Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001033.D
Acq On : 11 Nov 2019 23:39
Operator : JU
Sample : K5676-11DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Nov 12 04:18:56 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	244296	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	891433	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	502614	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	964883	20.00	ng		0.00
76) Chrysene-d12	19.30	240	731687	20.00	ng		0.00
87) Perylene-d12	21.09	264	681553	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	593845	44.25	ng		0.00
7) Phenol-d6	7.81	99	780382	45.98	ng		0.00
23) Nitrobenzene-d5	9.25	82	462745	28.71	ng		-0.01
42) 2,4,6-Tribromophenol	14.55	330	277505	46.25	ng		0.00
45) 2-Fluorobiphenyl	12.17	172	1039362	31.14	ng		-0.01
79) Terphenyl-d14	17.93	244	1180759	32.10	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.83	94	49701	2.677	ng		91
19) n-Nitroso-di-n-propylamine	9.25	70	62350	6.118	ng	#	80
32) Benzoic acid	10.04	122	133	7.684	ng	#	62
50) Dimethylphthalate	12.85	163	86725	2.333	ng		99
54) 2,4-Dinitrophenol	13.35	184	39	8.323	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.28	198	51	9.895	ng	#	1
71) Phenanthrene	15.69	178	691107	13.995	ng		100
72) Anthracene	15.77	178	195561	4.059	ng		98
75) Fluoranthene	17.40	202	1109598	19.879	ng		98
78) Pyrene	17.71	202	1019090	19.708	ng		99
81) Benzo(a)anthracene	19.29	228	512796	10.406	ng		93
83) Chrysene	19.33	228	487351	11.265	ng		98
88) Benzo(b)fluoranthene	20.59	252	693129	17.061	ng		98
89) Benzo(k)fluoranthene	20.59	252	693129	18.124	ng		97
90) Benzo(a)pyrene	21.01	252	355035	9.504	ng		97
92) Benzo(g,h,i)perylene	23.24	276	168487	4.389	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001033.D
Acq On : 11 Nov 2019 23:39
Operator : JU
Sample : K5676-11DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 12 04:18:56 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
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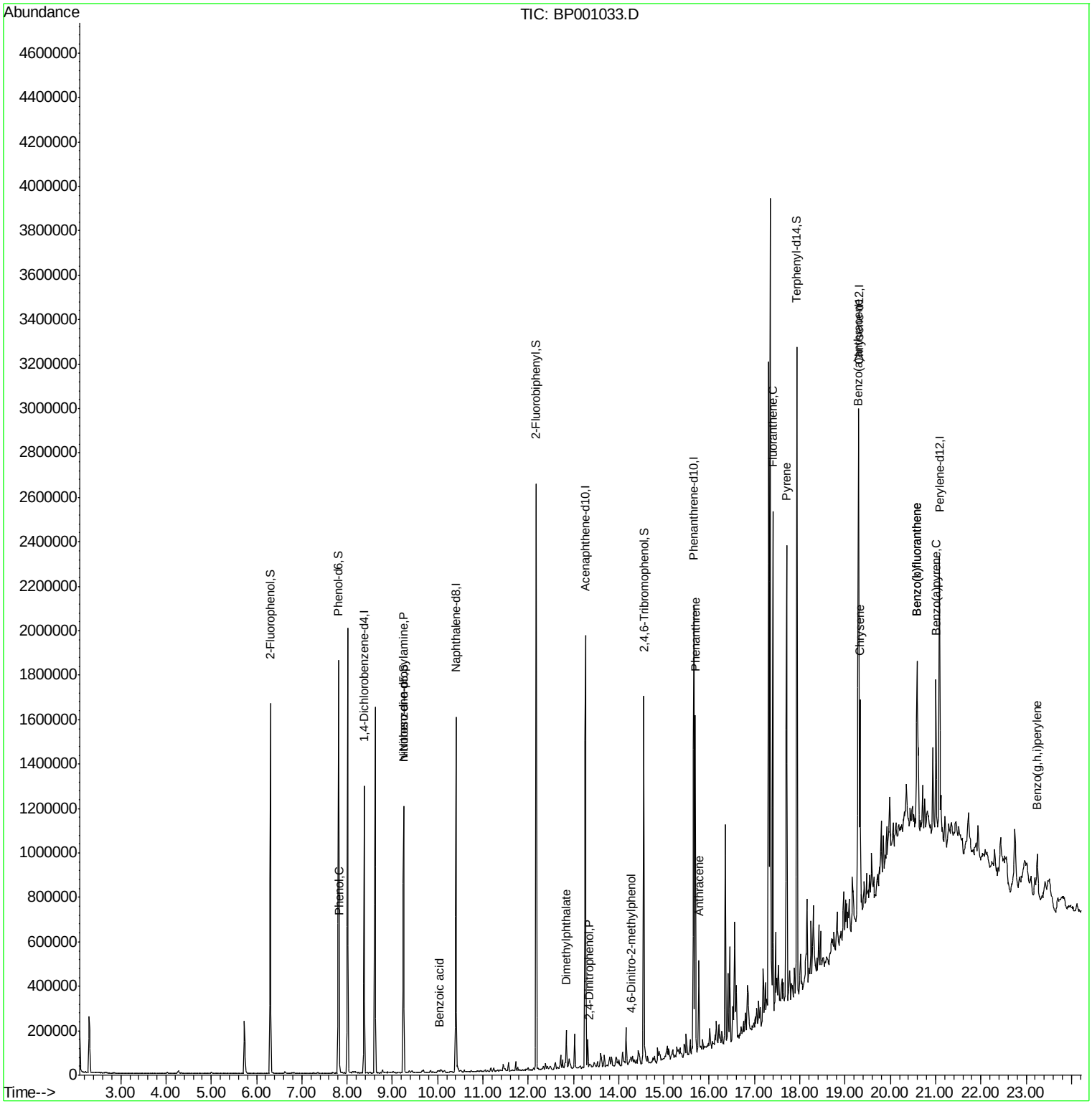
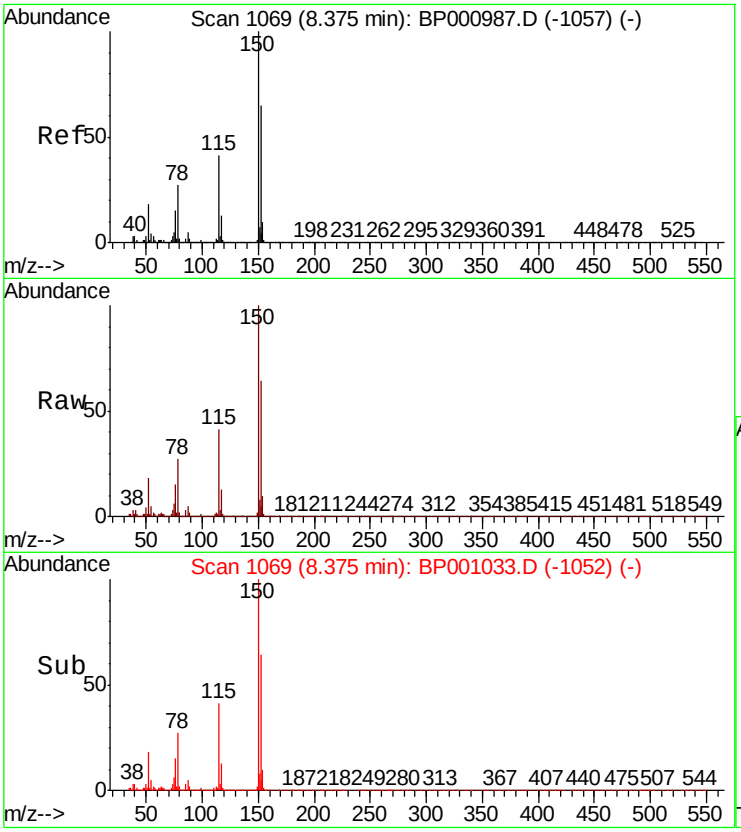


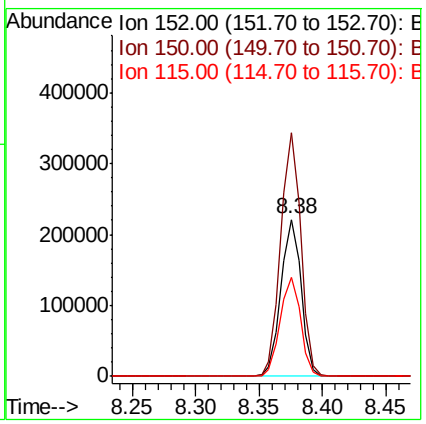


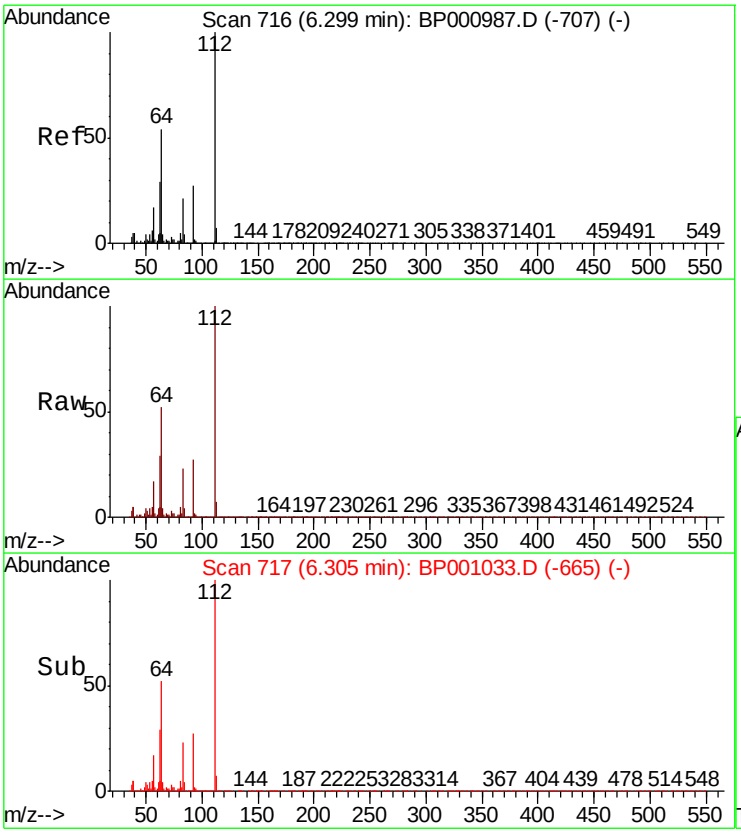
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.38 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 244296

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.6	185.4
115	63.4	50.1	75.1

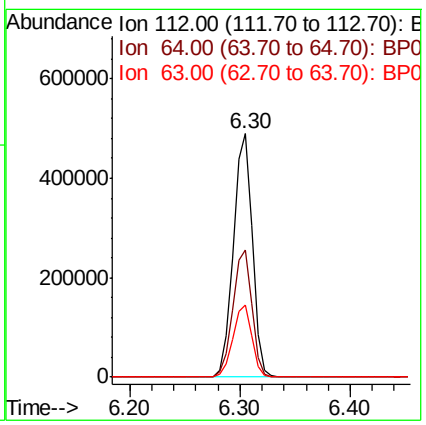


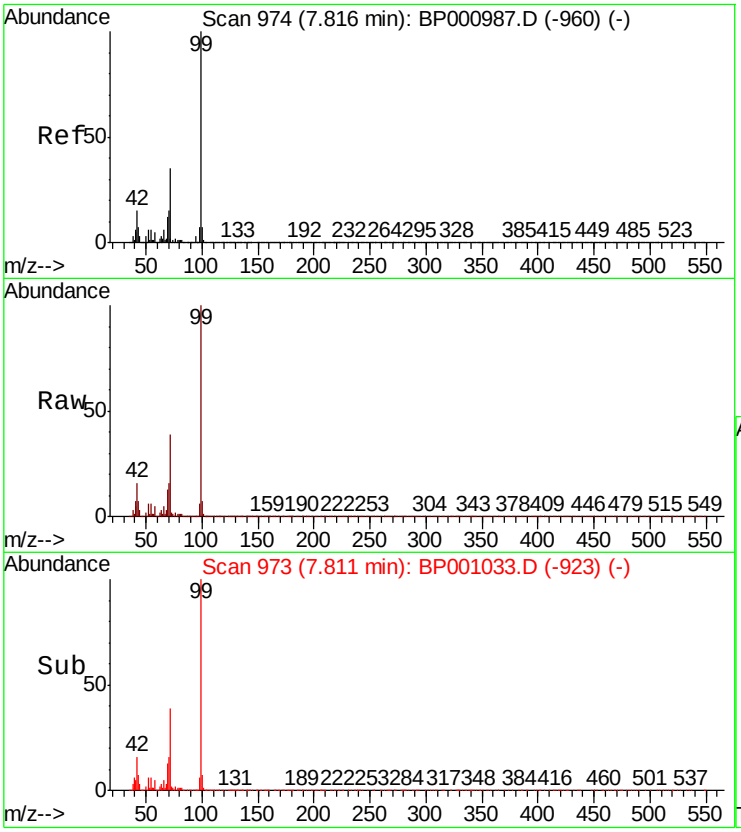


#5
2-Fluorophenol
Concen: 44.246 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:112 Resp: 593845

Ion	Ratio	Lower	Upper
112	100		
64	52.1	43.4	65.0
63	29.4	23.4	35.0



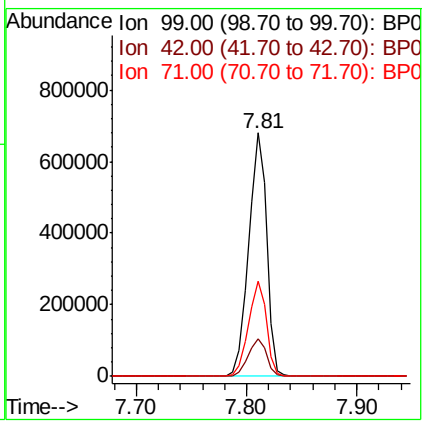


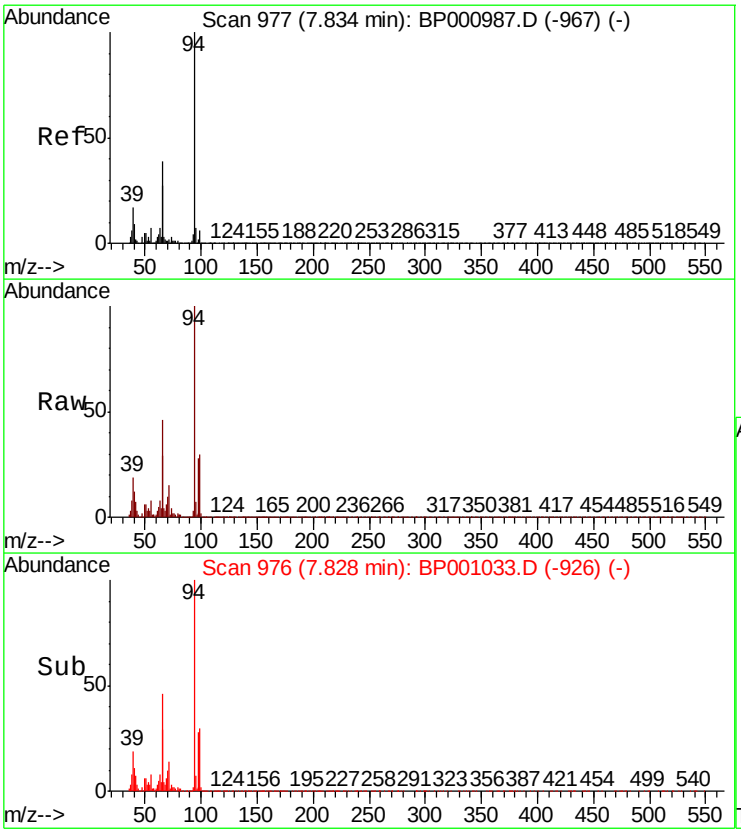
#7
Phenol-d6
Concen: 45.980 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 780382

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.6	17.4
71	39.0	28.0	42.0

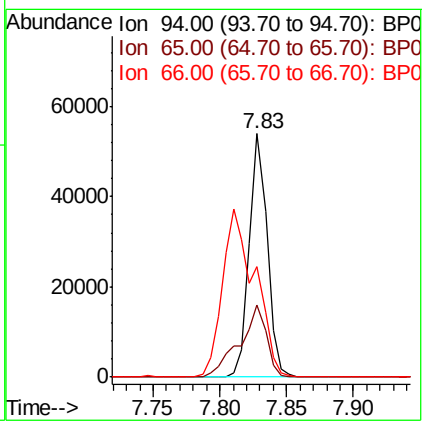


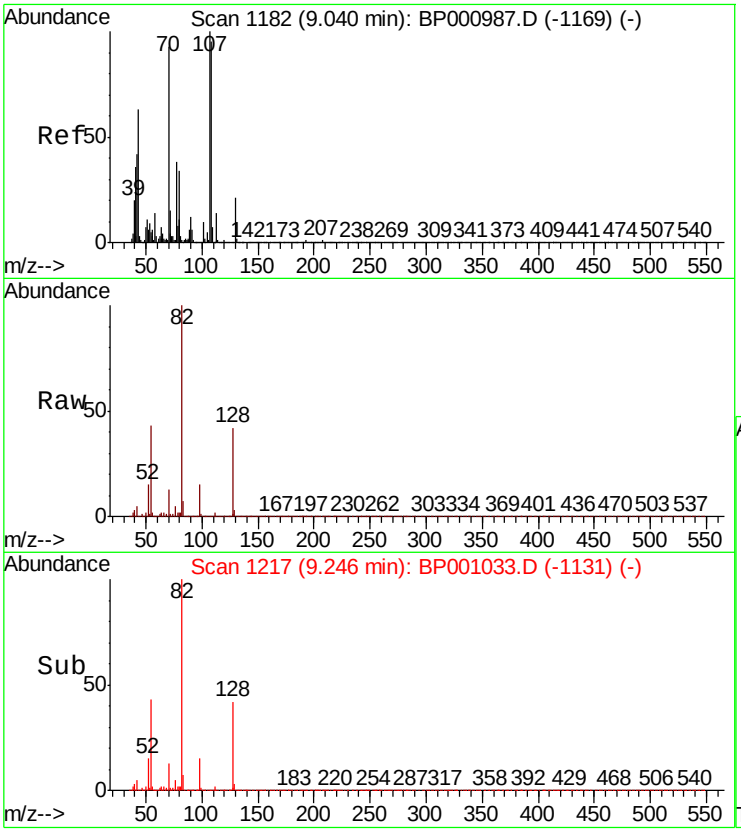


#10
Phenol
Concen: 2.677 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion: 94 Resp: 49701

Ion	Ratio	Lower	Upper
94	100		
65	29.4	6.7	46.7
66	45.6	18.6	58.6



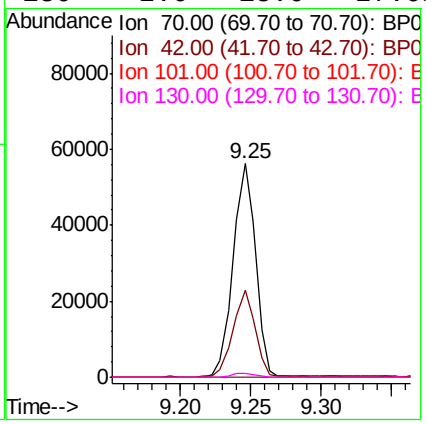


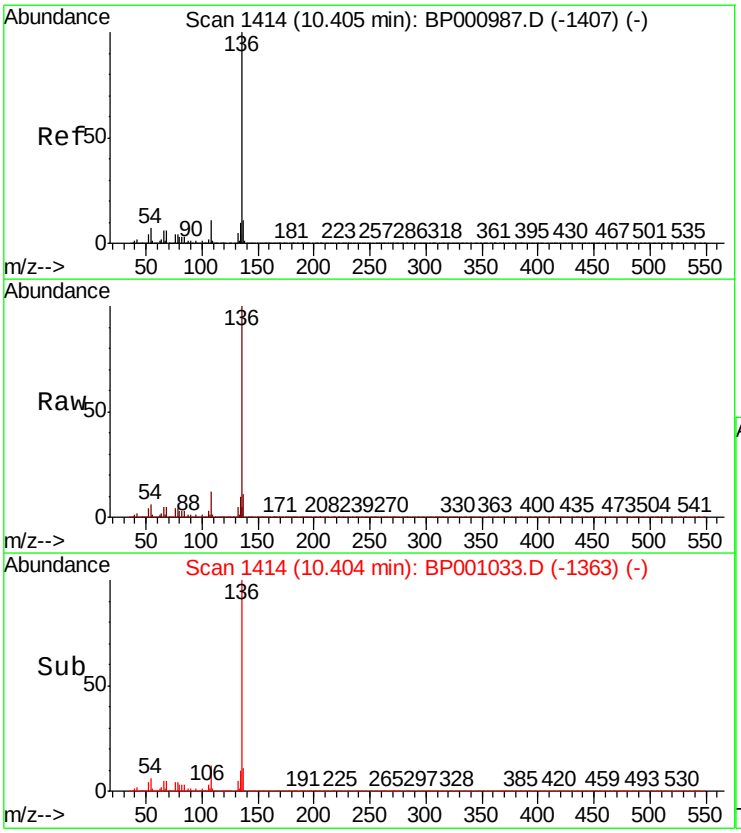
#19
n-Nitroso-di-n-propylamine
Concen: 6.118 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 62350

Ion	Ratio	Lower	Upper
70	100		
42	40.8	36.3	54.5
101	0.1	8.7	13.1#
130	2.0	18.0	27.0#

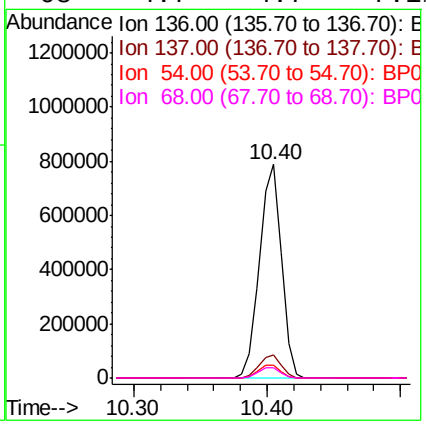


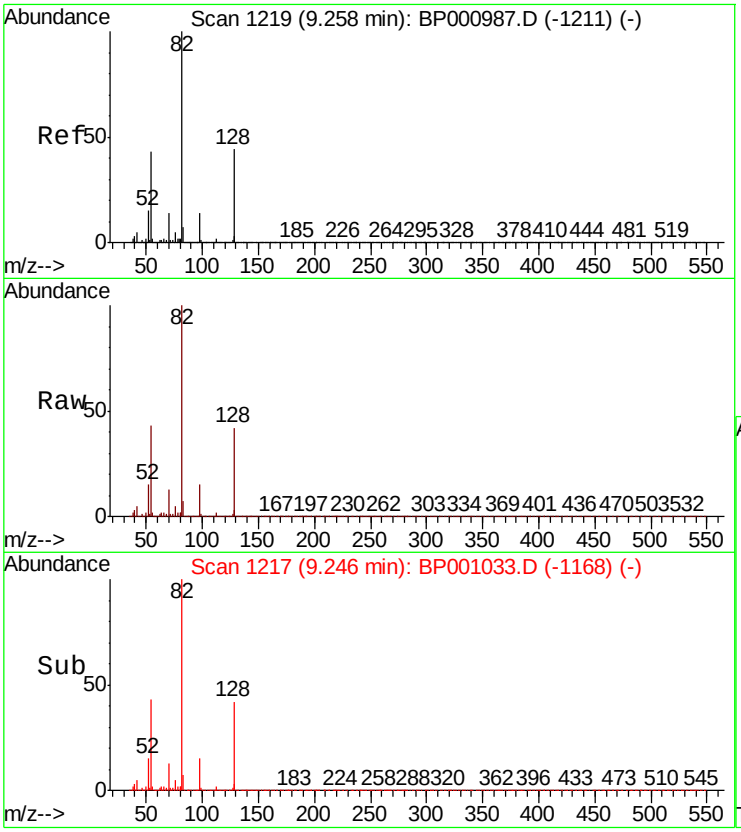


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:136 Resp: 891433

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.0	5.4	8.2
68	4.7	4.7	7.1#



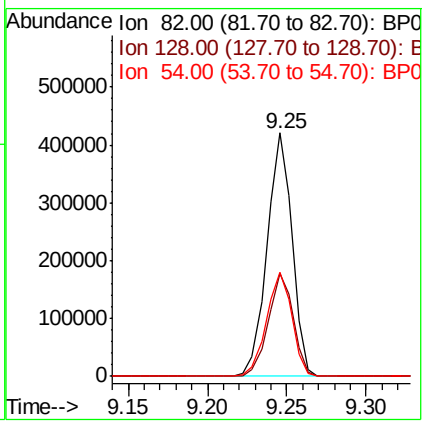


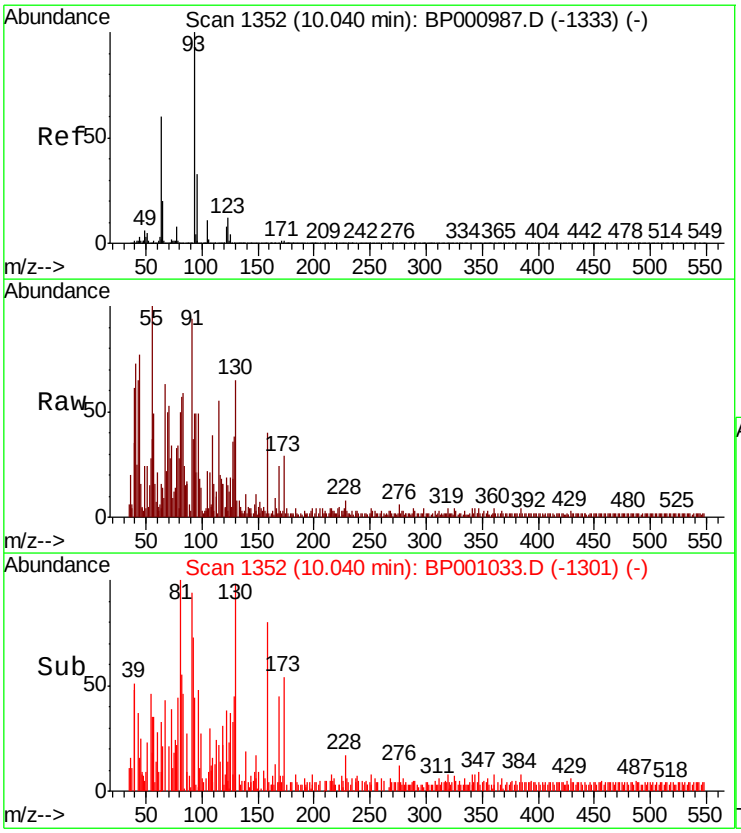
#23
Nitrobenzene-d5
Concen: 28.715 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 462745

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.3	52.9
54	42.9	34.3	51.5

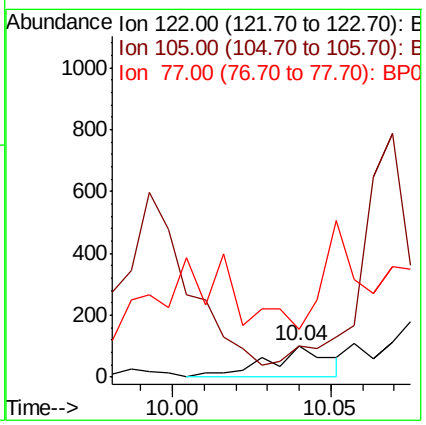


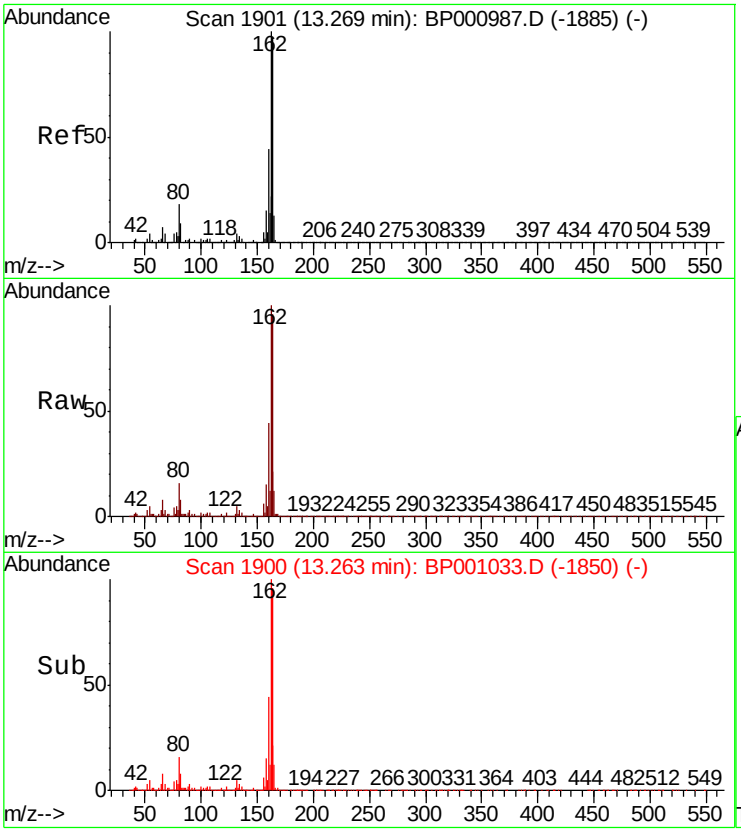


#32
Benzoic acid
Concen: 7.684 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:122 Resp: 133

Ion	Ratio	Lower	Upper
122	100		
105	99.0	110.5	150.5#
77	151.0	77.9	117.9#



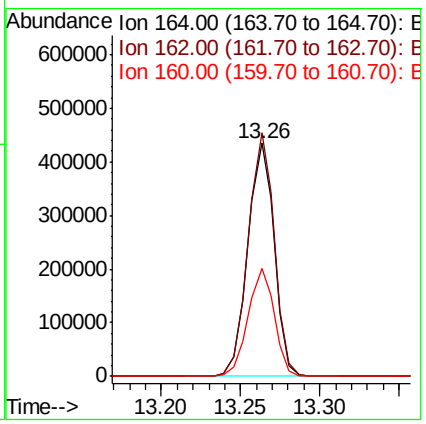


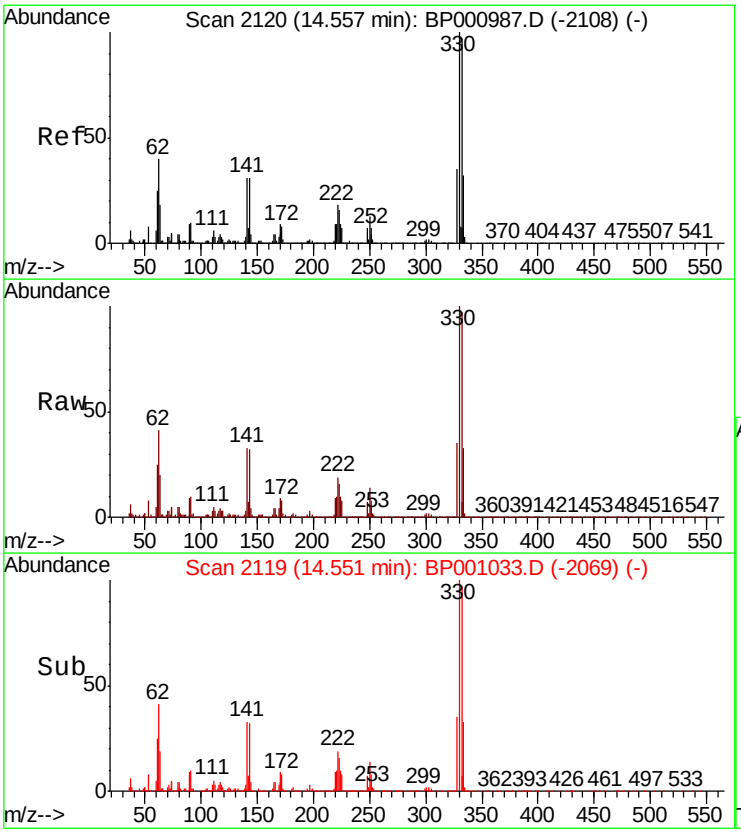
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 502614

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	46.1	36.5	54.7

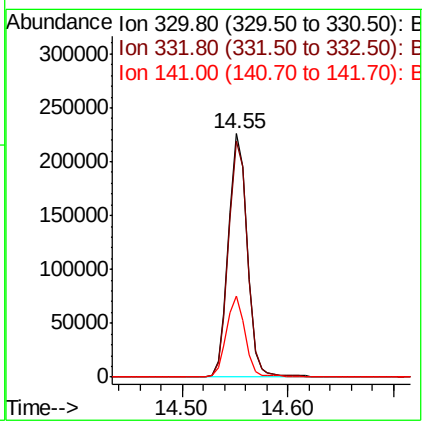


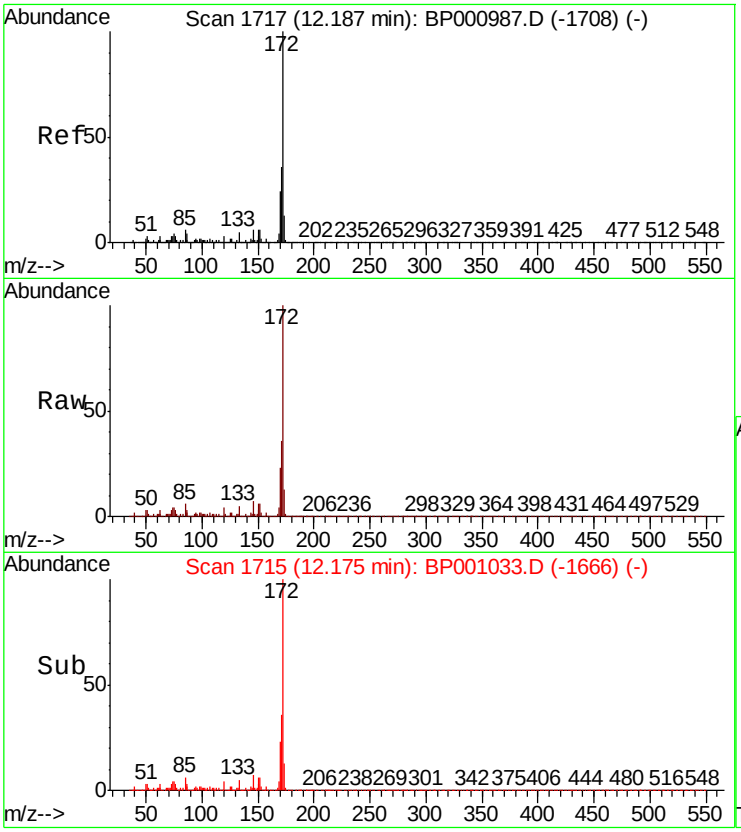


#42
2,4,6-Tribromophenol
Concen: 46.250 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:330 Resp: 277505

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.3	117.5
141	32.7	25.0	37.4



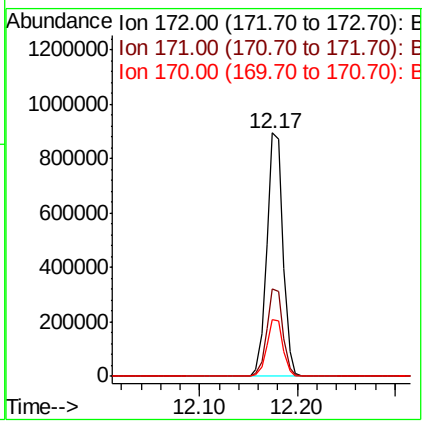


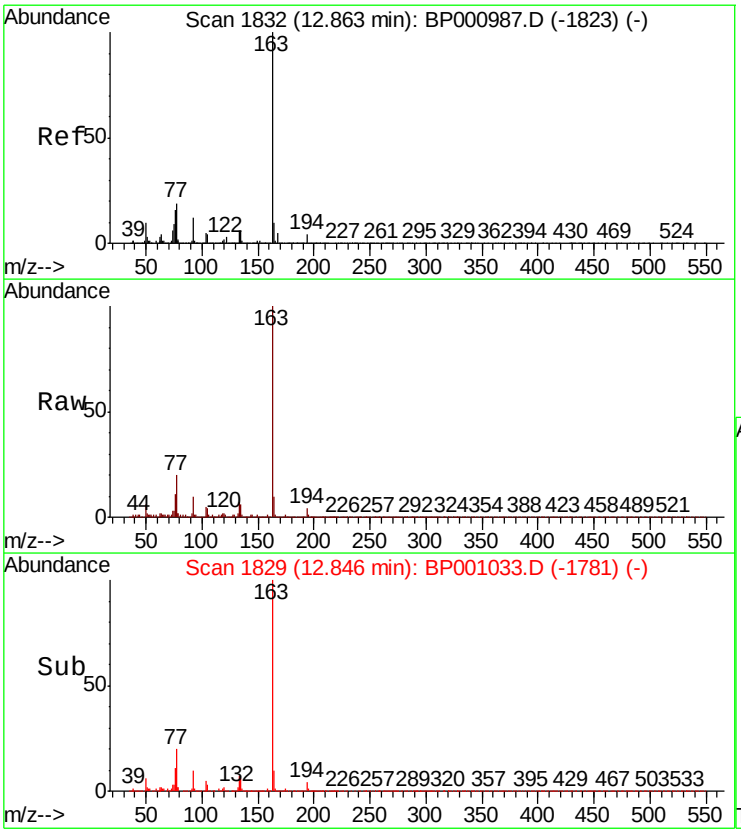
#45
2-Fluorobiphenyl
Concen: 31.145 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1039362

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.2	18.9	28.3

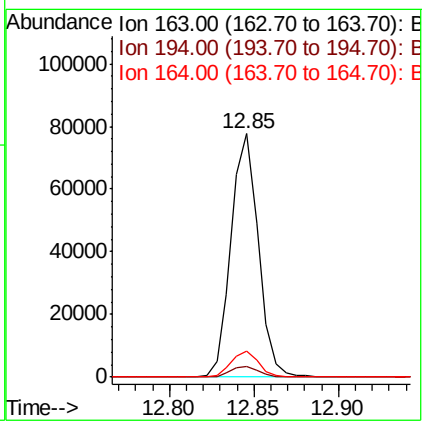


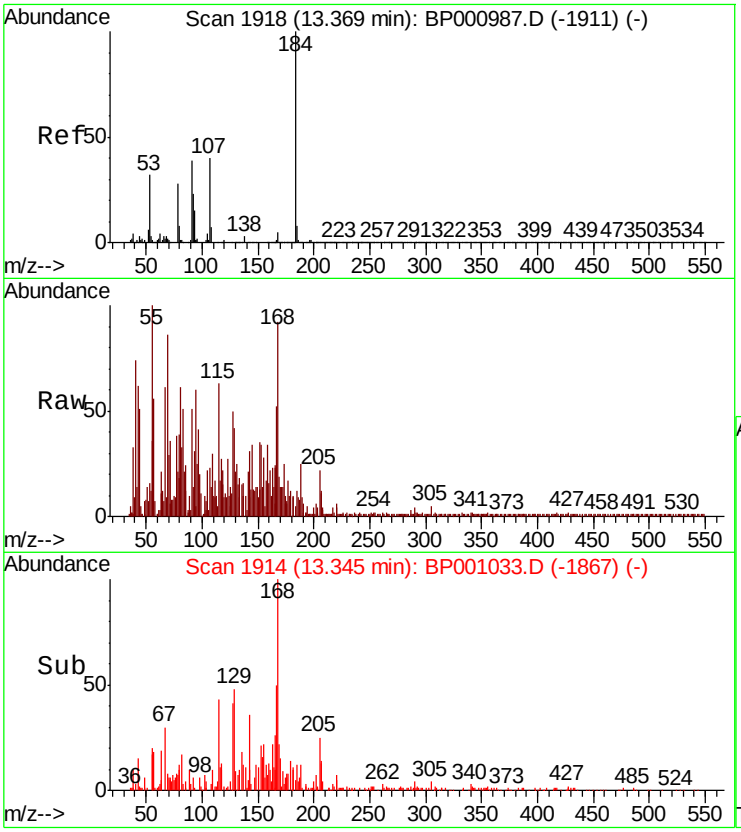


#50
Dimethylphthalate
Concen: 2.333 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:163 Resp: 86725

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.4	7.9	11.9



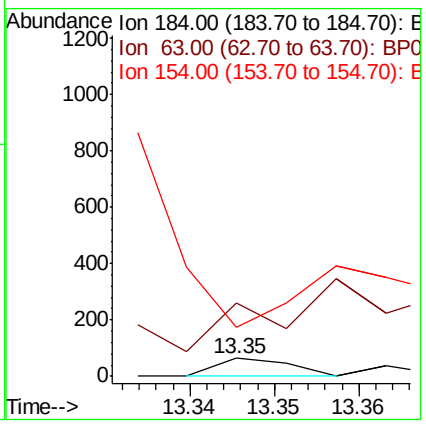


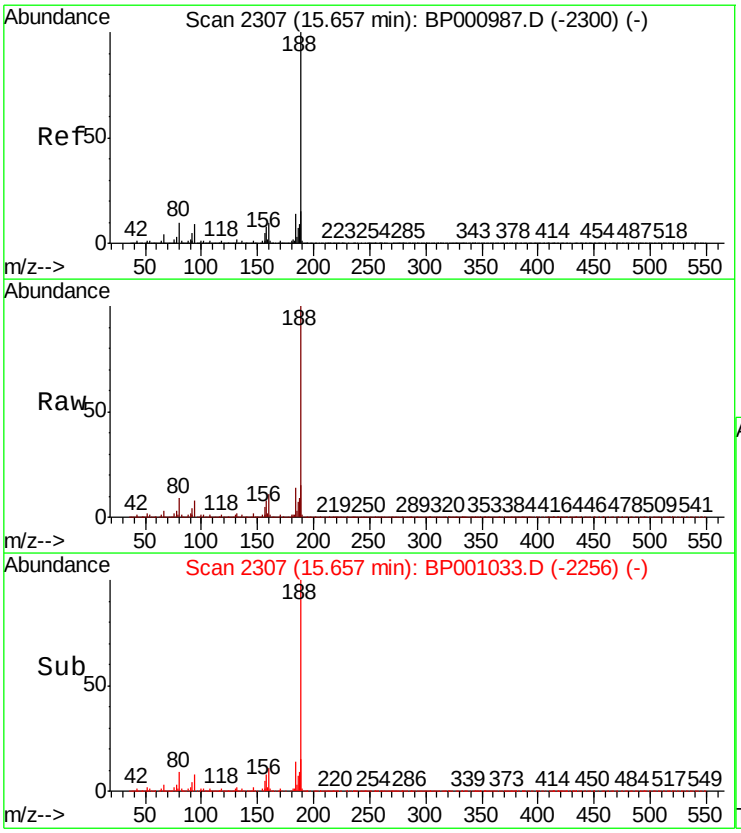
#54
2,4-Dinitrophenol
Concen: 8.323 ng
RT: 13.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 39

Ion	Ratio	Lower	Upper
184	100		
63	415.9	41.0	61.6#
154	273.0	48.1	72.1#

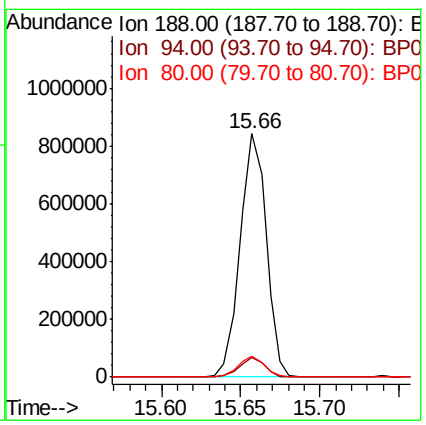


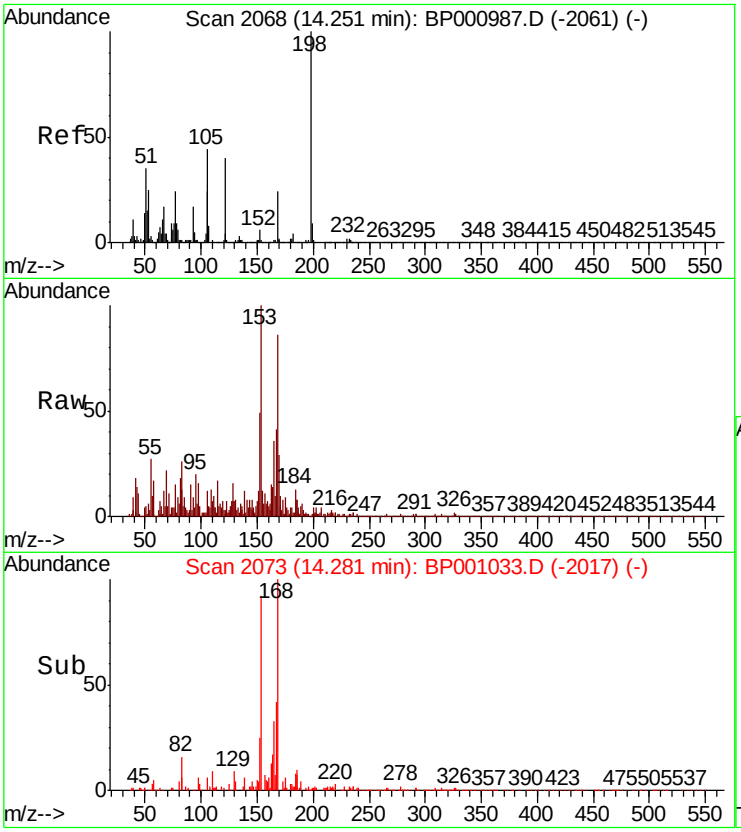


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:188 Resp: 964883

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.4	11.2
80	8.6	7.9	11.9



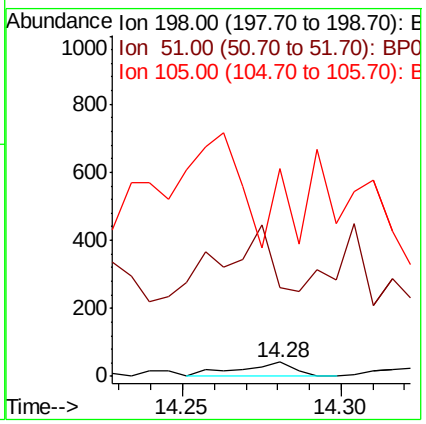


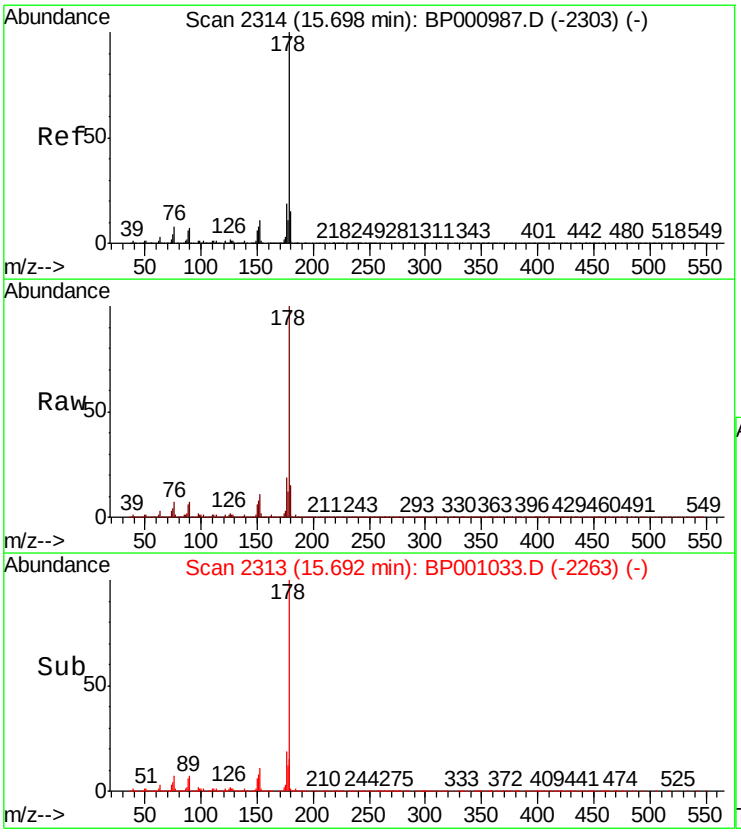
#65
4,6-Dinitro-2-methylphenol
Concen: 9.895 ng
RT: 14.28 min Scan# 2073
Delta R.T. 0.03 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 51

Ion	Ratio	Lower	Upper
198	100		
51	626.2	16.0	56.0#
105	1452.4	24.9	64.9#

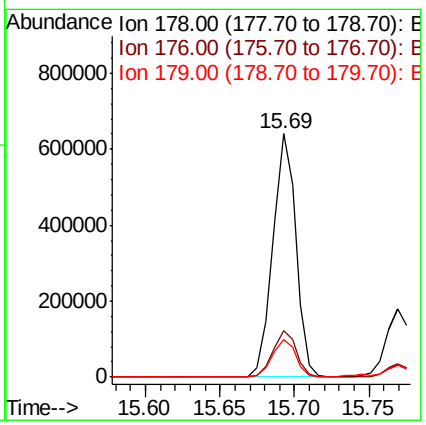


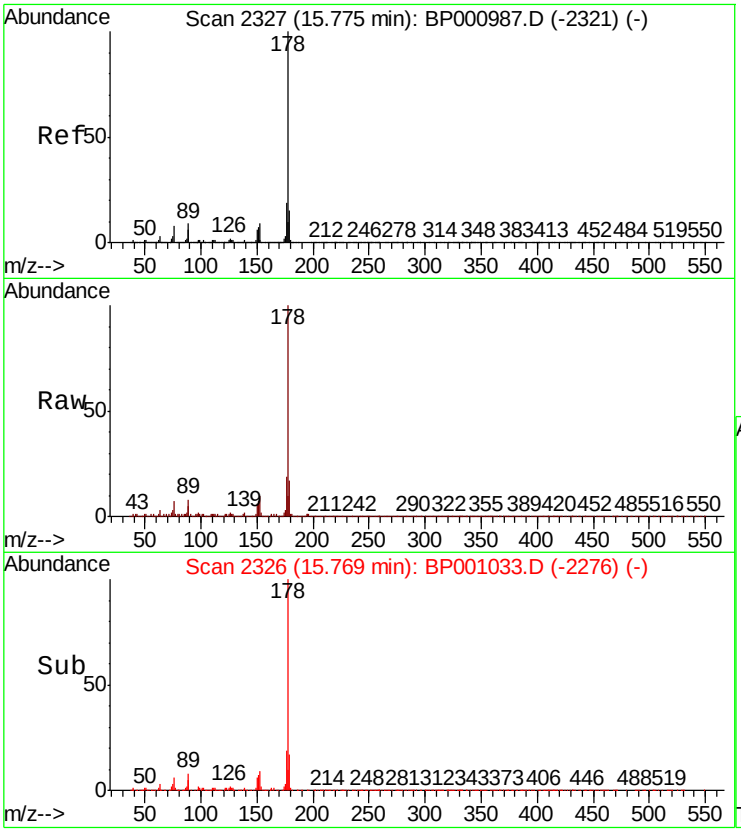


#71
Phenanthrene
Concen: 13.995 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:178 Resp: 691107

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.4	12.3	18.5



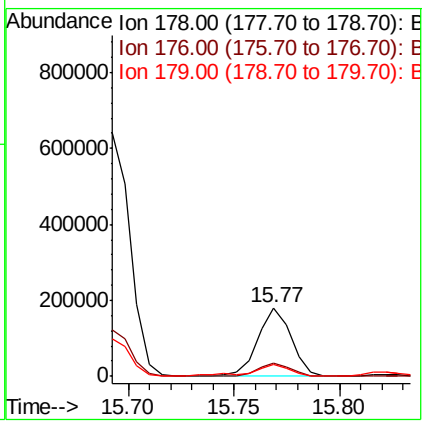


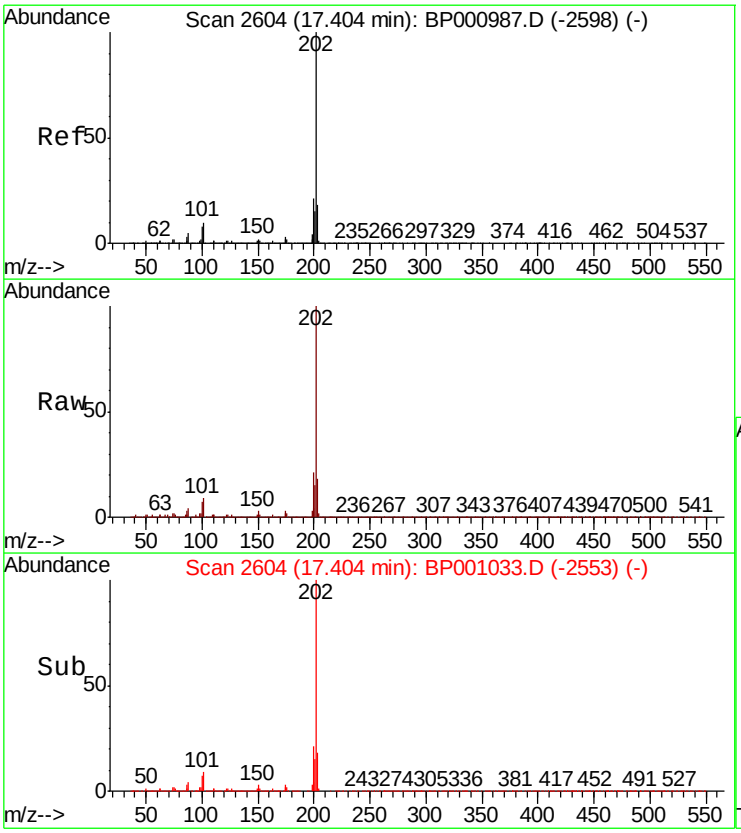
#72
Anthracene
Concen: 4.059 ng
RT: 15.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 195561

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	17.1	12.3	18.5

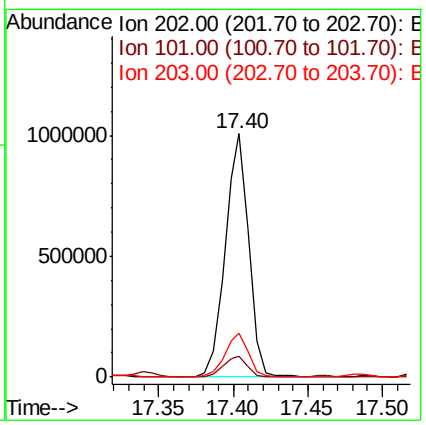


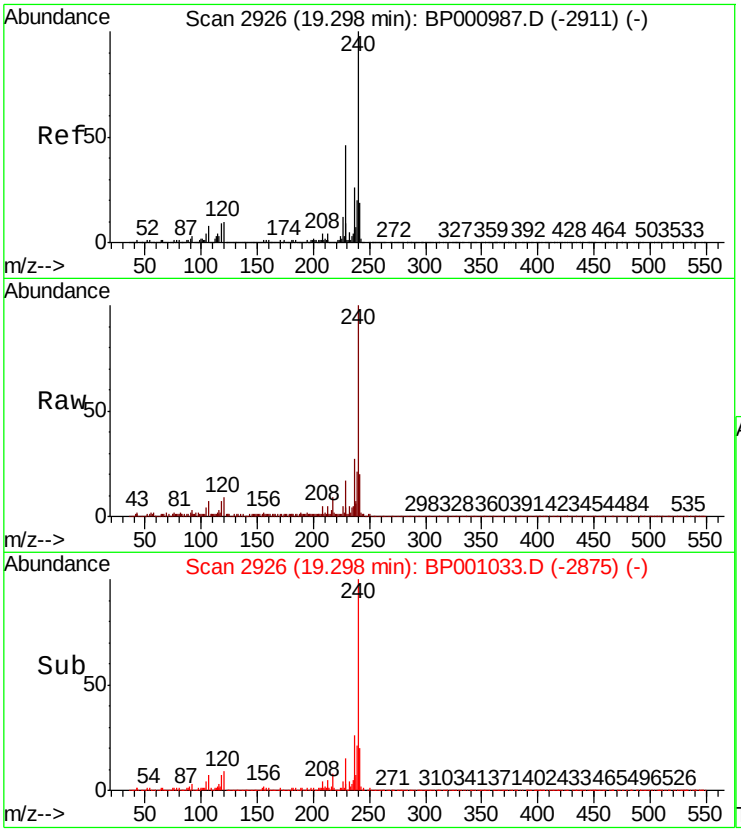


#75
Fluoranthene
Concen: 19.879 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.00 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:202 Resp: 1109598

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.1
203	18.0	0.0	37.7



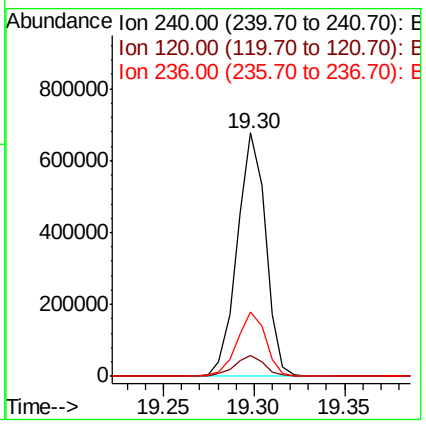


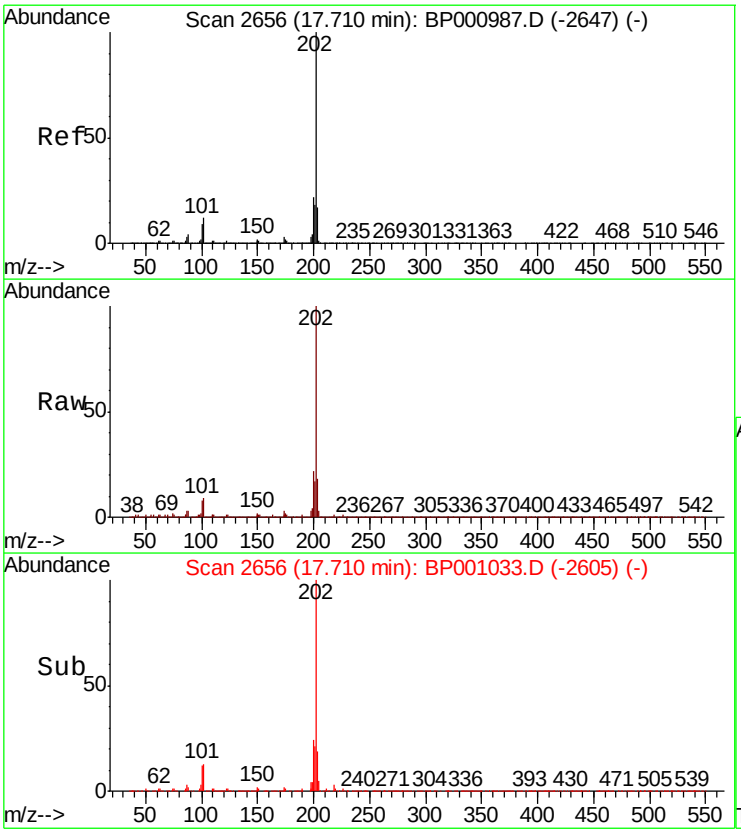
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.30 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 731687

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.2	12.2
236	26.5	20.5	30.7

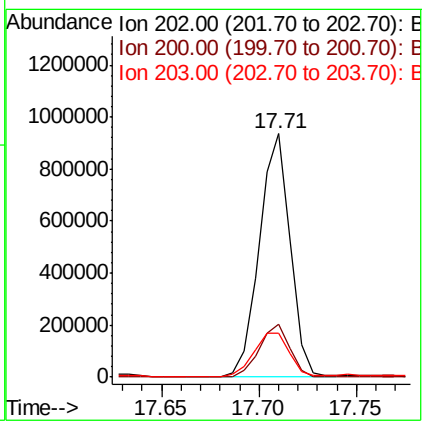


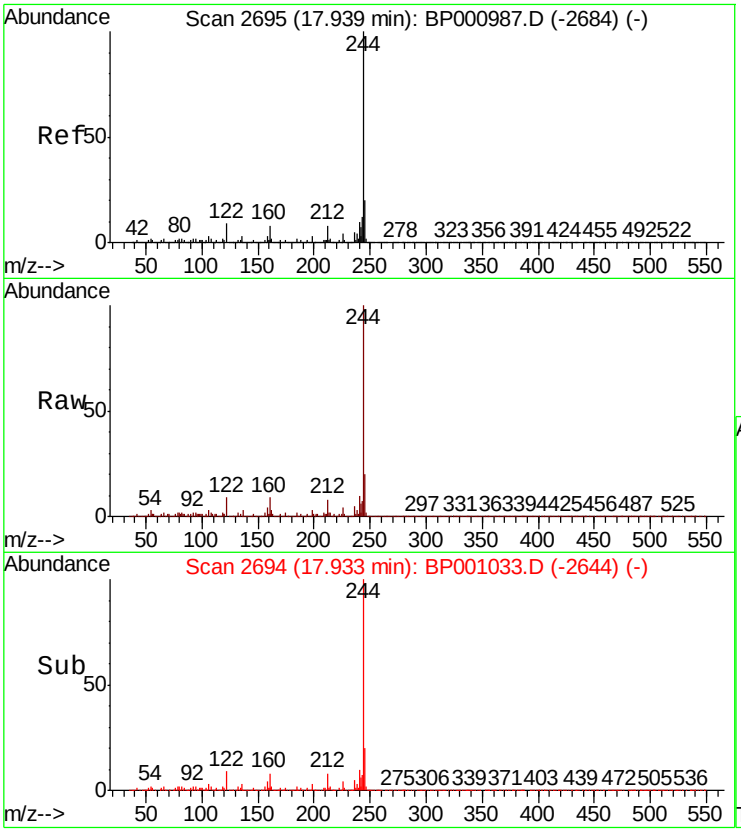


#78
Pyrene
Concen: 19.708 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:202 Resp: 1019090

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	17.8	14.0	21.0



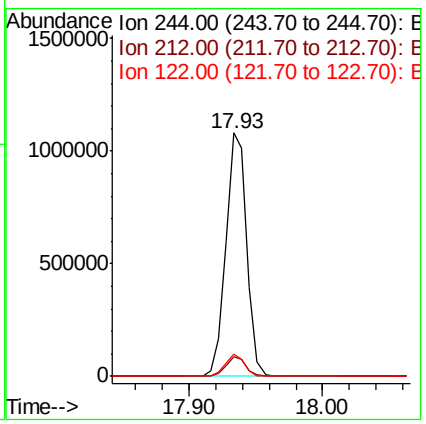


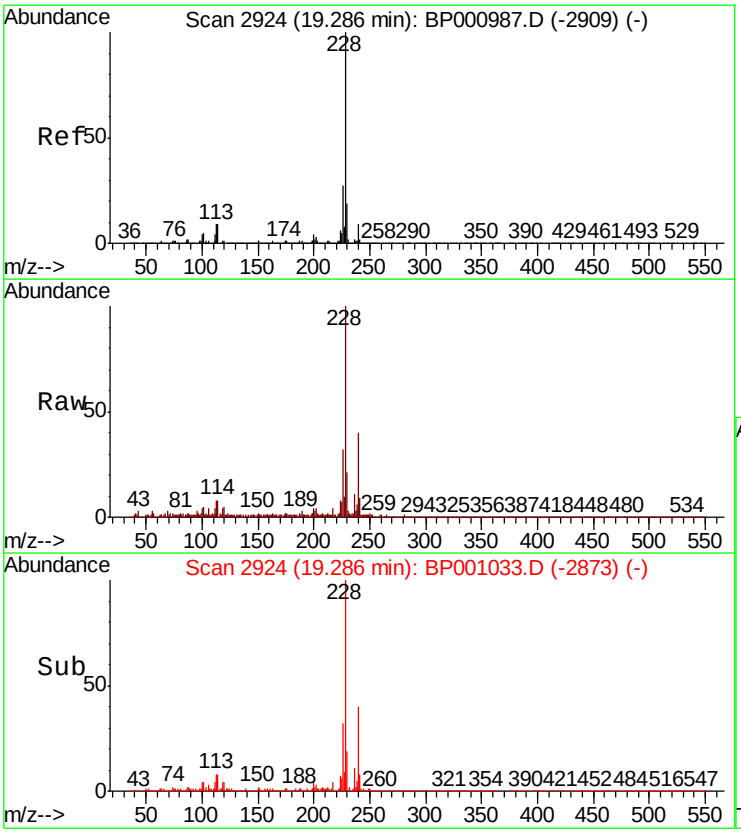
#79
Terphenyl-d14
Concen: 32.100 ng
RT: 17.93 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1180759

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	8.9	7.4	11.2

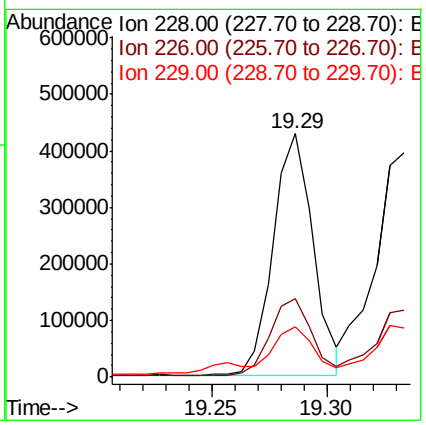


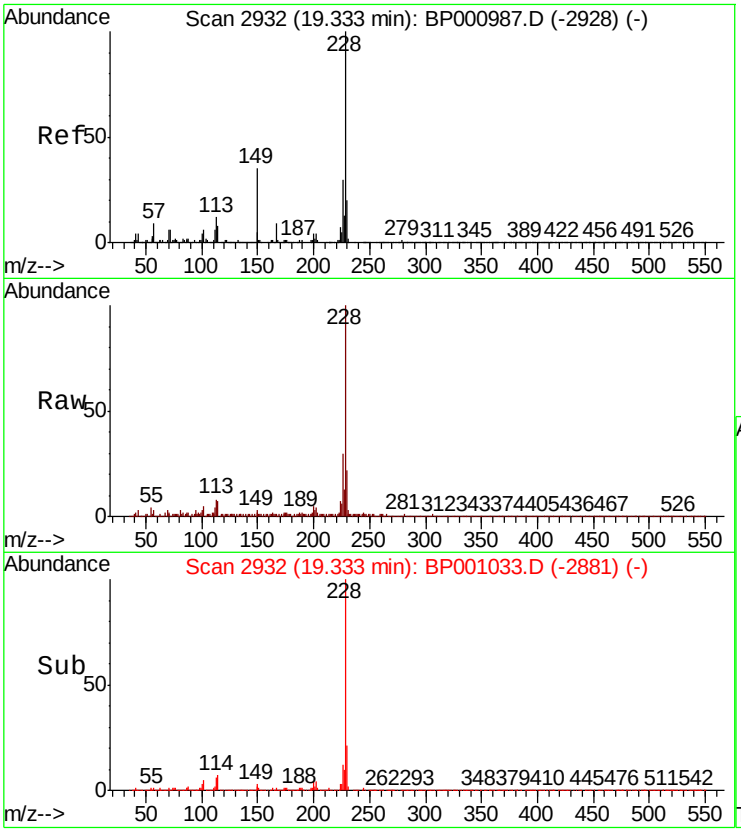


#81
Benzo(a)anthracene
Concen: 10.406 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:228 Resp: 512796

Ion	Ratio	Lower	Upper
228	100		
226	32.4	21.8	32.8
229	20.6	15.6	23.4



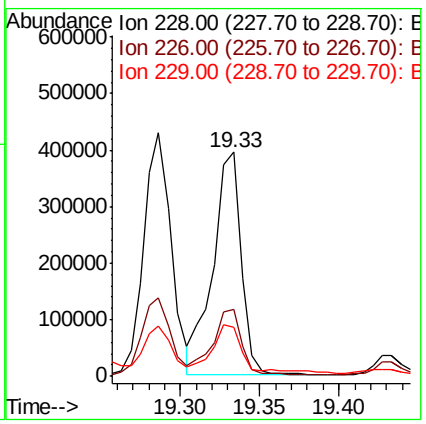


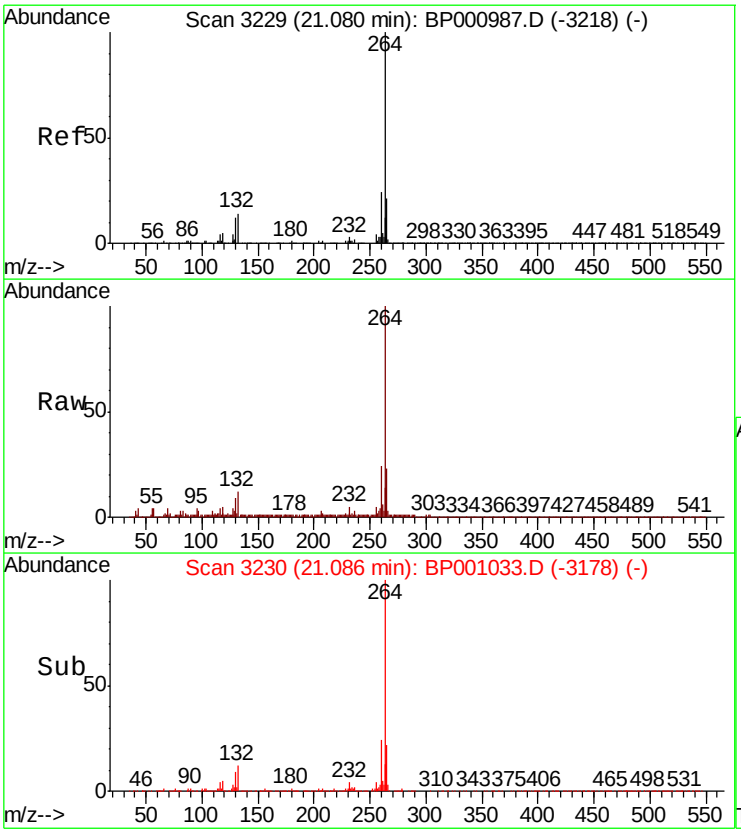
#83
Chrysene
Concen: 11.265 ng
RT: 19.33 min Scan# 2932
Delta R.T. -0.00 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 487351

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	21.8	15.8	23.6

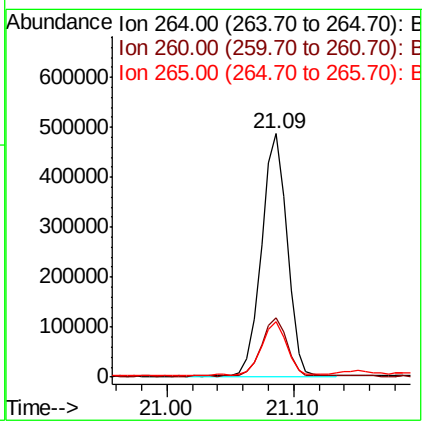


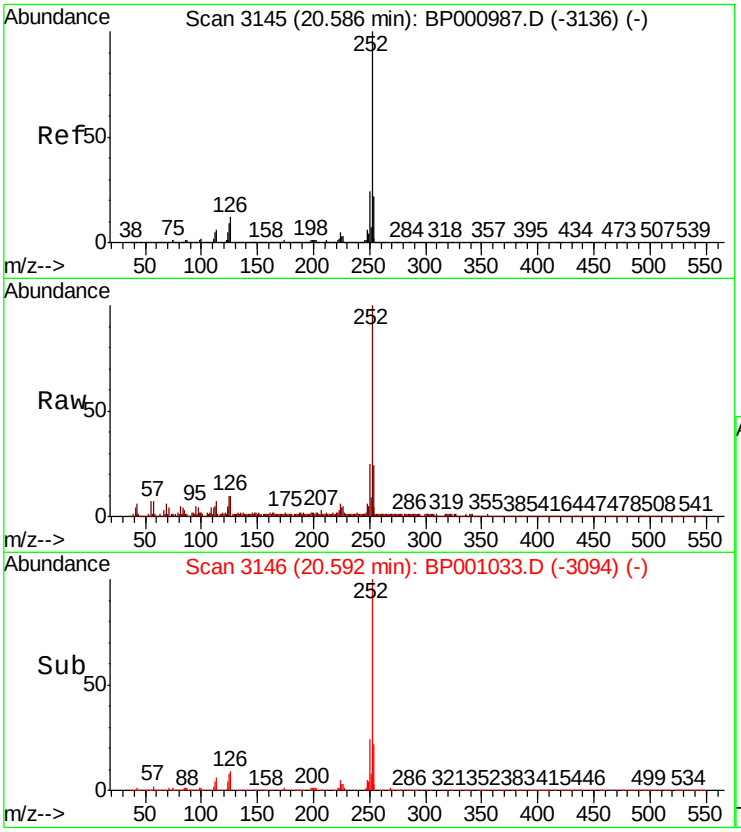


#87
Perylene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3230
Delta R.T. 0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:264 Resp: 681553

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	22.6	17.1	25.7



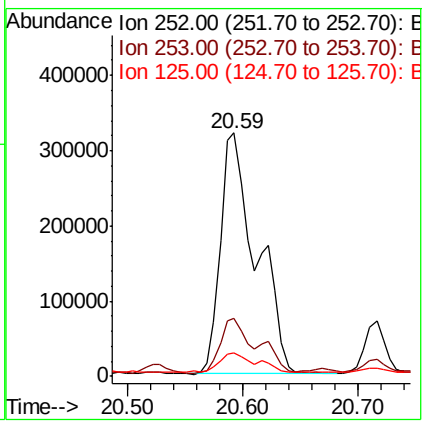


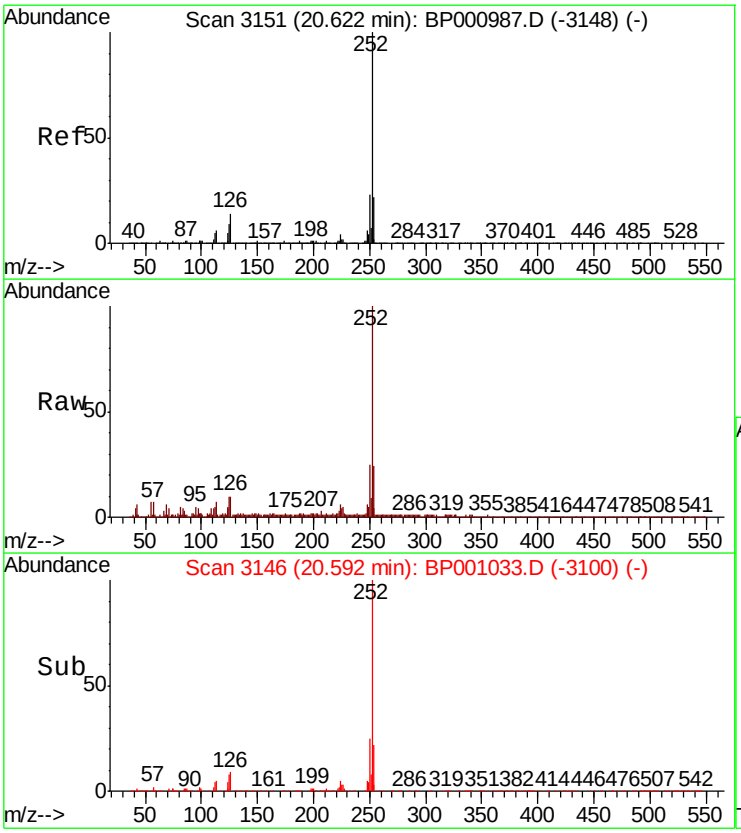
#88
Benzo(b)fluoranthene
Concen: 17.061 ng
RT: 20.59 min Scan# 3146
Delta R.T. 0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 693129

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	9.8	7.3	10.9

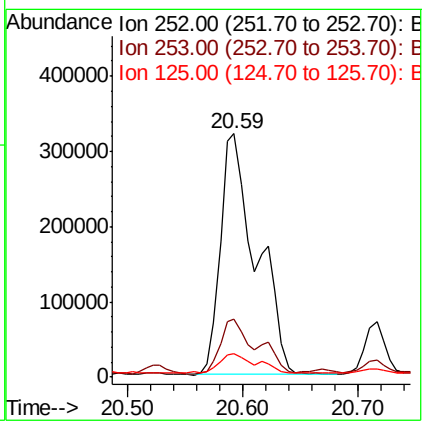


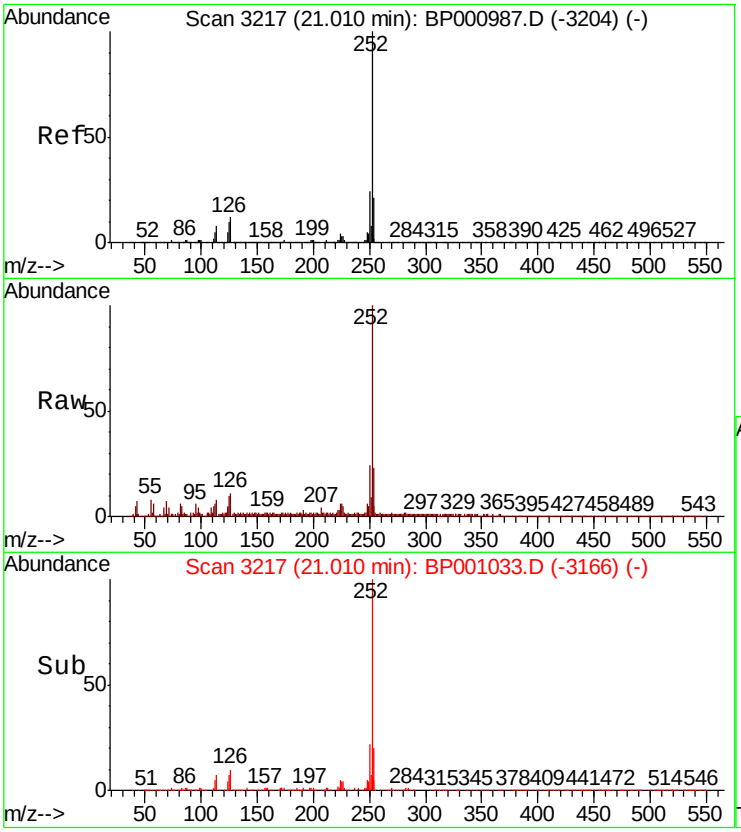


#89
Benzo(k)fluoranthene
Concen: 18.124 ng
RT: 20.59 min Scan# 3146
Delta R.T. -0.03 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:252 Resp: 693129

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	9.8	7.3	10.9



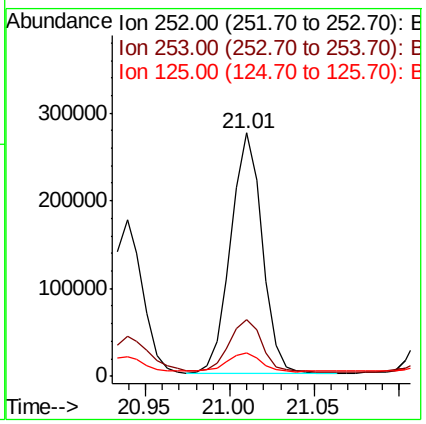


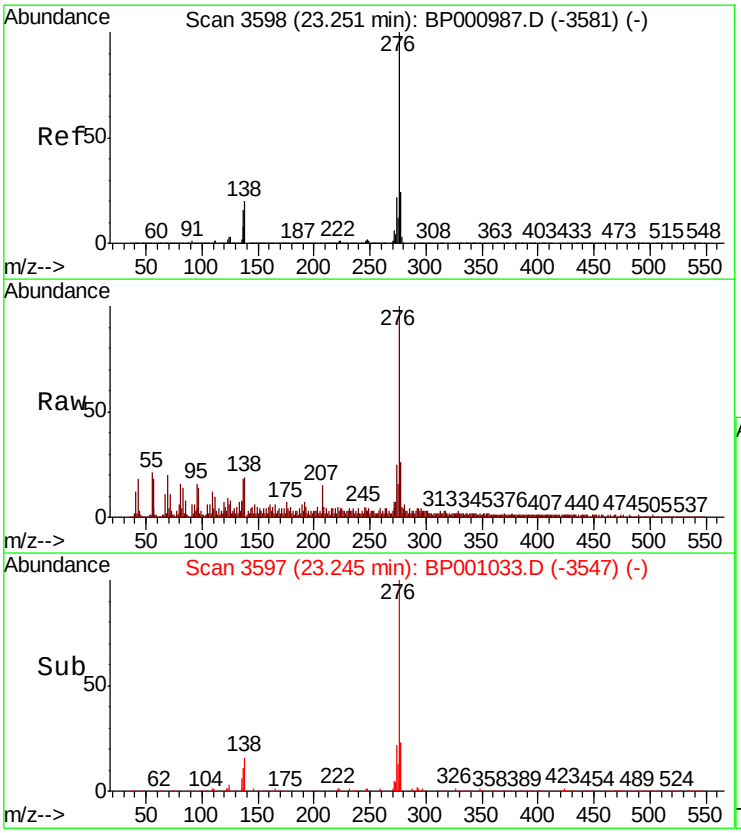
#90
Benzo(a)pyrene
Concen: 9.504 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 355035

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	9.8	7.6	11.4





#92
Benzo(g,h,i)perylene
Concen: 4.389 ng
RT: 23.24 min Scan# 3597
Delta R.T. -0.01 min
Lab File: BP001033.D
Acq: 11 Nov 2019 23:39

Tgt Ion:276 Resp: 168487

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.0	28.4
138	19.1	15.7	23.5