Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001026.D
Acq On : 11 Nov 2019 20:11
Operator : JU
Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Nov 12 04:16:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	244489	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	898847	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	518876	20.00	ng		-0.01
64) Phenanthrene-d10	15.66	188	1000511	20.00	ng		0.00
76) Chrysene-d12	19.29	240	802059	20.00	ng		0.00
87) Perylene-d12	21.07	264	890441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	1257489	93.62	ng		0.00
7) Phenol-d6	7.82	99	1640522	96.58	ng		0.00
23) Nitrobenzene-d5	9.25	82	1006010	61.91	ng		-0.01
42) 2,4,6-Tribromophenol	14.55	330	630821	101.84	ng		0.00
45) 2-Fluorobiphenyl	12.17	172	1987621	57.69	ng		-0.01
79) Terphenyl-d14	17.93	244	2243875	55.65	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.83	94	106187	5.716	ng		99
19) n-Nitroso-di-n-propylamine	9.25	70	136969	13.429	ng	#	79
32) Benzoic acid	9.99	122	78	7.677	ng	#	1
49) Acenaphthylene	13.02	152	106621	2.246	ng		99
50) Dimethylphthalate	12.84	163	162936	4.247	ng		99
54) 2,4-Dinitrophenol	13.37	184	110	8.348	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.26	198	648	10.045	ng	#	27
70) Pentachlorophenol	15.36	266	35901	5.909	ng		98
71) Phenanthrene	15.69	178	410561	8.018	ng		99
72) Anthracene	15.76	178	106877	2.140	ng		97
75) Fluoranthene	17.40	202	884235	15.277	ng		97
78) Pyrene	17.70	202	954287	16.836	ng		99
81) Benzo(a)anthracene	19.32	228	430104	7.962	ng		93
83) Chrysene	19.32	228	430104	9.069	ng		97
88) Benzo(b)fluoranthene	20.58	252	643624	12.126	ng		98
89) Benzo(k)fluoranthene	20.58	252	643624	12.882	ng		98
90) Benzo(a)pyrene	21.00	252	355900	7.292	ng		98
92) Benzo(g,h,i)perylene	23.23	276	194703	3.882	ng		97

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

Quantitation Report (Not Reviewed)

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ALS Vial : 9 Sample Multiplier: 1

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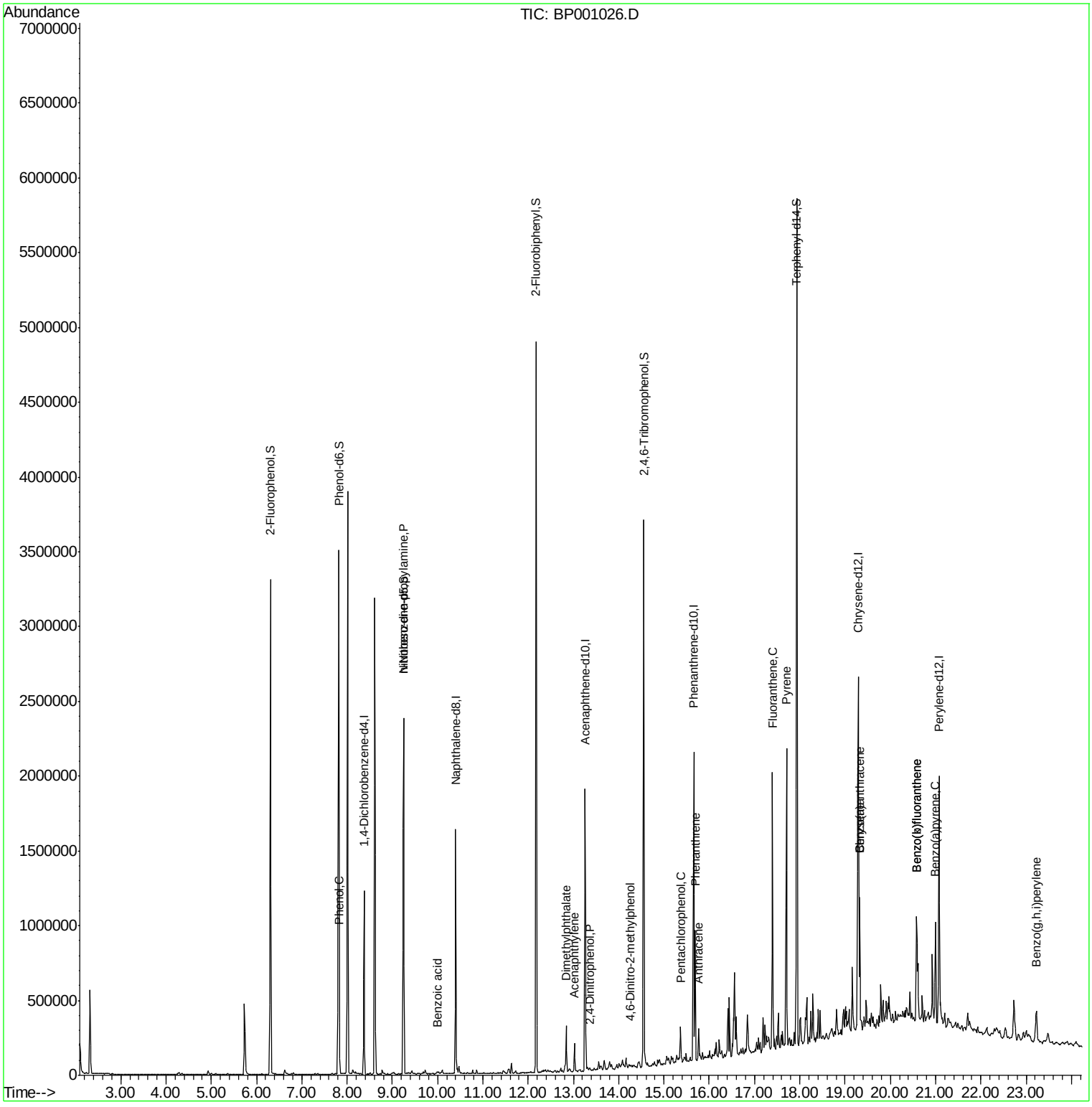
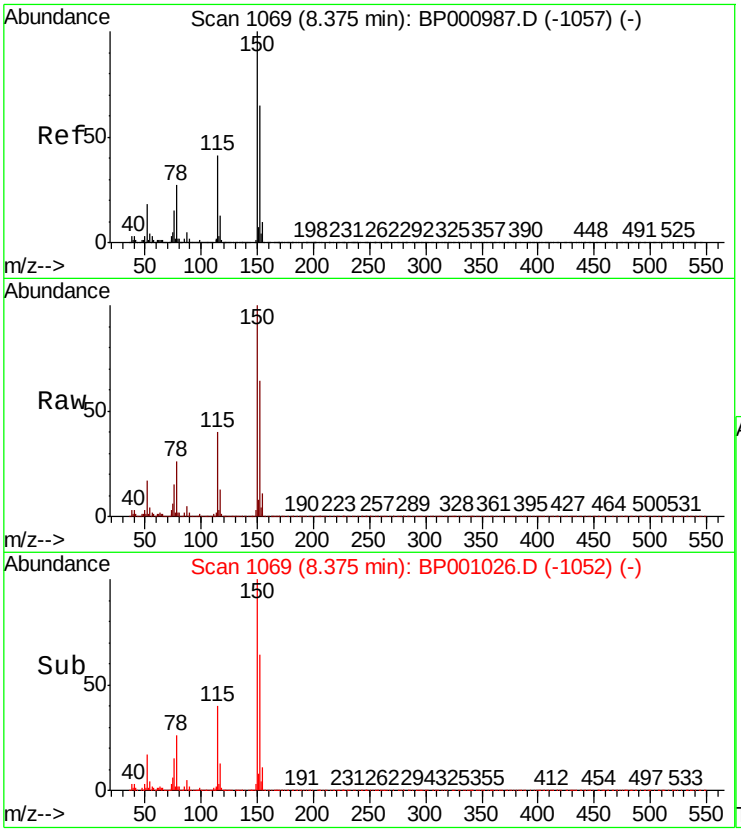
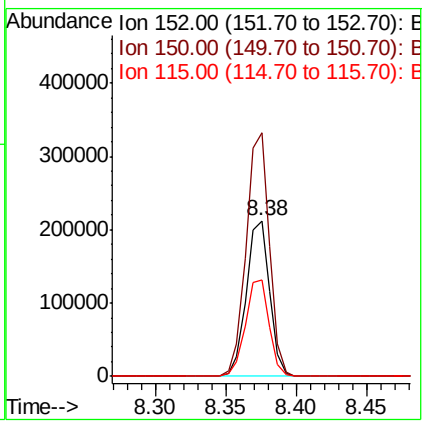




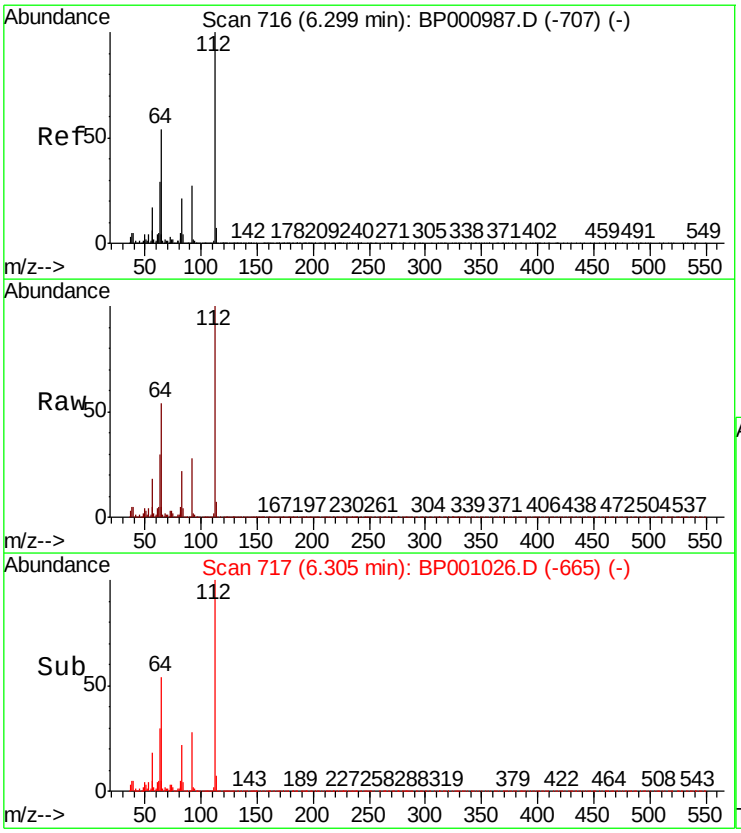
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.38 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:152 Resp: 244489

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.6	185.4
115	62.1	50.1	75.1



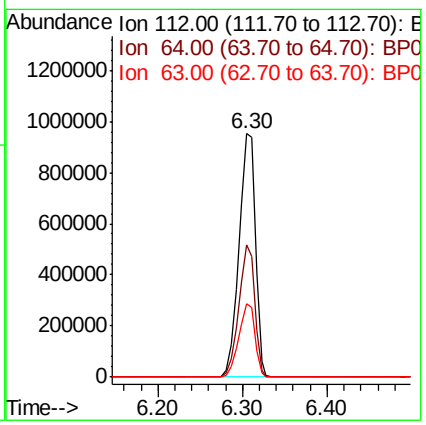
Instrument :
BNA_P
ClientSampleId :

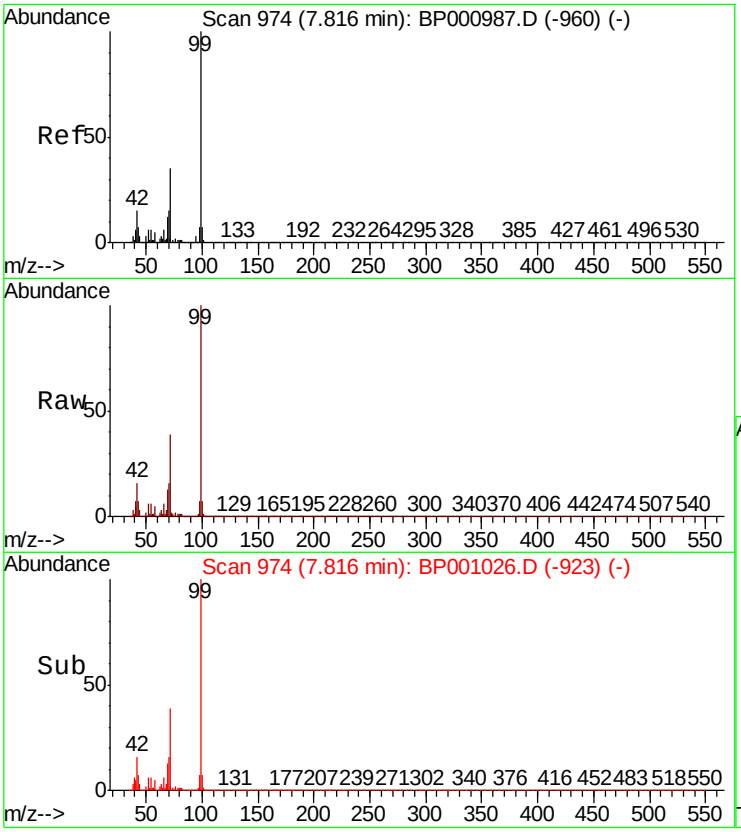


#5
2-Fluorophenol
Concen: 93.618 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:112 Resp: 1257489

Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.4	65.0
63	30.4	23.4	35.0



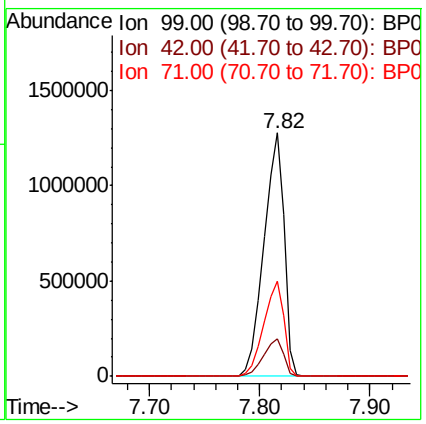


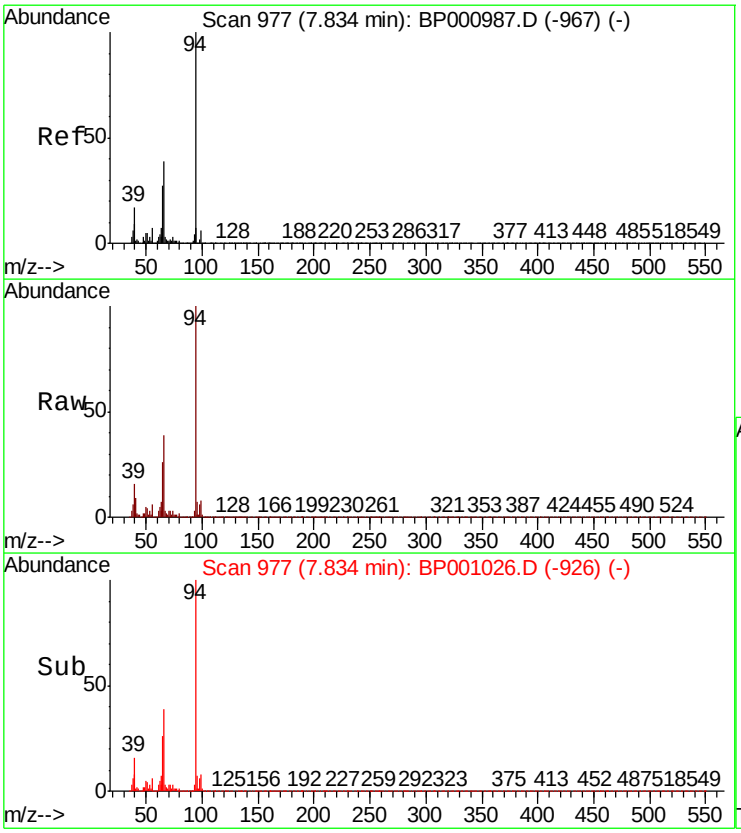
#7
Phenol-d6
Concen: 96.582 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1640522

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.6	17.4
71	39.1	28.0	42.0

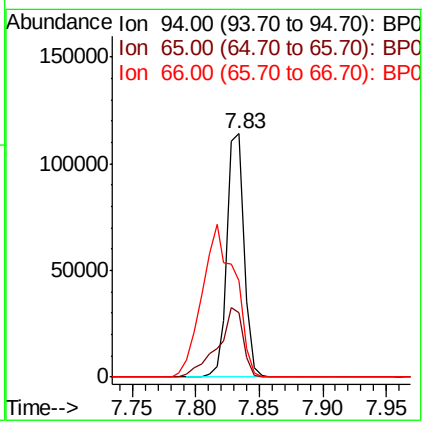


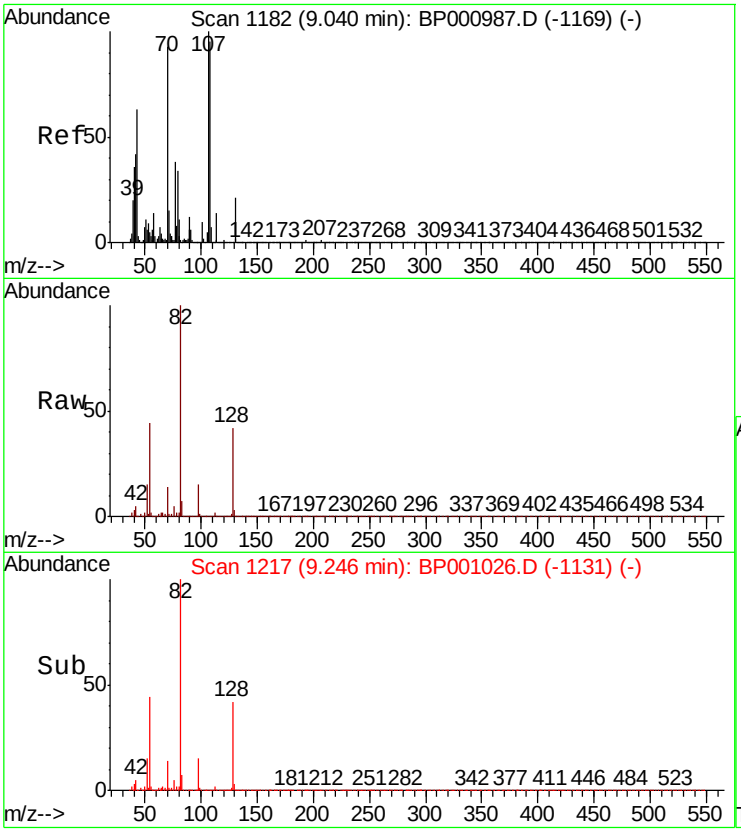


#10
Phenol
Concen: 5.716 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion: 94 Resp: 106187

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.7	46.7
66	39.4	18.6	58.6



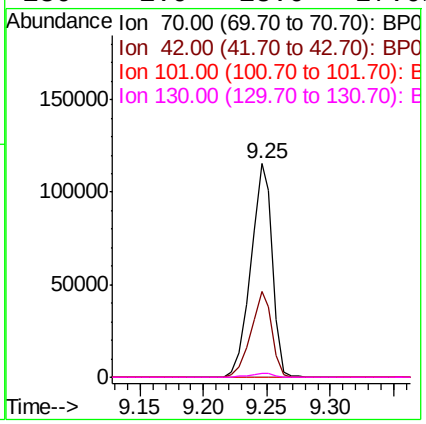


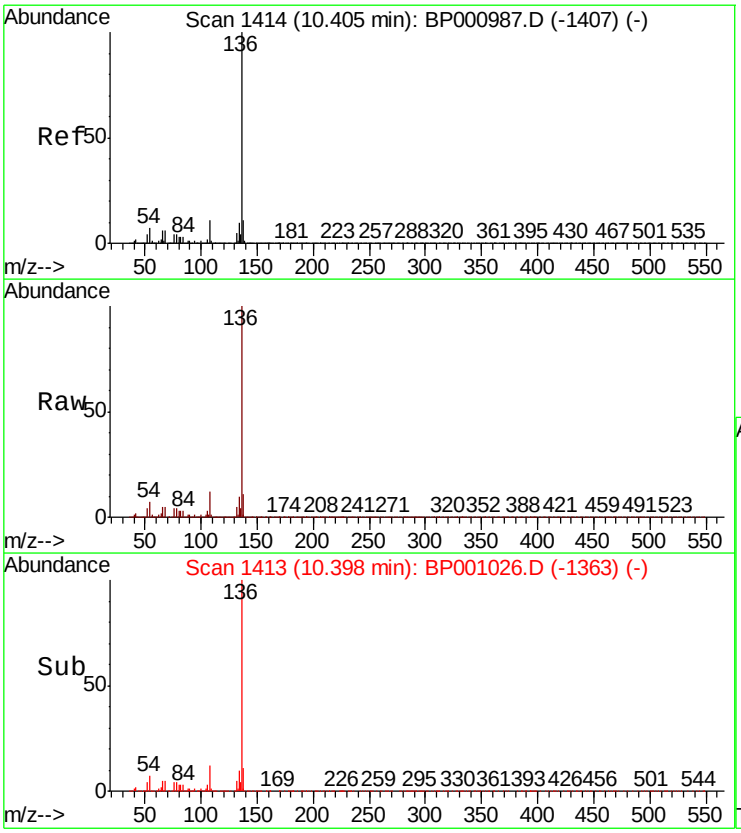
#19
n-Nitroso-di-n-propylamine
Concen: 13.429 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 136969

Ion	Ratio	Lower	Upper
70	100		
42	40.0	36.3	54.5
101	0.0	8.7	13.1#
130	1.9	18.0	27.0#

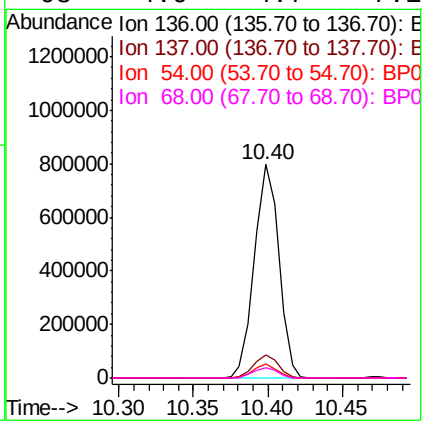


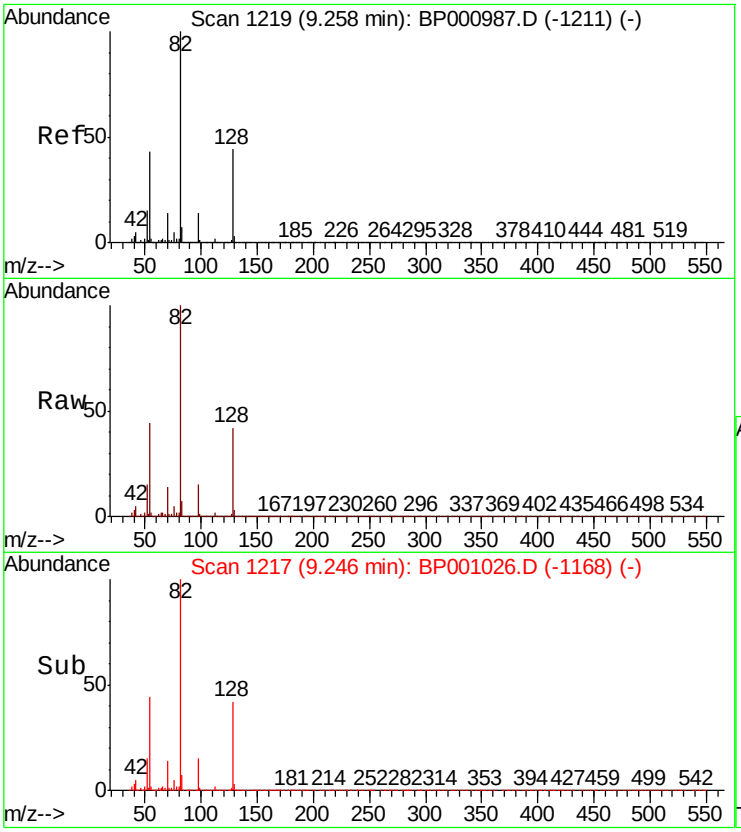


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:136 Resp: 898847

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.7	5.4	8.2
68	4.9	4.7	7.1



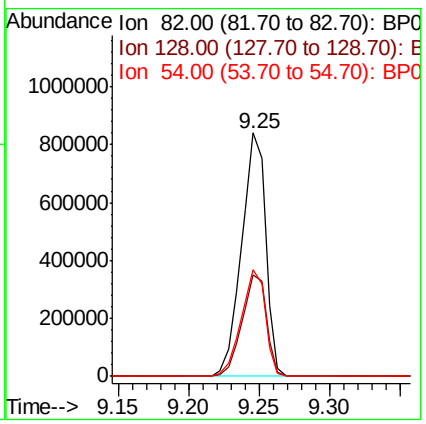


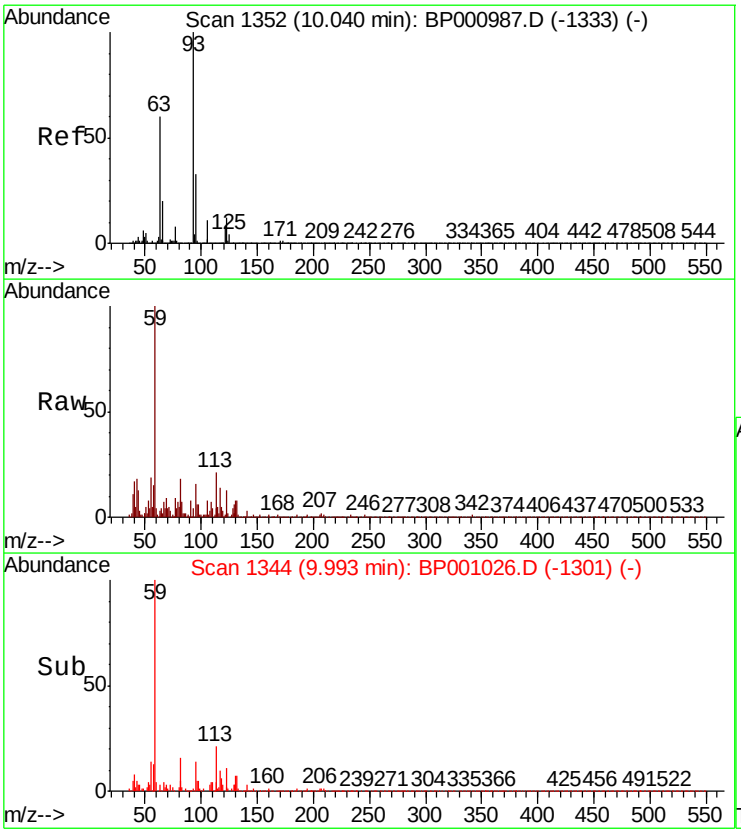
#23
Nitrobenzene-d5
Concen: 61.912 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1006010

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.3	52.9
54	43.6	34.3	51.5

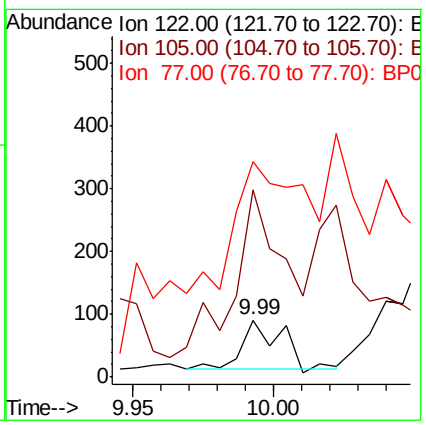


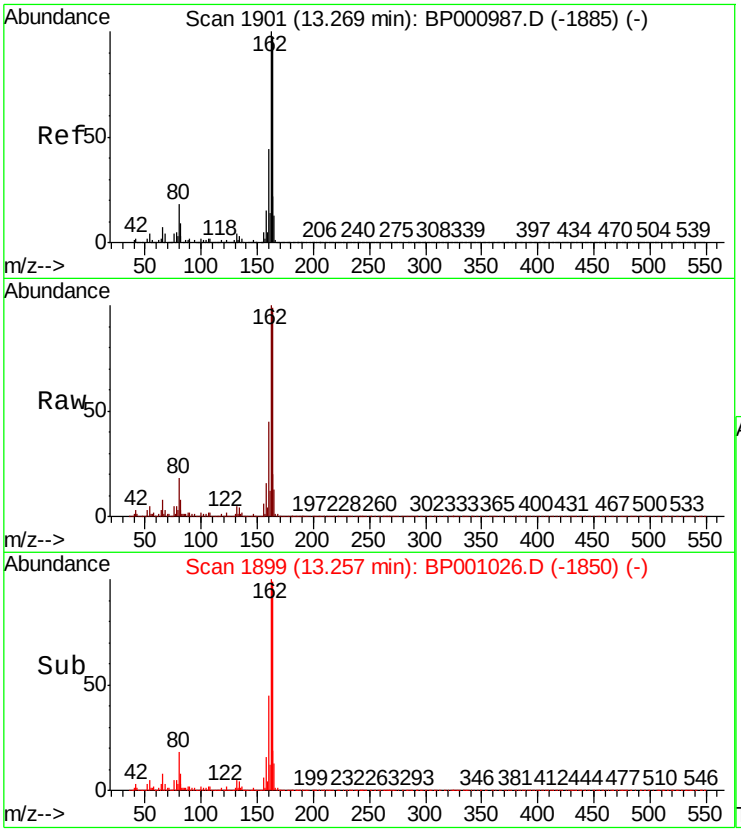


#32
Benzoic acid
Concen: 7.677 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.05 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:122 Resp: 78

Ion	Ratio	Lower	Upper
122	100		
105	328.6	110.5	150.5#
77	376.9	77.9	117.9#



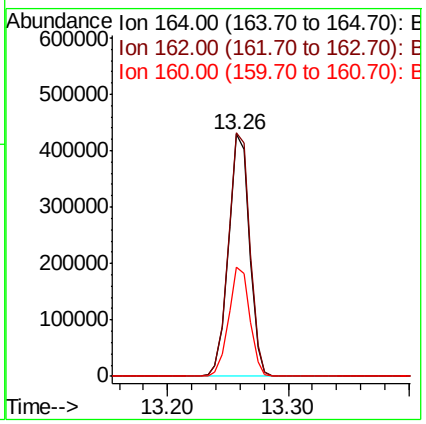


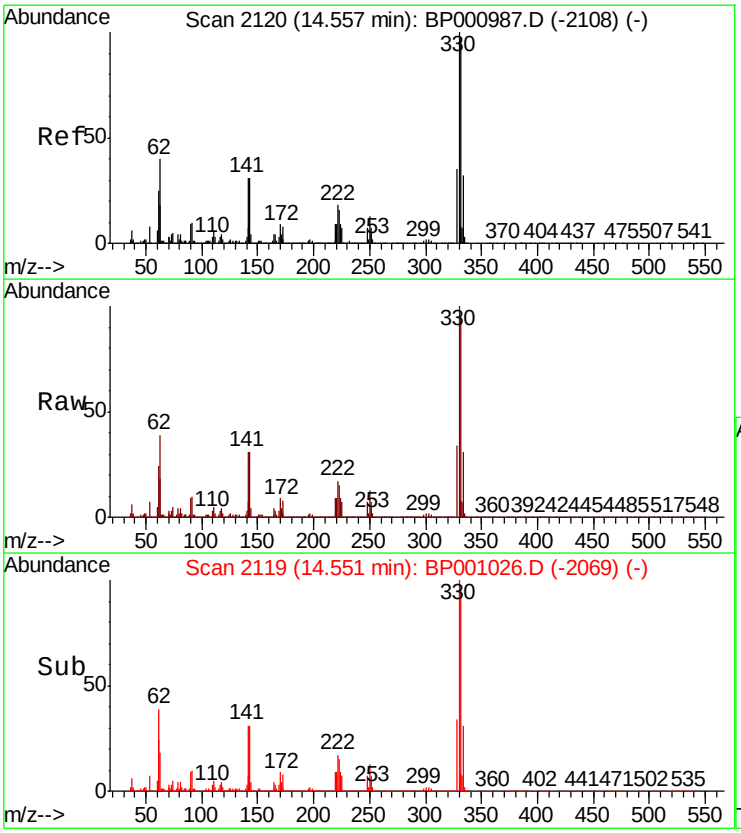
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 518876

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	45.2	36.5	54.7

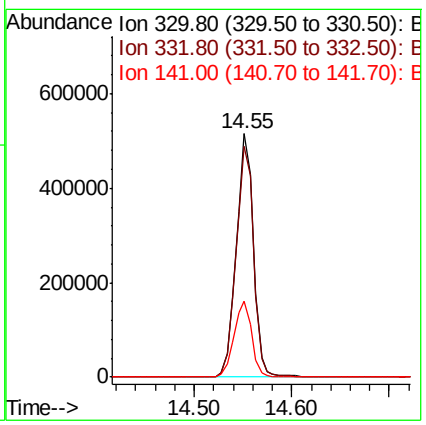


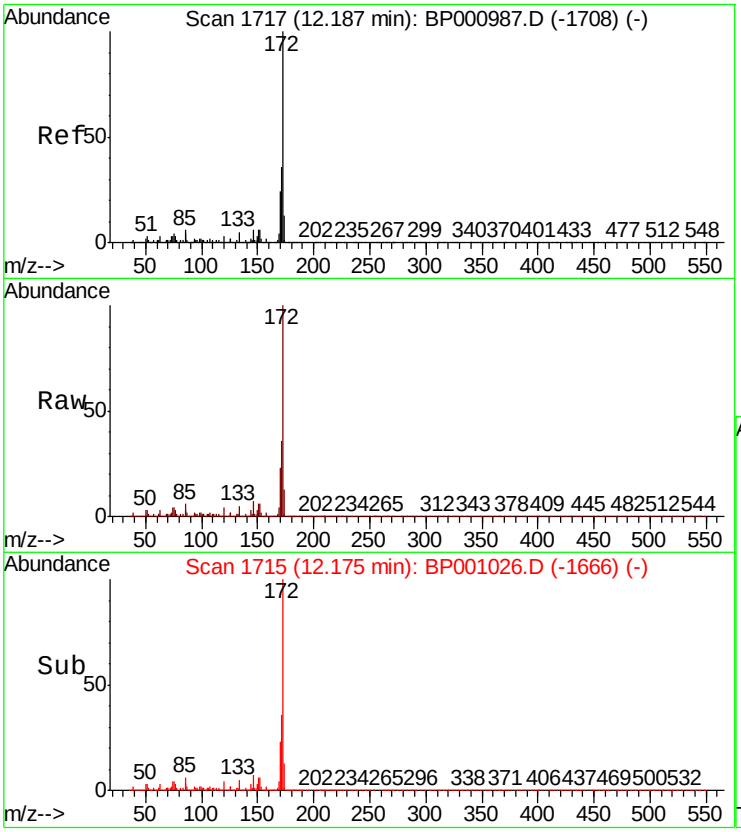


#42
2,4,6-Tribromophenol
Concen: 101.841 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:330 Resp: 630821

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.3	117.5
141	31.9	25.0	37.4



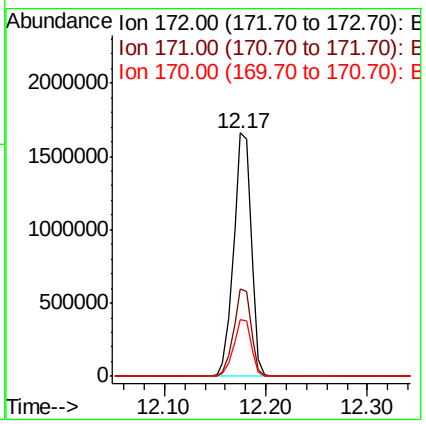


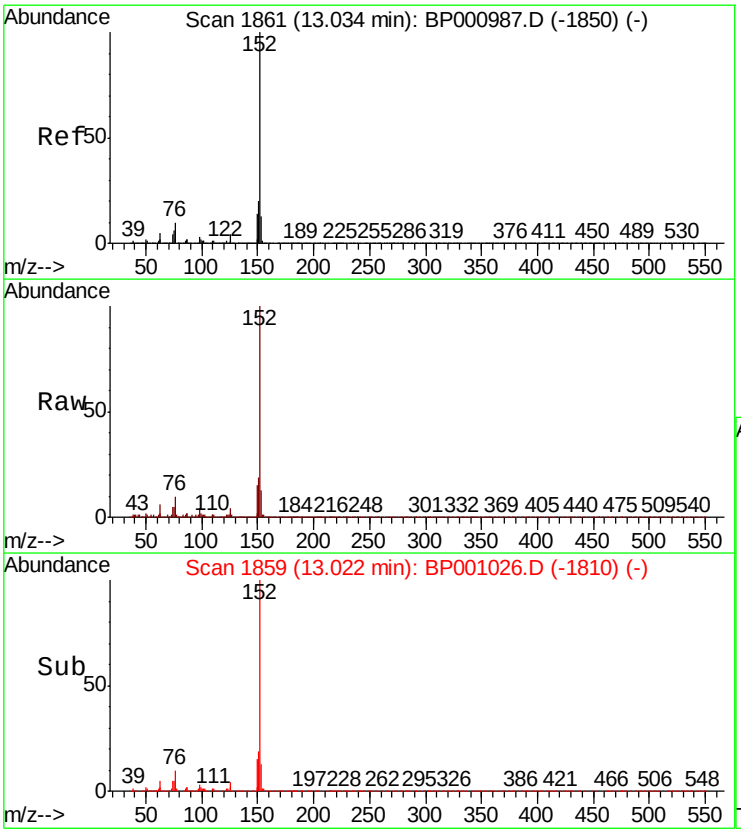
#45
2-Fluorobiphenyl
Concen: 57.693 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1987621

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.5	18.9	28.3

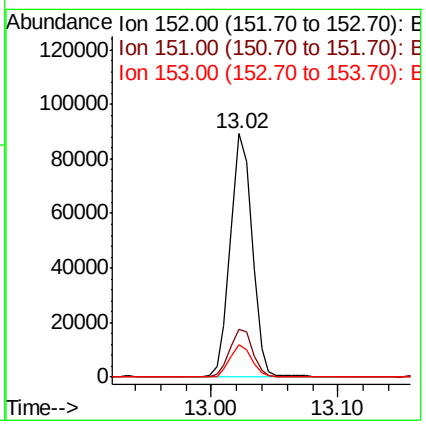


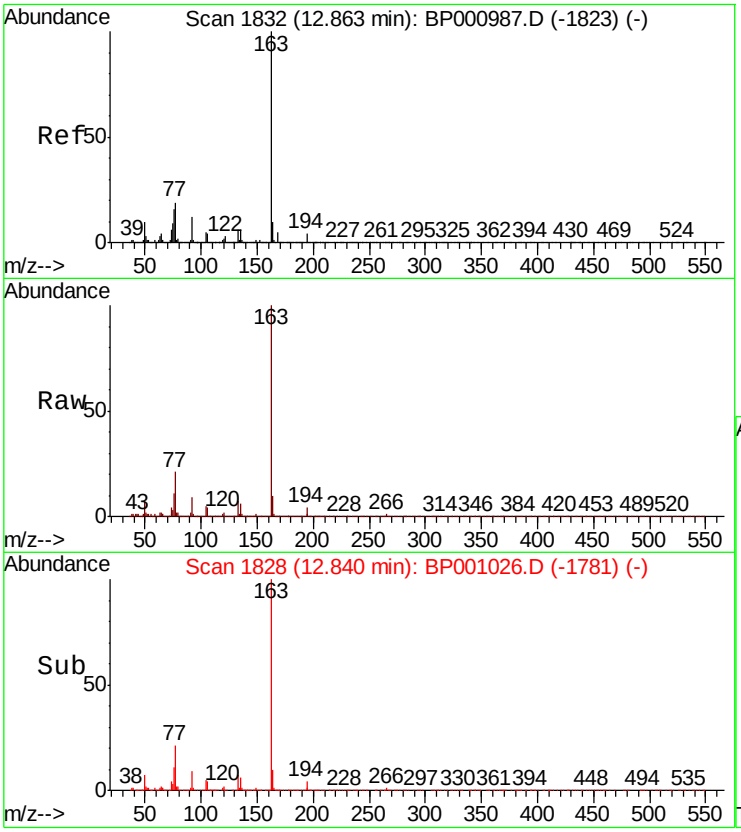


#49
Acenaphthylene
Concen: 2.246 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:152 Resp: 106621

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	13.1	10.6	16.0



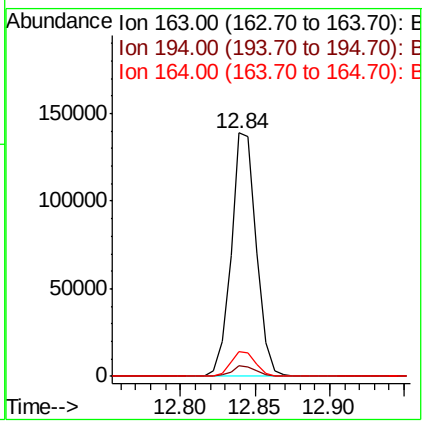


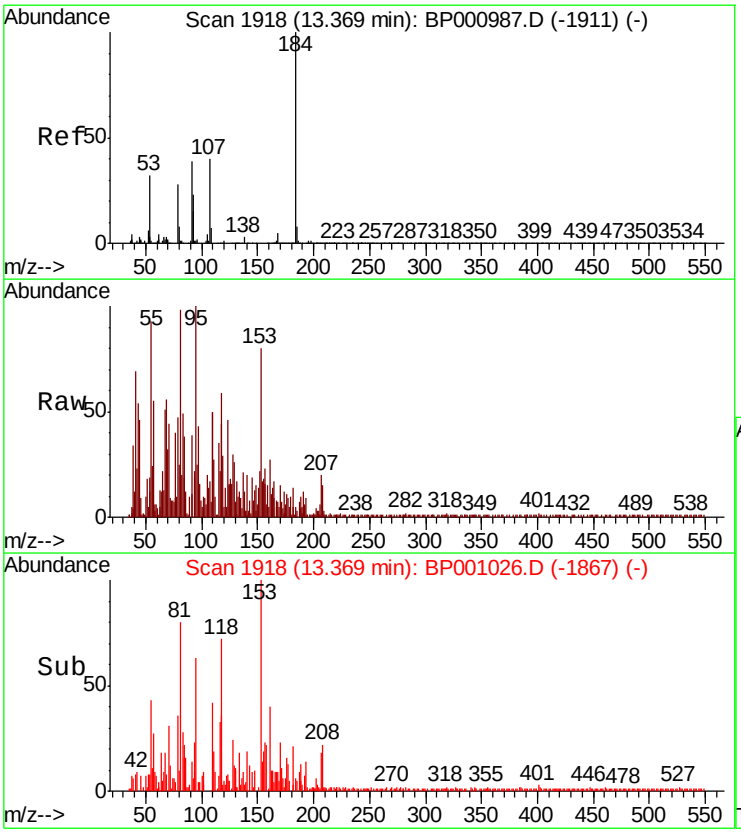
#50
Dimethylphthalate
Concen: 4.247 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 162936

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	7.9	11.9

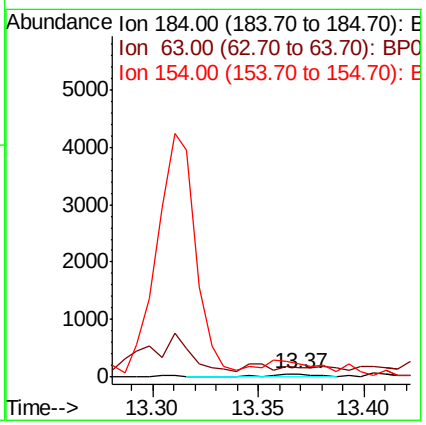


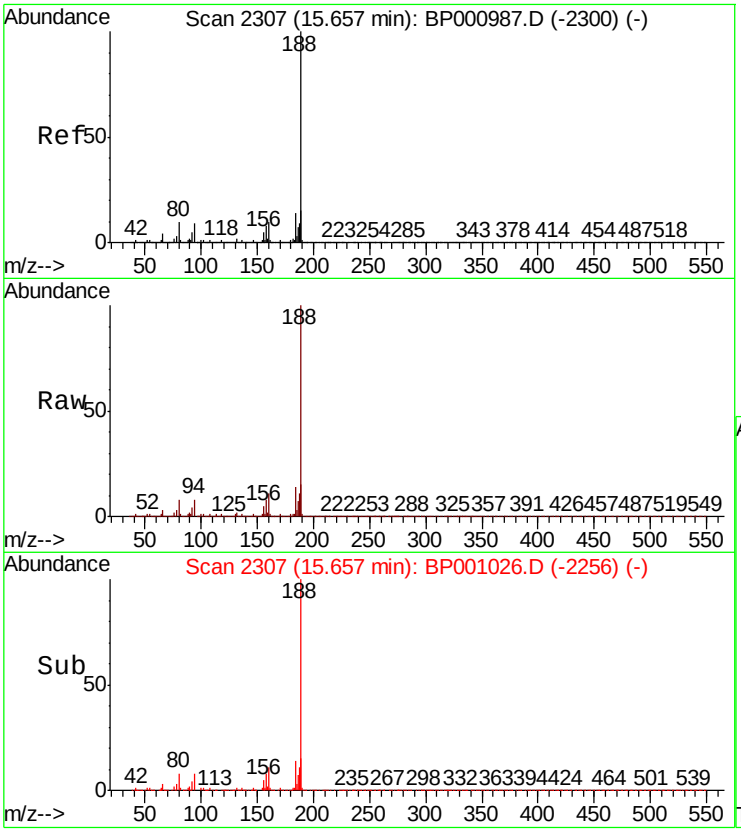


#54
2,4-Dinitrophenol
Concen: 8.348 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:184 Resp: 110

Ion	Ratio	Lower	Upper
184	100		
63	277.4	41.0	61.6#
154	375.8	48.1	72.1#



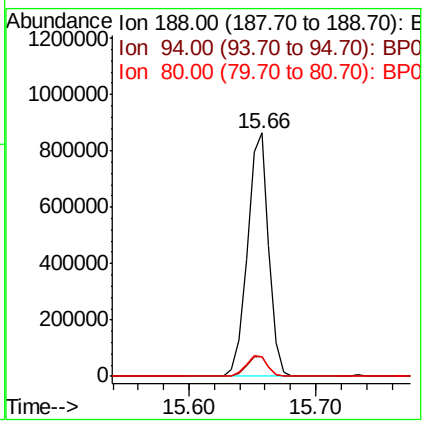


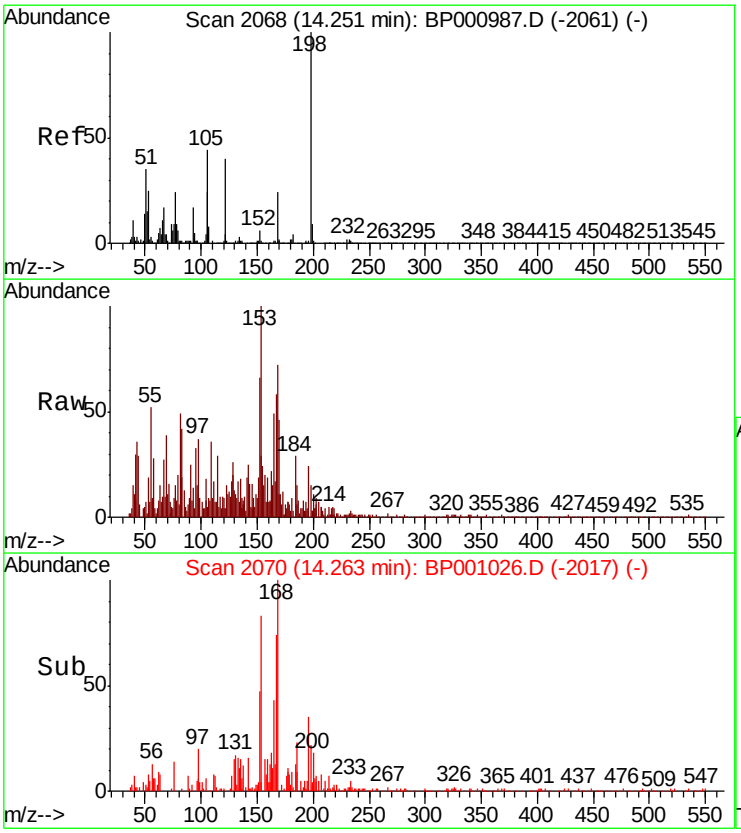
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1000511

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.4	11.2
80	7.9	7.9	11.9#

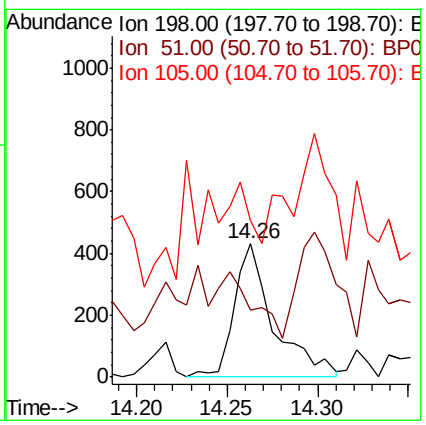


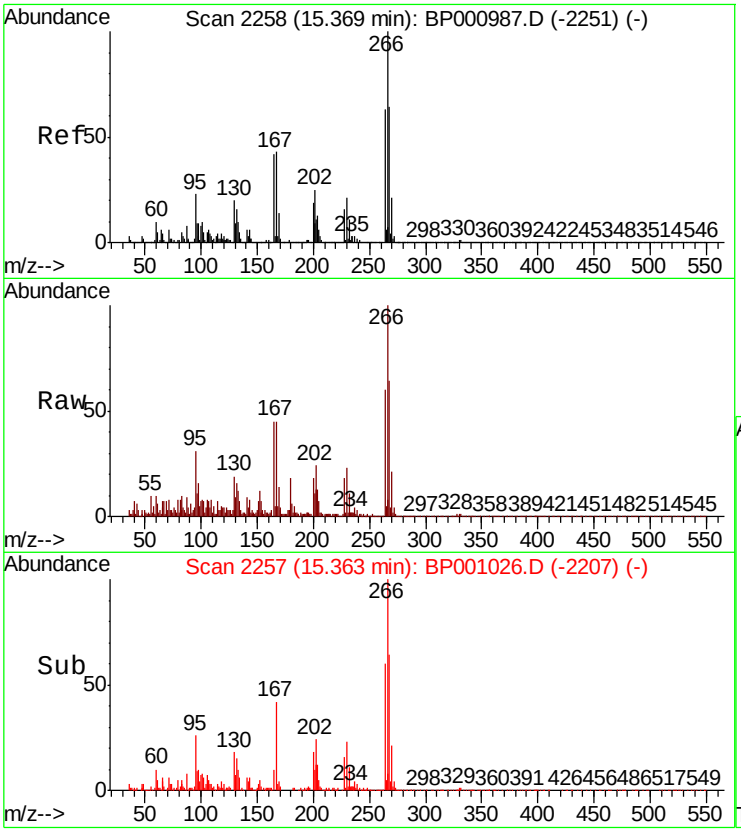


#65
4,6-Dinitro-2-methylphenol
Concen: 10.045 ng
RT: 14.26 min Scan# 2070
Delta R.T. 0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:198 Resp: 648

Ion	Ratio	Lower	Upper
198	100		
51	50.2	16.0	56.0
105	117.7	24.9	64.9#



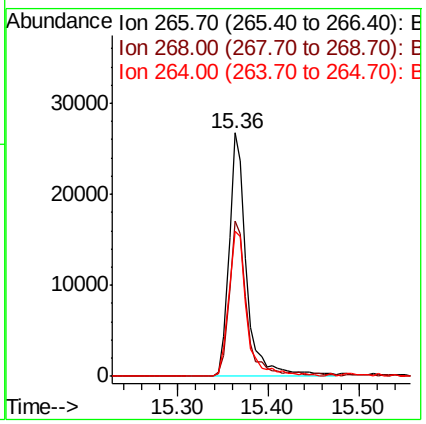


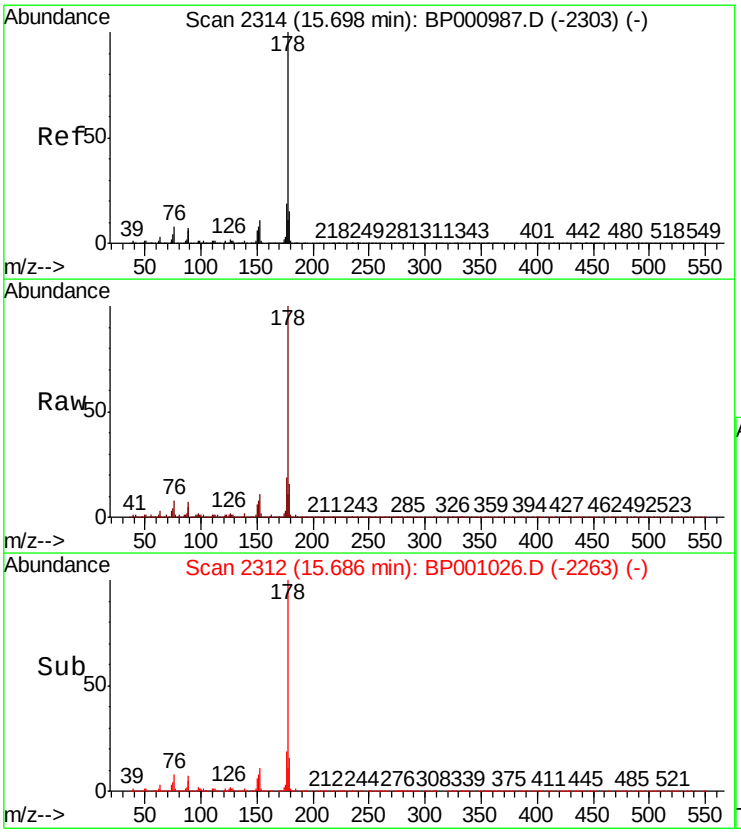
#70
Pentachlorophenol
Concen: 5.909 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:266 Resp: 35901

Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.9	76.3
264	59.6	50.6	76.0

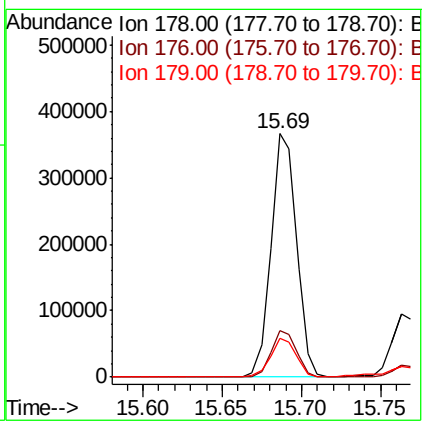


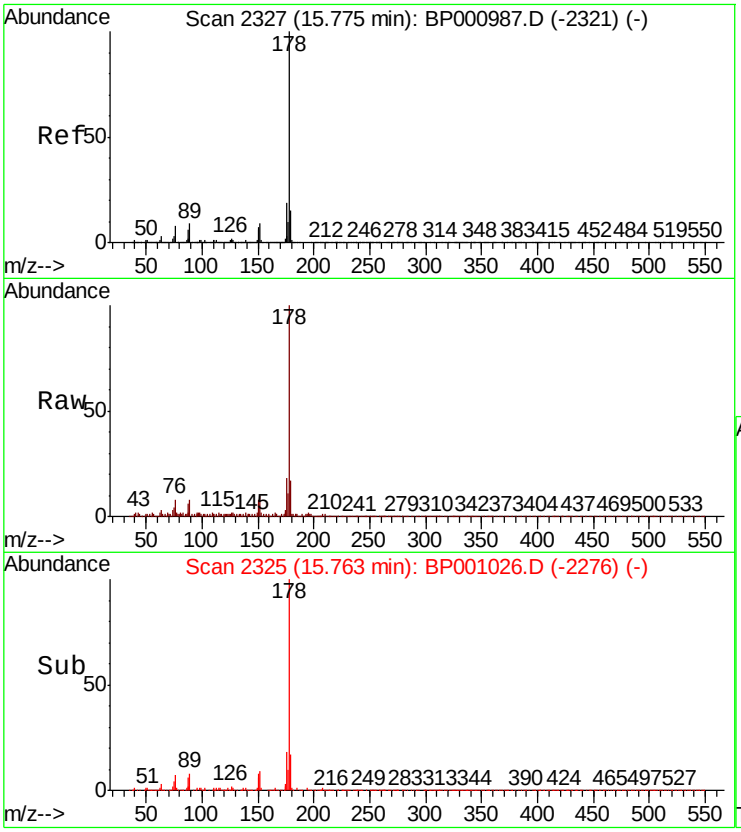


#71
Phenanthrene
Concen: 8.018 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:178 Resp: 410561

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.8	12.3	18.5



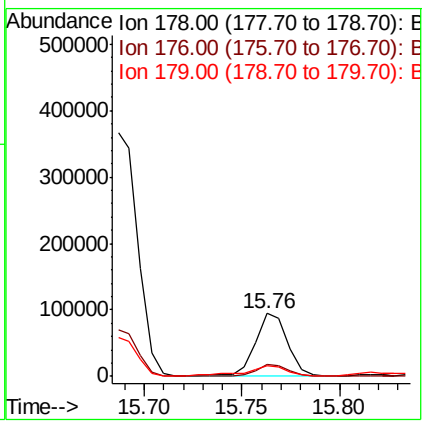


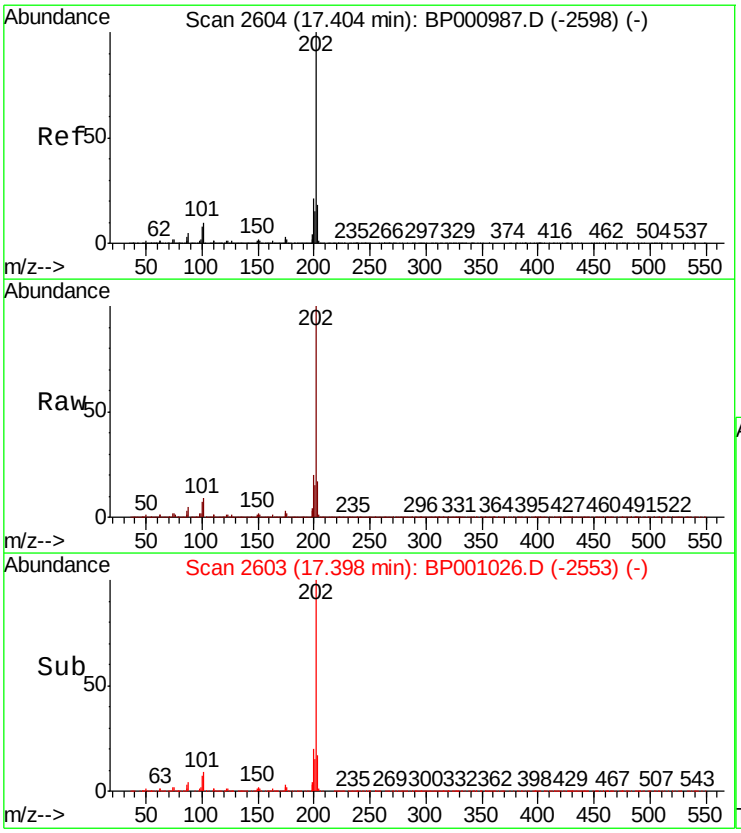
#72
Anthracene
Concen: 2.140 ng
RT: 15.76 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 106877

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	17.2	12.3	18.5

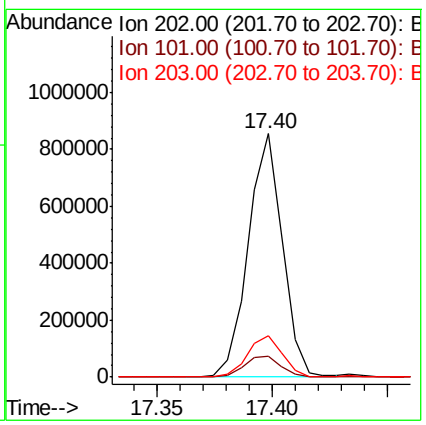


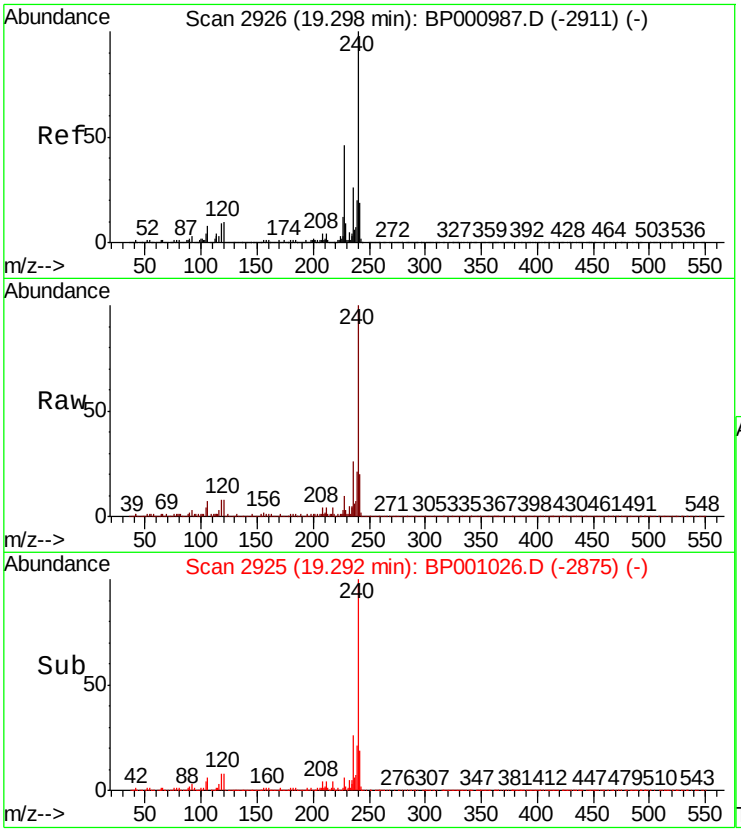


#75
Fluoranthene
Concen: 15.277 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:202 Resp: 884235

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.1
203	16.8	0.0	37.7



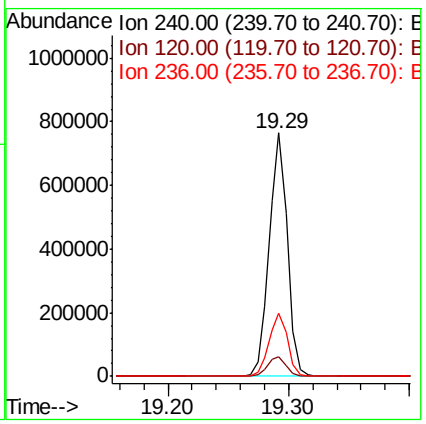


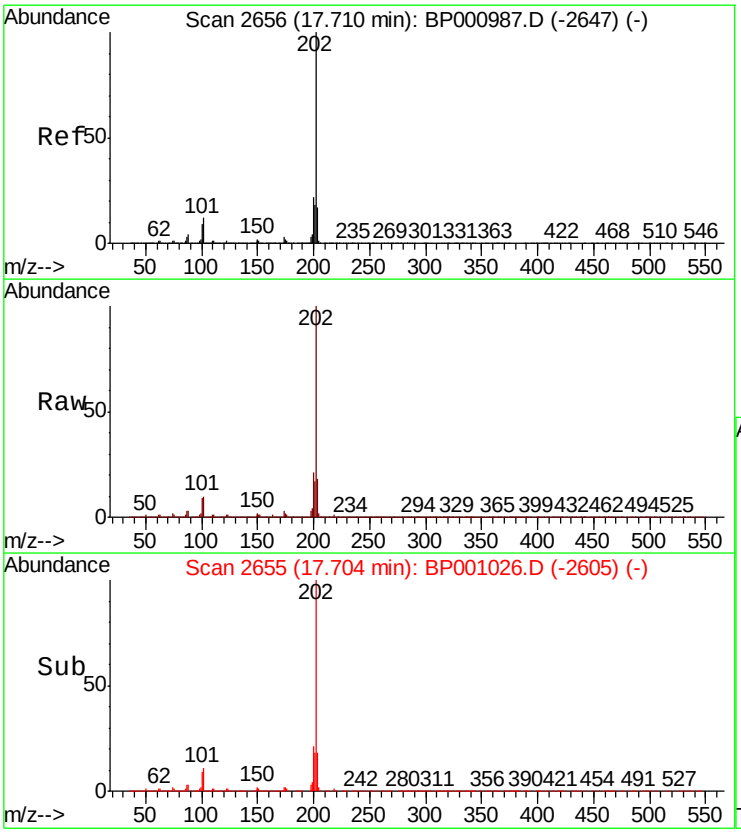
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 802059

Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	26.0	20.5	30.7

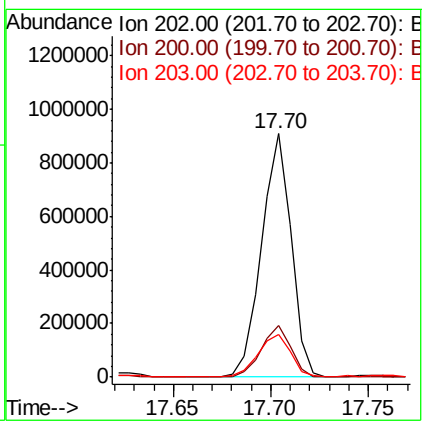


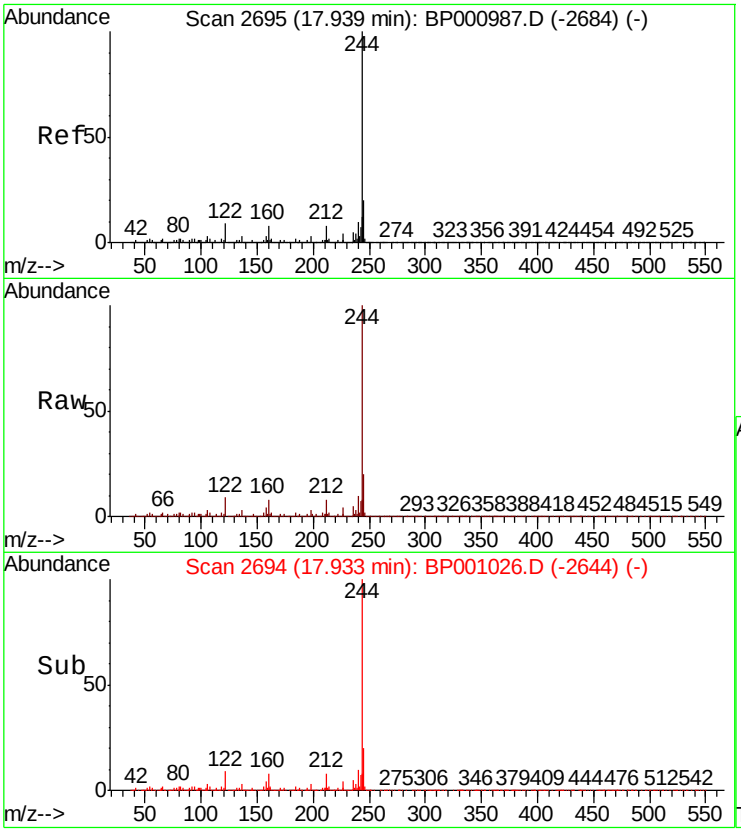


#78
Pyrene
Concen: 16.836 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:202 Resp: 954287

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.7	14.0	21.0



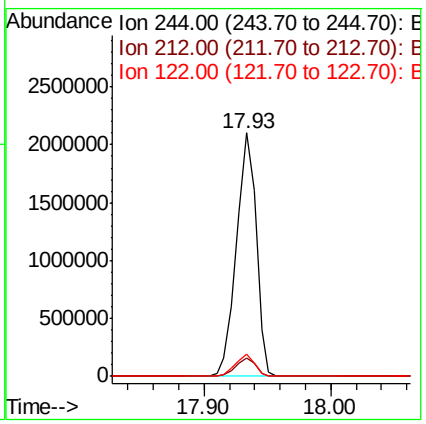


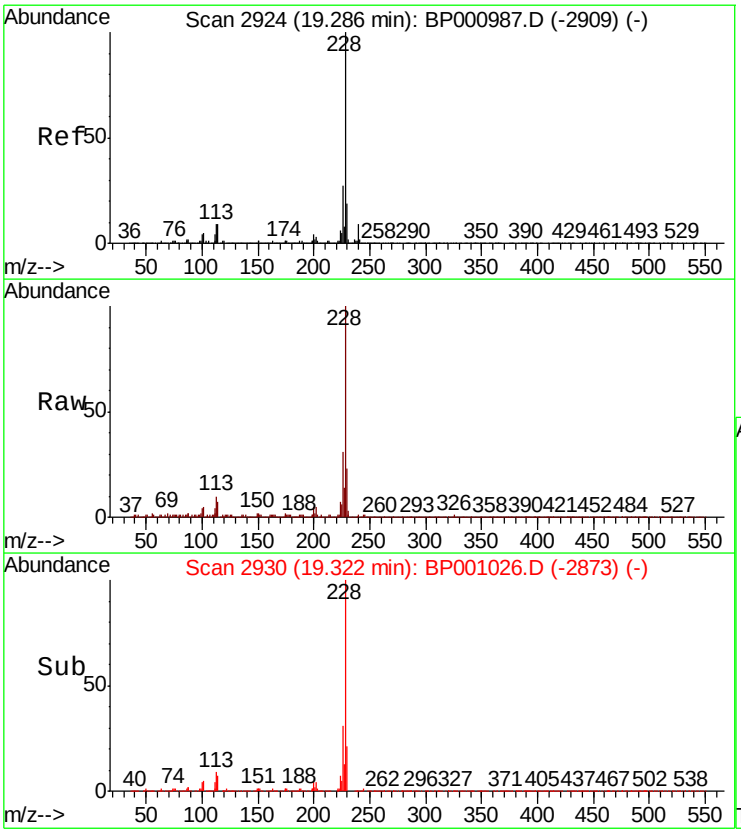
#79
Terphenyl-d14
Concen: 55.649 ng
RT: 17.93 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2243875

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	9.0	7.4	11.2

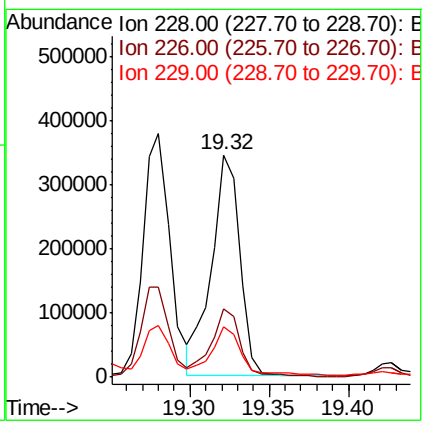


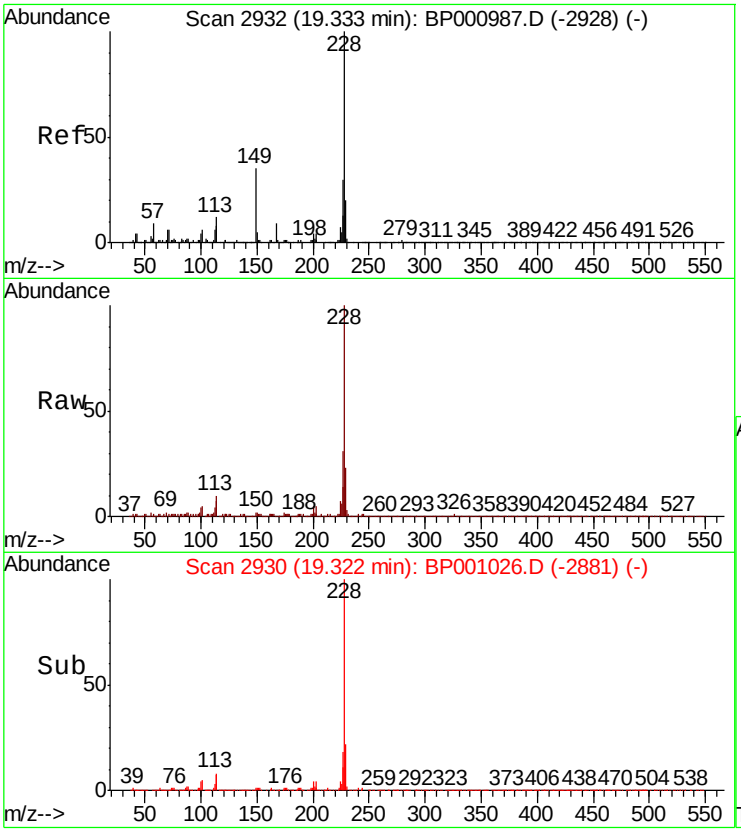


#81
Benzo(a)anthracene
Concen: 7.962 ng
RT: 19.32 min Scan# 2930
Delta R.T. 0.04 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:228 Resp: 430104

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.8	32.8
229	22.6	15.6	23.4



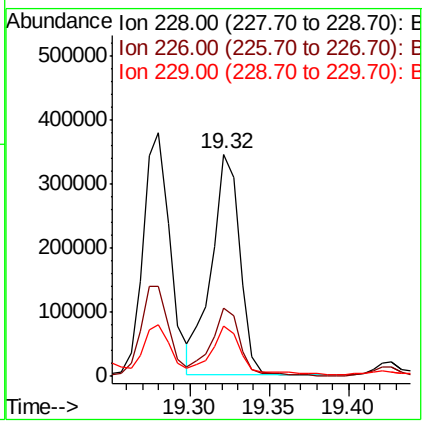


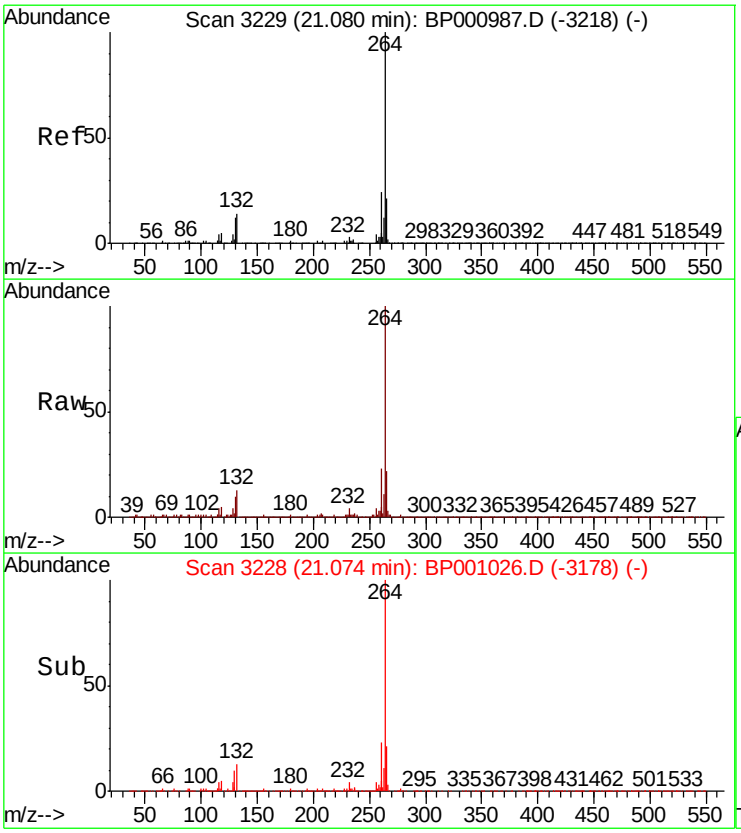
#83
Chrysene
Concen: 9.069 ng
RT: 19.32 min Scan# 2930
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 430104

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	22.6	15.8	23.6

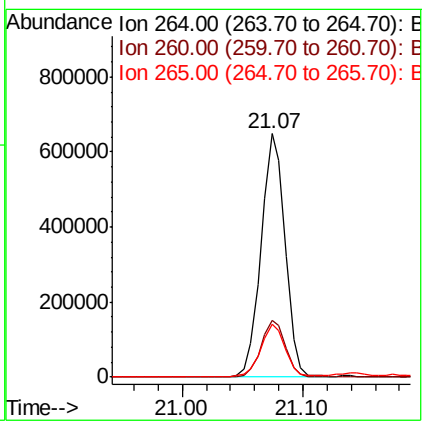


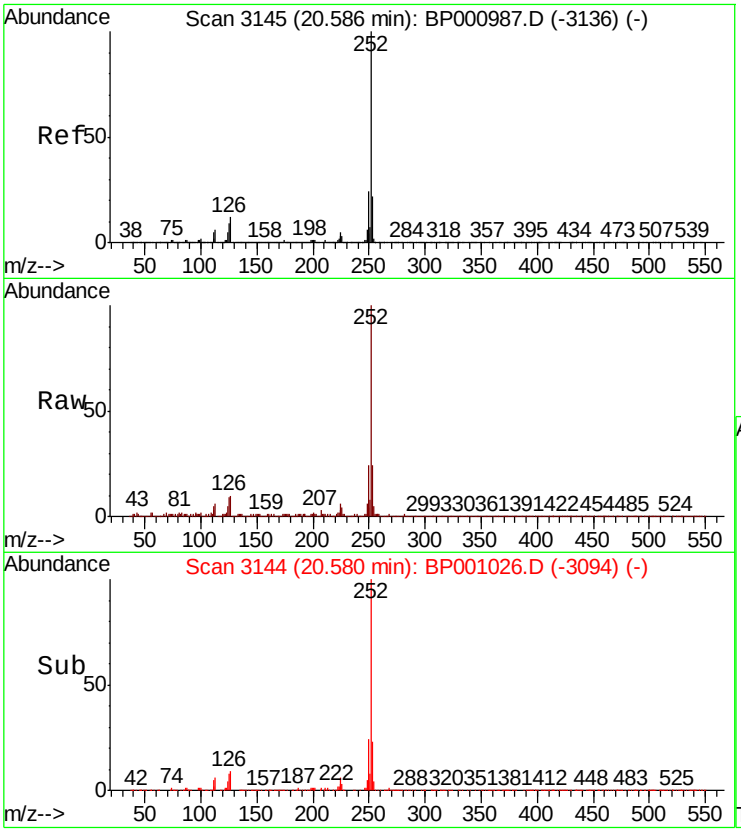


#87
Perylene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:264 Resp: 890441

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.6	17.1	25.7



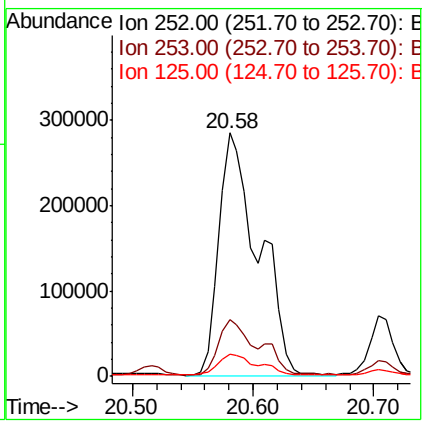


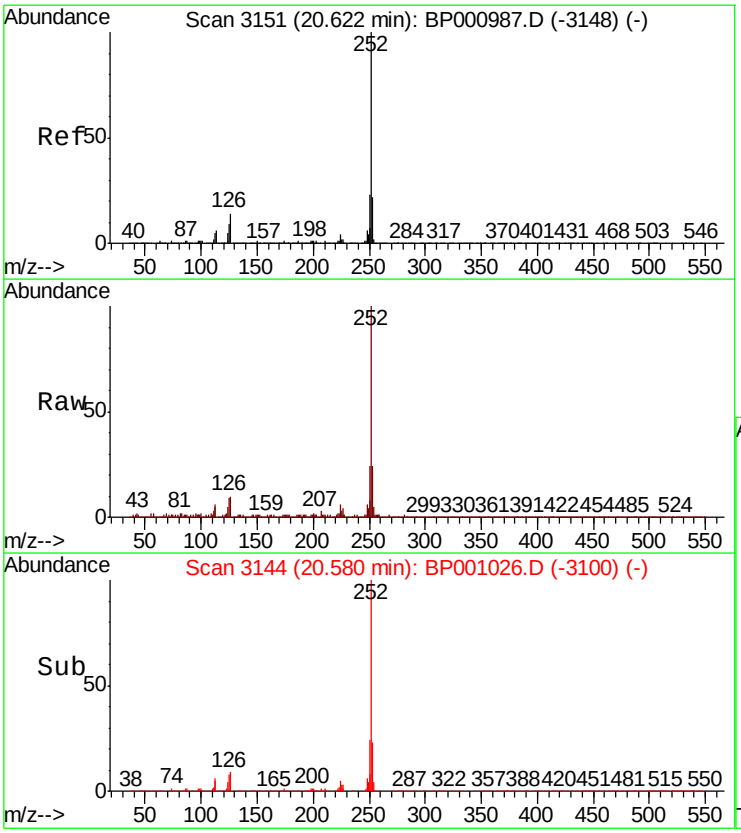
#88
Benzo(b)fluoranthene
Concen: 12.126 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 643624

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	9.1	7.3	10.9

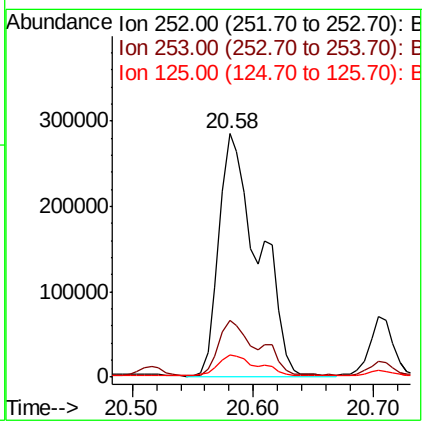


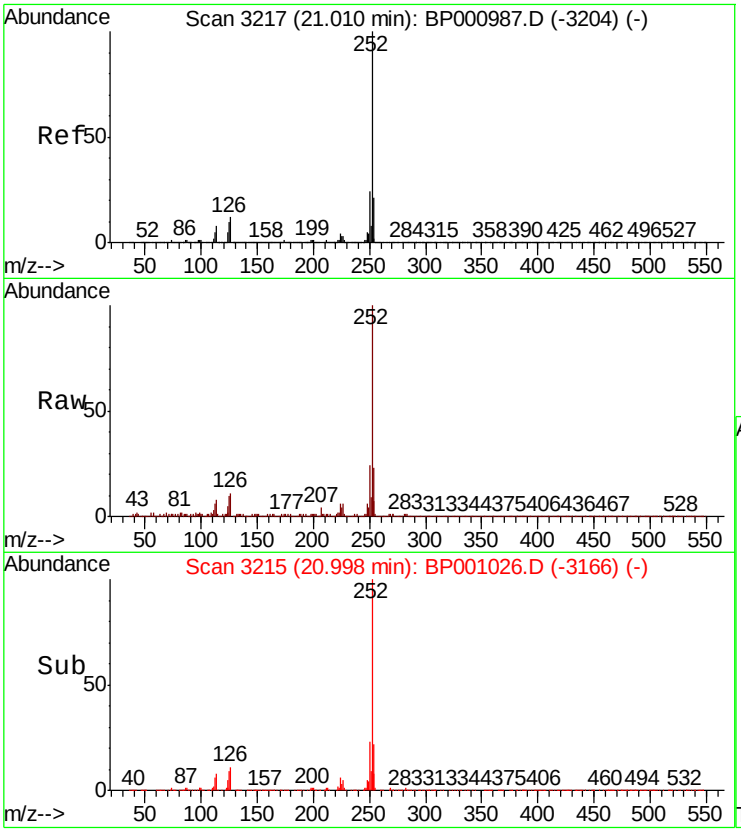


#89
Benzo(k)fluoranthene
Concen: 12.882 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.04 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:252 Resp: 643624

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	9.1	7.3	10.9



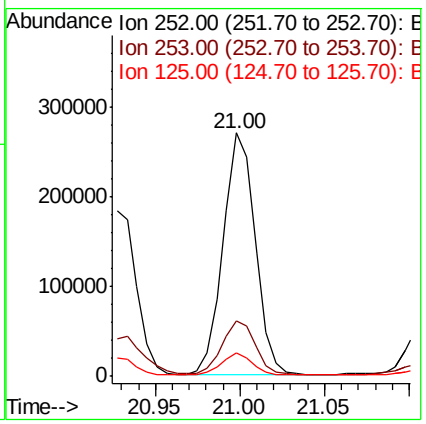


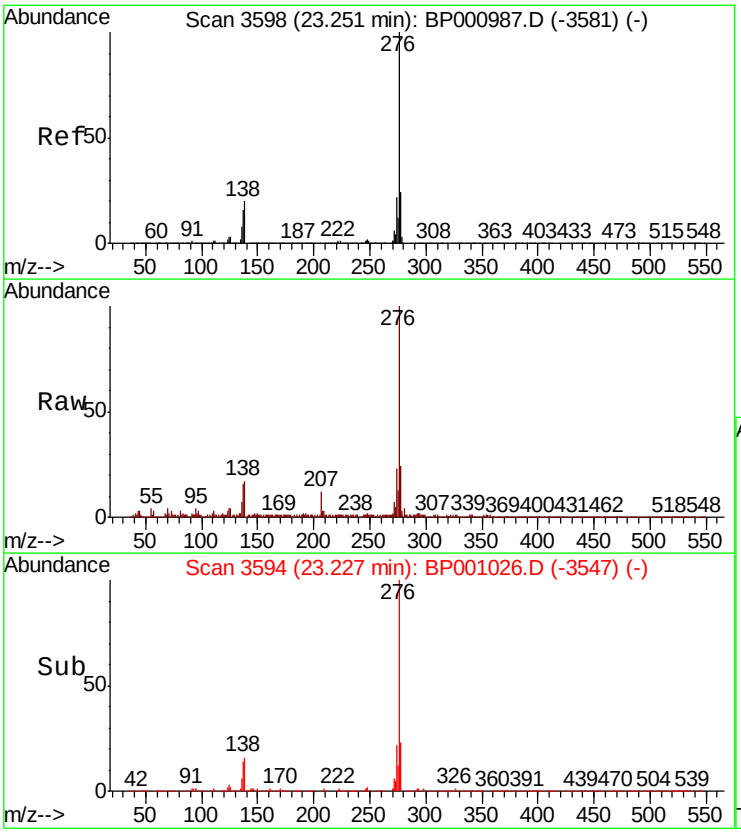
#90
Benzo(a)pyrene
Concen: 7.292 ng
RT: 21.00 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 355900

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	9.7	7.6	11.4





#92
Benzo(g,h,i)perylene
Concen: 3.882 ng
RT: 23.23 min Scan# 3594
Delta R.T. -0.02 min
Lab File: BP001026.D
Acq: 11 Nov 2019 20:11

Tgt Ion:276 Resp: 194703

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	17.0	15.7	23.5