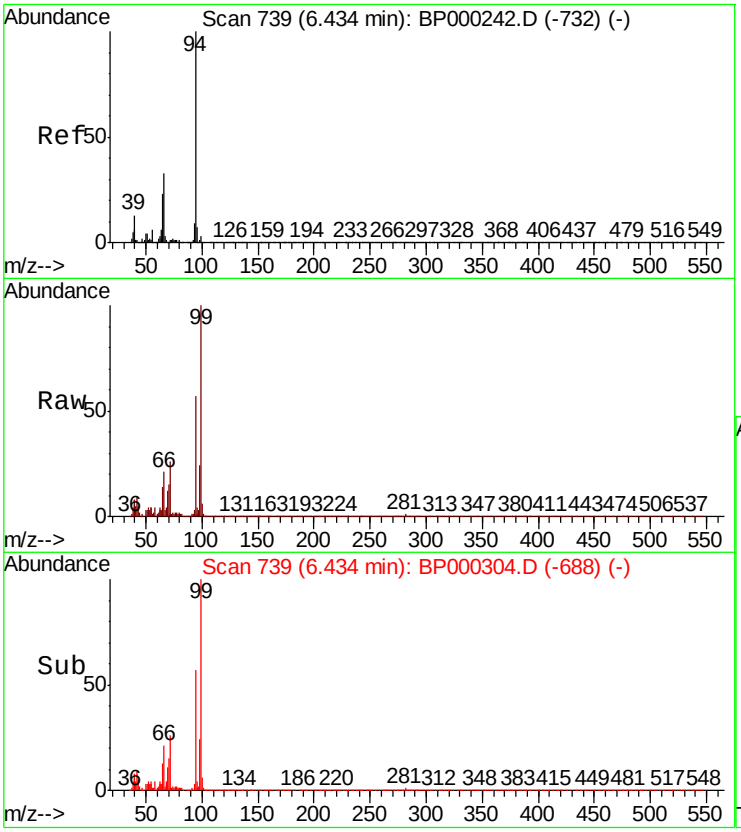


#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion: 77 Resp: 6952

Ion	Ratio	Lower	Upper
77	100		
105	115.5	89.6	129.6
106	101.3	84.6	124.6



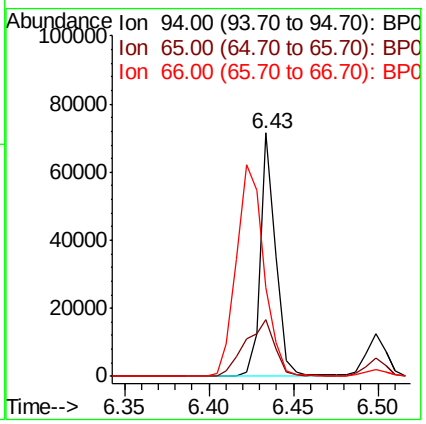


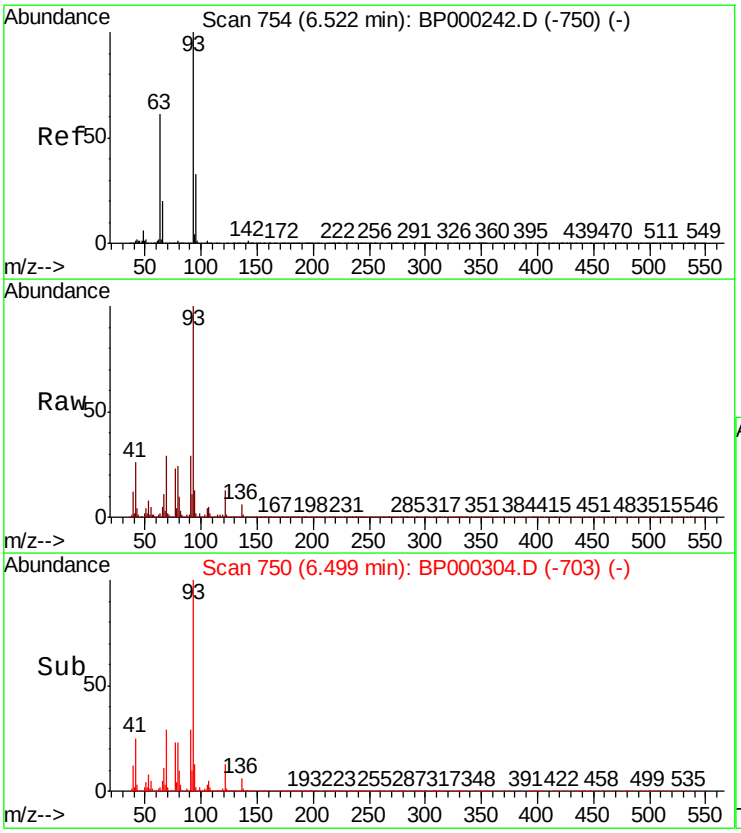
#10
Phenol
Concen: 2.079 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 45183

Ion	Ratio	Lower	Upper
94	100		
65	23.6	3.3	43.3
66	36.4	12.7	52.7

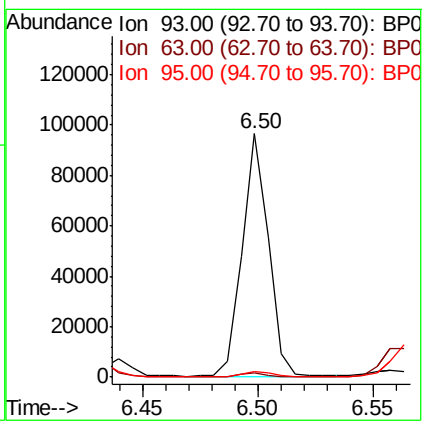


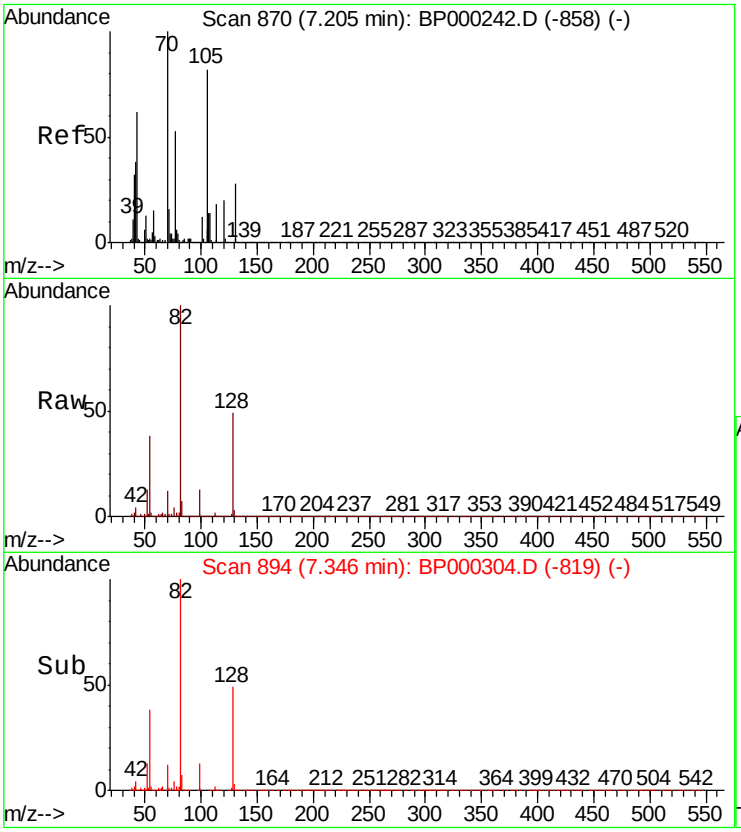


#11
bis(2-Chloroethyl)ether
Concen: 4.560 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion: 93 Resp: 75912

Ion	Ratio	Lower	Upper
93	100		
63	1.7	41.0	81.0#
95	2.2	12.7	52.7#



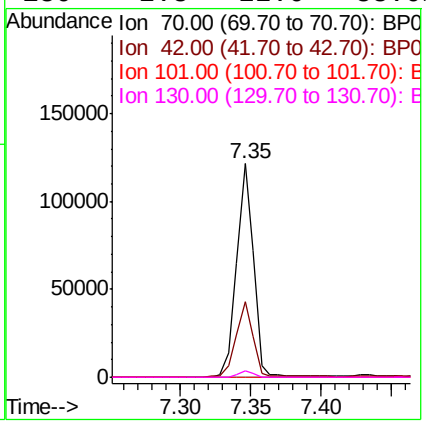


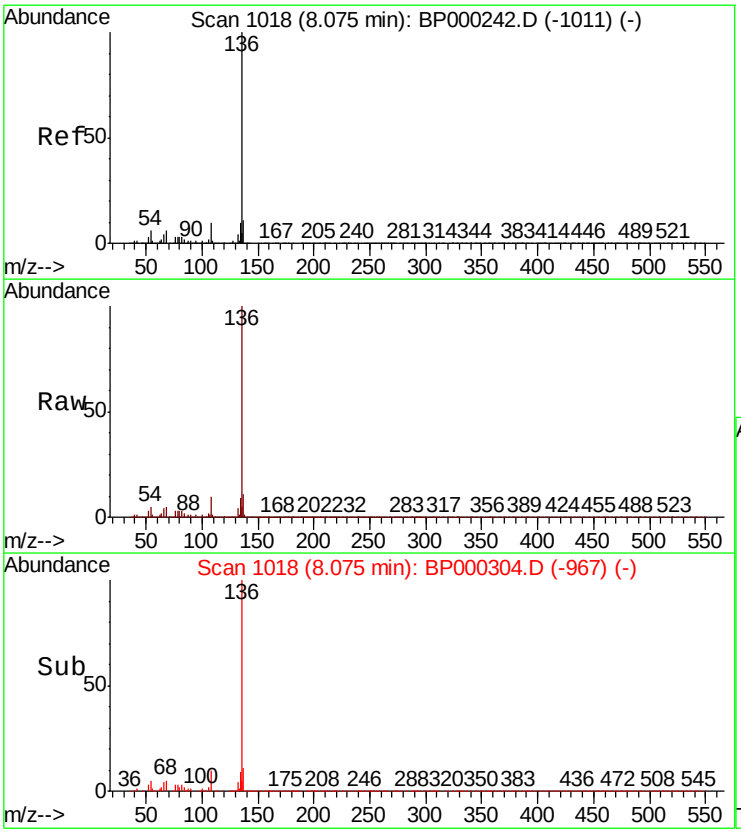
#19
n-Nitroso-di-n-propylamine
Concen: 9.911 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 100255

Ion	Ratio	Lower	Upper
70	100		
42	35.5	30.7	46.1
101	0.0	9.6	14.4#
130	2.8	22.0	33.0#

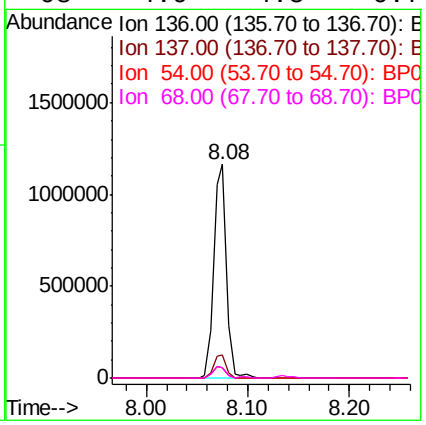


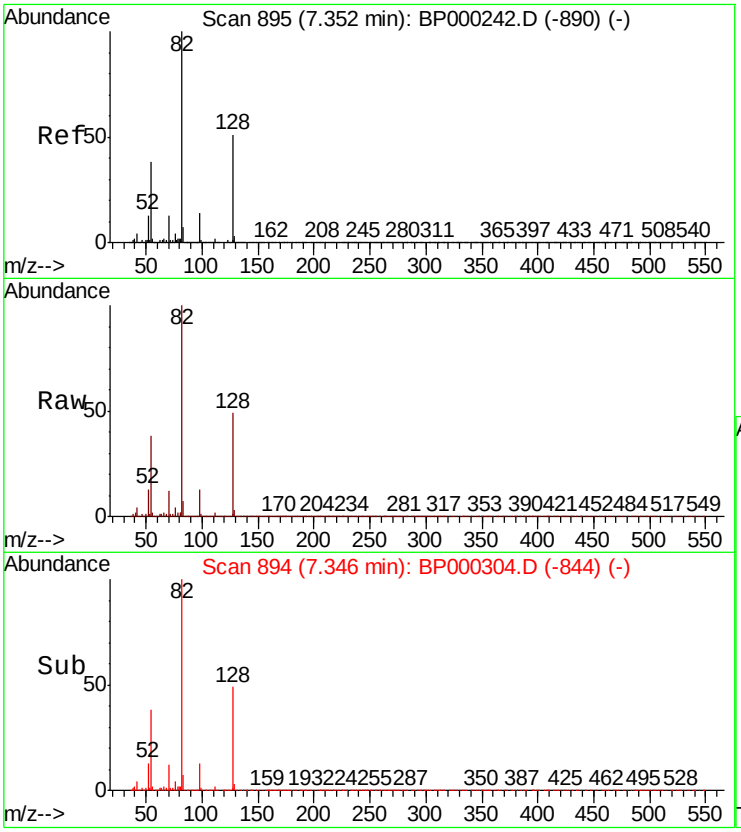


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:136 Resp: 1010458

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.0	4.5	6.7
68	4.9	4.5	6.7



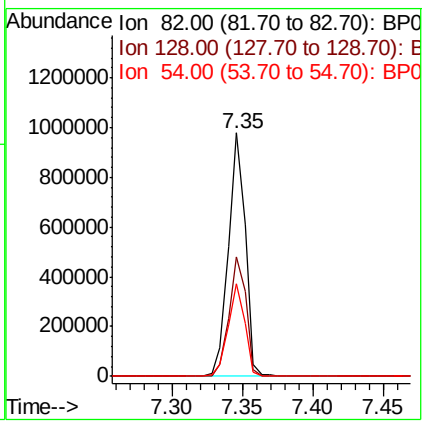


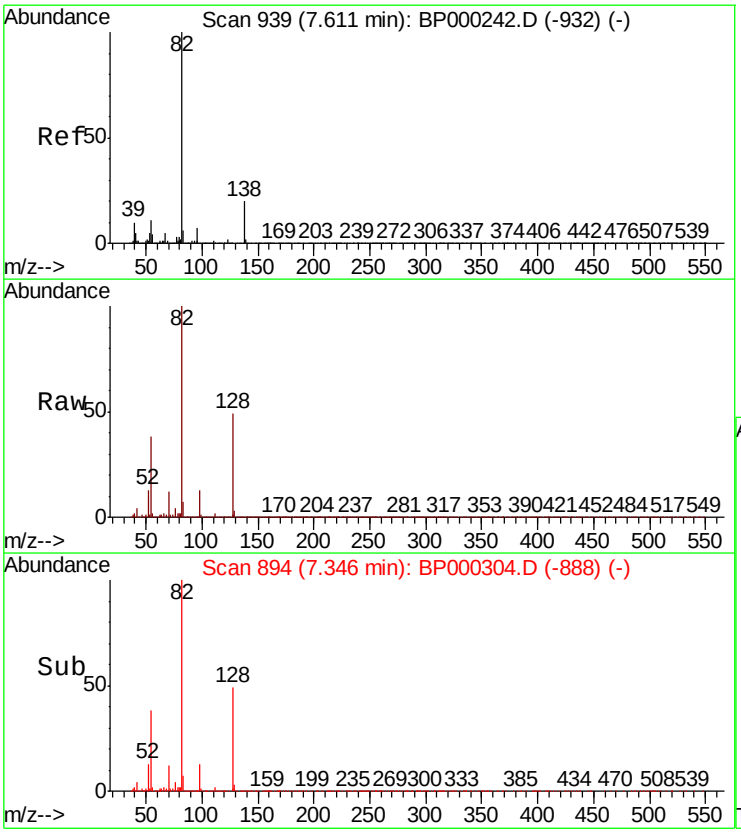
#23
Nitrobenzene-d5
Concen: 51.971 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 813926

Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.7	61.1
54	38.0	30.1	45.1

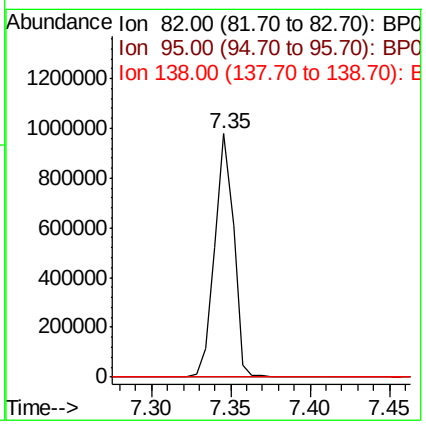


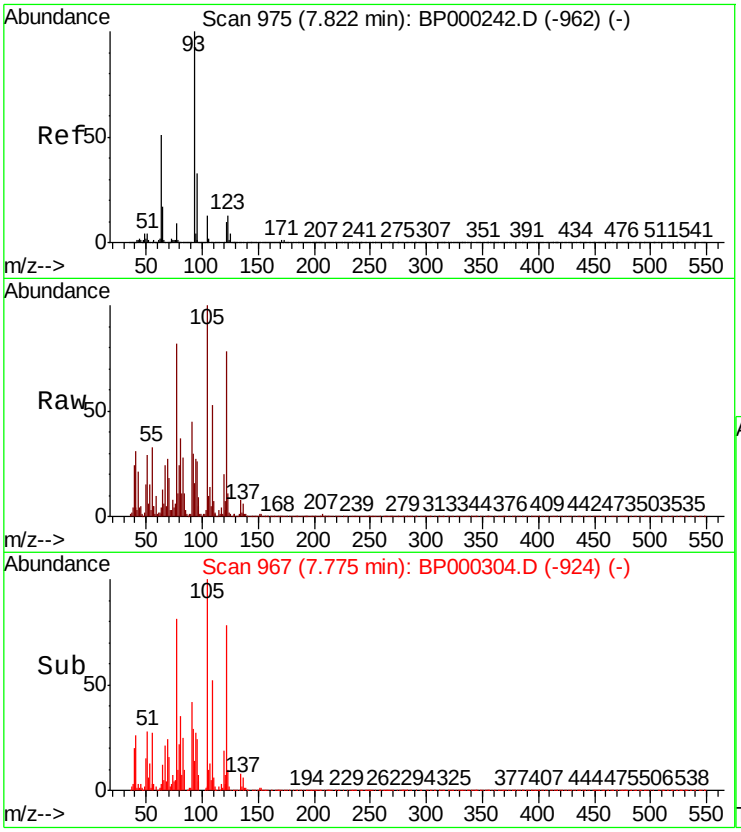


#25
Isophorone
Concen: 26.175 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion: 82 Resp: 811715

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	15.9	23.9#



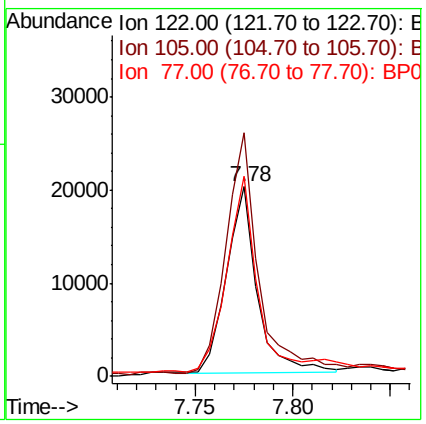


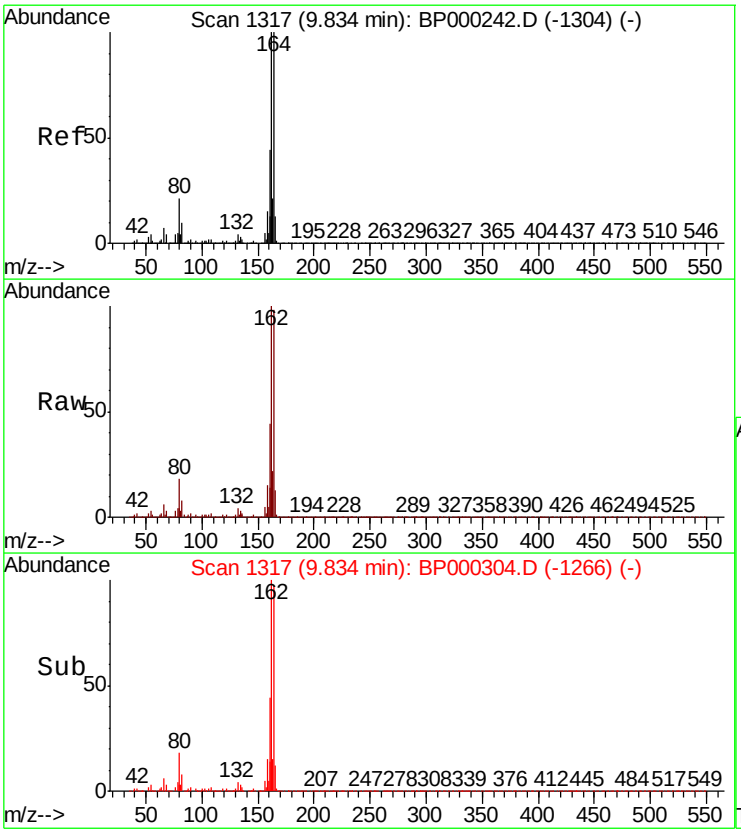
#32
Benzoic acid
Concen: 2.374 ng
RT: 7.78 min Scan# 967
Delta R.T. -0.05 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:122 Resp: 22022

Ion	Ratio	Lower	Upper
122	100		
105	128.6	105.4	145.4
77	105.7	65.3	105.3#

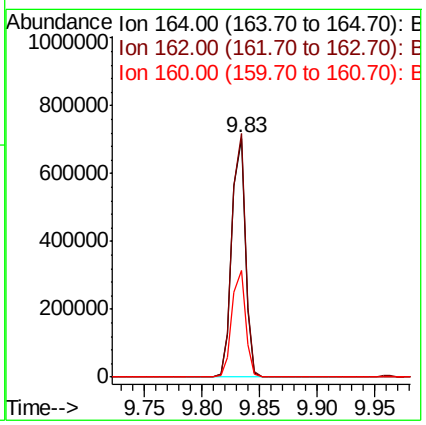


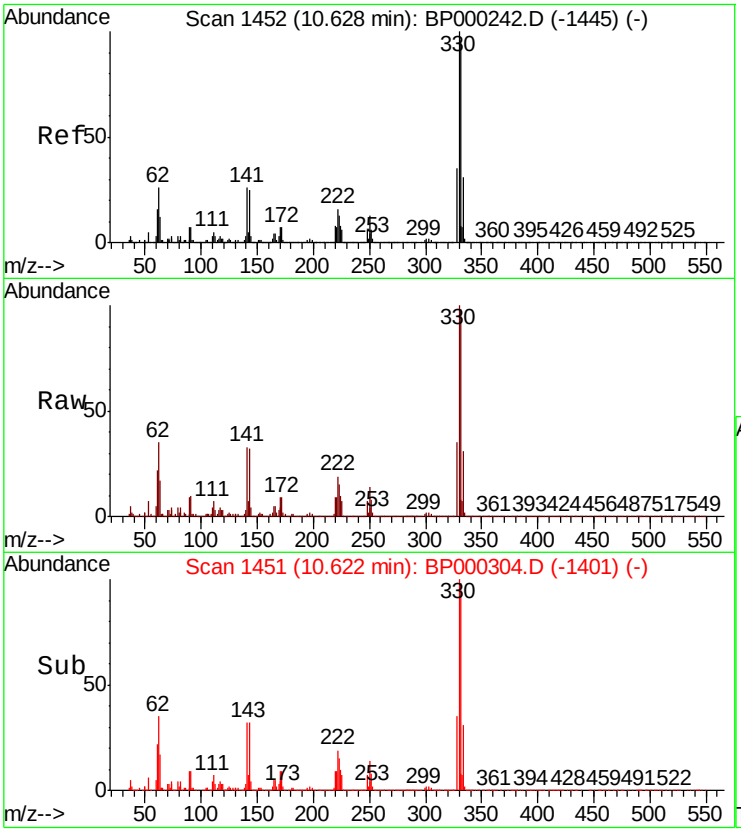


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:164 Resp: 572815

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.9	119.9
160	44.4	35.6	53.4



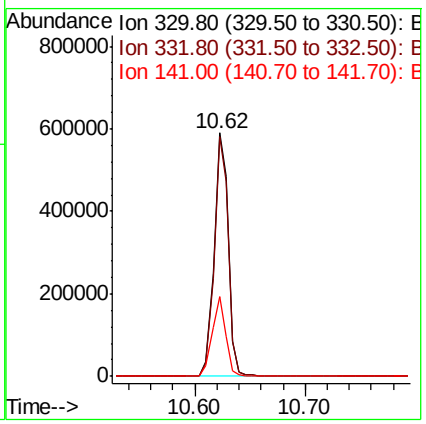


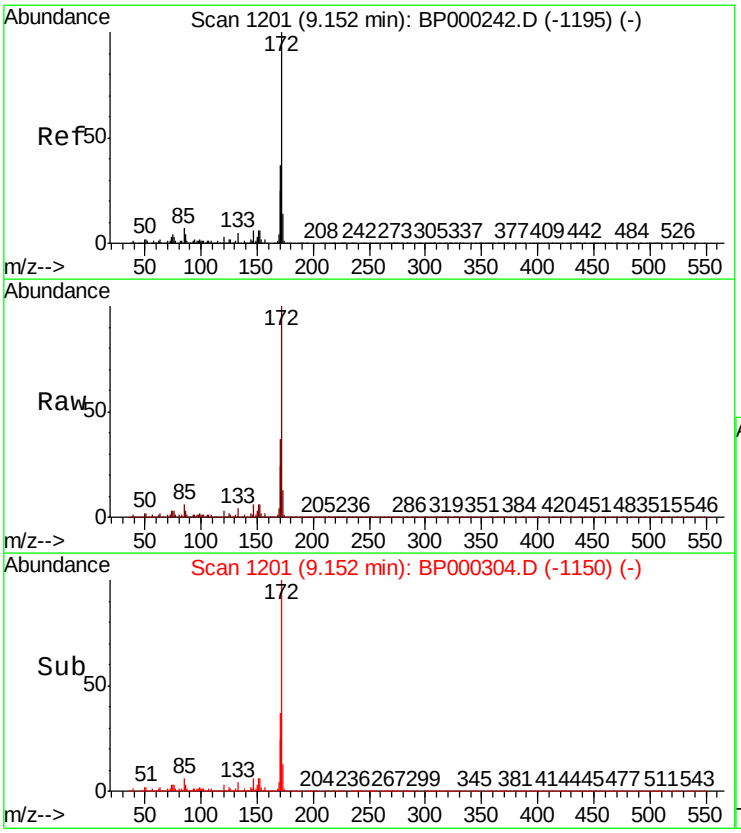
#42
2,4,6-Tribromophenol
Concen: 91.965 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 522505

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	30.7	26.5	39.7

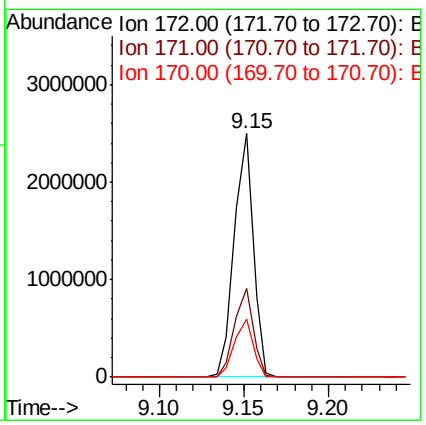


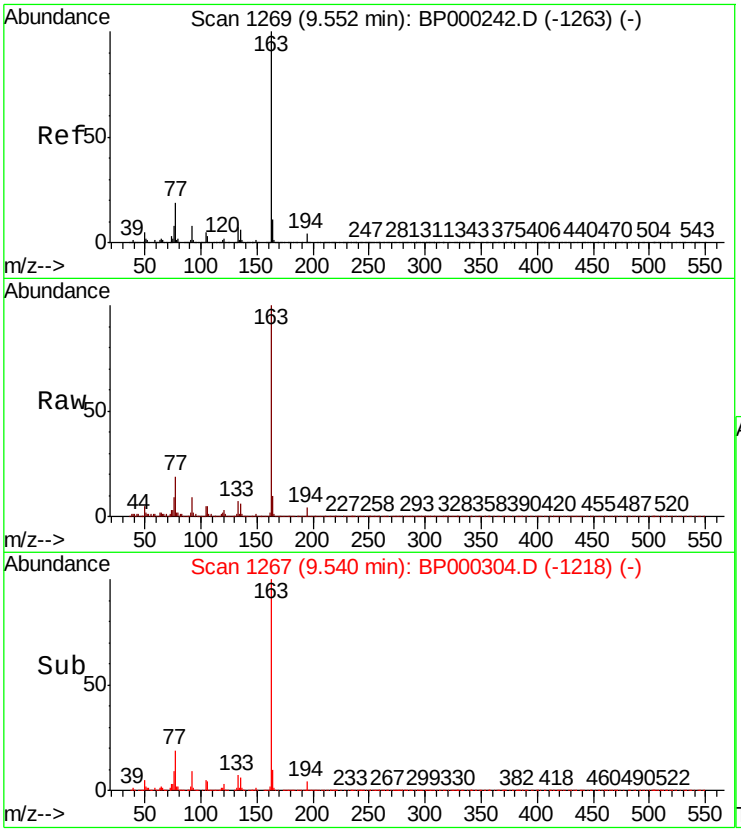


#45
2-Fluorobiphenyl
Concen: 61.769 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:172 Resp: 1965899

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	23.9	19.8	29.6



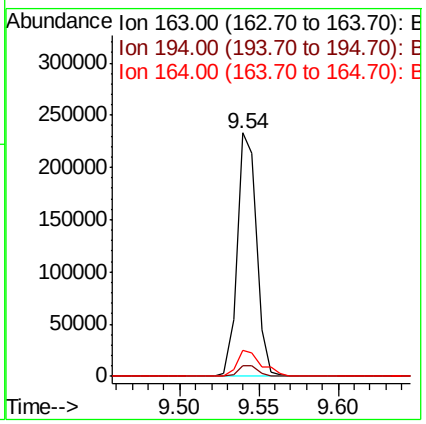


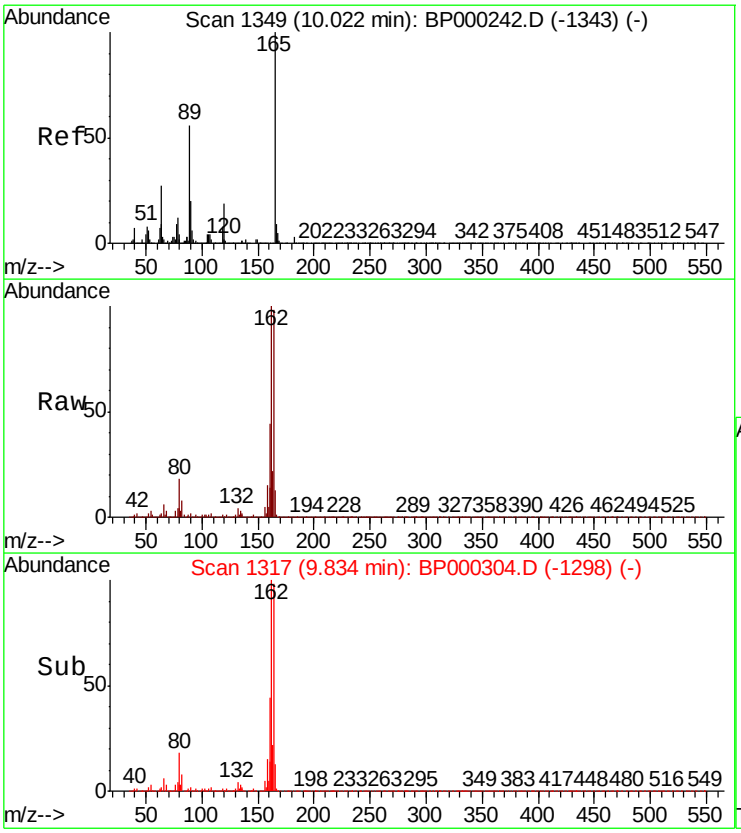
#50
Dimethylphthalate
Concen: 5.029 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 196254

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.5	8.5	12.7

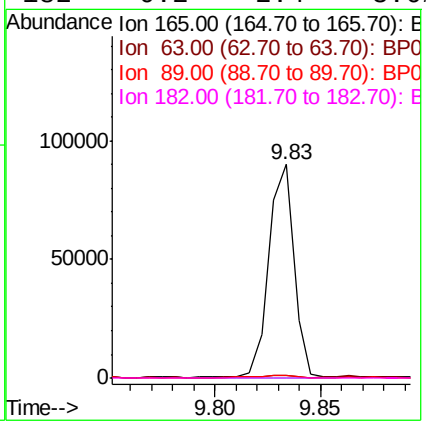


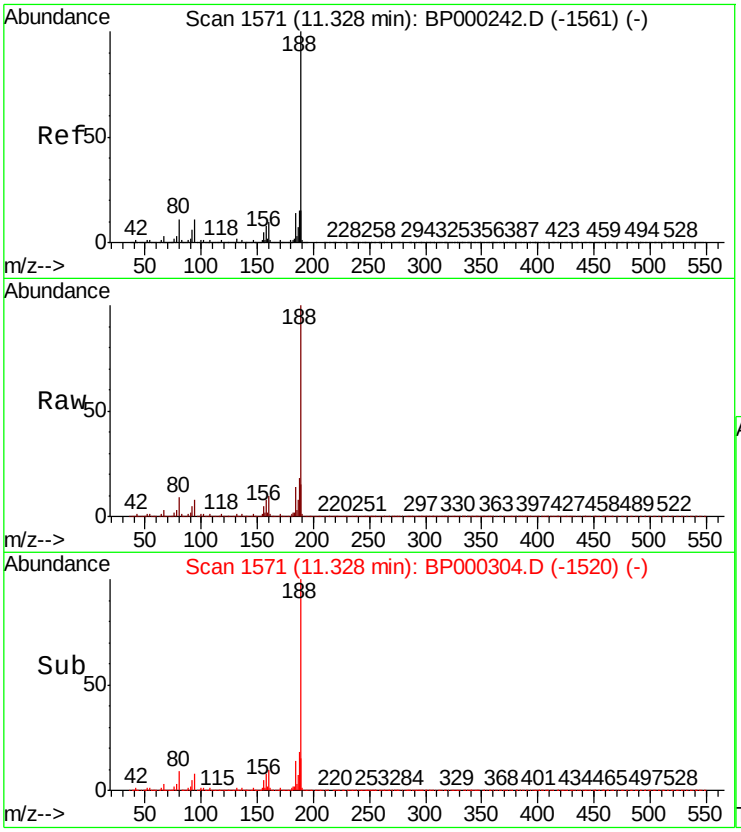


#57
2,4-Dinitrotoluene
Concen: 6.632 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:165 Resp: 74399

Ion	Ratio	Lower	Upper
165	100		
63	1.1	21.7	32.5#
89	1.5	45.0	67.6#
182	0.2	2.4	3.6#



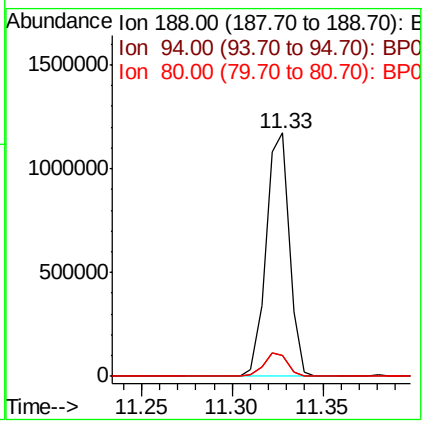


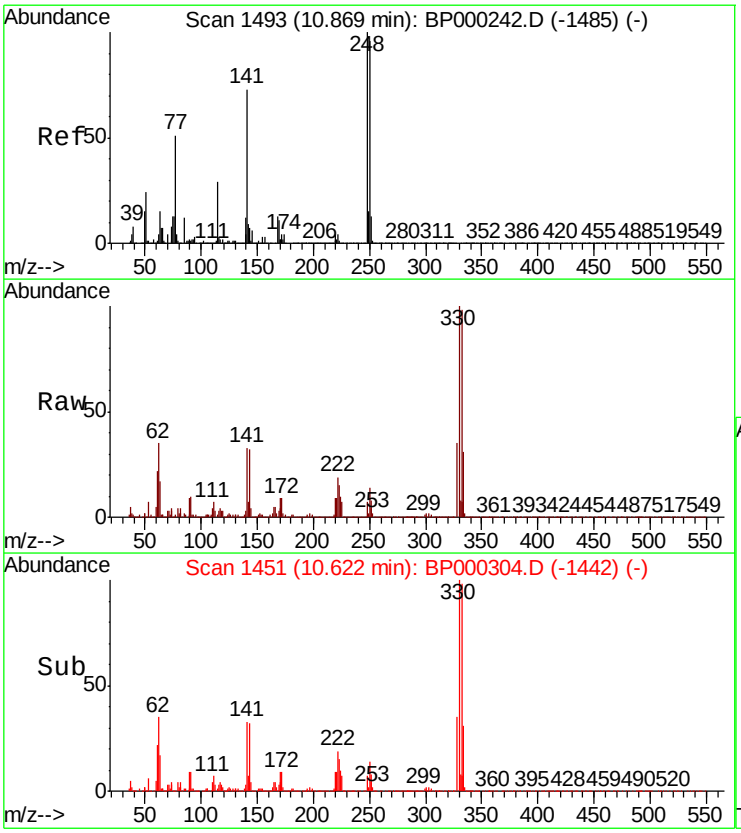
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1049106

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.6	8.6	13.0

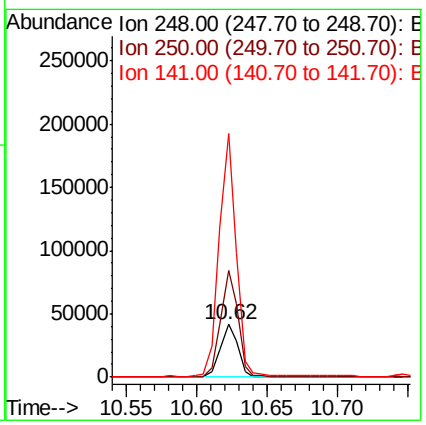


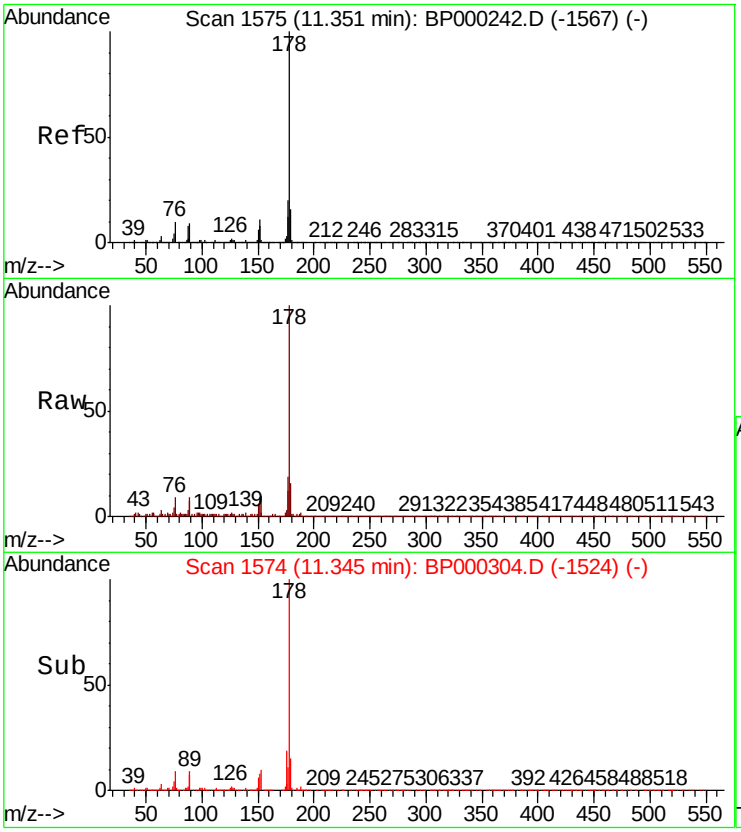


#67
4-Bromophenyl-phenylether
Concen: 3.019 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:248 Resp: 35819

Ion	Ratio	Lower	Upper
248	100		
250	203.8	77.0	115.4#
141	464.4	58.5	87.7#



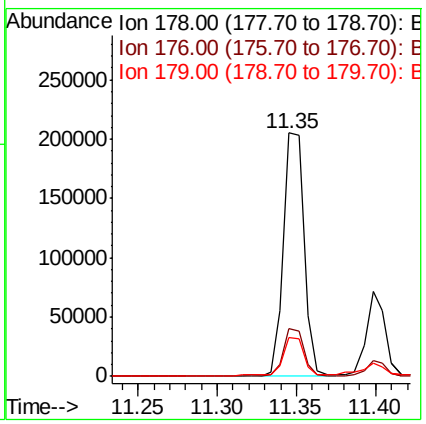


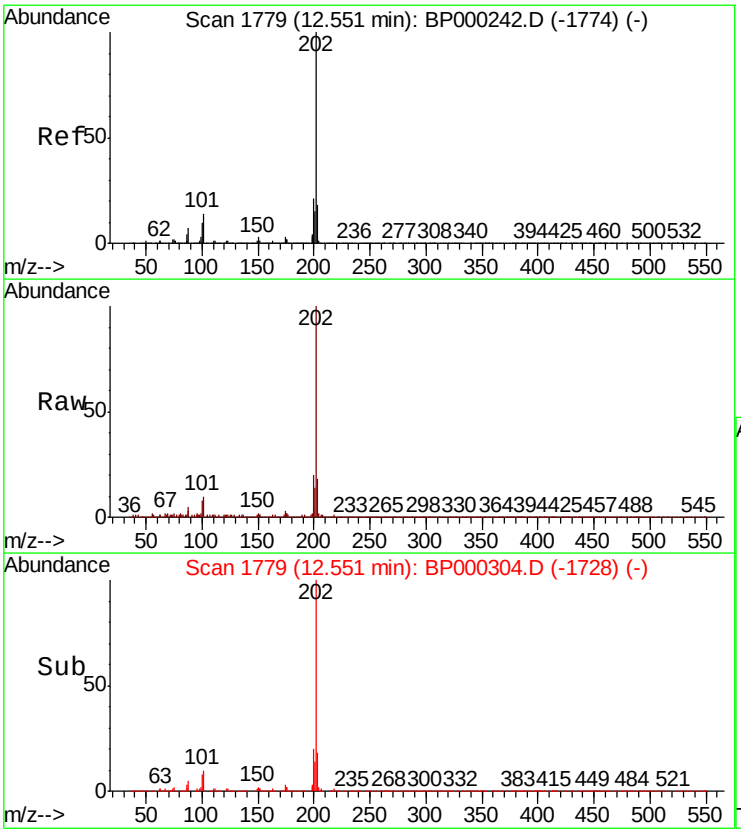
#71
Phenanthrene
Concen: 3.535 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 185839

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.9	12.7	19.1

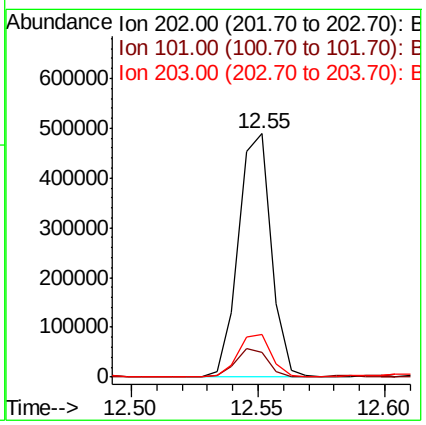


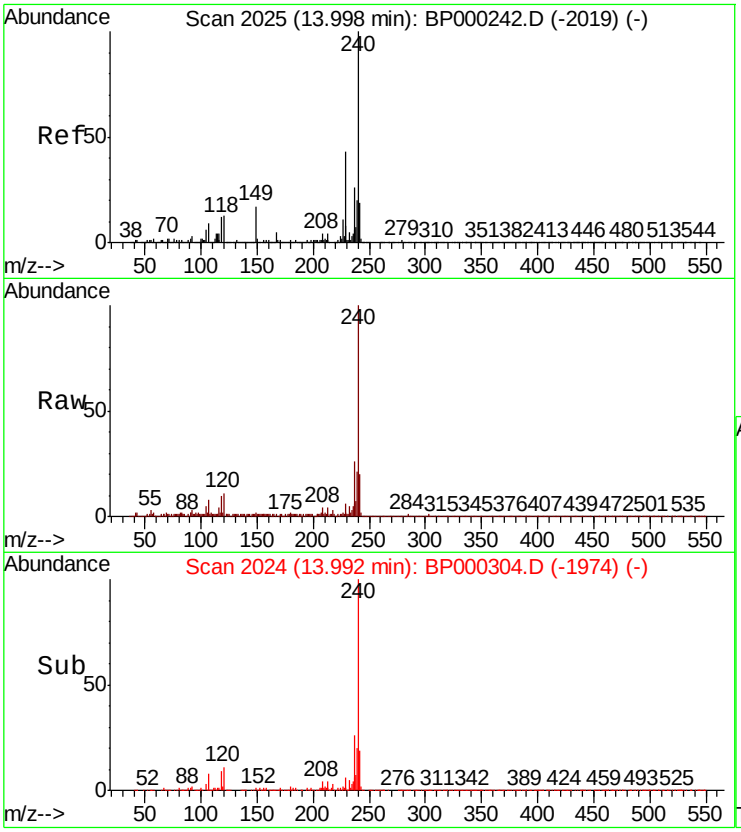


#75
Fluoranthene
Concen: 7.775 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:202 Resp: 438918

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	33.9
203	17.8	0.0	38.0



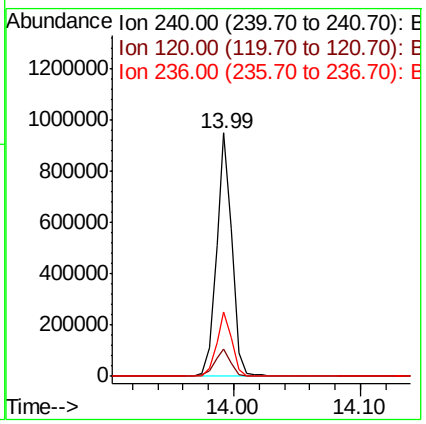


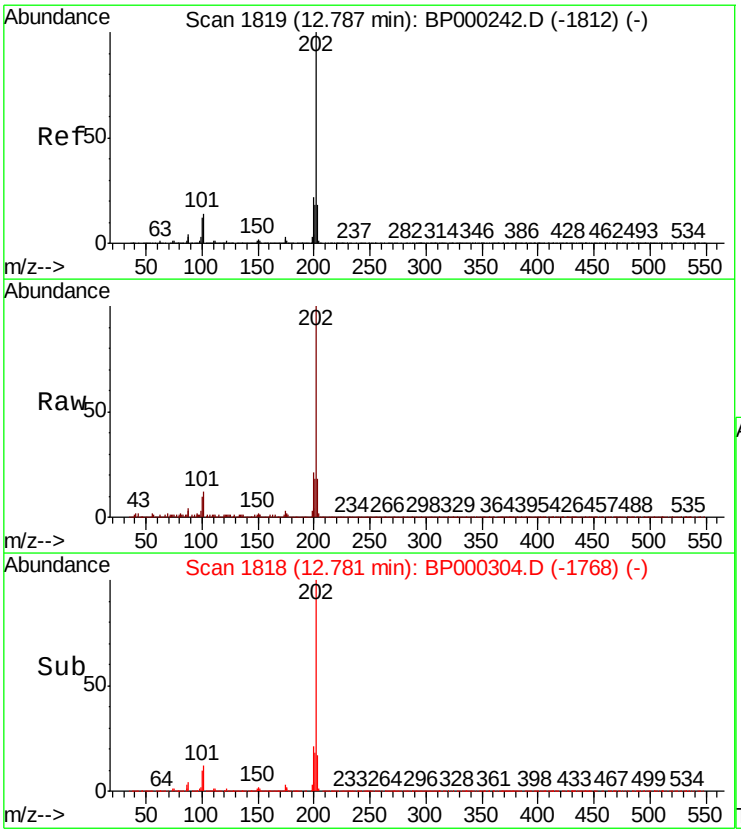
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 797379

Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.4	15.6
236	26.5	21.0	31.6

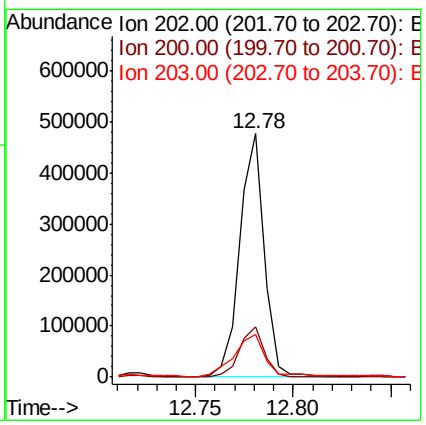


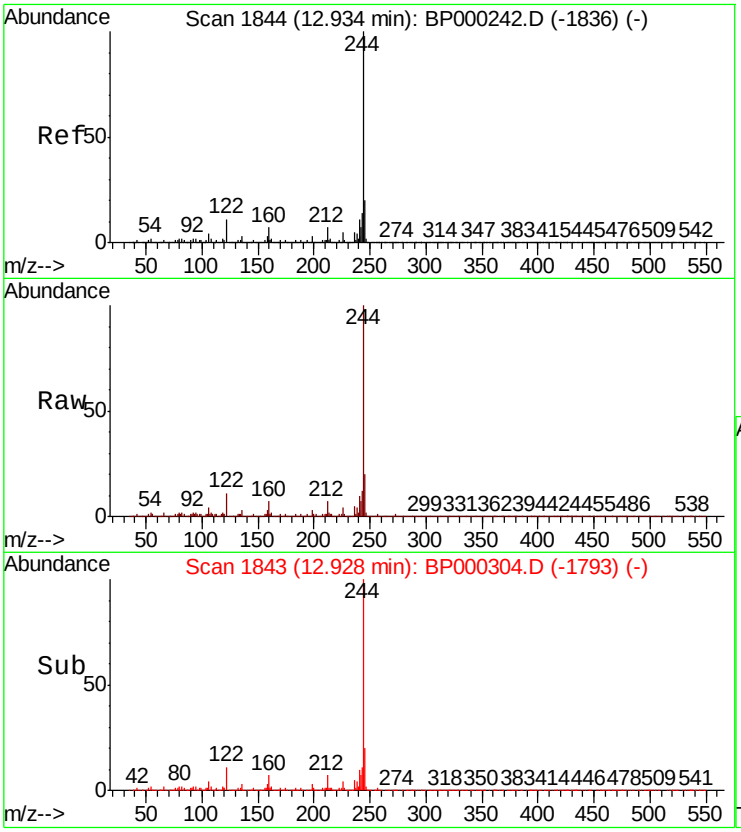


#78
Pyrene
Concen: 6.866 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:202 Resp: 409621

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	17.5	14.3	21.5



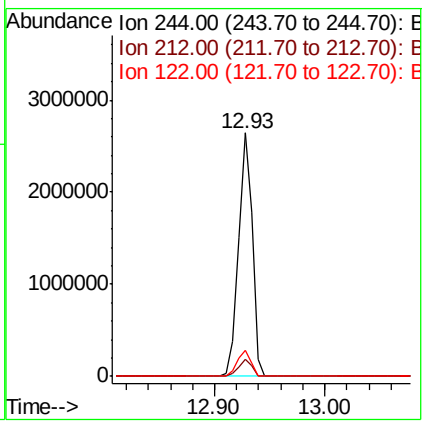


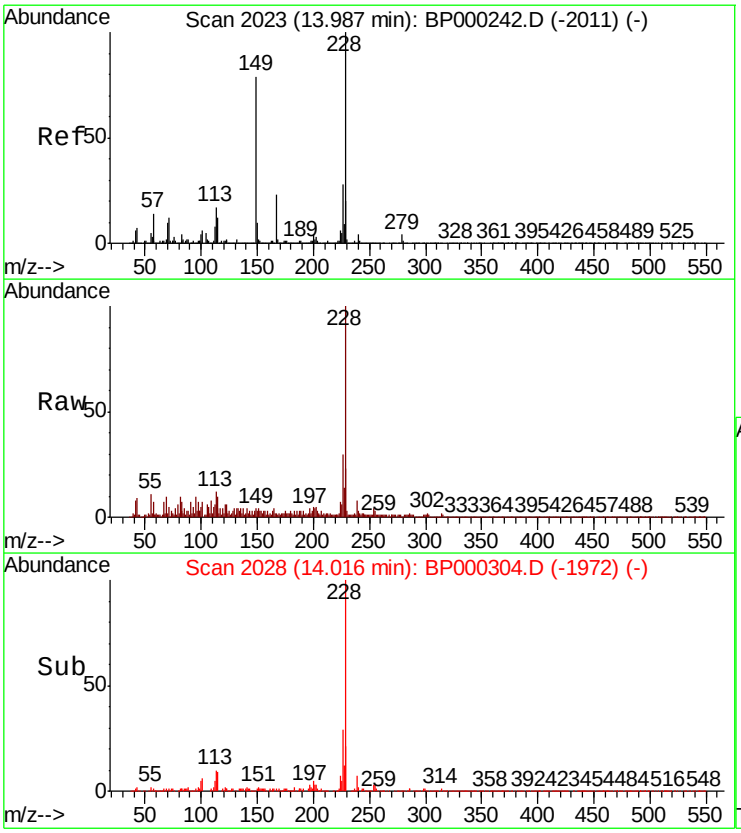
#79
Terphenyl-d14
Concen: 60.966 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2317288

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.6	9.0	13.4

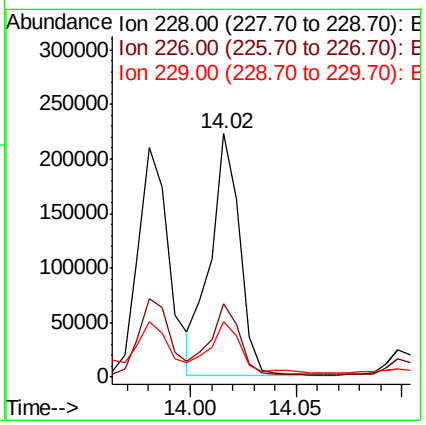


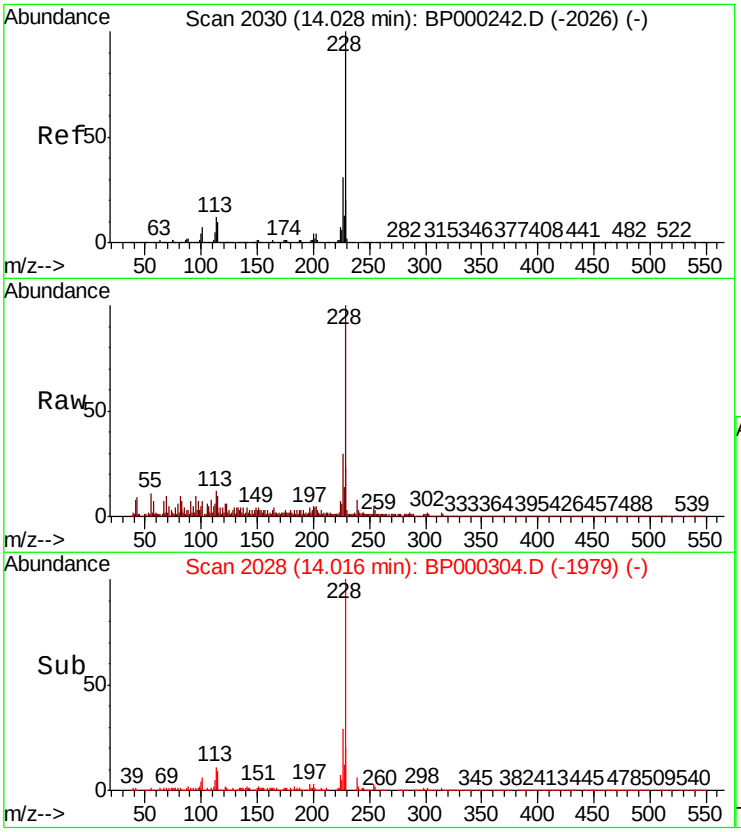


#81
Benzo(a)anthracene
Concen: 4.211 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.03 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:228 Resp: 212111

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.2	33.4
229	22.8	16.0	24.0



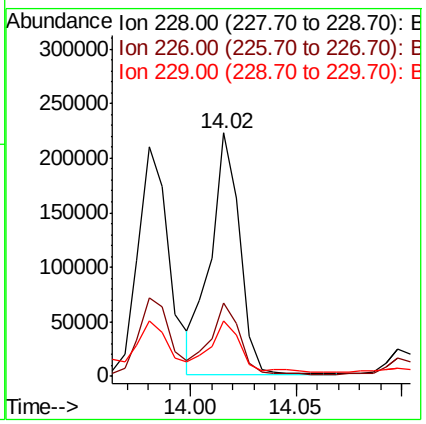


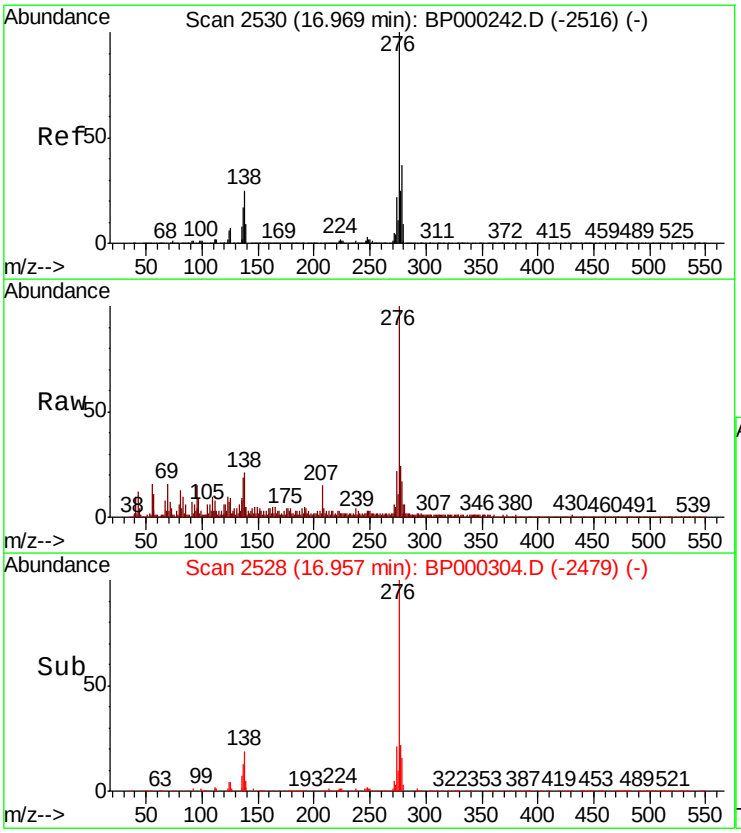
#83
Chrysene
Concen: 4.289 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 212111

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	22.8	16.2	24.2

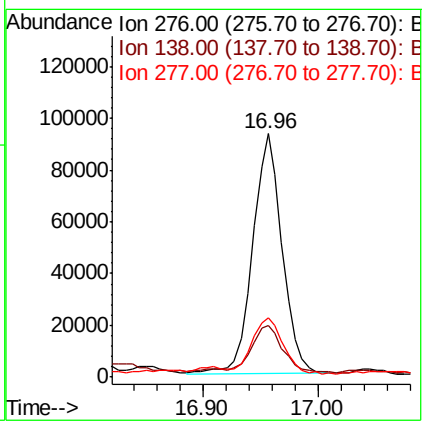


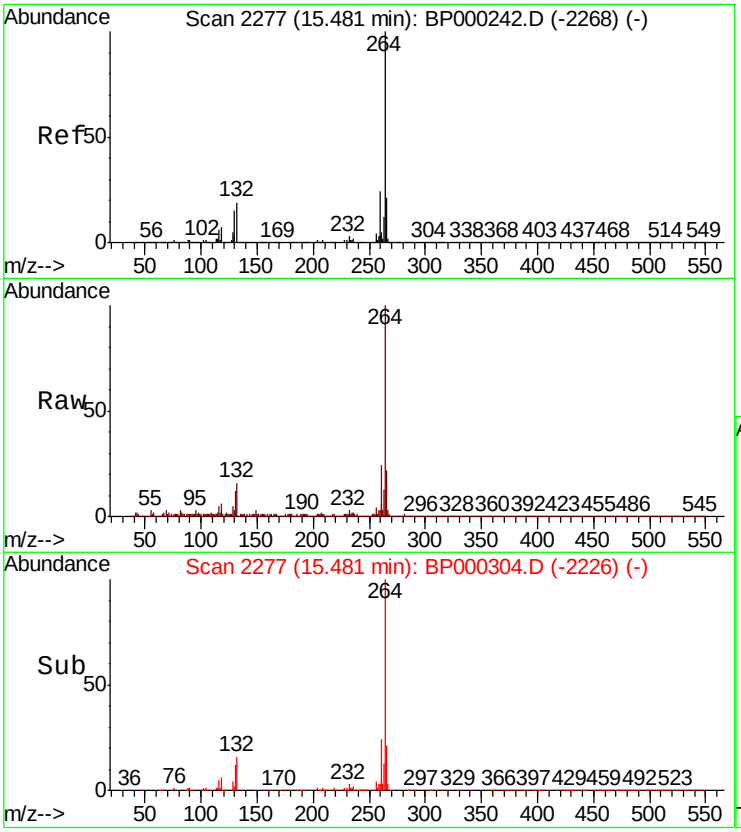


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.720 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:276 Resp: 163974

Ion	Ratio	Lower	Upper
276	100		
138	20.3	22.6	33.8#
277	24.8	20.4	30.6



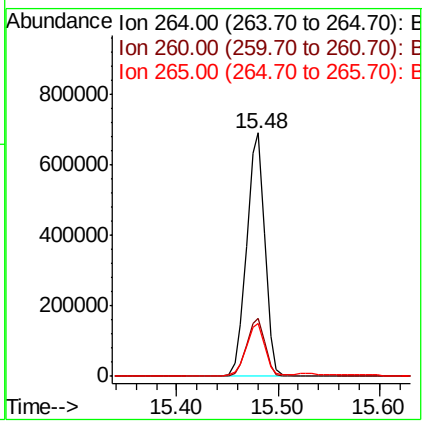


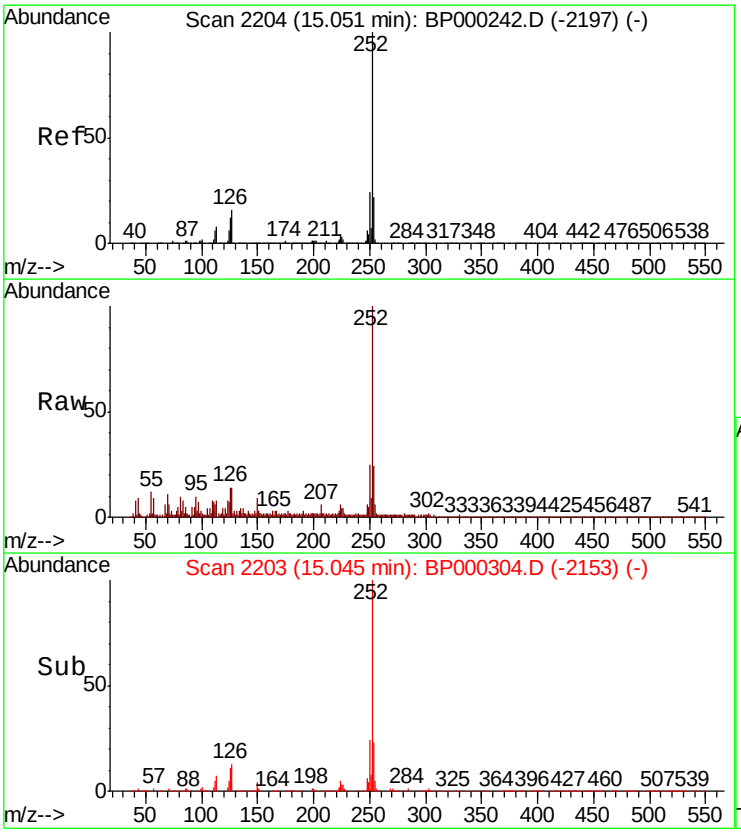
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 860279

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.6	17.2	25.8

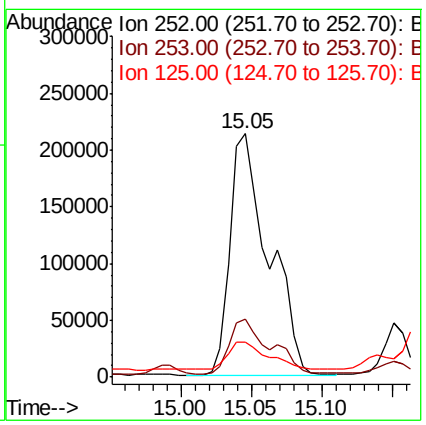


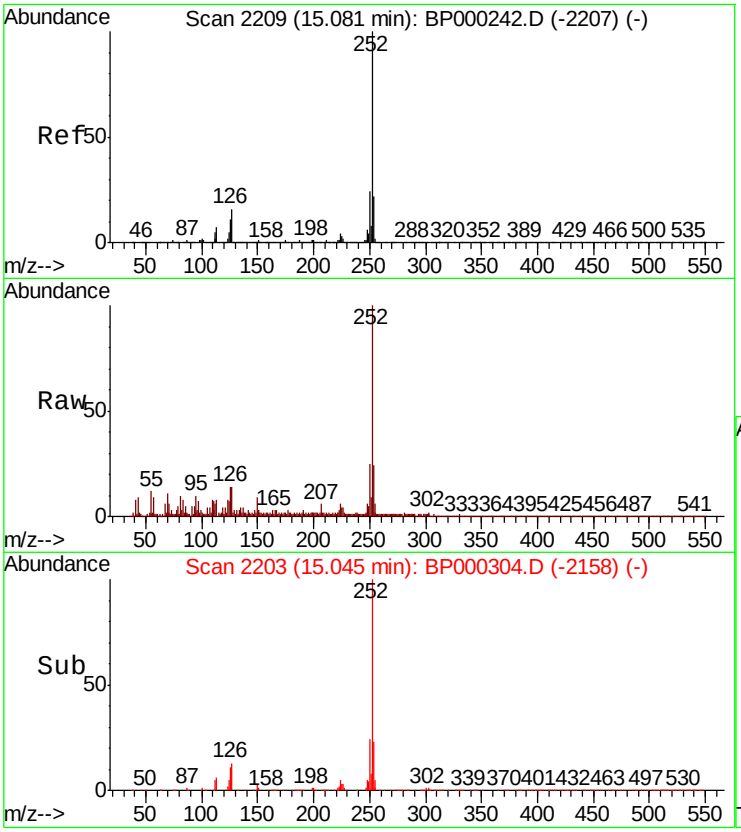


#88
Benzo(b)fluoranthene
Concen: 7.957 ng
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:252 Resp: 408369

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	14.4	9.5	14.3#



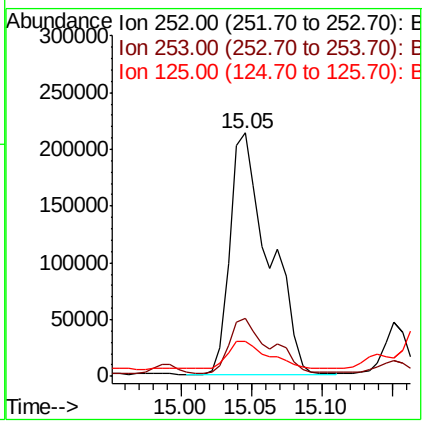


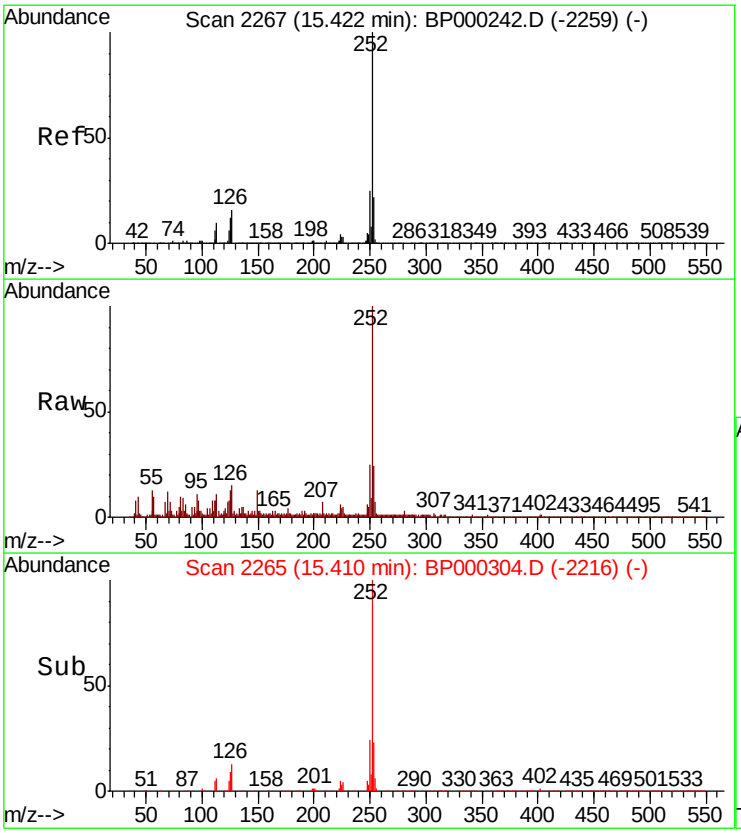
#89
Benzo(k)fluoranthene
Concen: 9.122 ng
RT: 15.05 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 408369

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	14.4	9.6	14.4

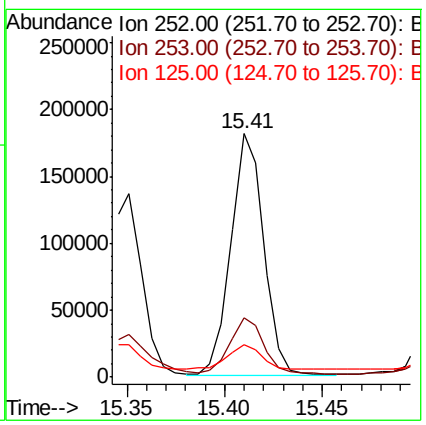


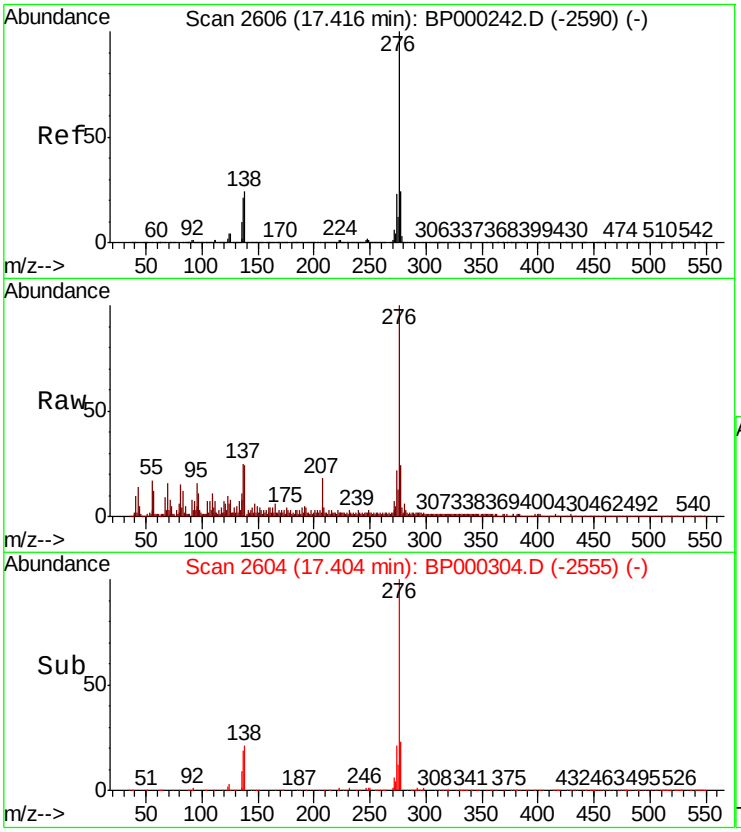


#90
Benzo(a)pyrene
Concen: 4.499 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Tgt Ion:252 Resp: 210104

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	13.4	10.0	15.0





#92
Benzo(g,h,i)perylene
Concen: 3.627 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BP000304.D
Acq: 18 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 162336

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	23.6	19.5	29.3