Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001056.D
Acq On : 15 Nov 2019 23:26
Operator : JU
Sample : K5832-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Nov 16 03:32:18 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	8.37	152	176547	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	655039	20.00	ng		-0.01
39) Acenaphthene-d10	13.25	164	392594	20.00	ng		-0.02
64) Phenanthrene-d10	15.65	188	779226	20.00	ng		-0.01
76) Chrysene-d12	19.28	240	647745	20.00	ng		-0.02
87) Perylene-d12	21.06	264	726331	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	494234	50.95	ng		0.00
7) Phenol-d6	7.81	99	938118	76.48	ng		0.00
23) Nitrobenzene-d5	9.24	82	608390	51.38	ng		-0.02
42) 2,4,6-Tribromophenol	14.54	330	134980	28.80	ng		-0.02
45) 2-Fluorobiphenyl	12.17	172	1364399	52.34	ng		-0.02
79) Terphenyl-d14	17.92	244	1809787	55.58	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.82	94	32549	2.426	ng		80
19) n-Nitroso-di-n-propylamine	9.24	70	83884	11.390	ng	#	77
32) Benzoic acid	10.17	122	195	7.700	ng		86
49) Acenaphthylene	13.02	152	91890	2.558	ng		98
50) Dimethylphthalate	12.83	163	235264	8.104	ng		99
54) 2,4-Dinitrophenol	13.34	184	32	8.323	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.23	198	28	9.891	ng	#	1
71) Phenanthrene	15.68	178	310909	7.796	ng		100
72) Anthracene	15.76	178	129819	3.337	ng		97
75) Fluoranthene	17.39	202	725116	16.086	ng		98
78) Pyrene	17.69	202	753037	16.450	ng		98
81) Benzo(a)anthracene	19.32	228	431725	9.896	ng		94
83) Chrysene	19.32	228	431725	11.272	ng		98
88) Benzo(b)fluoranthene	20.57	252	758875	17.528	ng		100
89) Benzo(k)fluoranthene	20.57	252	758875	18.620	ng		99
90) Benzo(a)pyrene	20.99	252	301813	7.581	ng		96
92) Benzo(g,h,i)perylene	23.21	276	231458	5.657	ng		96

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

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ALS Vial : 19 Sample Multiplier: 1

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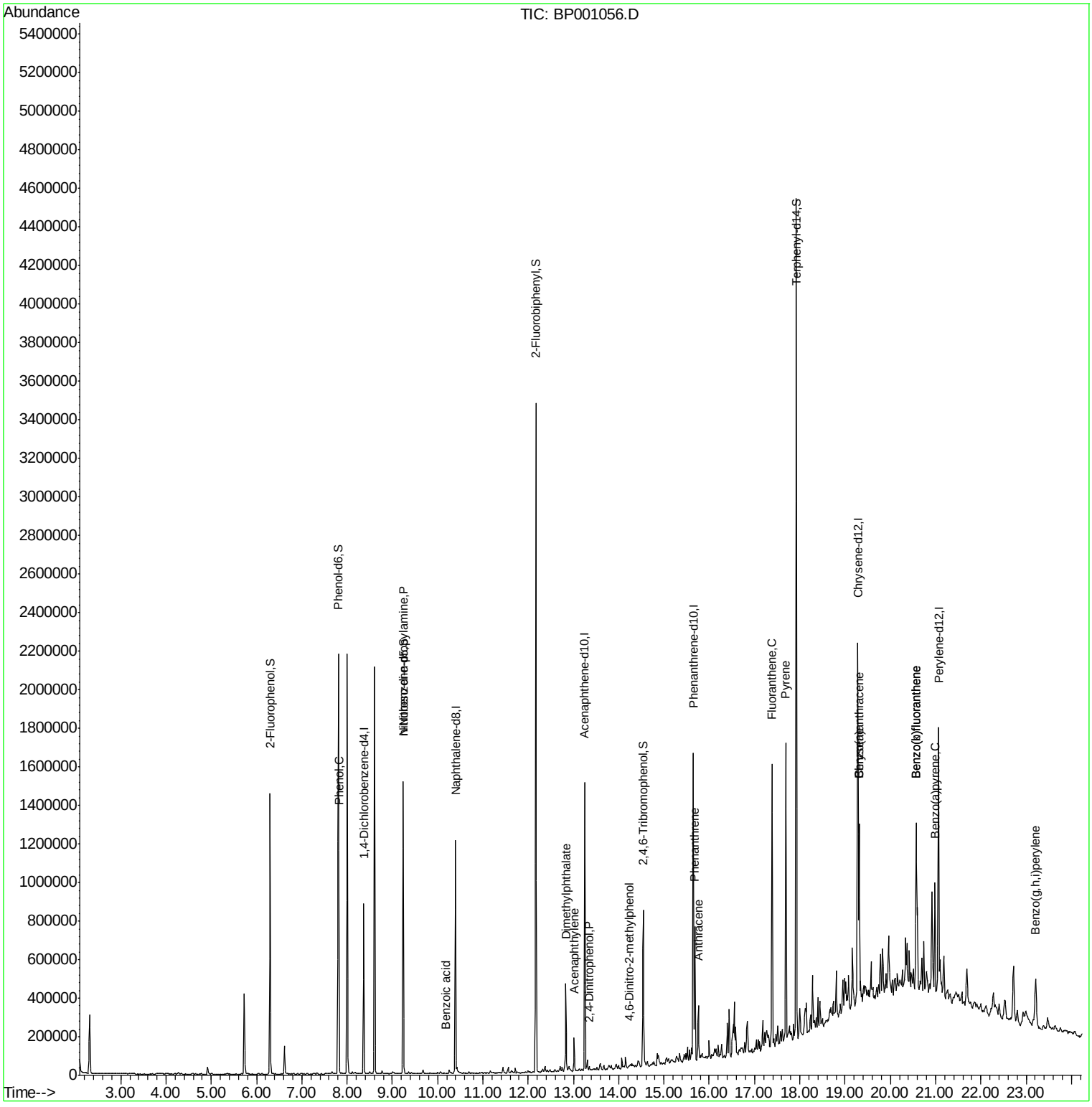
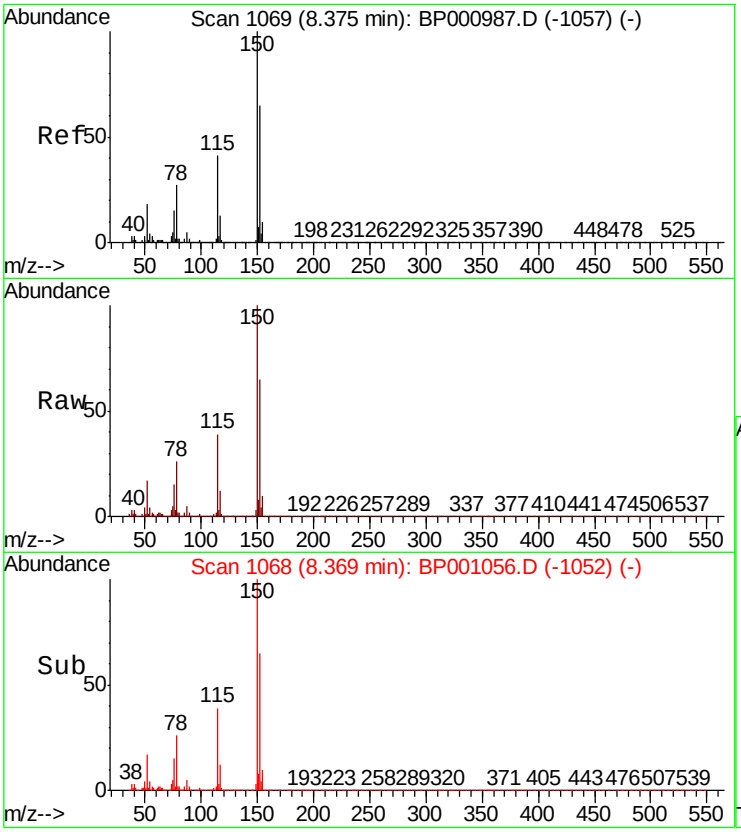


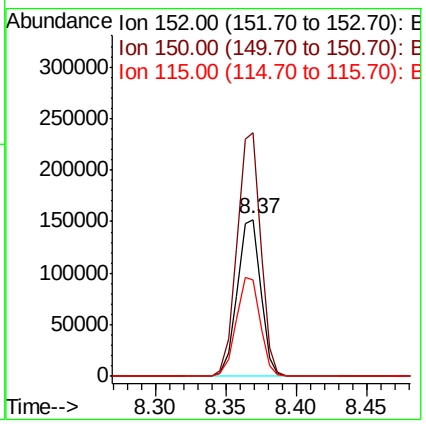


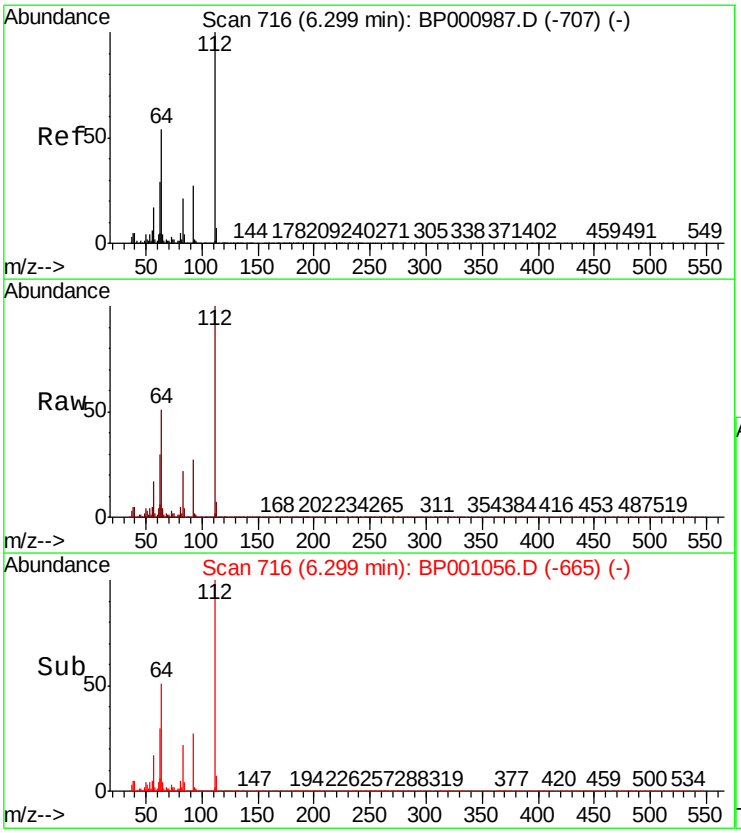
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 176547

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.6	185.4
115	61.1	50.1	75.1

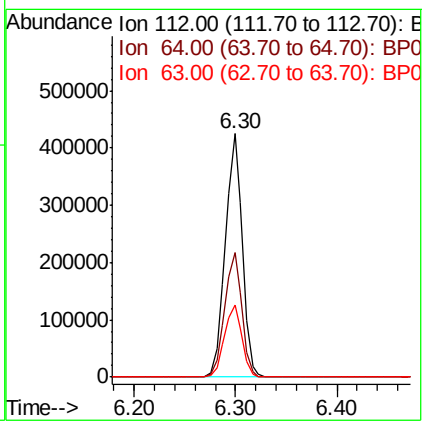


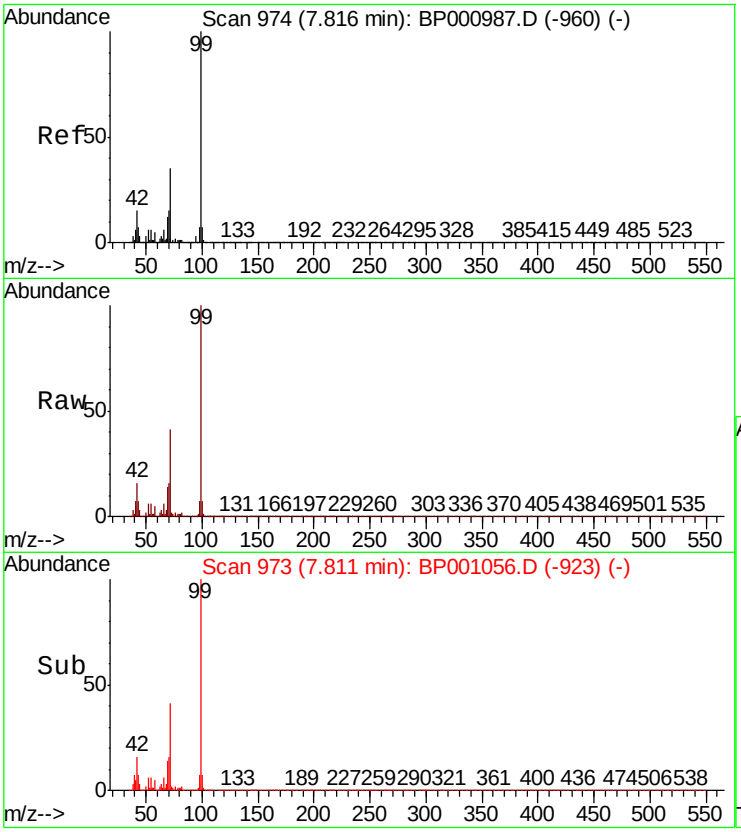


#5
2-Fluorophenol
Concen: 50.955 ng
RT: 6.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:112 Resp: 494234

Ion	Ratio	Lower	Upper
112	100		
64	51.4	43.4	65.0
63	29.6	23.4	35.0



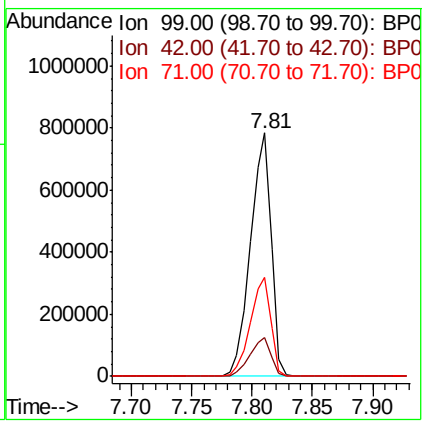


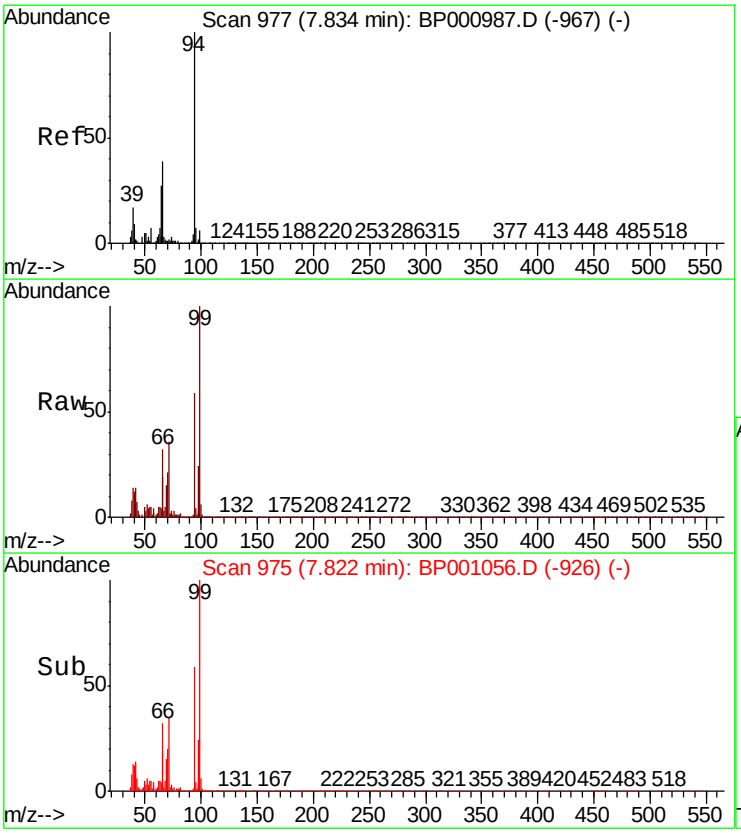
#7
Phenol-d6
Concen: 76.484 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 938118

Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.6	17.4
71	40.7	28.0	42.0

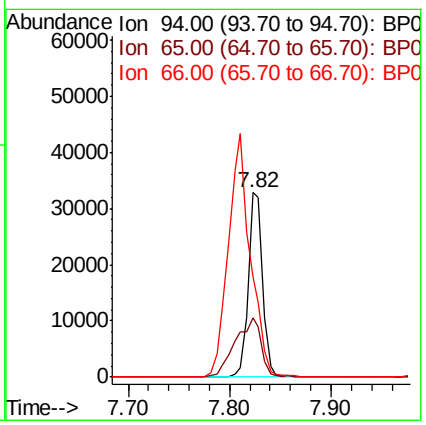


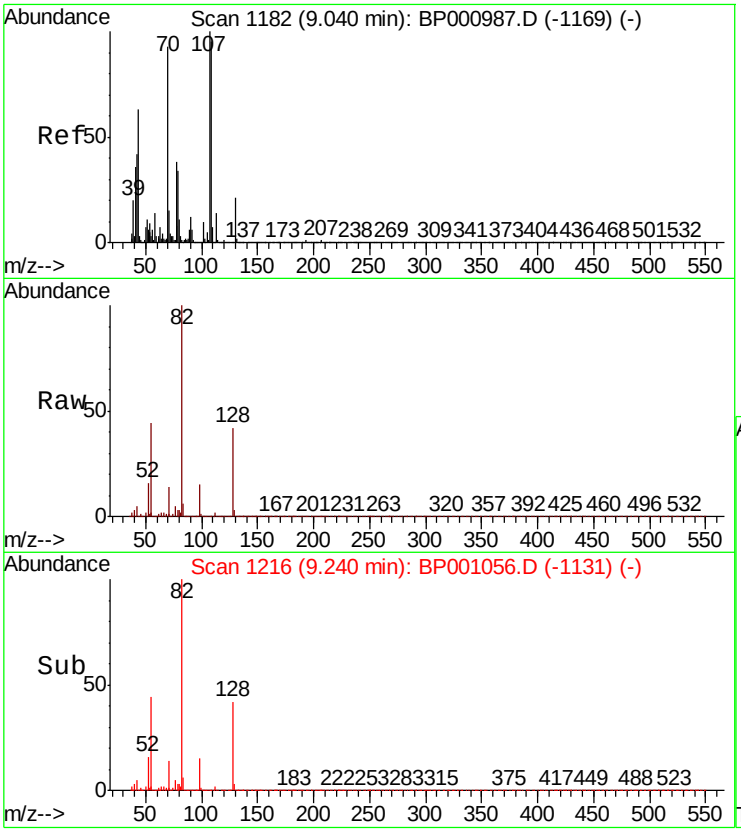


#10
Phenol
Concen: 2.426 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion: 94 Resp: 32549

Ion	Ratio	Lower	Upper
94	100		
65	32.4	6.7	46.7
66	54.1	18.6	58.6



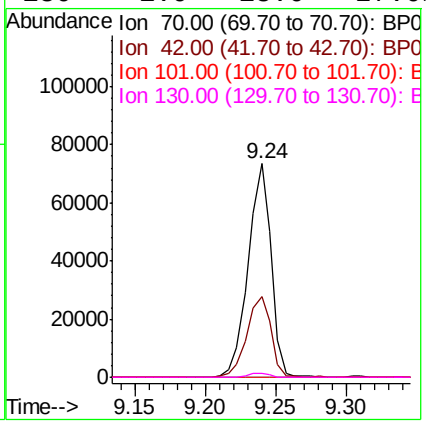


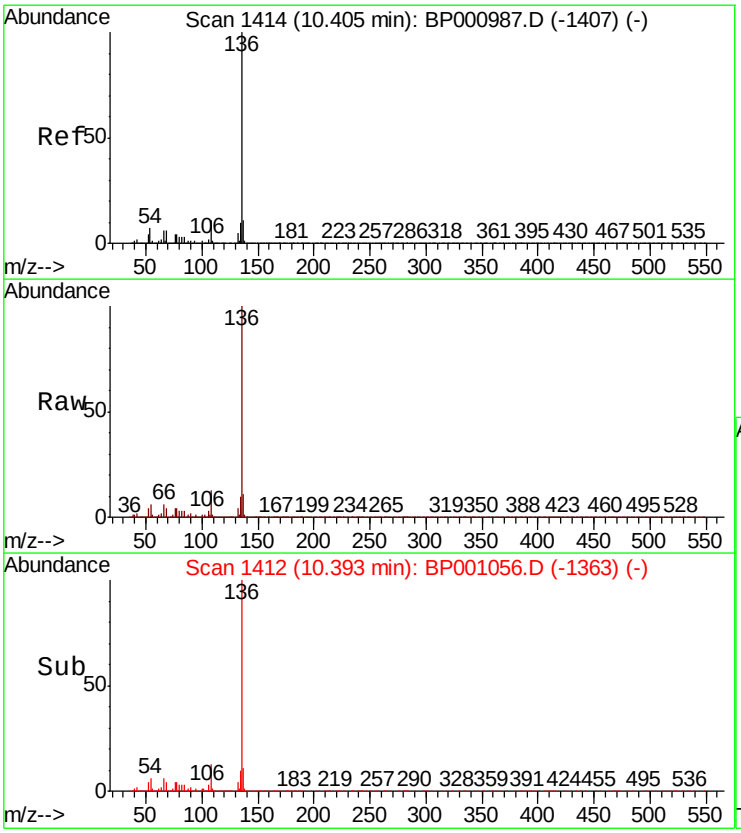
#19
n-Nitroso-di-n-propylamine
Concen: 11.390 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.20 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 83884

Ion	Ratio	Lower	Upper
70	100		
42	37.7	36.3	54.5
101	0.1	8.7	13.1#
130	1.9	18.0	27.0#

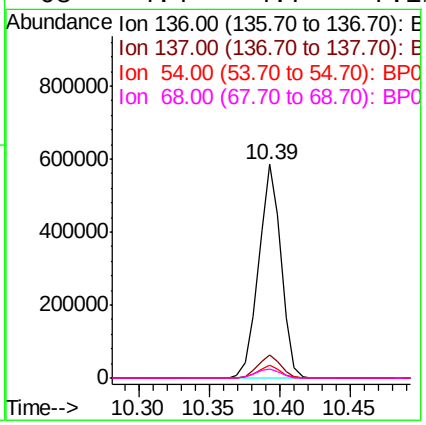


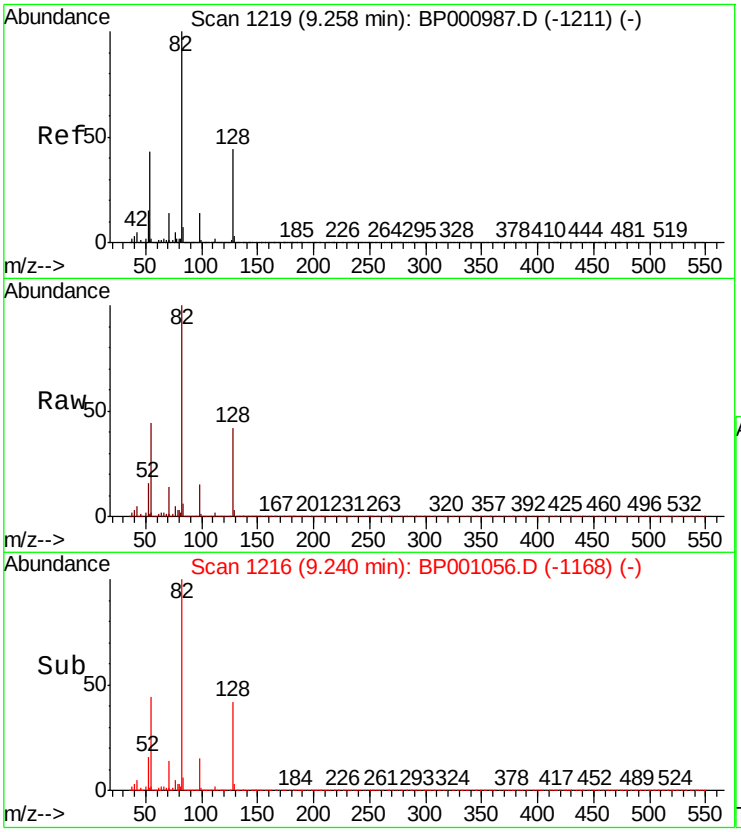


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:136 Resp: 655039

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	5.8	5.4	8.2
68	4.4	4.7	7.1#



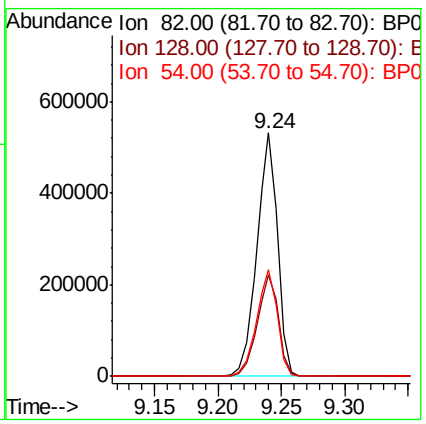


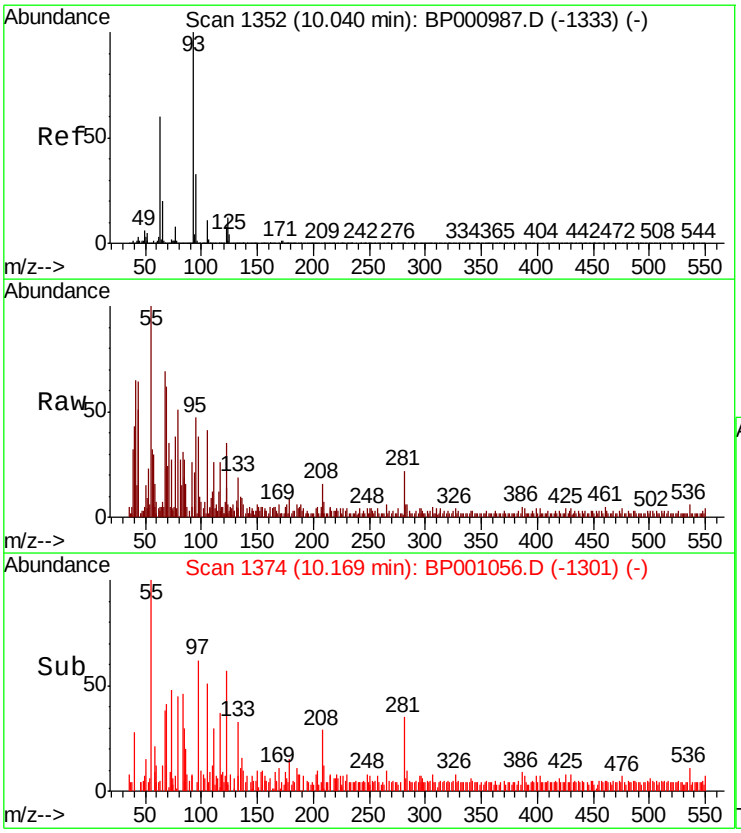
#23
Nitrobenzene-d5
Concen: 51.377 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 608390

Ion	Ratio	Lower	Upper
82	100		
128	41.6	35.3	52.9
54	44.0	34.3	51.5

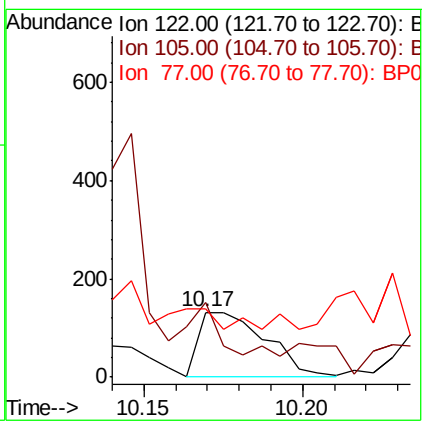


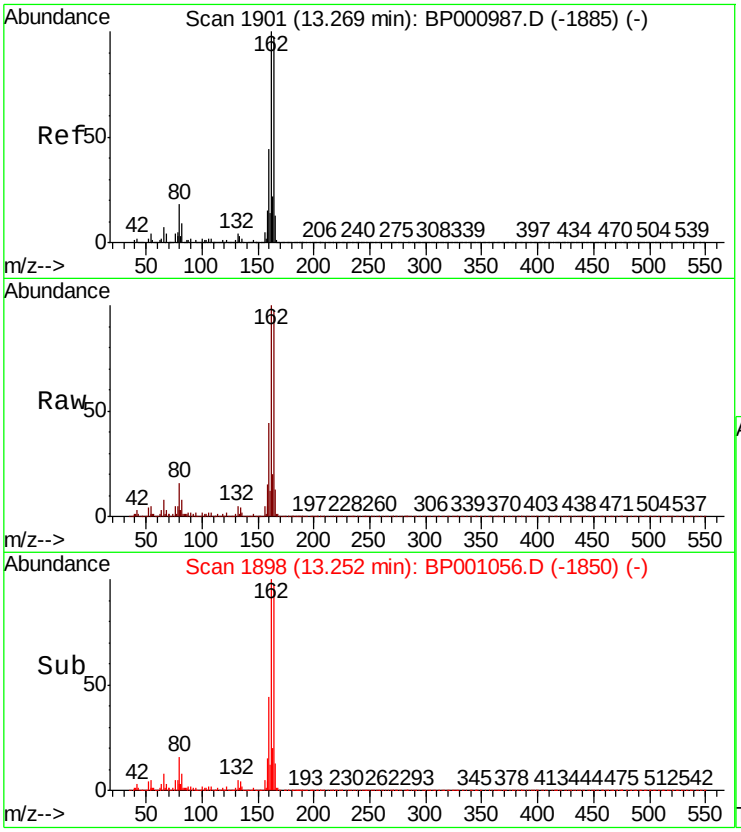


#32
Benzoic acid
Concen: 7.700 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.13 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:122 Resp: 195

Ion	Ratio	Lower	Upper
122	100		
105	114.4	110.5	150.5
77	111.4	77.9	117.9



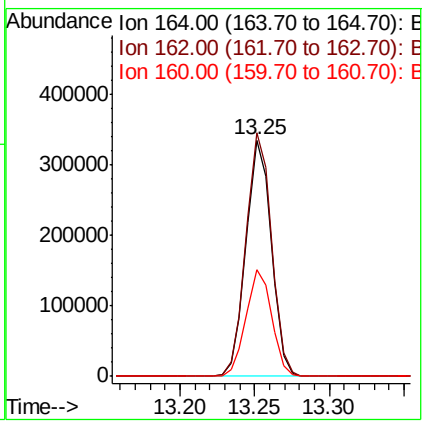


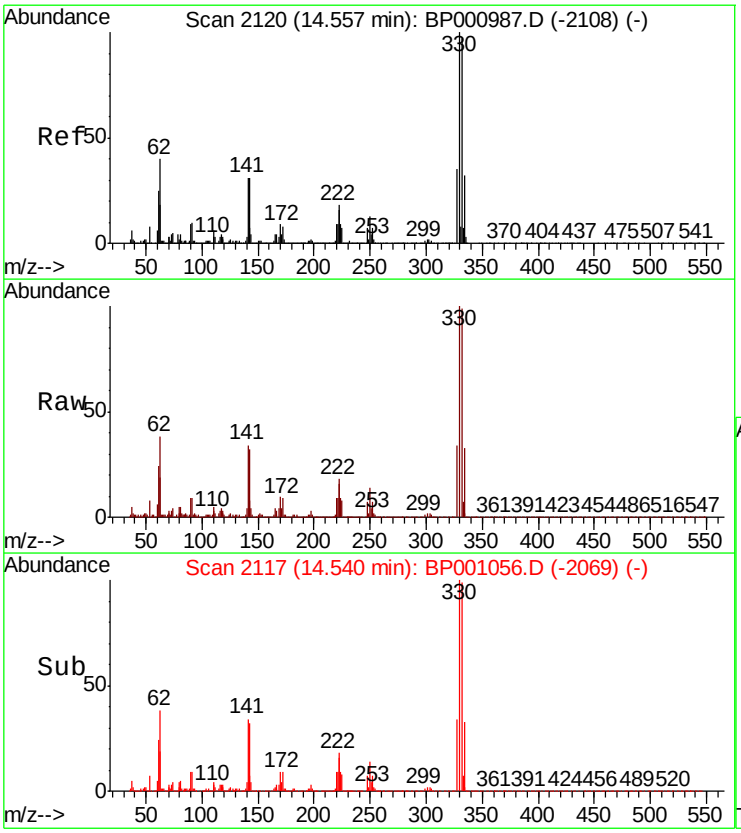
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 392594

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.0	36.5	54.7

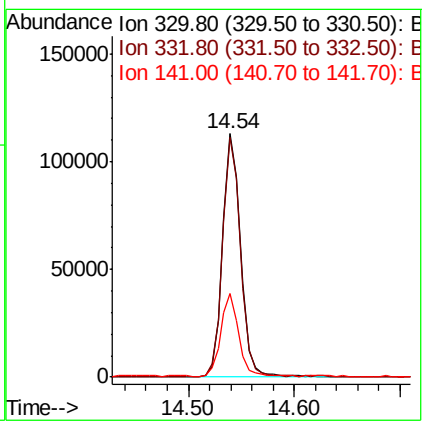


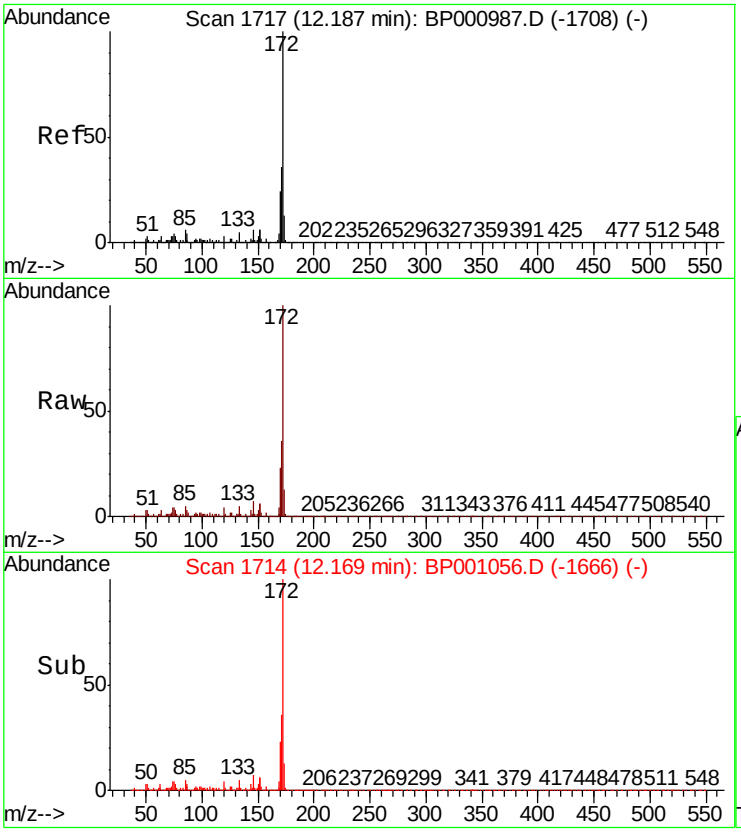


#42
2,4,6-Tribromophenol
Concen: 28.801 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:330 Resp: 134980

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.3	117.5
141	32.9	25.0	37.4



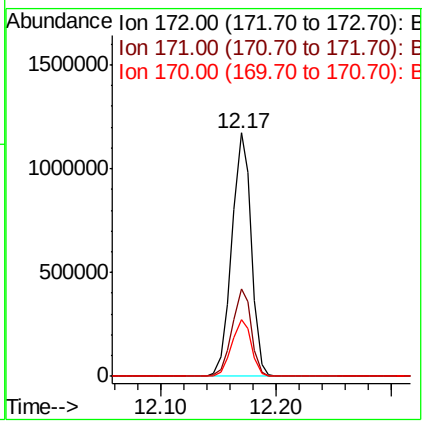


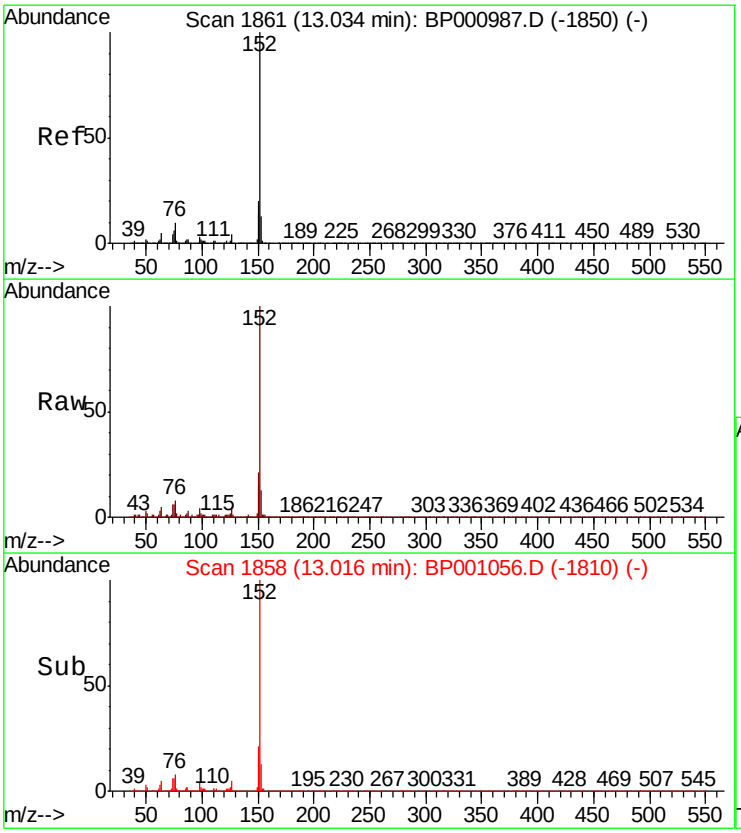
#45
2-Fluorobiphenyl
Concen: 52.342 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1364399

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.3	18.9	28.3

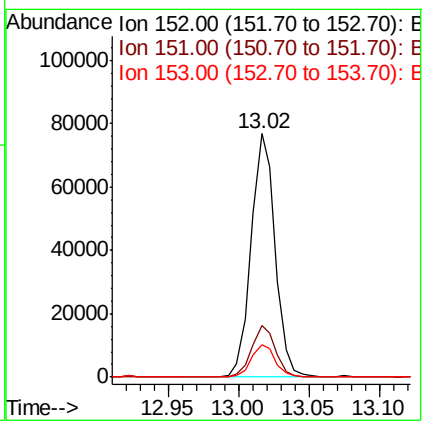


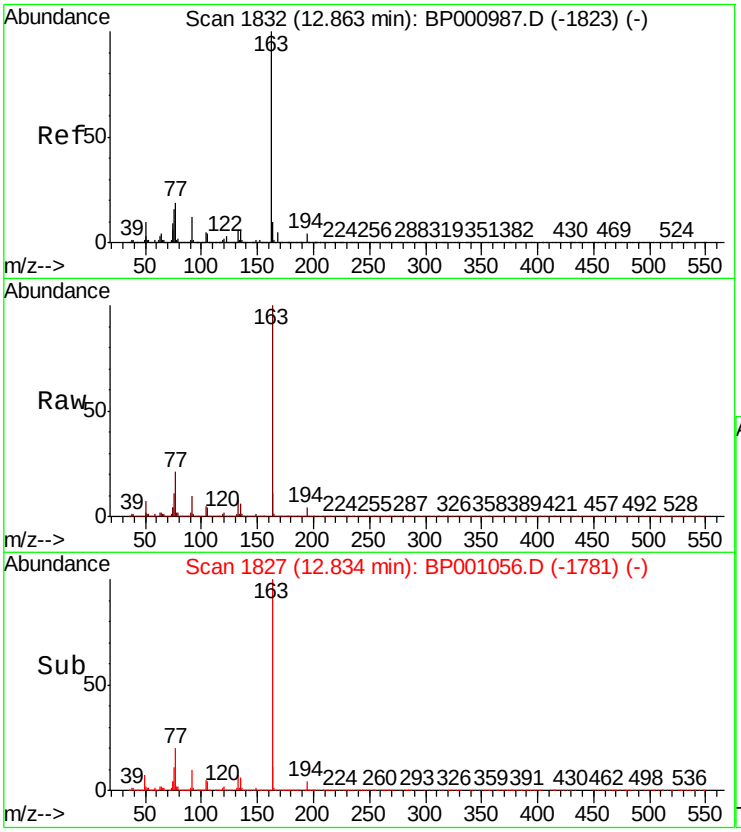


#49
Acenaphthylene
Concen: 2.558 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:152 Resp: 91890

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.0	24.0
153	13.4	10.6	16.0



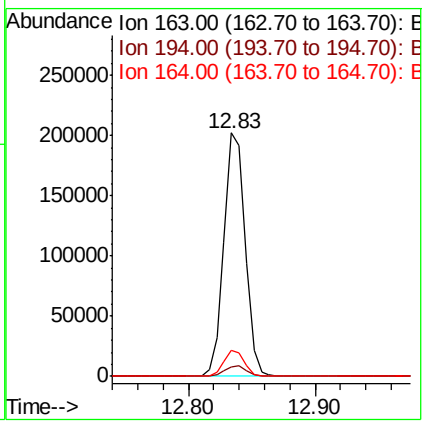


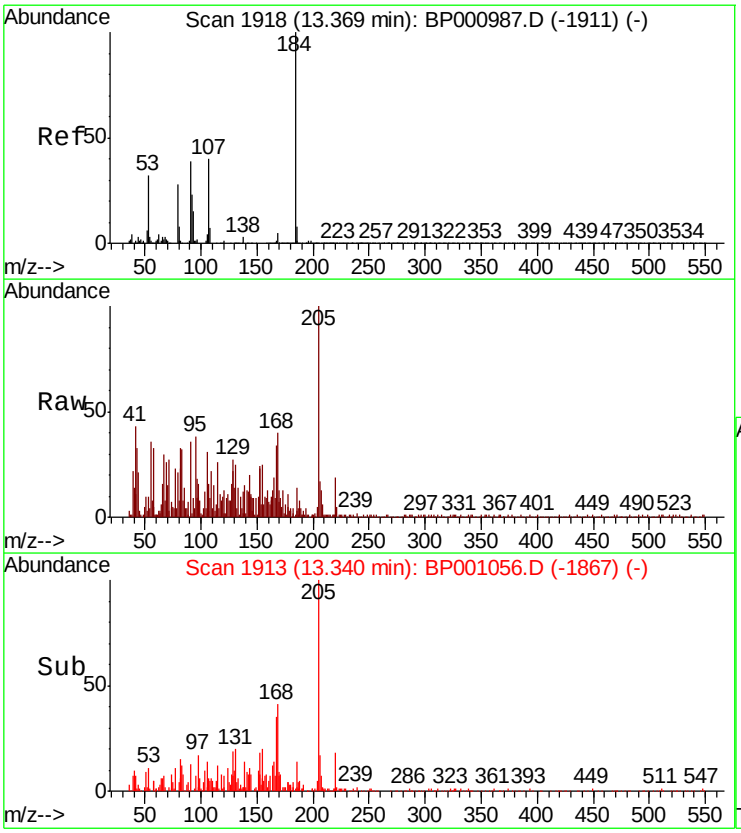
#50
Dimethylphthalate
Concen: 8.104 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 235264

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.5	7.9	11.9

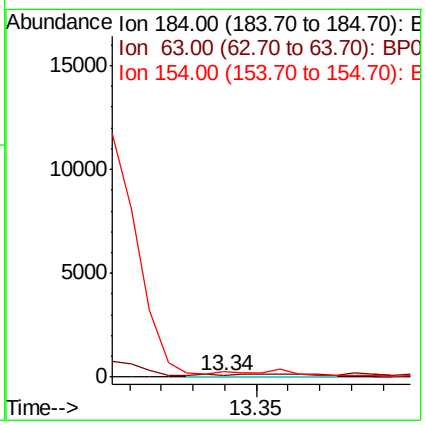


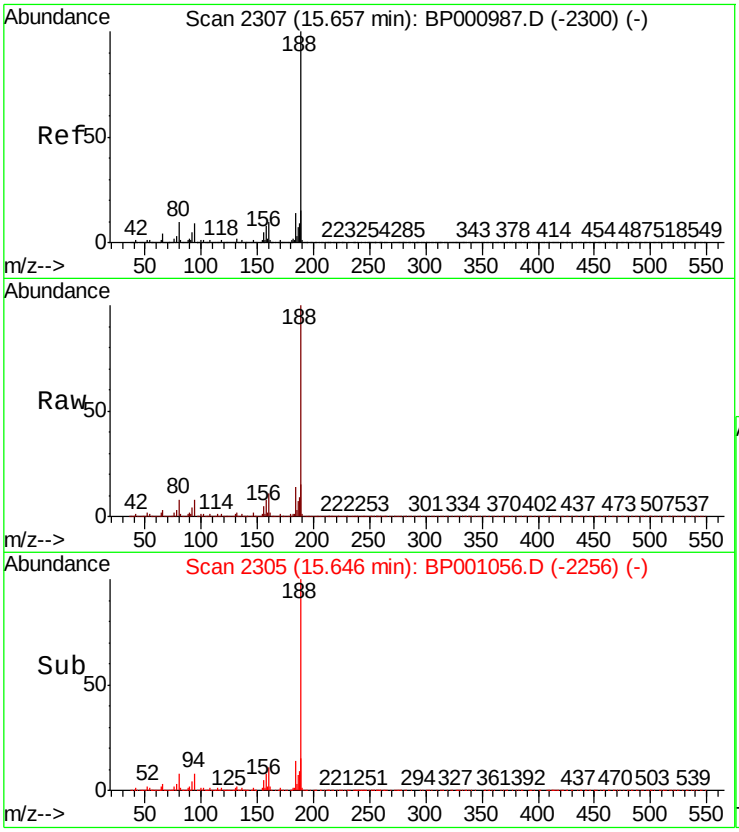


#54
2,4-Dinitrophenol
Concen: 8.323 ng
RT: 13.34 min Scan# 1913
Delta R.T. -0.03 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:184 Resp: 32

Ion	Ratio	Lower	Upper
184	100		
63	530.0	41.0	61.6#
154	1225.0	48.1	72.1#



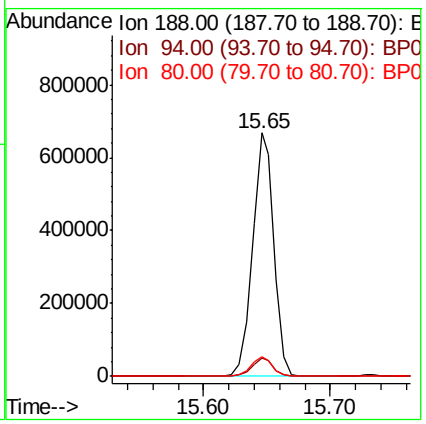


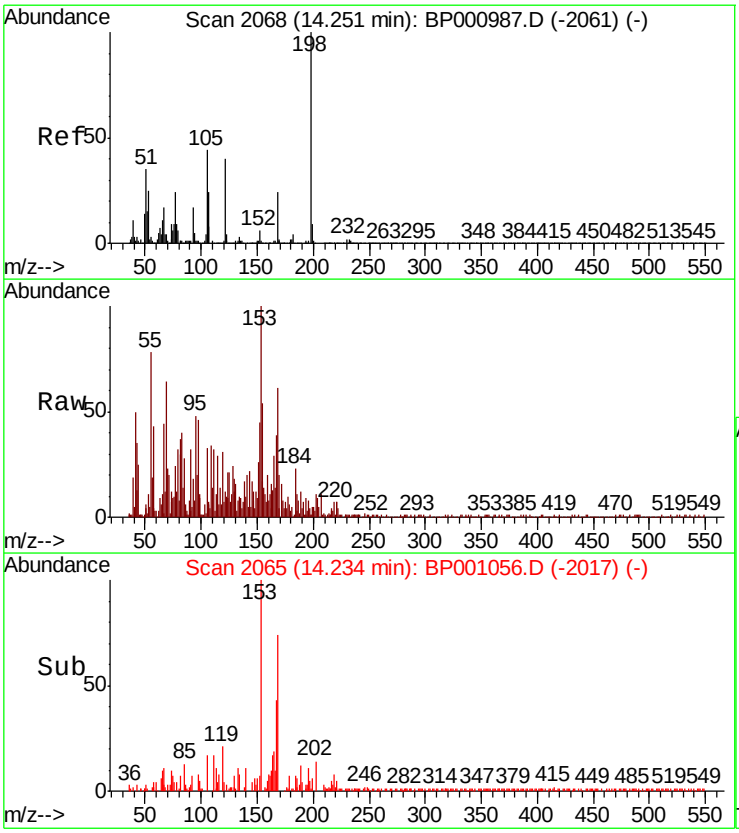
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 779226

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.4	11.2
80	7.9	7.9	11.9#

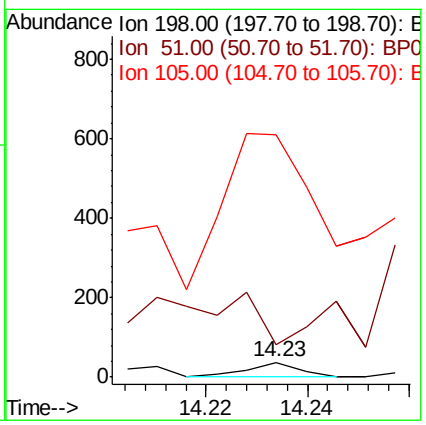


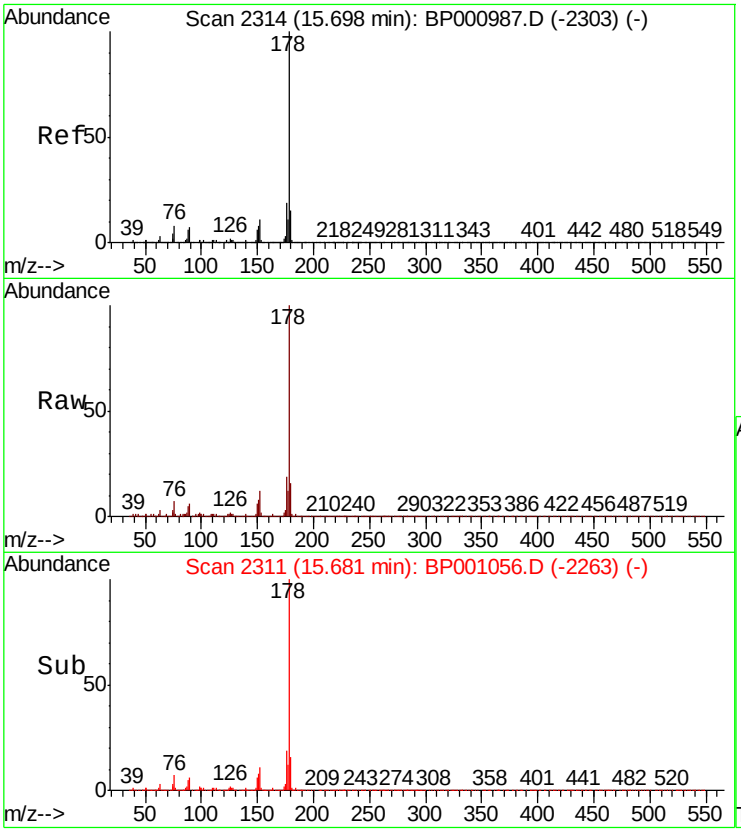


#65
4,6-Dinitro-2-methylphenol
Concen: 9.891 ng
RT: 14.23 min Scan# 2065
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:198 Resp: 28

Ion	Ratio	Lower	Upper
198	100		
51	215.8	16.0	56.0#
105	1605.3	24.9	64.9#



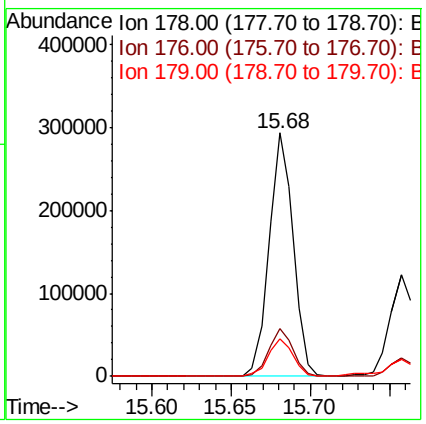


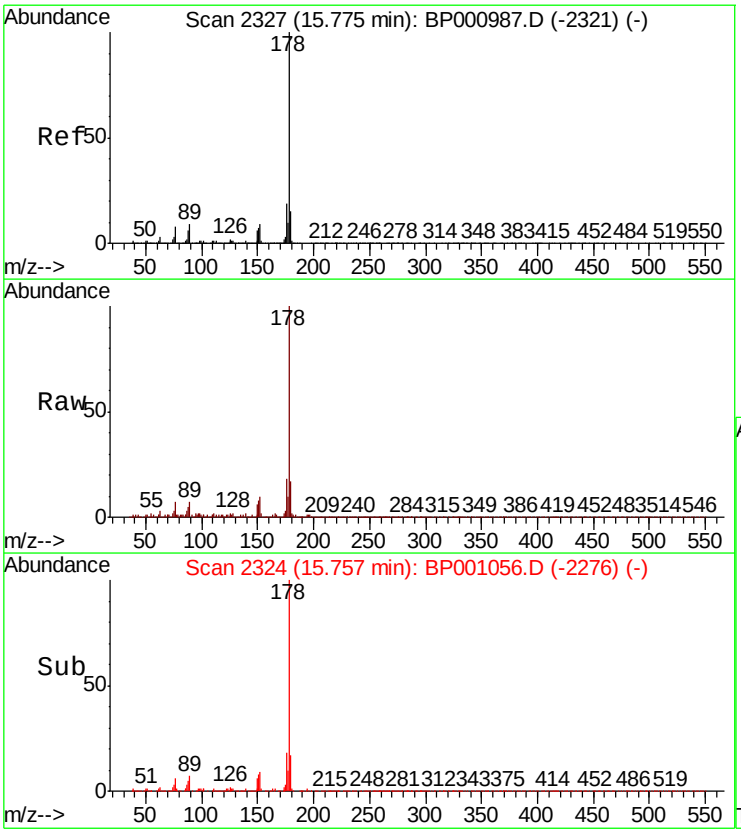
#71
Phenanthrene
Concen: 7.796 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 310909

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.3	18.5

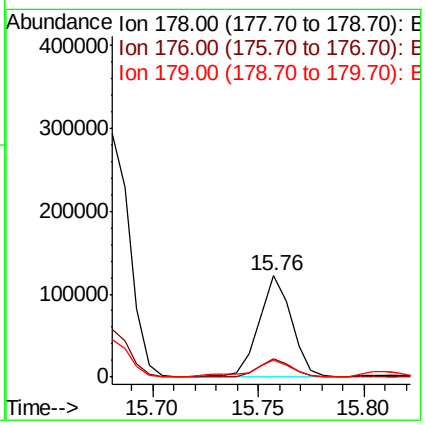


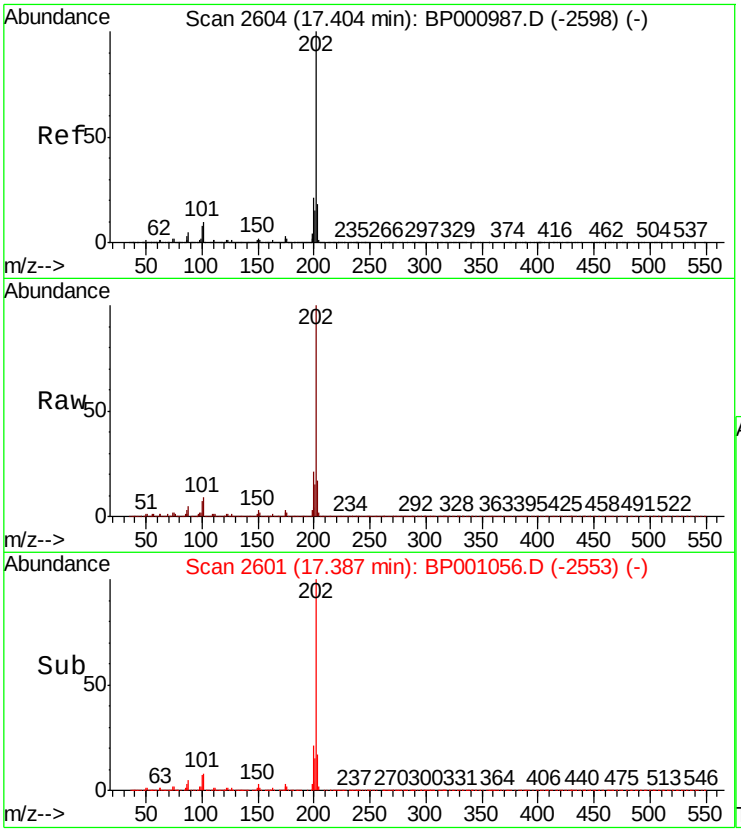


#72
Anthracene
Concen: 3.337 ng
RT: 15.76 min Scan# 2324
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:178 Resp: 129819

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	17.4	12.3	18.5



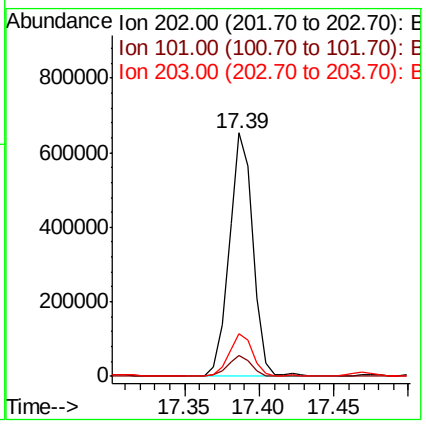


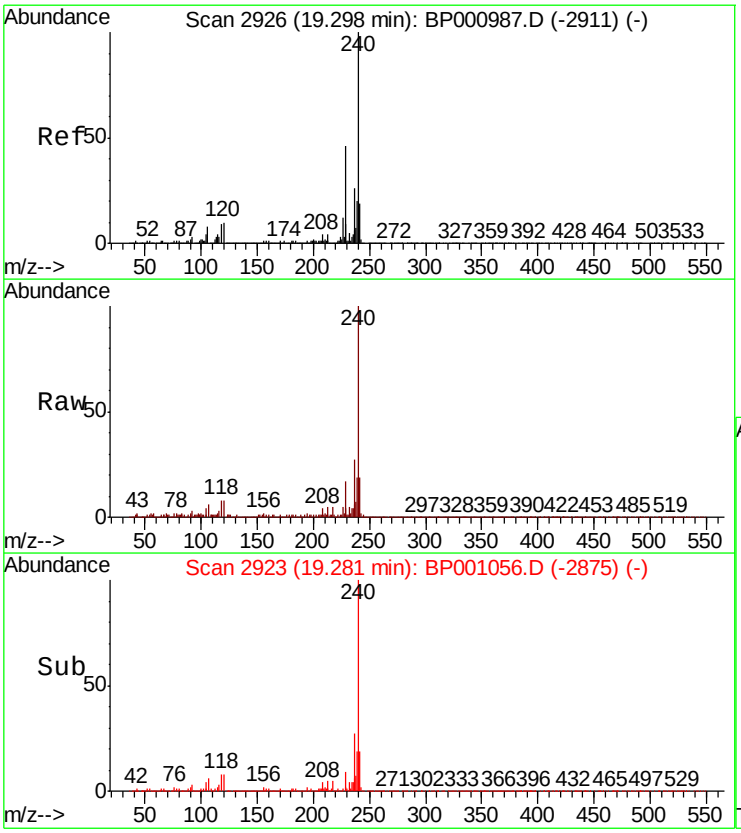
#75
Fluoranthene
Concen: 16.086 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 725116

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.1
203	17.4	0.0	37.7

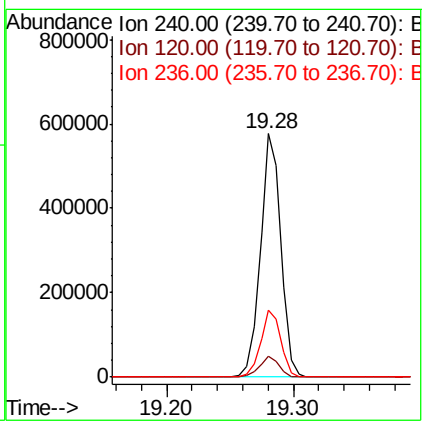


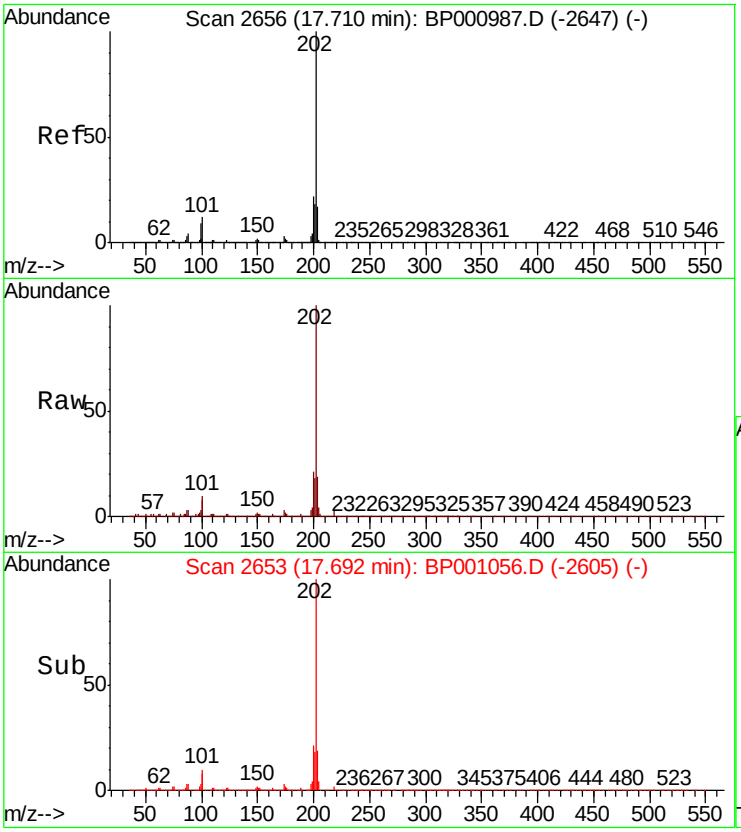


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:240 Resp: 647745

Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.2	12.2
236	27.5	20.5	30.7



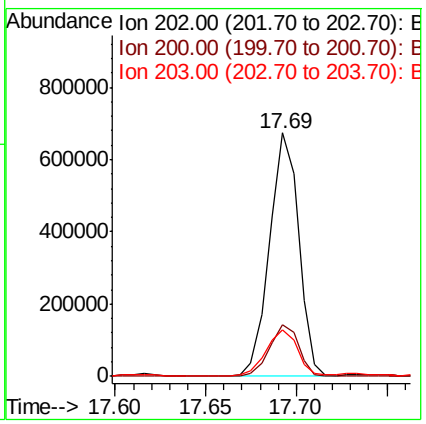


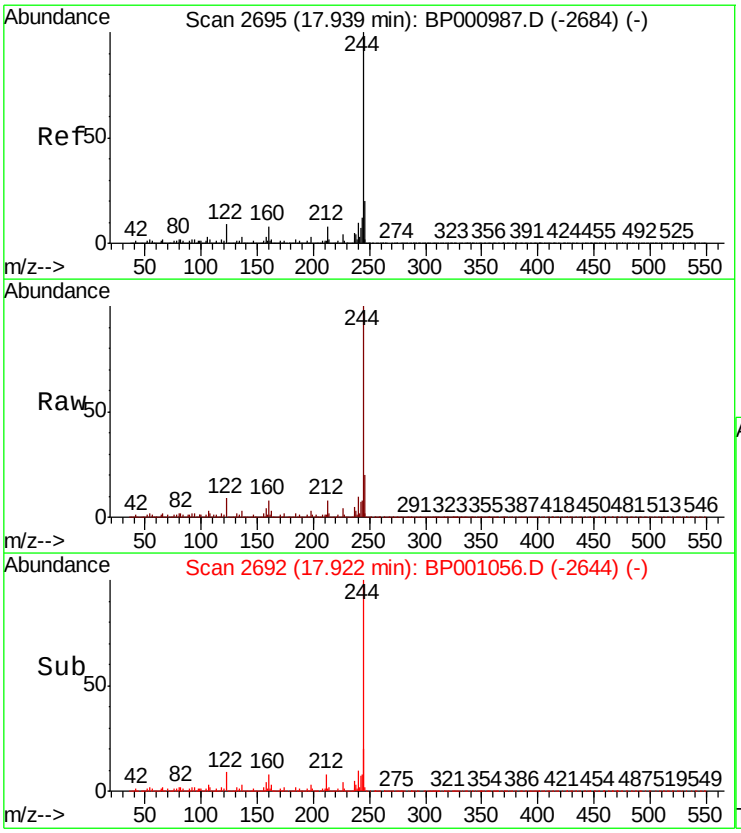
#78
Pyrene
Concen: 16.450 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 753037

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	19.0	14.0	21.0

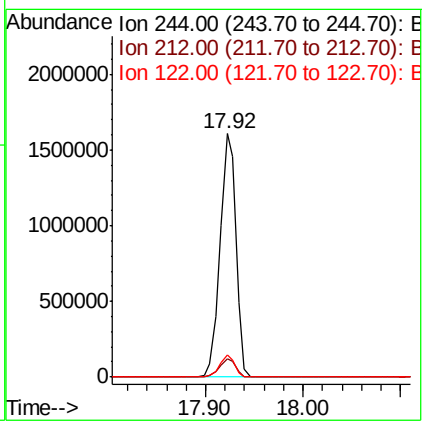


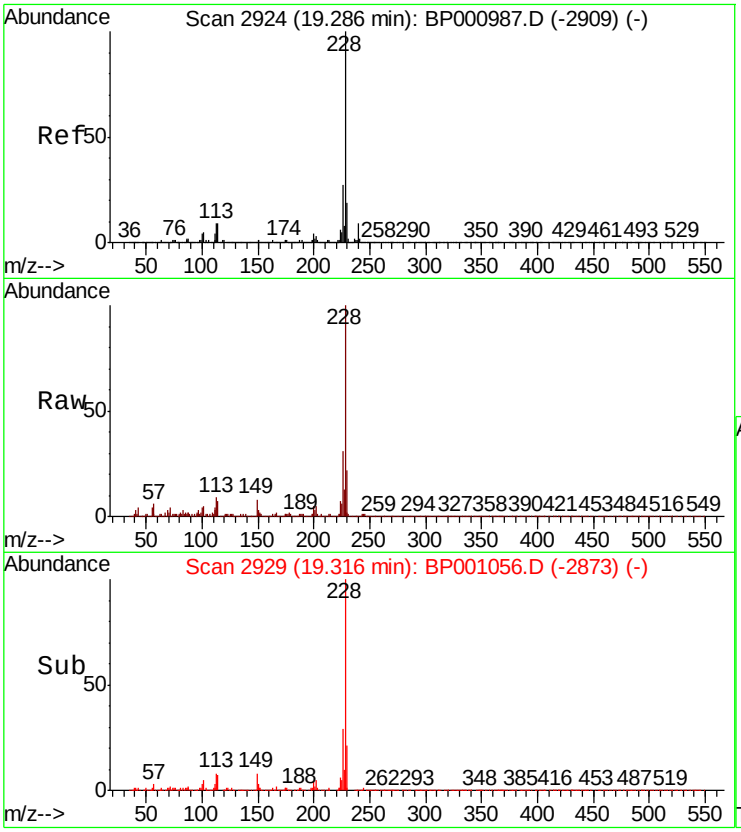


#79
Terphenyl-d14
Concen: 55.576 ng
RT: 17.92 min Scan# 2692
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:244 Resp: 1809787

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	9.0	7.4	11.2



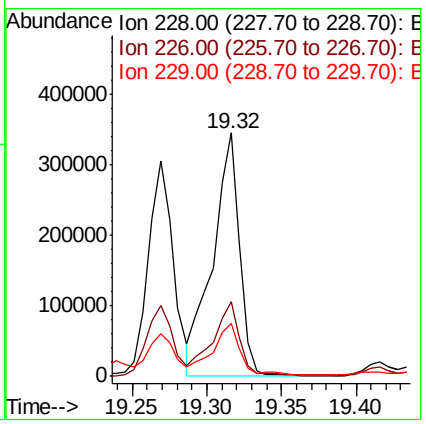


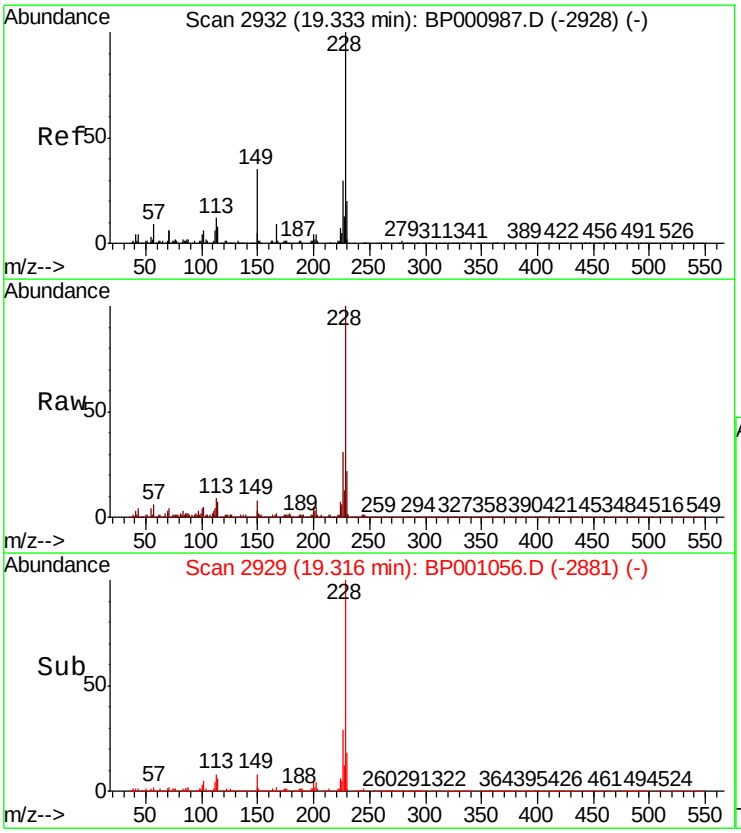
#81
Benzo(a)anthracene
Concen: 9.896 ng
RT: 19.32 min Scan# 2929
Delta R.T. 0.03 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 431725

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.8	32.8
229	21.7	15.6	23.4

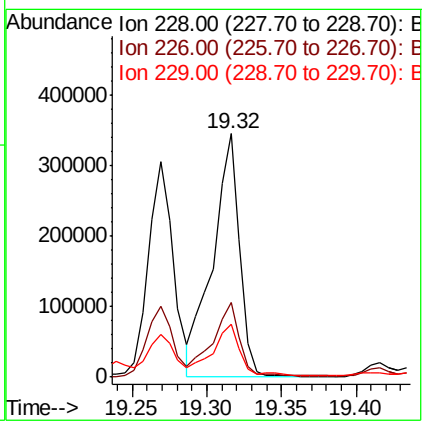


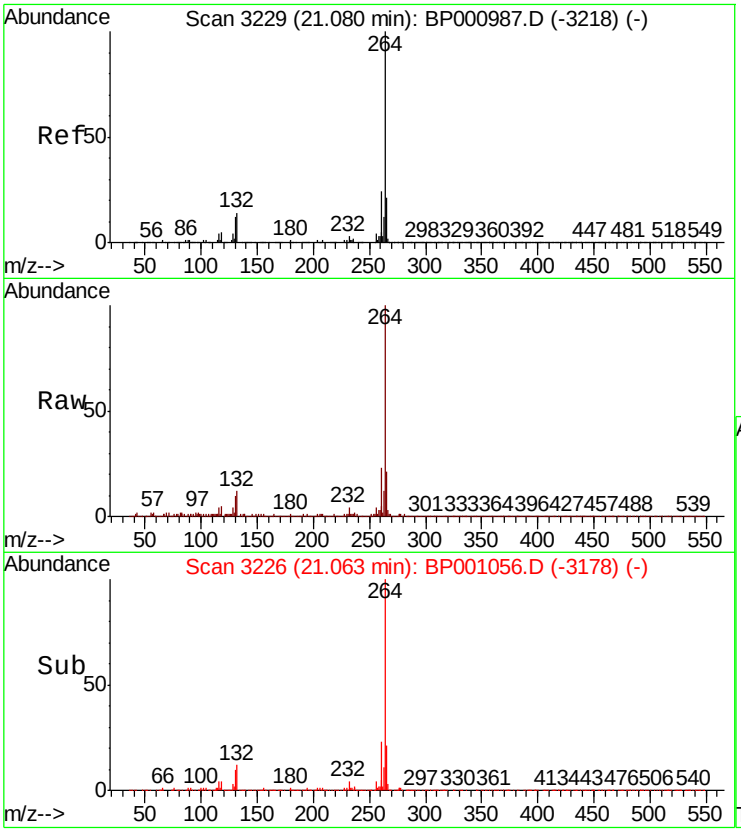


#83
Chrysene
Concen: 11.272 ng
RT: 19.32 min Scan# 2929
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:228 Resp: 431725

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	21.7	15.8	23.6



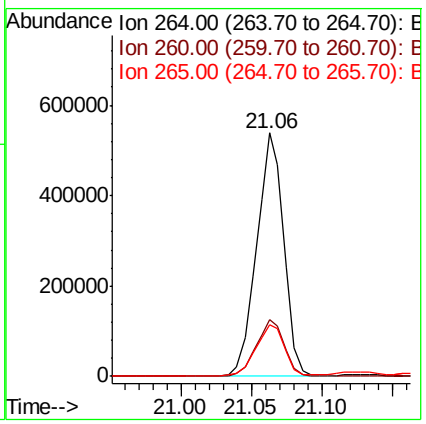


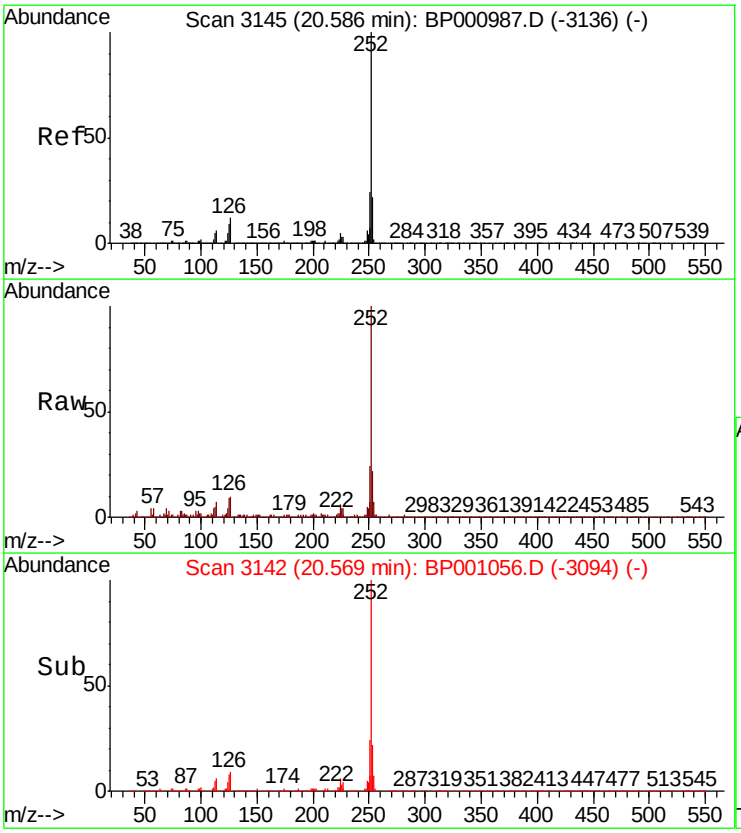
#87
Perylene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3226
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 726331

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.3	17.1	25.7

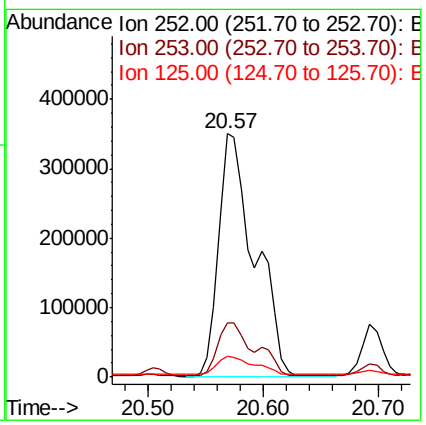


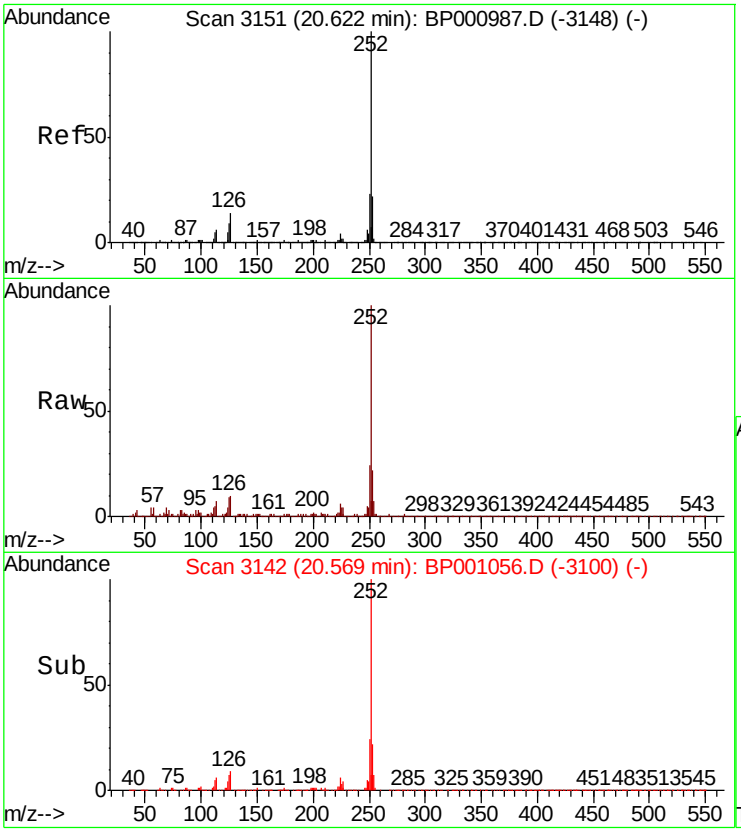


#88
Benzo(b)fluoranthene
Concen: 17.528 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:252 Resp: 758875

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.7	7.3	10.9



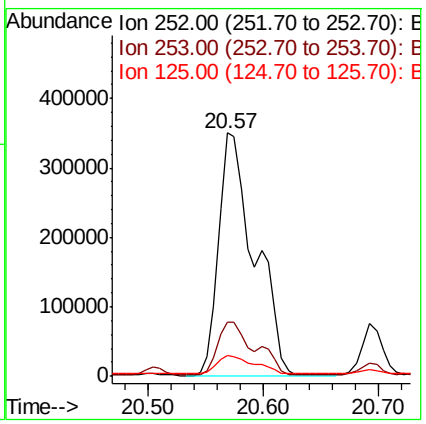


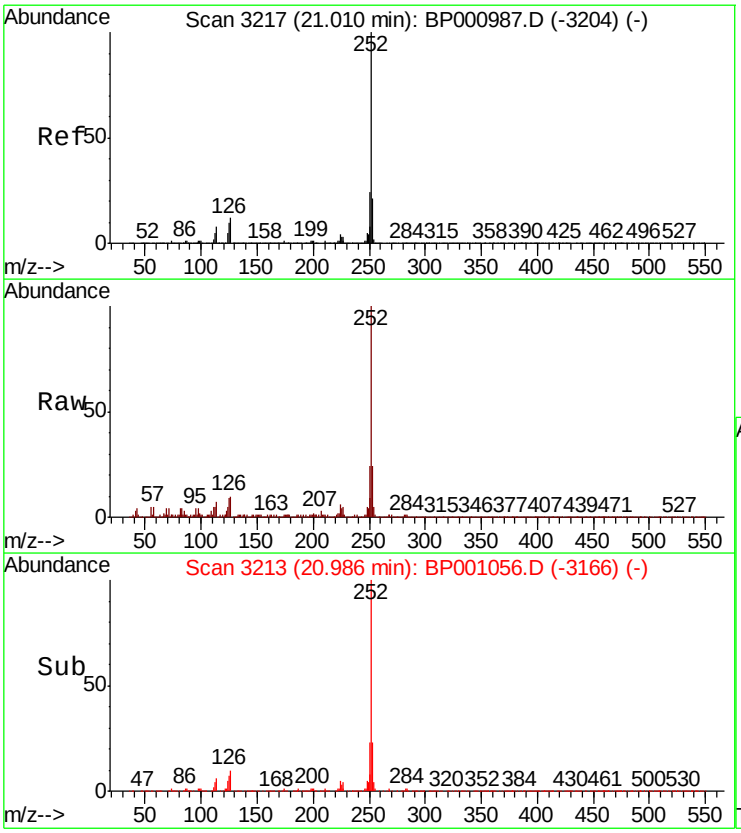
#89
Benzo(k)fluoranthene
Concen: 18.620 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.05 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 758875

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	8.7	7.3	10.9

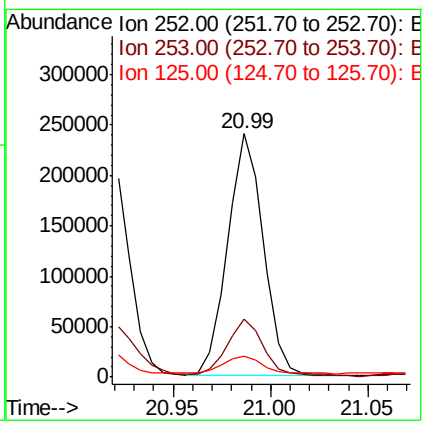


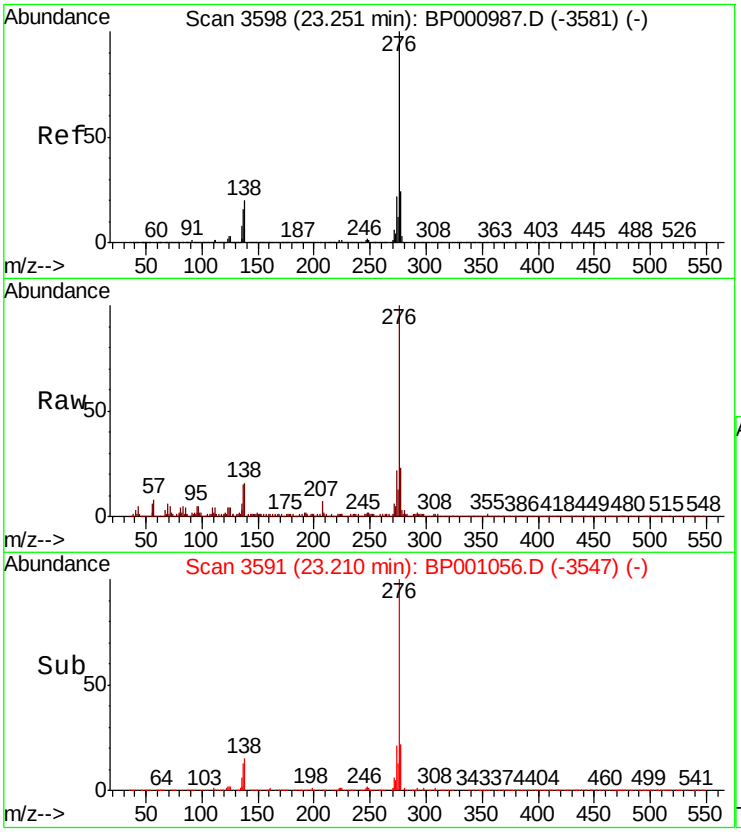


#90
Benzo(a)pyrene
Concen: 7.581 ng
RT: 20.99 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Tgt Ion:252 Resp: 301813

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	8.7	7.6	11.4





#92
Benzo(g,h,i)perylene
Concen: 5.657 ng
RT: 23.21 min Scan# 3591
Delta R.T. -0.04 min
Lab File: BP001056.D
Acq: 15 Nov 2019 23:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 231458

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.4
138	16.1	15.7	23.5