Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001241.D
Acq On : 06 Dec 2019 20:52
Operator : JU
Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 07 00:41:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	77731	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	287611	20.00	ng		-0.01
39) Acenaphthene-d10	13.20	164	164679	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	311995	20.00	ng		-0.01
76) Chrysene-d12	19.24	240	229730	20.00	ng		-0.02
87) Perylene-d12	21.02	264	240208	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	501982	107.14	ng		0.01
7) Phenol-d6	7.76	99	695057	111.35	ng		0.00
23) Nitrobenzene-d5	9.19	82	475948	71.80	ng		-0.01
42) 2,4,6-Tribromophenol	14.50	330	184732	117.03	ng		0.00
45) 2-Fluorobiphenyl	12.12	172	783712	69.65	ng		-0.01
79) Terphenyl-d14	17.88	244	845416	68.08	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	7.60	77	405	Below Cal		#	40
19) n-Nitroso-di-n-propylamine	9.19	70	69116	15.345	ng	#	80
50) Dimethylphthalate	12.79	163	77996	6.333	ng		99
54) 2,4-Dinitrophenol	13.29	184	26	7.131	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.21	198	24	6.292	ng	#	1
71) Phenanthrene	15.63	178	73467	4.479	ng		98
72) Anthracene	15.63	178	73467	4.544	ng		99
75) Fluoranthene	17.35	202	166832	9.608	ng		98
78) Pyrene	17.65	202	153846	8.503	ng		97
81) Benzo(a)anthracene	19.23	228	79173	4.971	ng	#	89
83) Chrysene	19.23	228	79173	5.551	ng		91
85) Di-n-octyl phthalate	20.11	149	85555	4.192	ng	#	51
86) Indeno(1,2,3-cd)pyrene	22.64	276	38617	2.297	ng		93
88) Benzo(b)fluoranthene	20.53	252	126194	8.601	ng	#	90
89) Benzo(k)fluoranthene	20.53	252	126194	8.930	ng	#	90
90) Benzo(a)pyrene	20.94	252	67275	4.978	ng	#	87
92) Benzo(g,h,i)perylene	23.13	276	39793	3.047	ng	#	91

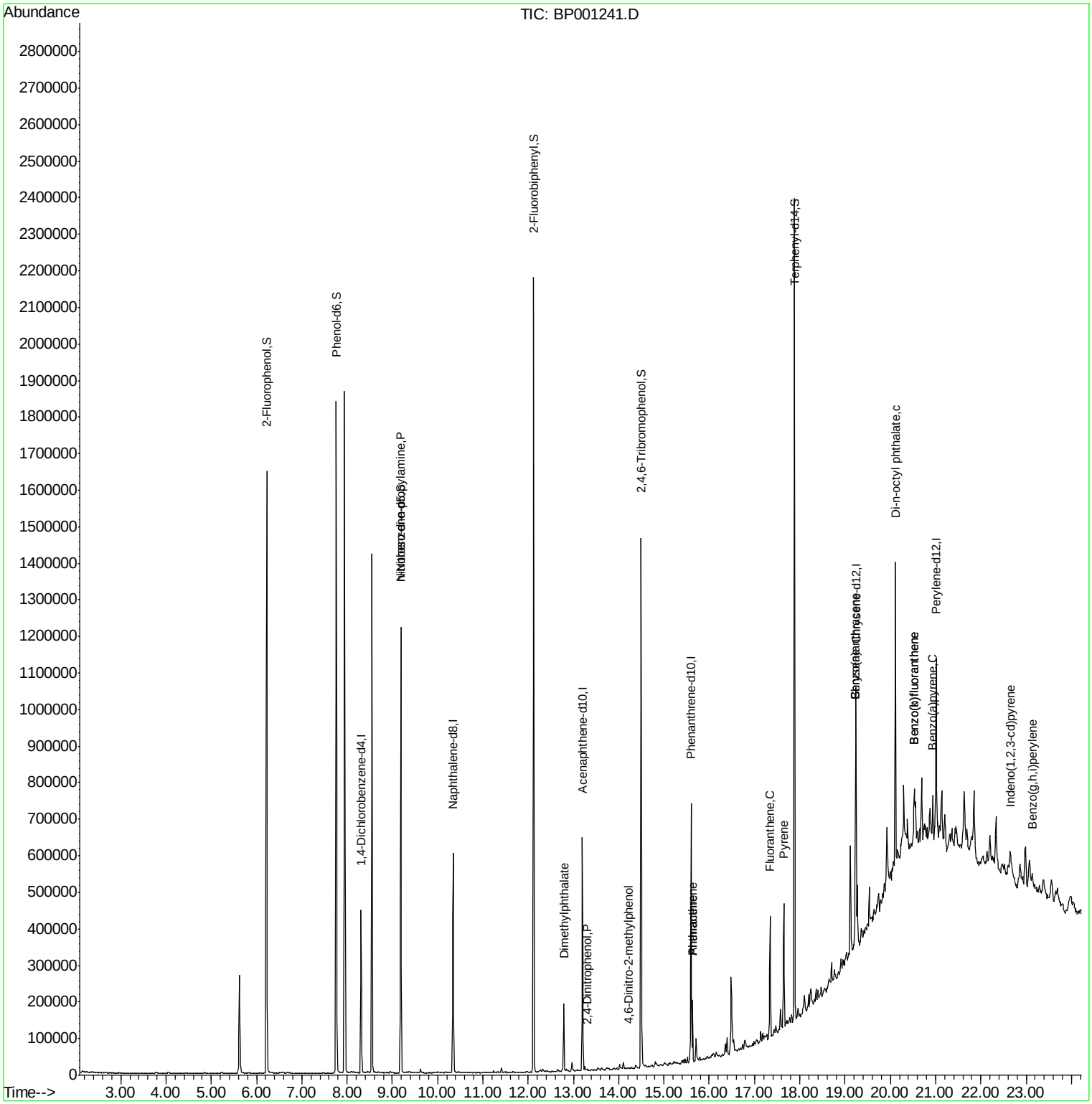
(#) = qualifier out of range (m) = manual integration (+) = signals summed

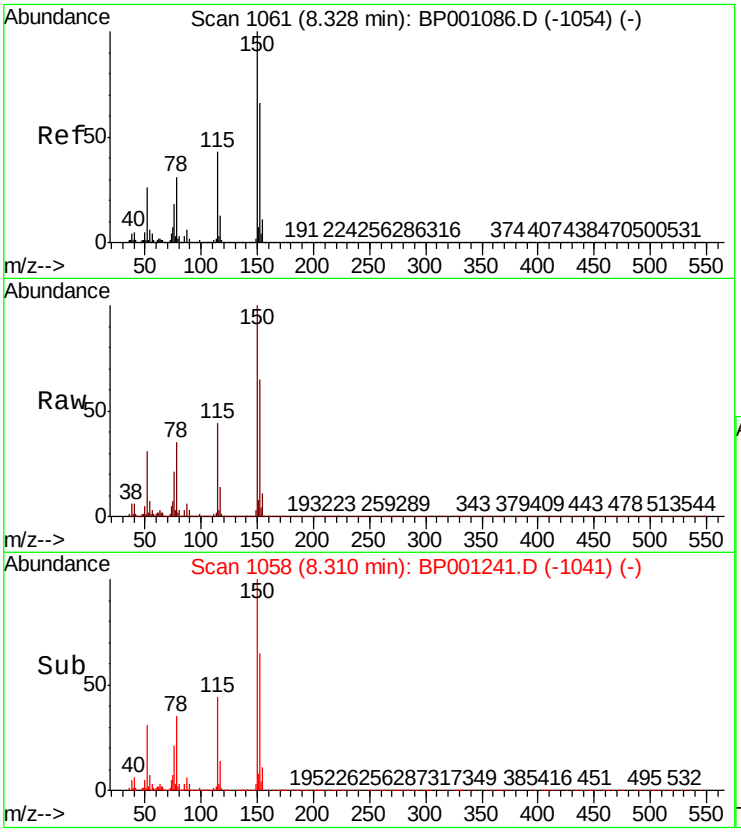
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001241.D
Acq On : 06 Dec 2019 20:52
Operator : JU
Sample : K6145-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 07 00:41:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration



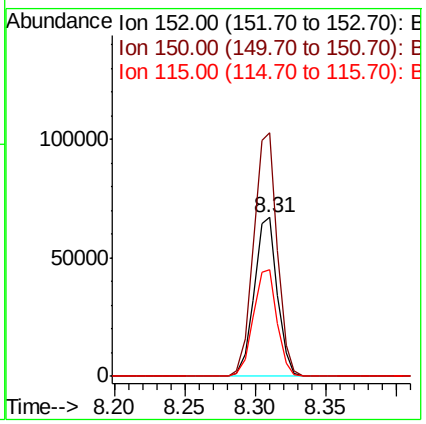


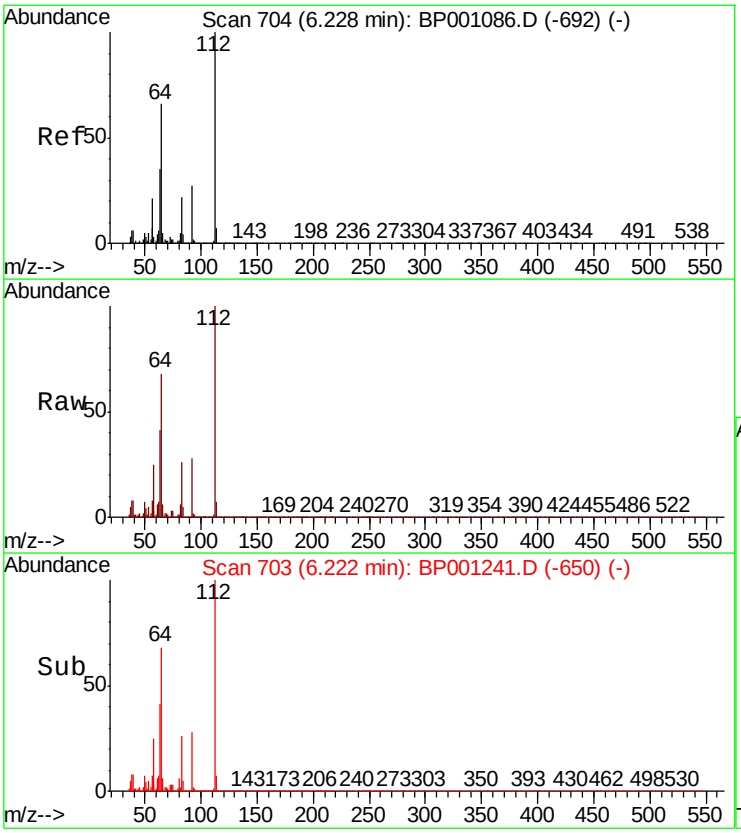
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 77731

Ion	Ratio	Lower	Upper
152	100		
150	153.5	127.3	190.9
115	67.4	56.0	84.0

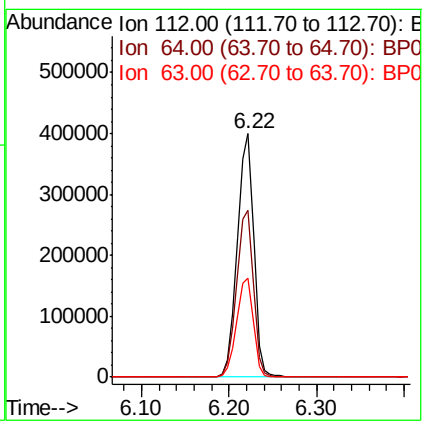


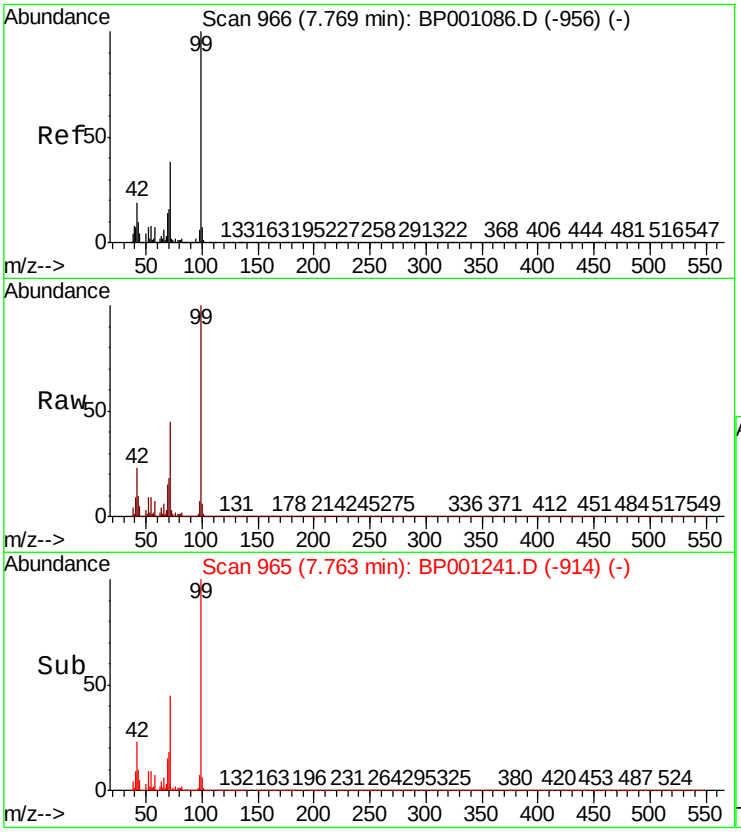


#5
2-Fluorophenol
Concen: 107.142 ng
RT: 6.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:112 Resp: 501982

Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.8	85.2
63	40.6	32.2	48.2



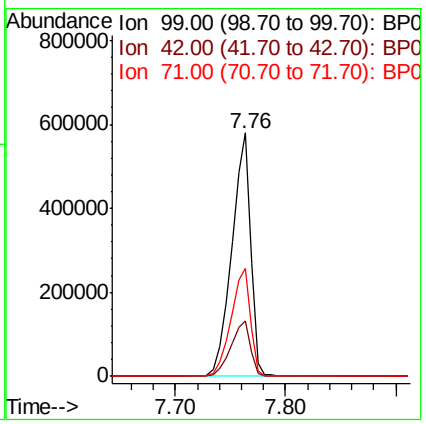


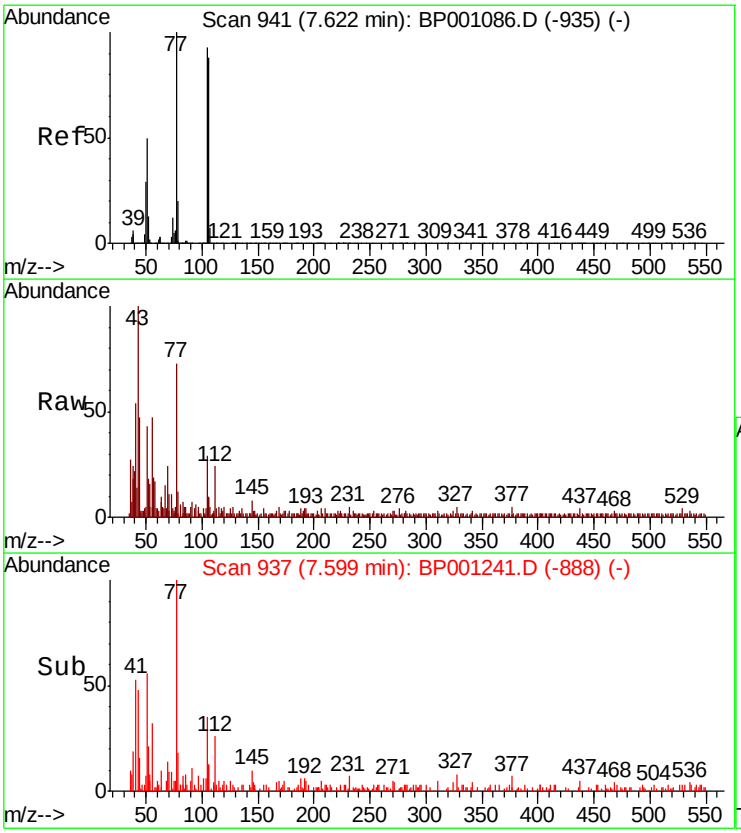
#7
Phenol-d6
Concen: 111.355 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 695057

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.6	26.4
71	44.6	33.8	50.8

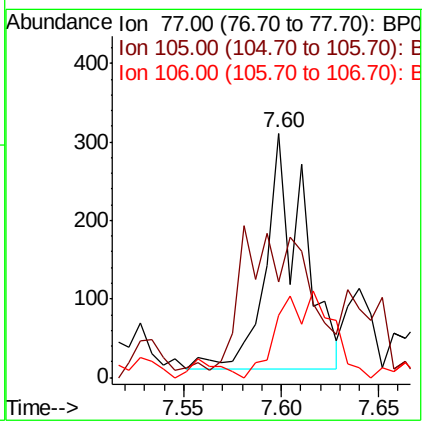


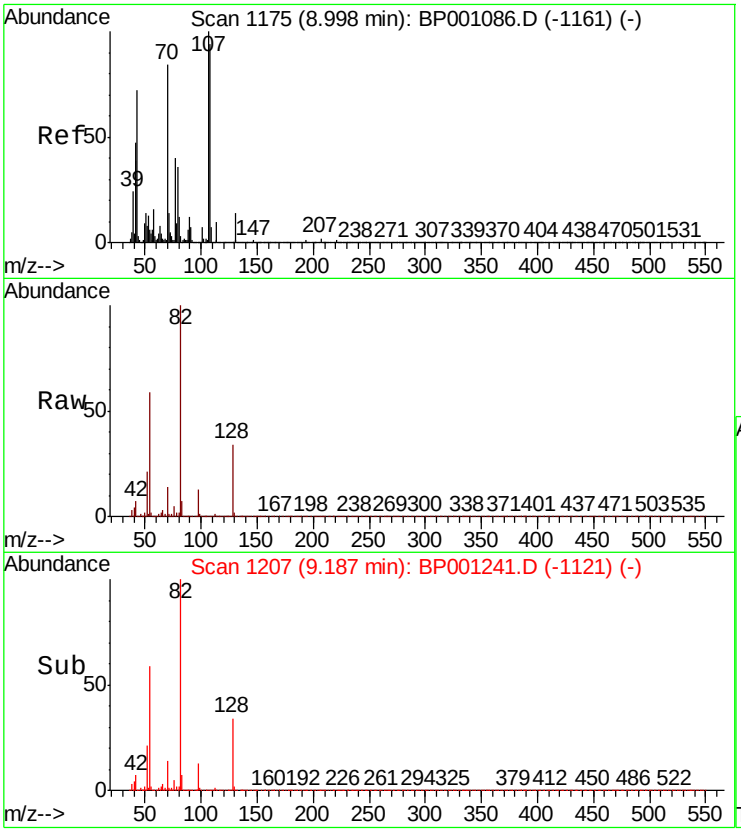


#9
Benzaldehyde
Concen: Below Cal
RT: 7.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion: 77 Resp: 405

Ion	Ratio	Lower	Upper
77	100		
105	39.2	69.7	109.7#
106	25.7	67.1	107.1#



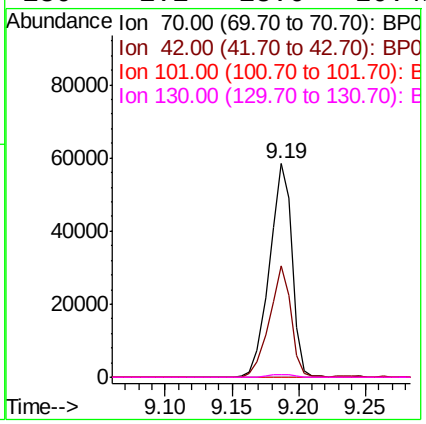


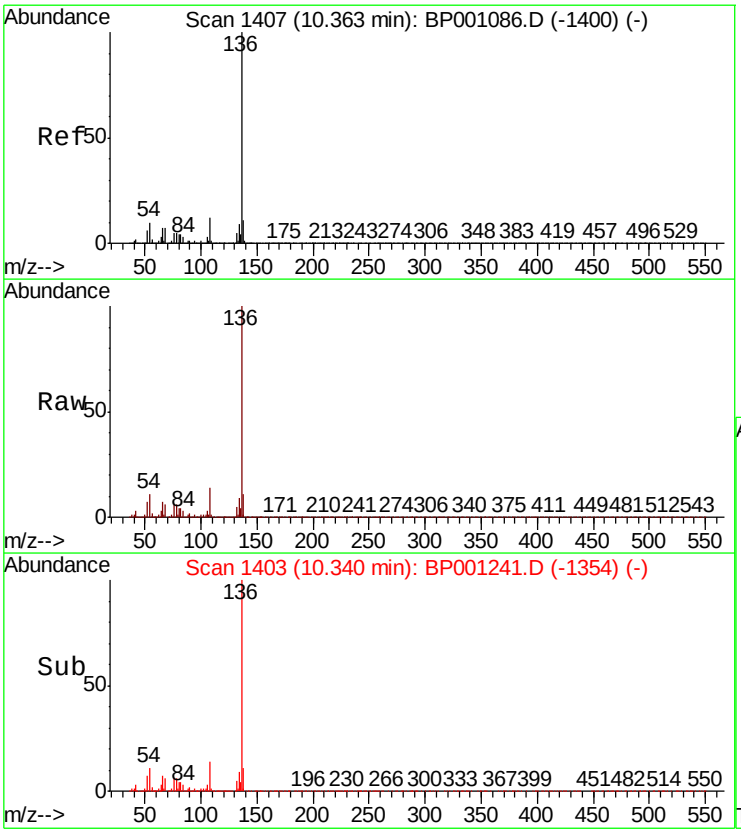
#19
n-Nitroso-di-n-propylamine
Concen: 15.345 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 69116

Ion	Ratio	Lower	Upper
70	100		
42	52.1	50.6	76.0
101	0.0	7.1	10.7#
130	1.1	13.6	20.4#

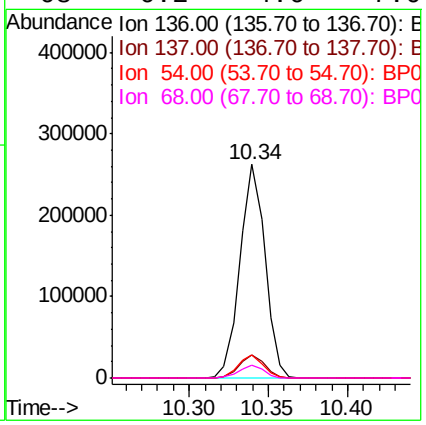


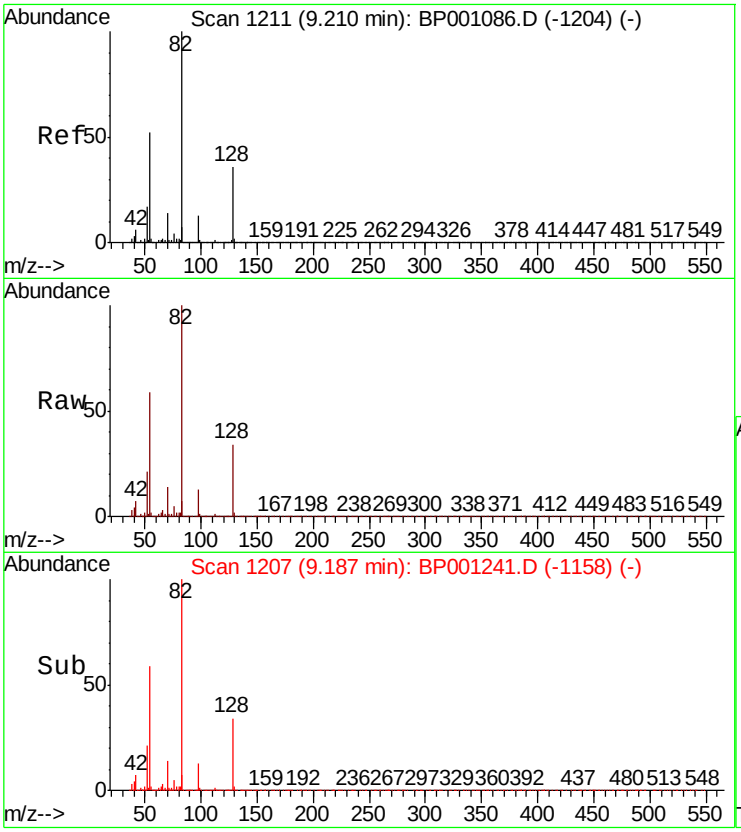


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:136 Resp: 287611

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.8	7.4	11.0
68	6.2	4.6	7.0



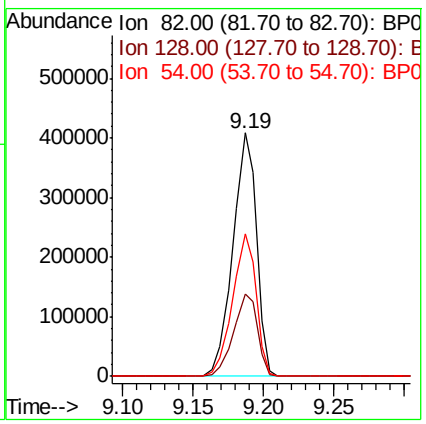


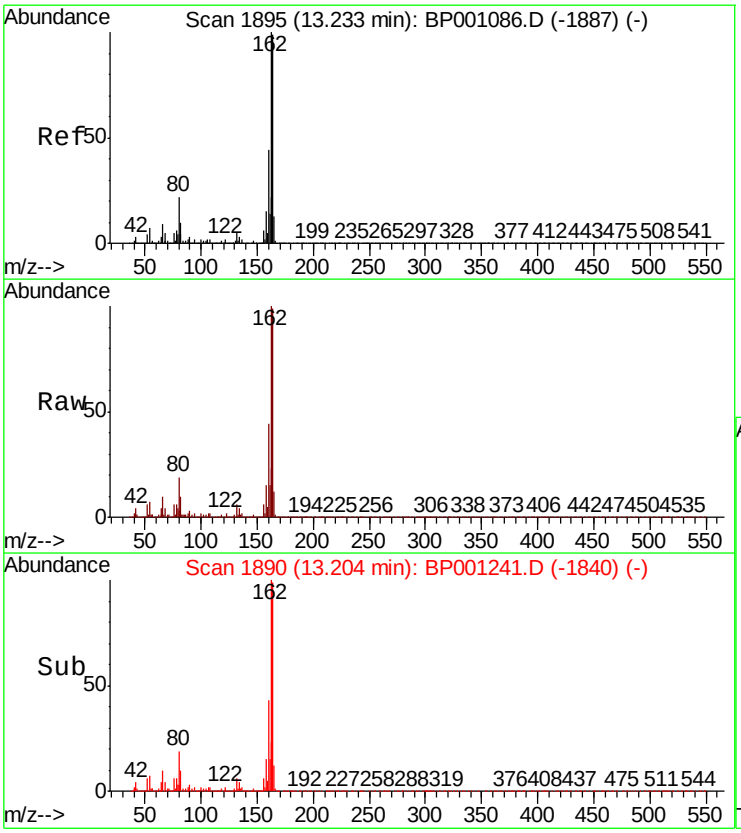
#23
Nitrobenzene-d5
Concen: 71.796 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 475948

Ion	Ratio	Lower	Upper
82	100		
128	33.7	27.5	41.3
54	58.5	45.7	68.5

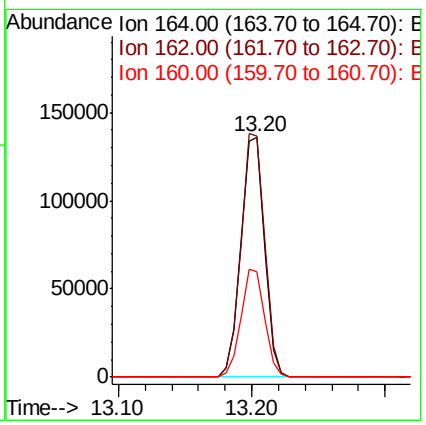


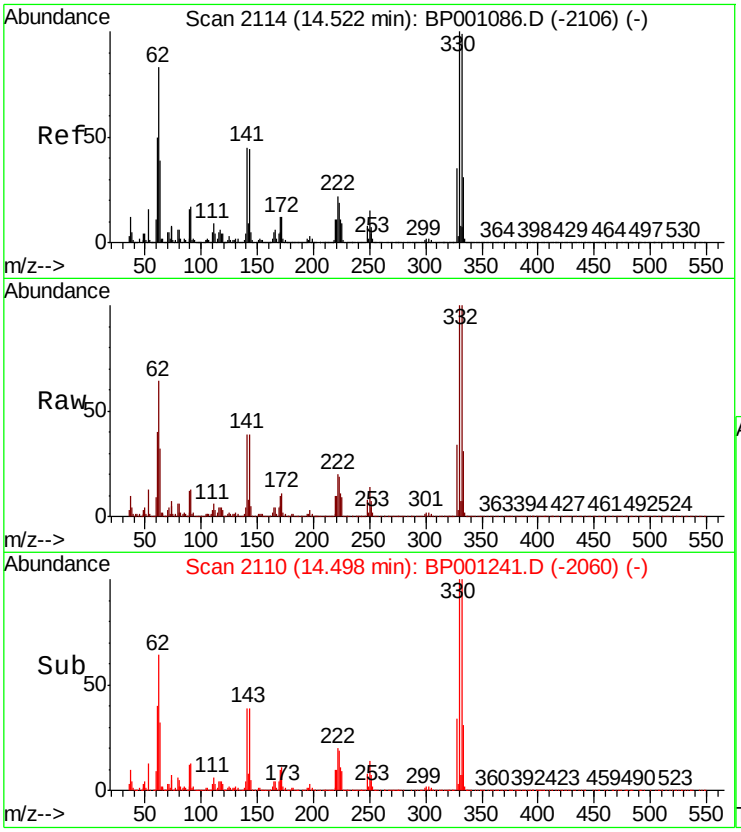


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:164 Resp: 164679

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.7	121.1
160	43.7	36.3	54.5



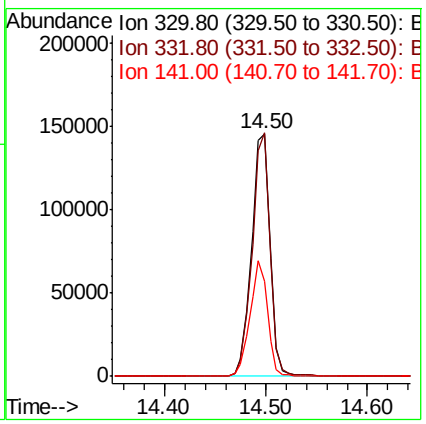


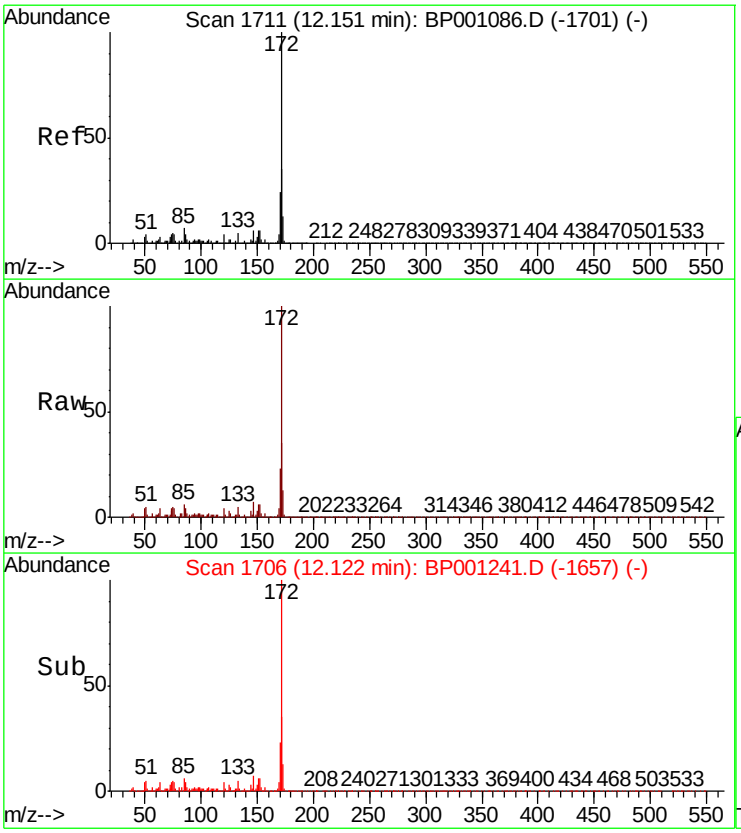
#42
2,4,6-Tribromophenol
Concen: 117.034 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 184732

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	45.4	35.9	53.9

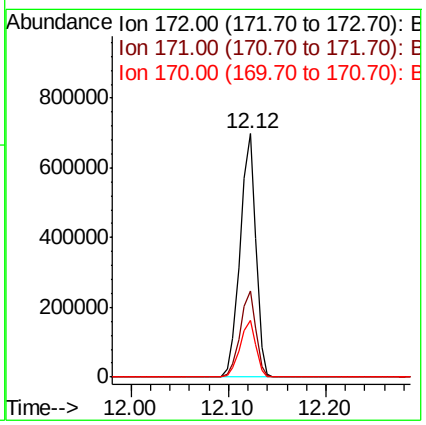


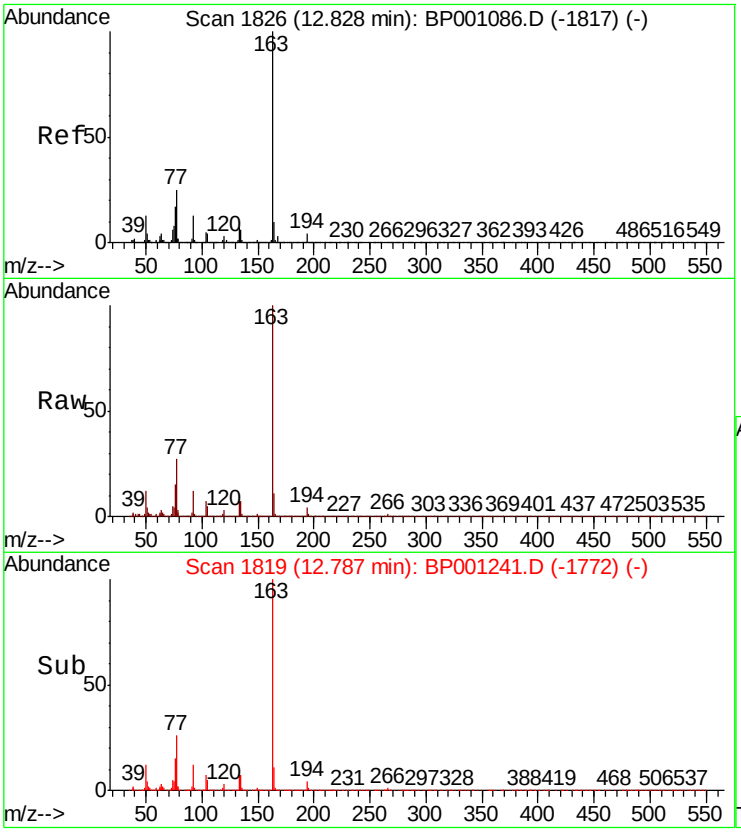


#45
2-Fluorobiphenyl
Concen: 69.652 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:172 Resp: 783712

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.2	19.2	28.8



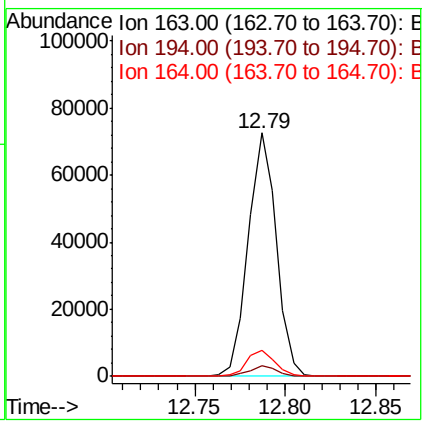


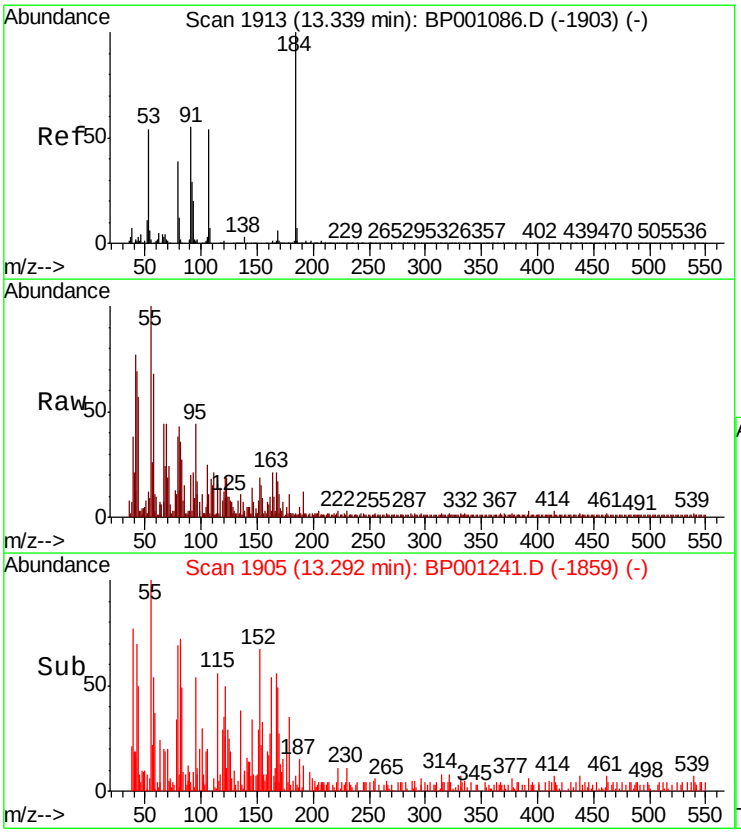
#50
Dimethylphthalate
Concen: 6.333 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 77996

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.6	8.2	12.4

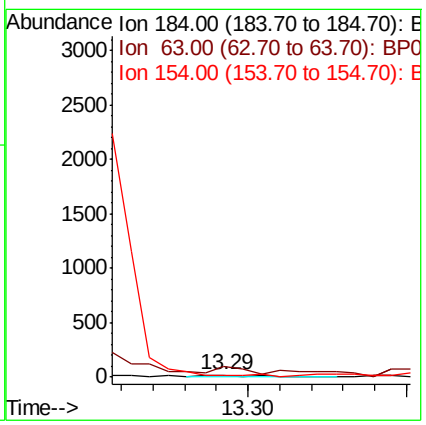


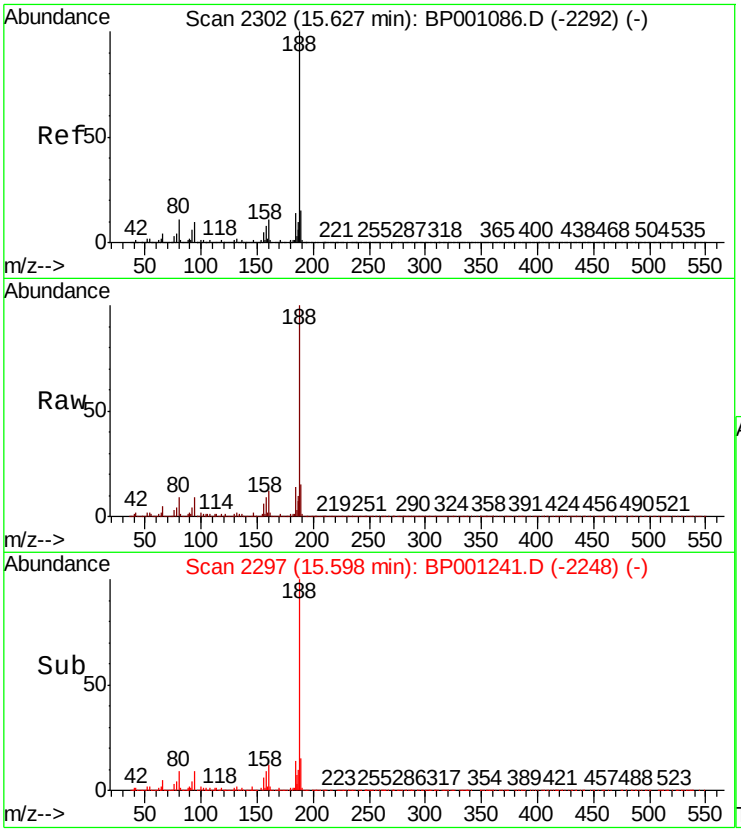


#54
2,4-Dinitrophenol
Concen: 7.131 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:184 Resp: 26

Ion	Ratio	Lower	Upper
184	100		
63	505.0	69.4	104.0#
154	90.0	57.4	86.2#



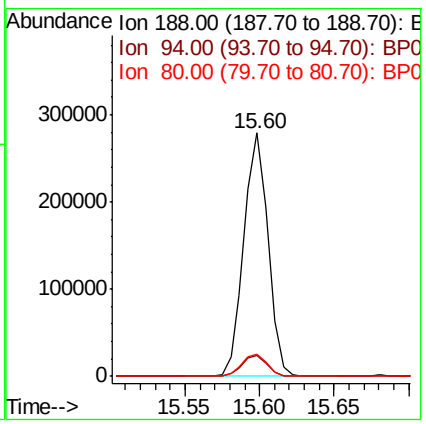


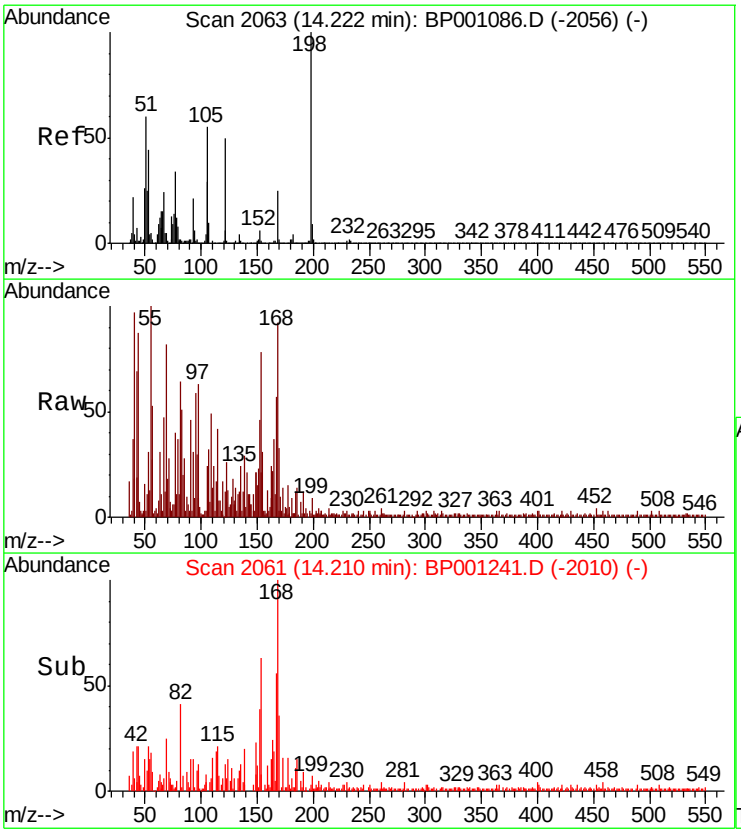
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 311995

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	8.8	7.8	11.6

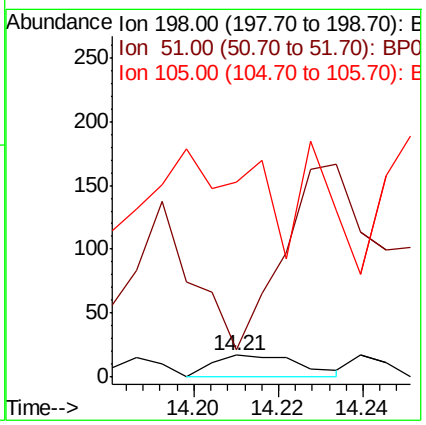


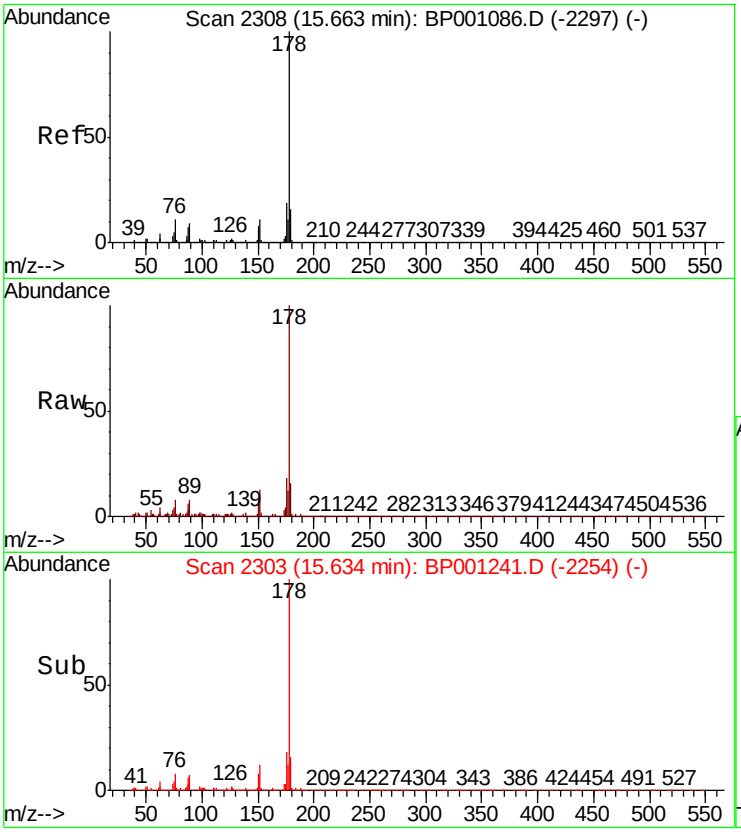


#65
4,6-Dinitro-2-methylphenol
Concen: 6.292 ng
RT: 14.21 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:198 Resp: 24

Ion	Ratio	Lower	Upper
198	100		
51	123.5	36.2	76.2#
105	900.0	30.2	70.2#



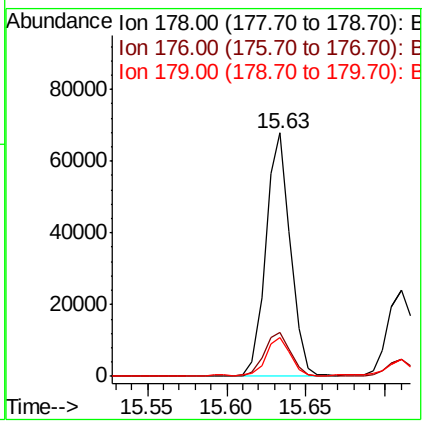


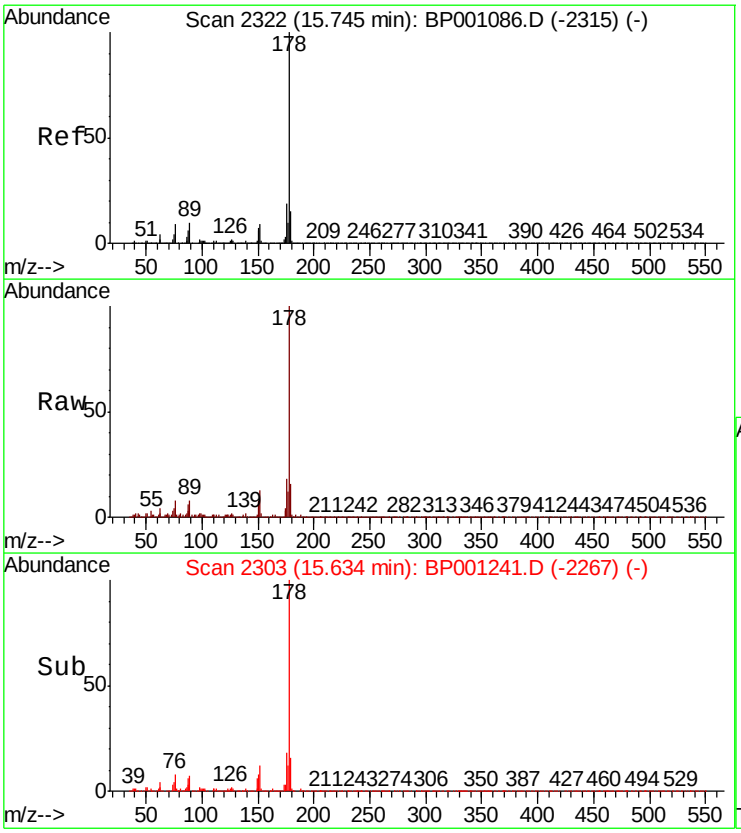
#71
Phenanthrene
Concen: 4.479 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 73467

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.7	23.5
179	16.2	12.4	18.6

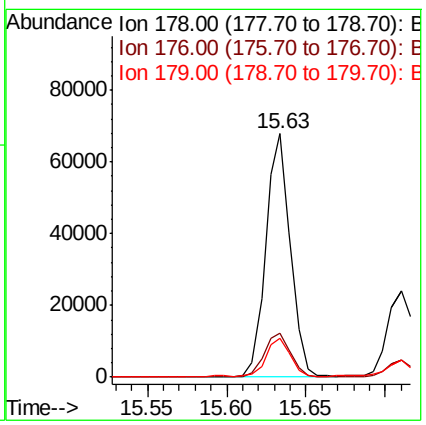


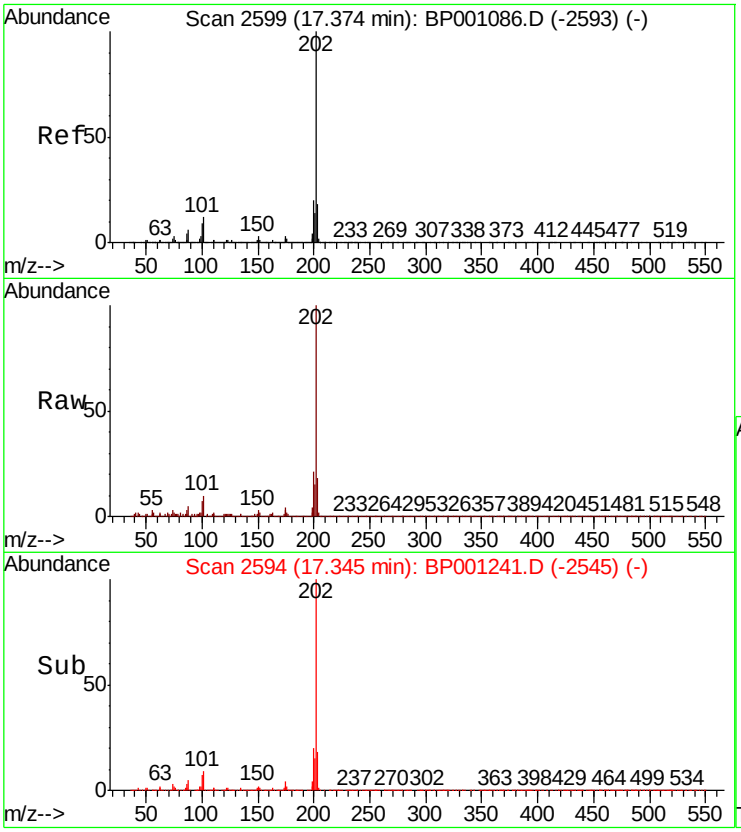


#72
Anthracene
Concen: 4.544 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.09 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:178 Resp: 73467

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	16.2	12.7	19.1



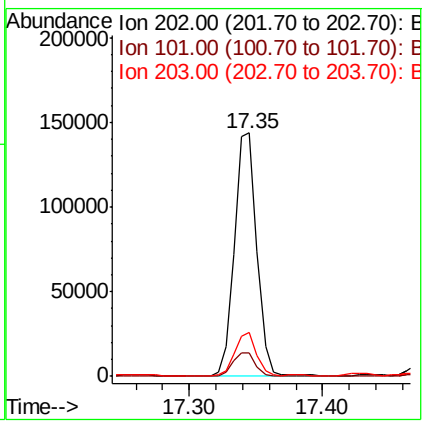


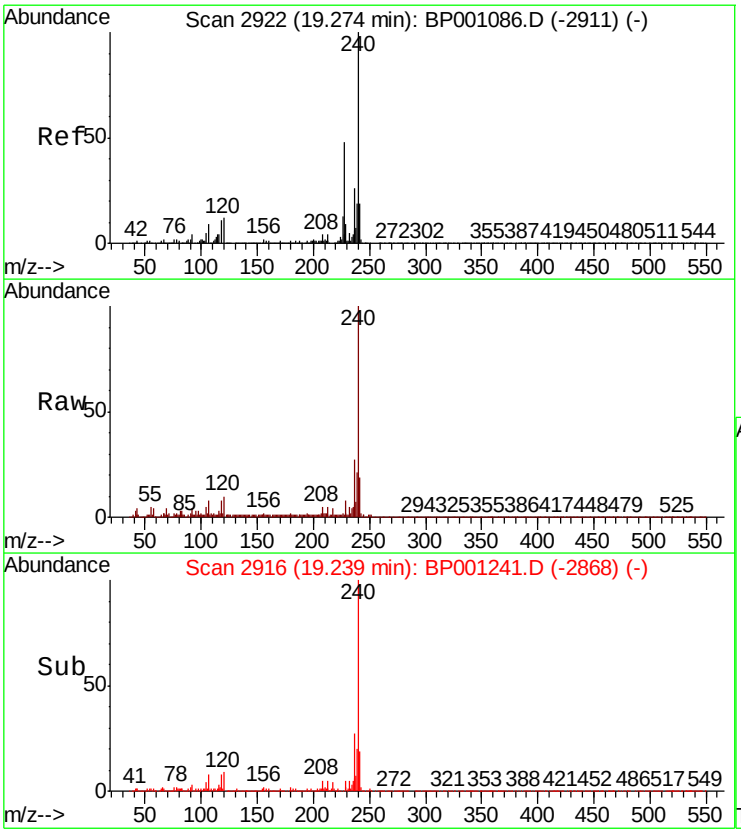
#75
Fluoranthene
Concen: 9.608 ng
RT: 17.35 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 166832

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.0
203	18.0	0.0	37.1

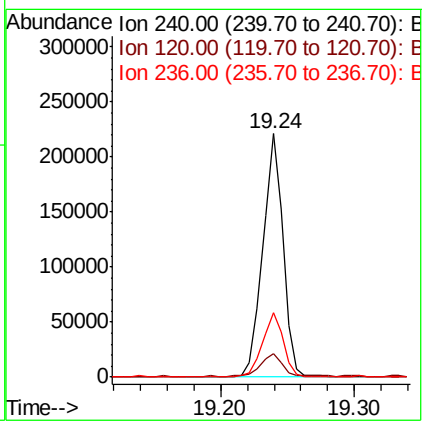


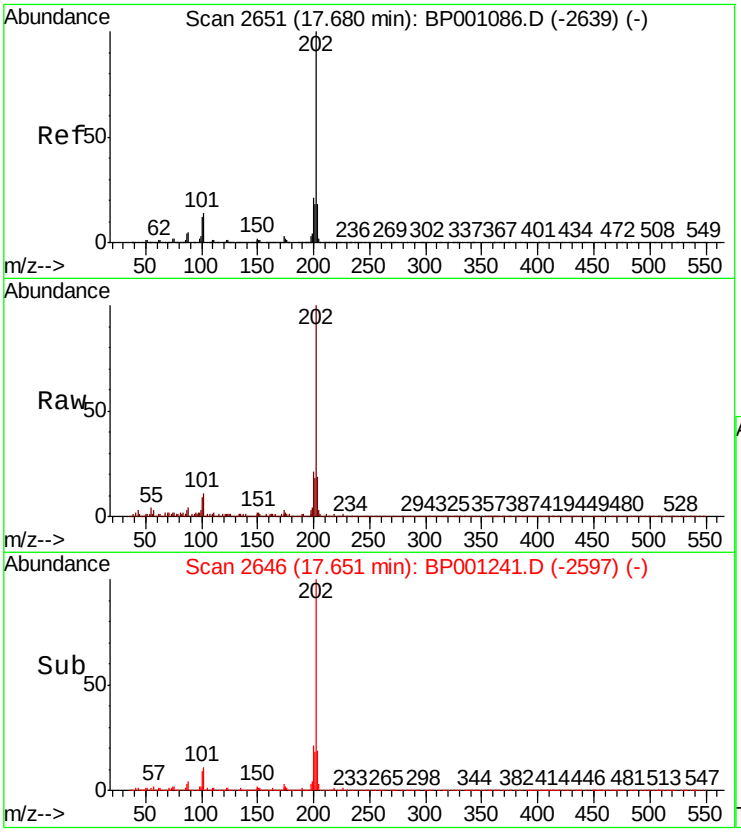


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:240 Resp: 229730

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.0	10.6
236	26.7	21.7	32.5



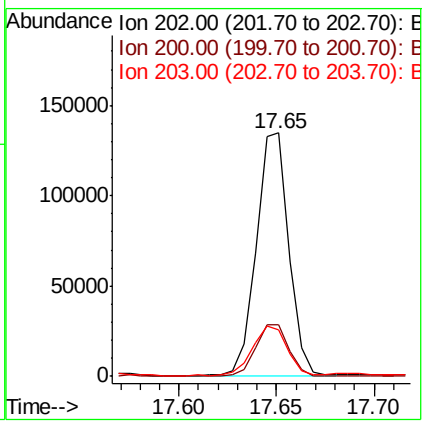


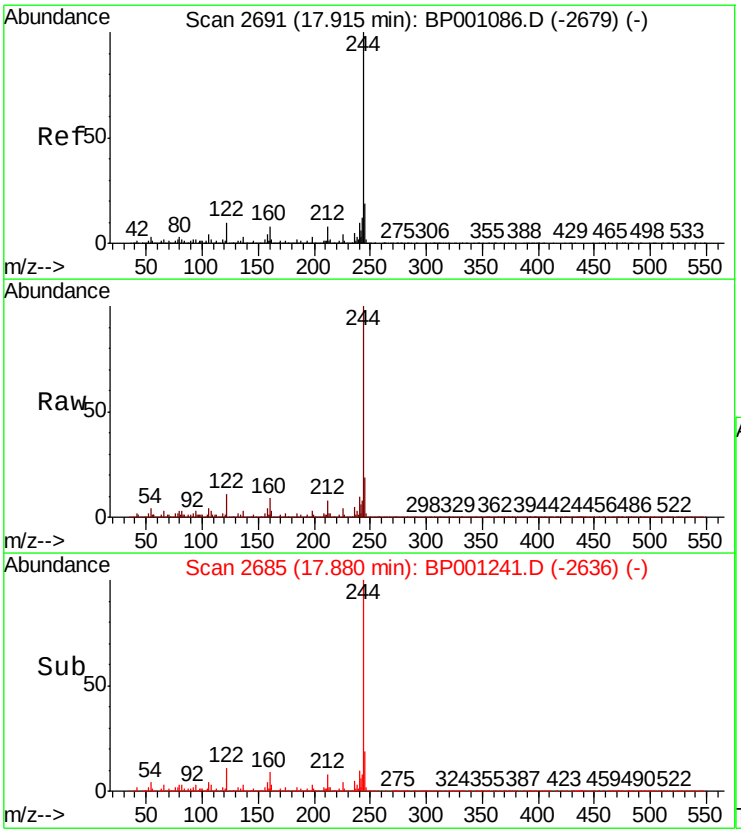
#78
Pyrene
Concen: 8.503 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 153846

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.3	25.9
203	19.2	13.8	20.8

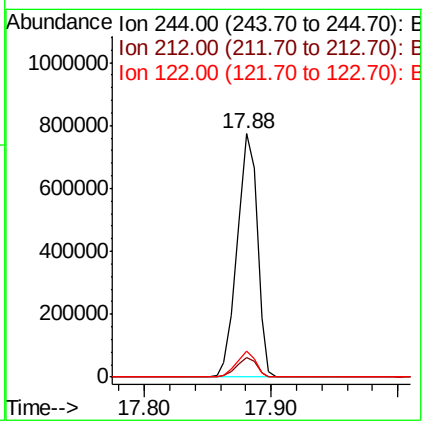


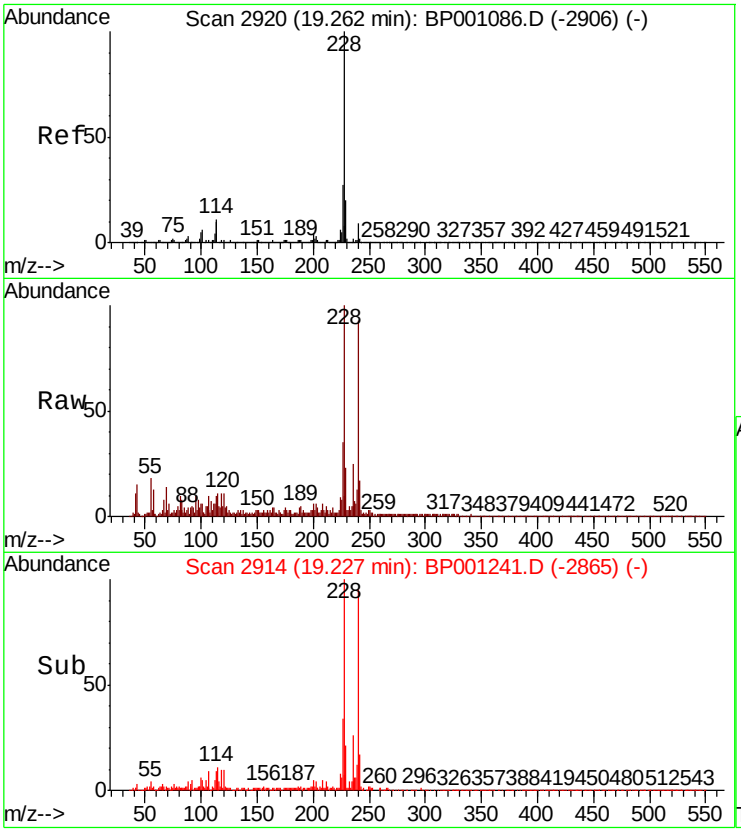


#79
Terphenyl-d14
Concen: 68.084 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:244 Resp: 845416

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	10.6	9.2	13.8



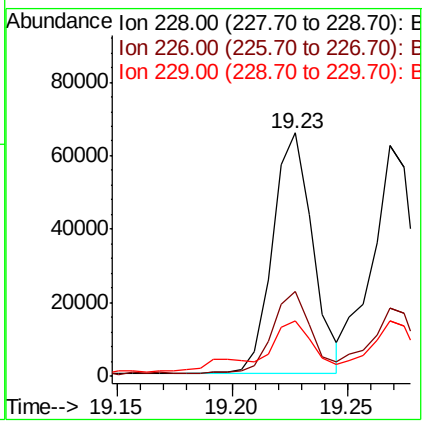


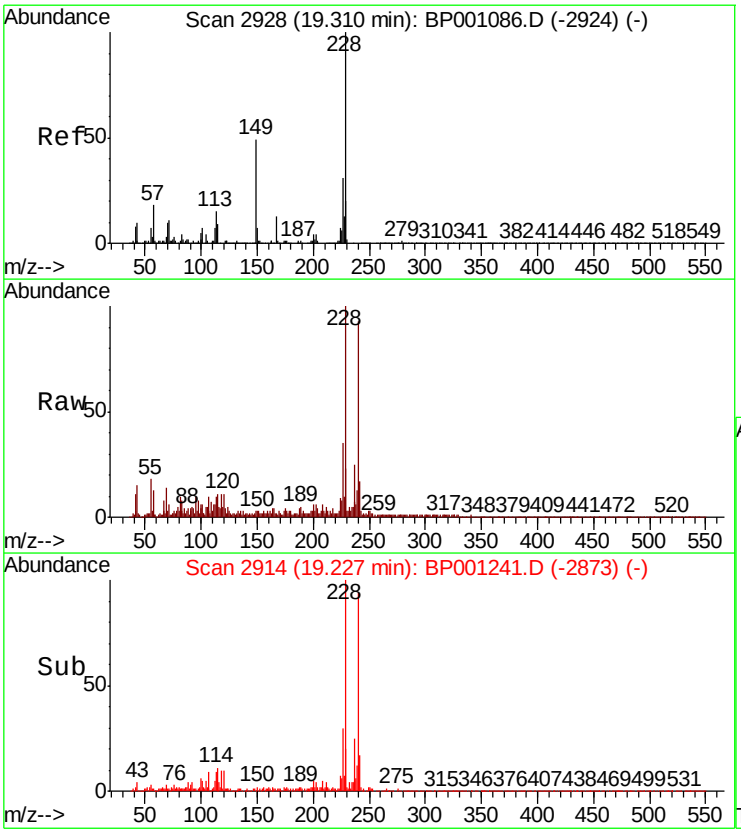
#81
Benzo(a)anthracene
Concen: 4.971 ng
RT: 19.23 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 79173

Ion	Ratio	Lower	Upper
228	100		
226	34.9	21.7	32.5#
229	22.7	15.8	23.6

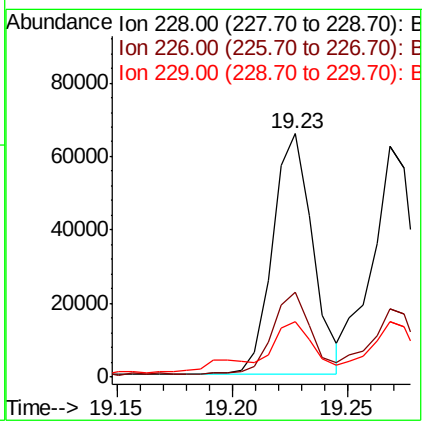


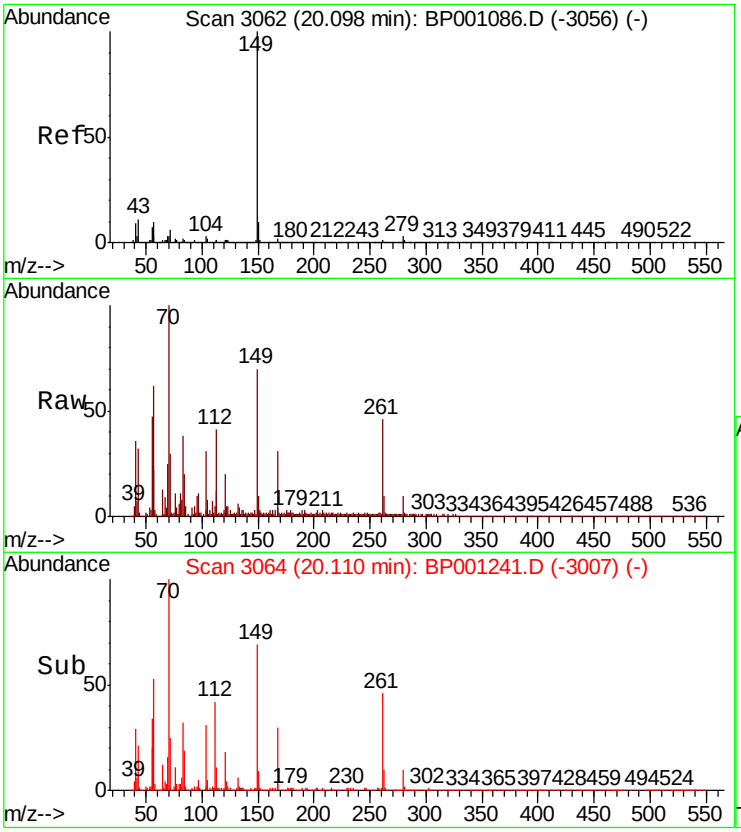


#83
Chrysene
Concen: 5.551 ng
RT: 19.23 min Scan# 2914
Delta R.T. -0.06 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:228 Resp: 79173

Ion	Ratio	Lower	Upper
228	100		
226	34.9	23.7	35.5
229	22.7	15.2	22.8



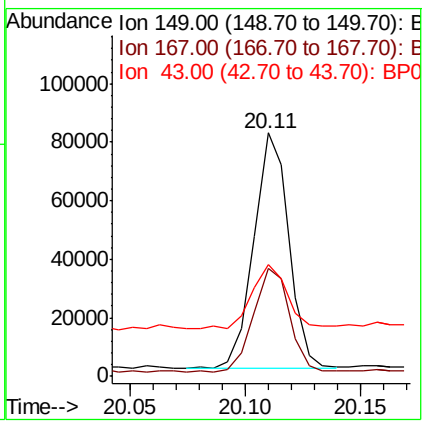


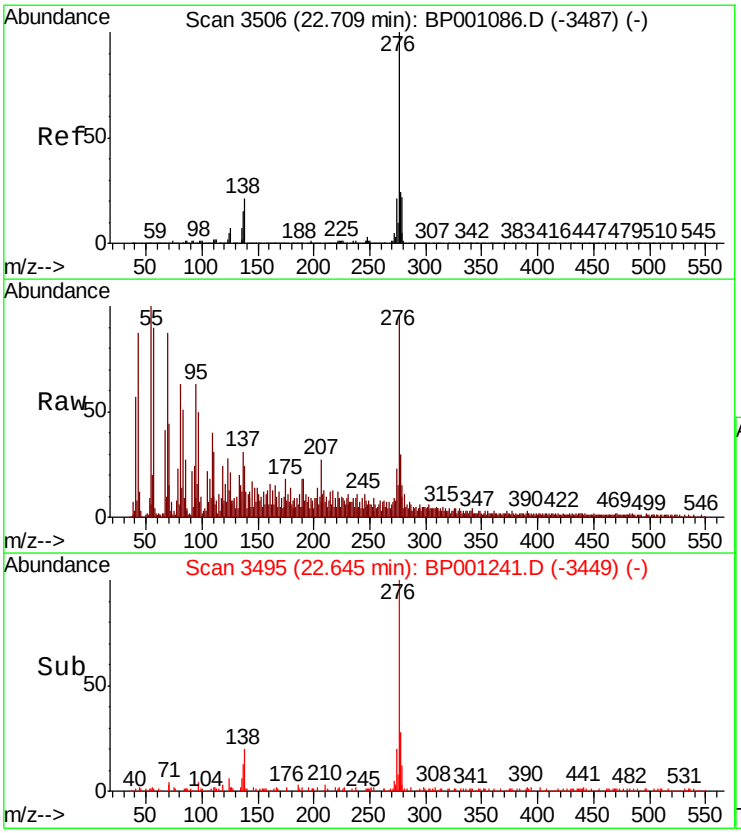
#85
Di-n-octyl phthalate
Concen: 4.192 ng
RT: 20.11 min Scan# 3064
Delta R.T. 0.04 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 85555

Ion	Ratio	Lower	Upper
149	100		
167	44.9	1.3	1.9#
43	26.6	9.1	13.7#

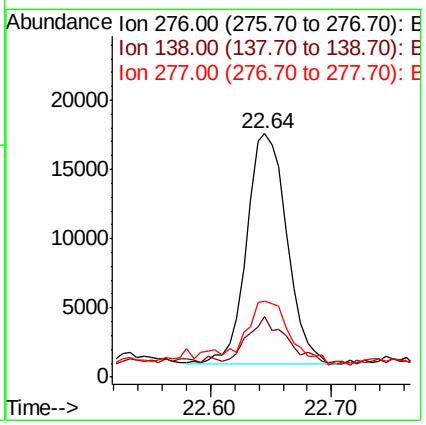


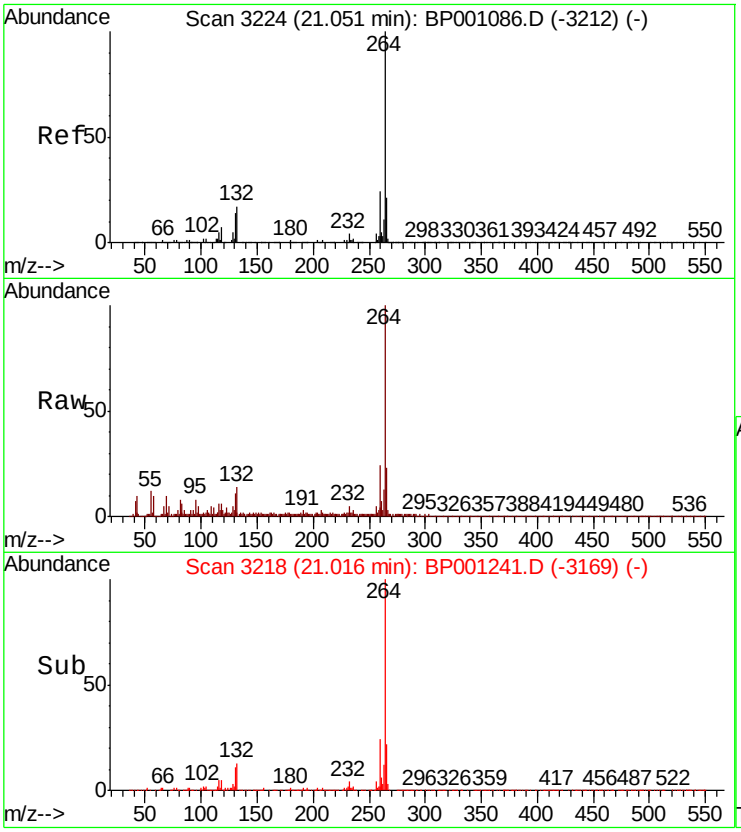


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.297 ng
RT: 22.64 min Scan# 3495
Delta R.T. -0.03 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:276 Resp: 38617

Ion	Ratio	Lower	Upper
276	100		
138	19.2	17.9	26.9
277	28.8	20.1	30.1



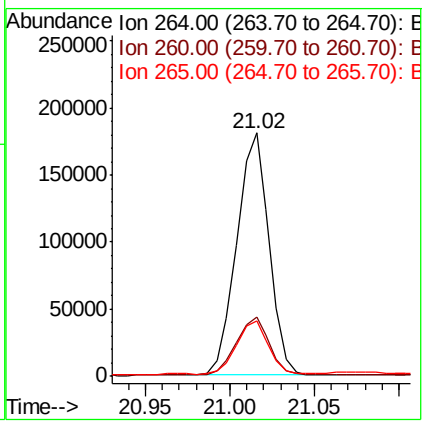


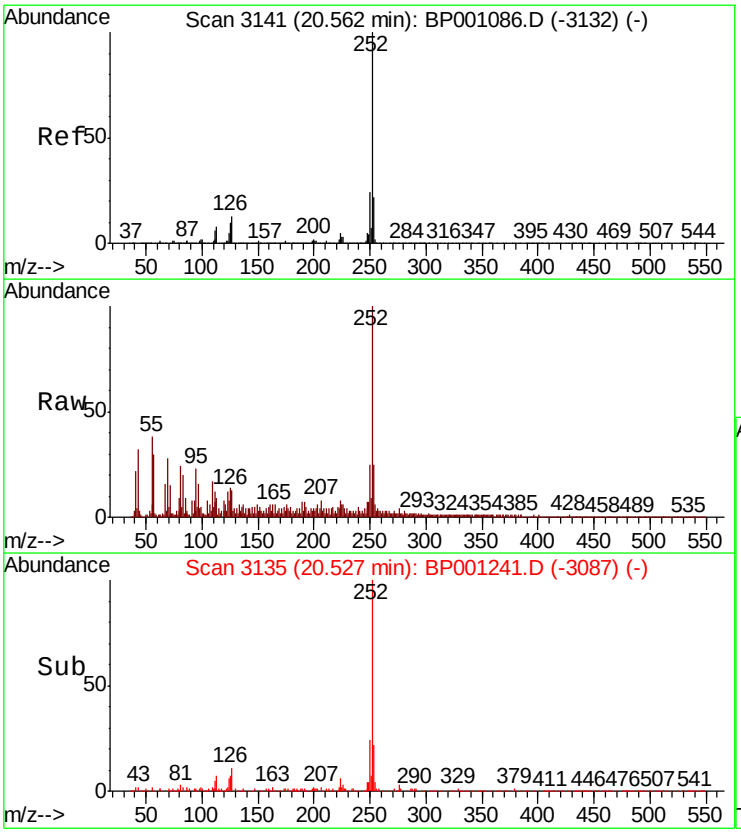
#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 240208

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	22.9	17.1	25.7

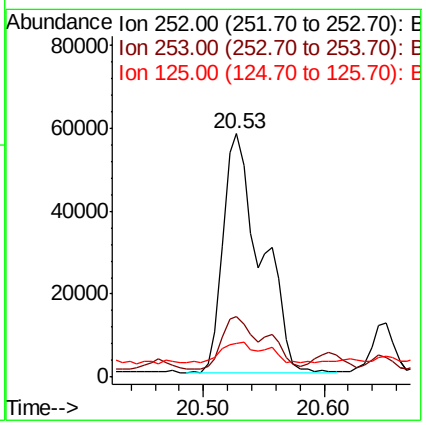


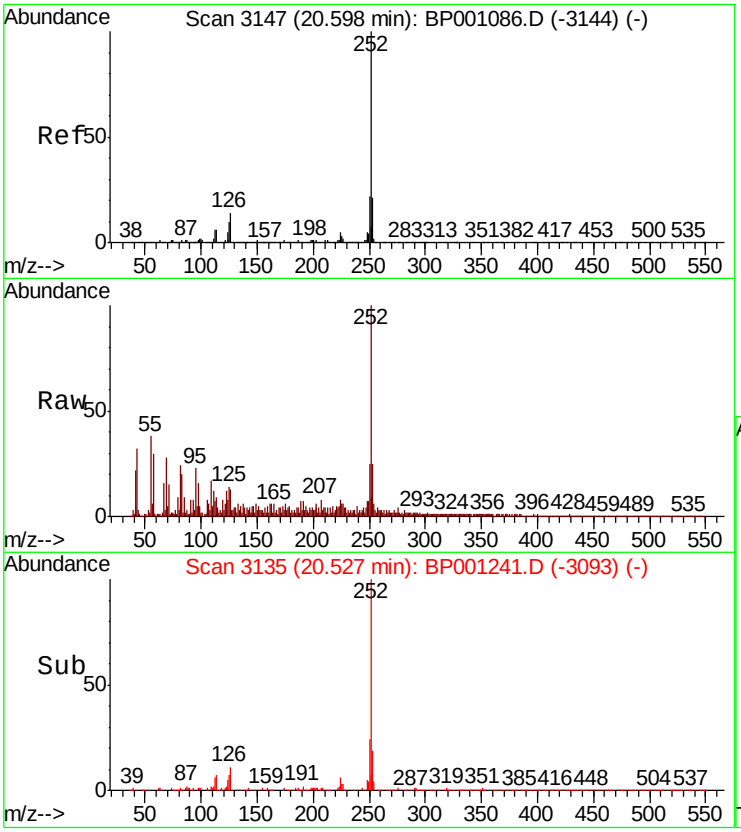


#88
Benzo(b)fluoranthene
Concen: 8.601 ng
RT: 20.53 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:252 Resp: 126194

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	14.0	6.6	9.8#



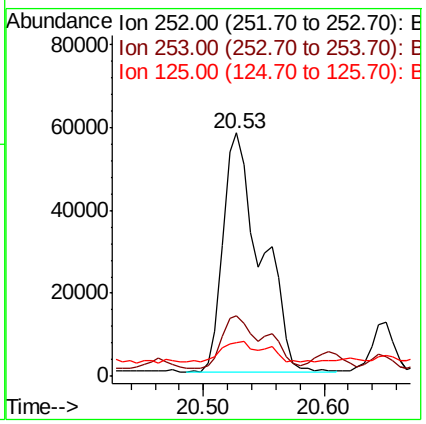


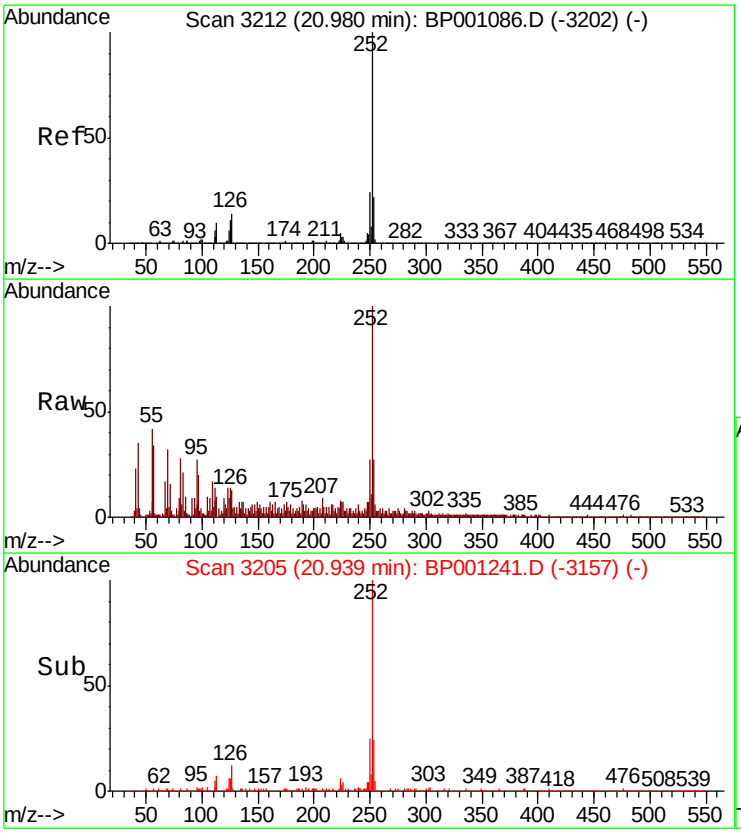
#89
Benzo(k)fluoranthene
Concen: 8.930 ng
RT: 20.53 min Scan# 3135
Delta R.T. -0.05 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 126194

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	14.0	6.2	9.4#

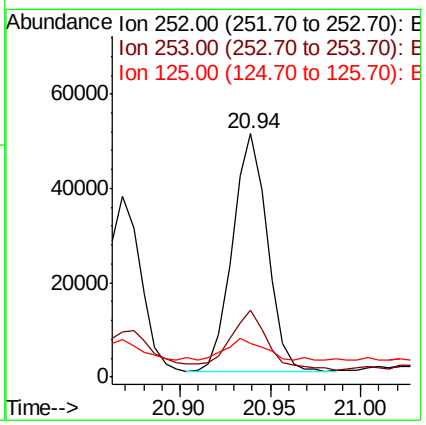


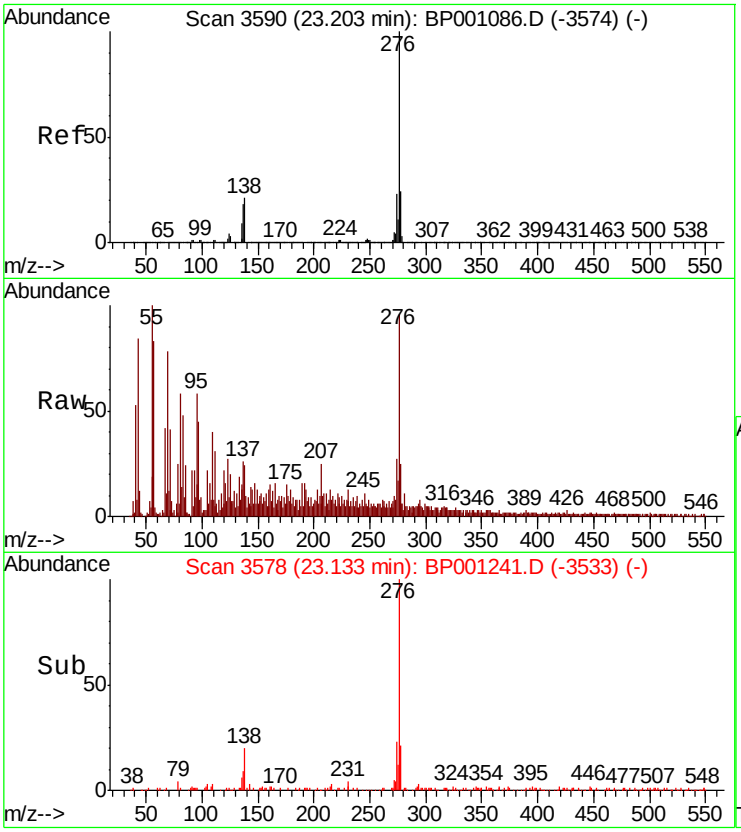


#90
Benzo(a)pyrene
Concen: 4.978 ng
RT: 20.94 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Tgt Ion:252 Resp: 67275

Ion	Ratio	Lower	Upper
252	100		
253	27.3	16.8	25.2#
125	13.8	7.8	11.6#





#92
Benzo(g,h,i)perylene
Concen: 3.047 ng
RT: 23.13 min Scan# 3578
Delta R.T. -0.04 min
Lab File: BP001241.D
Acq: 06 Dec 2019 20:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 39793

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	25.3	15.6	23.4#