Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001130.D
Acq On : 02 Dec 2019 17:14
Operator : JU
Sample : K6022-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 02 17:45:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	166731	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	638179	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	342314	20.00	ng		0.00
64) Phenanthrene-d10	15.62	188	590938	20.00	ng		0.00
76) Chrysene-d12	19.27	240	423756	20.00	ng		0.00
87) Perylene-d12	21.05	264	463403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	1035209	103.01	ng		0.00
7) Phenol-d6	7.77	99	1452177	108.46	ng		0.00
23) Nitrobenzene-d5	9.21	82	951897	64.71	ng		0.00
42) 2,4,6-Tribromophenol	14.52	330	286890	87.44	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1473724	63.01	ng		0.00
79) Terphenyl-d14	17.91	244	1388271	60.61	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.63	77	322	Below Cal		#	36
19) n-Nitroso-di-n-propylamine	9.21	70	132942	13.761	ng	#	79
50) Dimethylphthalate	12.81	163	253709	9.910	ng		100
54) 2,4-Dinitrophenol	13.32	184	10	7.113	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.10	198	25	6.285	ng	#	15
71) Phenanthrene	15.66	178	150309	4.838	ng		99
75) Fluoranthene	17.37	202	221660	6.739	ng		99
78) Pyrene	17.67	202	197053	5.904	ng		97
81) Benzo(a)anthracene	19.26	228	96328	3.279	ng		93
83) Chrysene	19.30	228	91489	3.477	ng		97
88) Benzo(b)fluoranthene	20.56	252	140883	4.977	ng	#	95
89) Benzo(k)fluoranthene	20.56	252	140883	5.168	ng	#	94
90) Benzo(a)pyrene	20.97	252	79888	3.064	ng		99

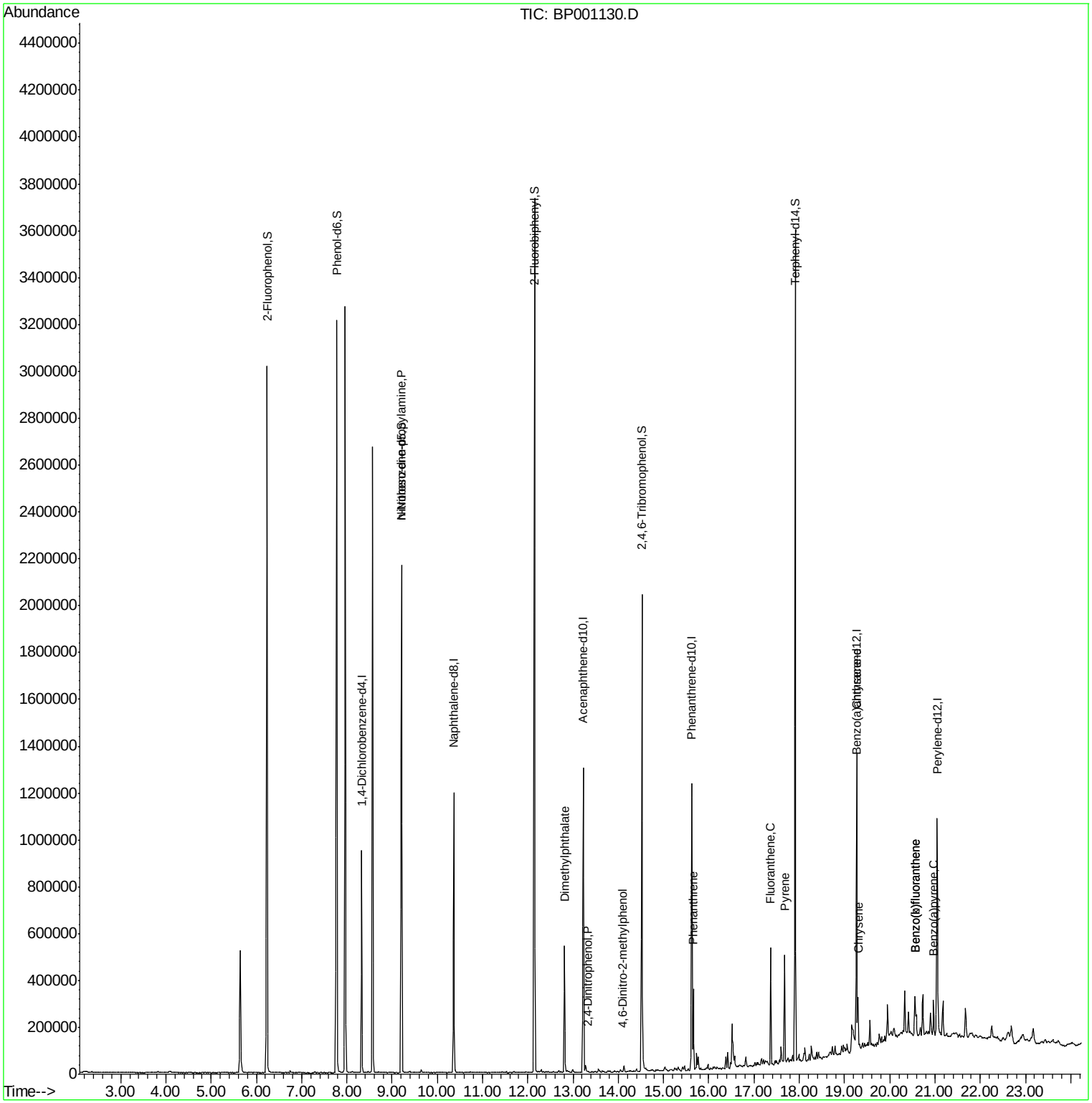
(#) = qualifier out of range (m) = manual integration (+) = signals summed

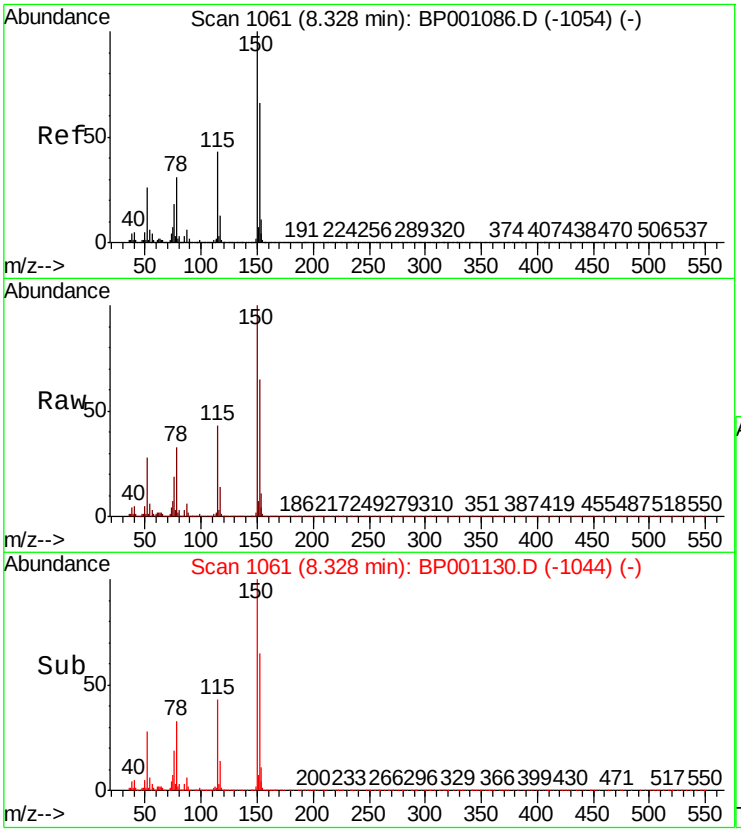
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001130.D
Acq On : 02 Dec 2019 17:14
Operator : JU
Sample : K6022-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 02 17:45:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration



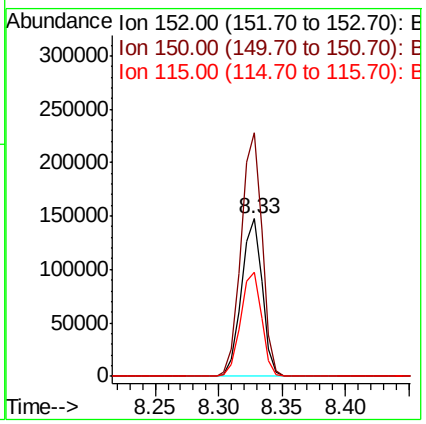


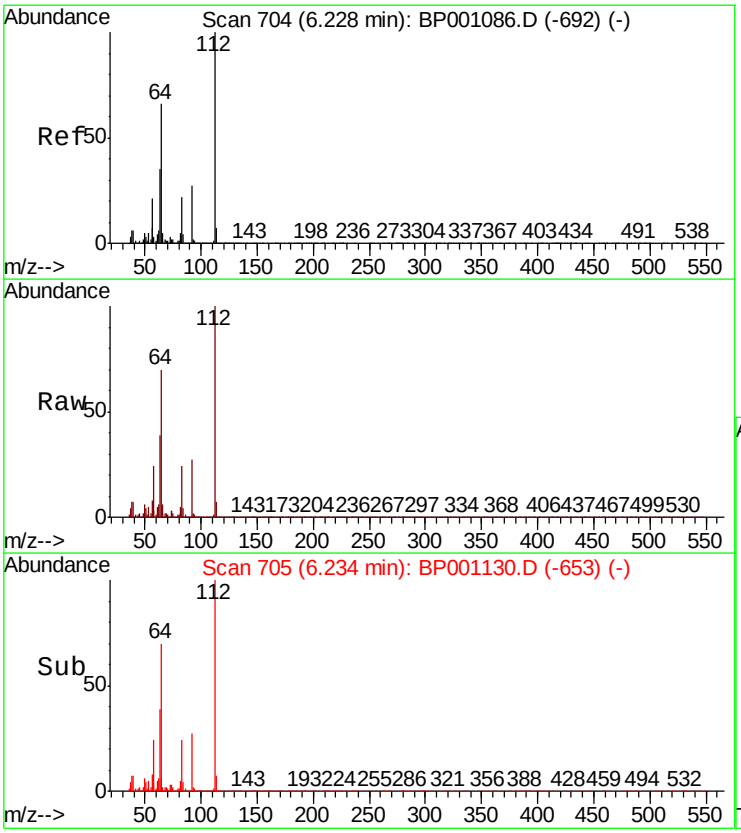
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 166731

Ion	Ratio	Lower	Upper
152	100		
150	154.4	120.6	181.0
115	66.0	51.6	77.4

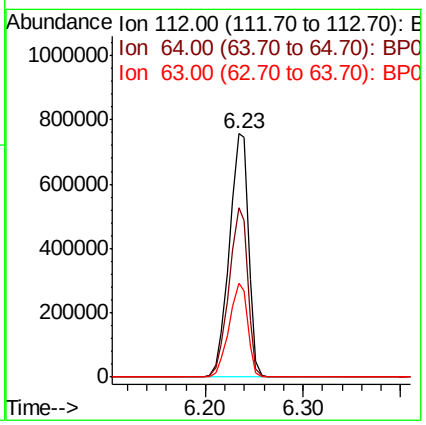


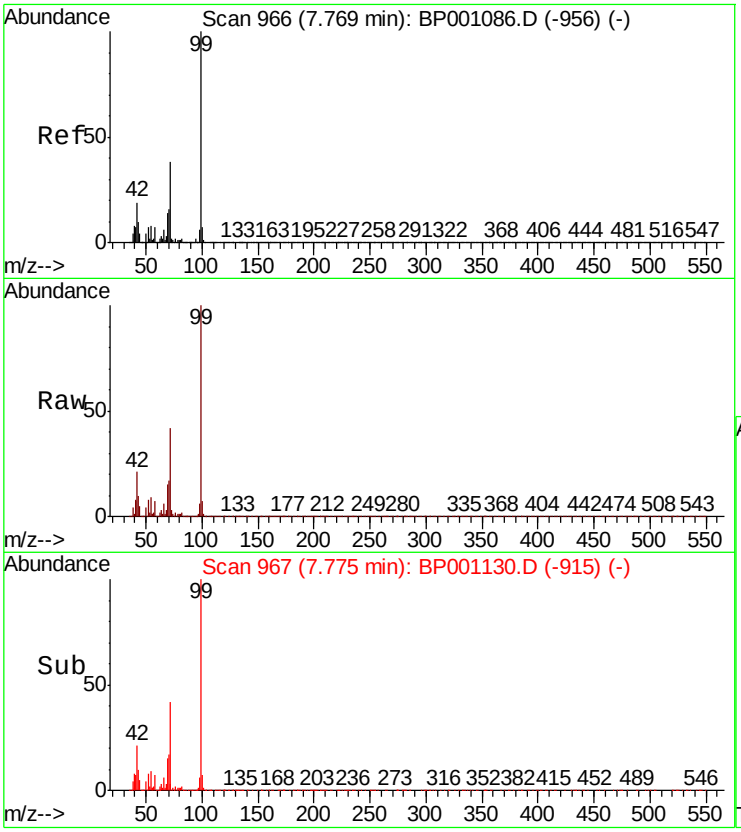


#5
2-Fluorophenol
Concen: 103.010 ng
RT: 6.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:112 Resp: 1035209

Ion	Ratio	Lower	Upper
112	100		
64	69.7	52.8	79.2
63	38.6	28.2	42.2



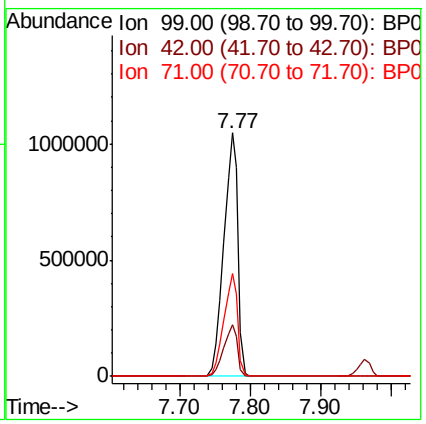


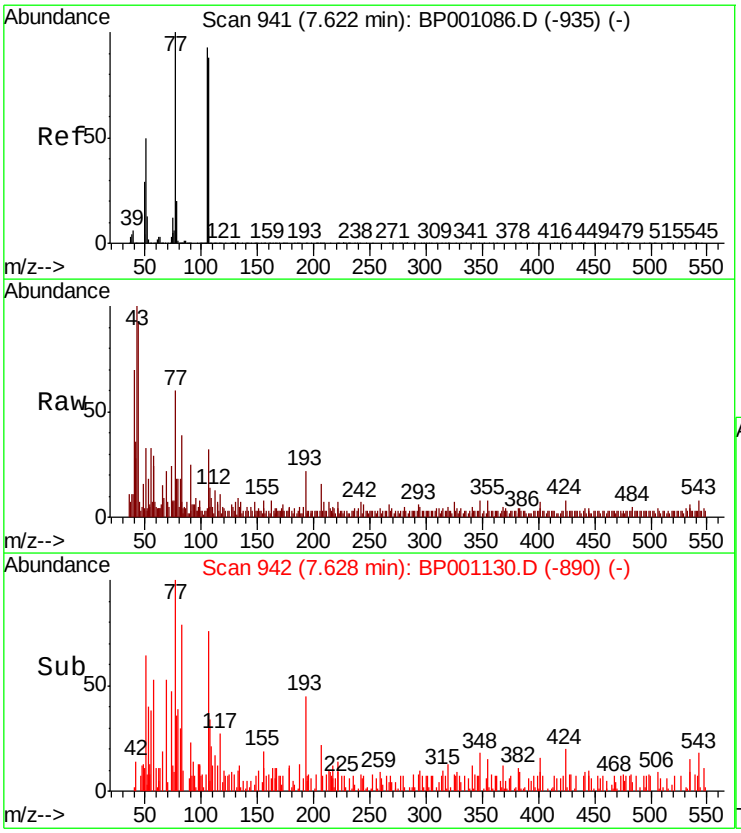
#7
Phenol-d6
Concen: 108.464 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1452177

Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.4	23.0
71	42.3	30.8	46.2

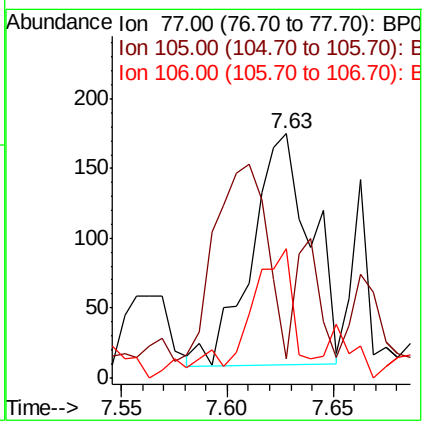


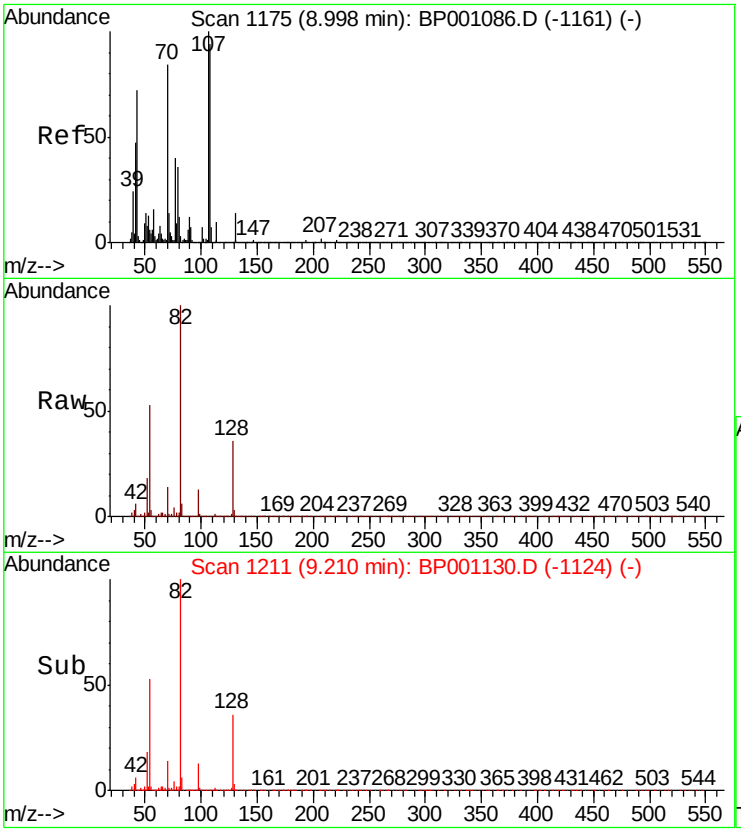


#9
Benzaldehyde
Concen: Below Cal
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion: 77 Resp: 322

Ion	Ratio	Lower	Upper
77	100		
105	7.4	72.5	112.5#
106	52.6	67.6	107.6#



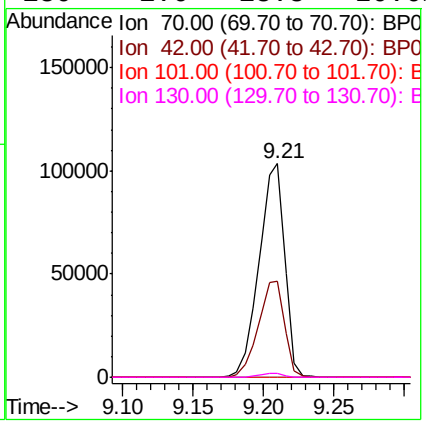


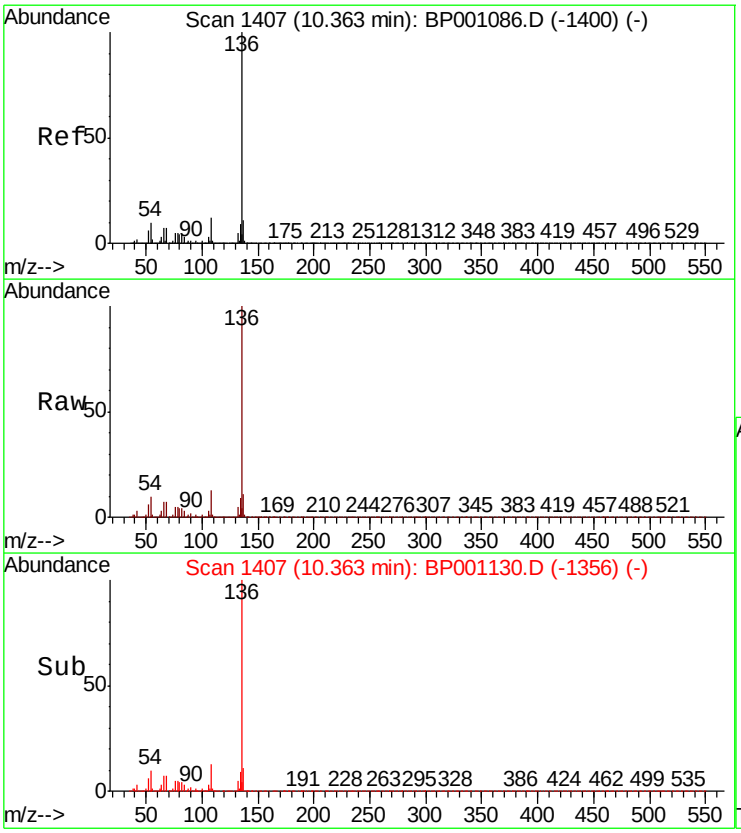
#19
n-Nitroso-di-n-propylamine
Concen: 13.761 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 132942

Ion	Ratio	Lower	Upper
70	100		
42	44.7	44.6	66.8
101	0.0	7.1	10.7#
130	1.6	13.8	20.6#

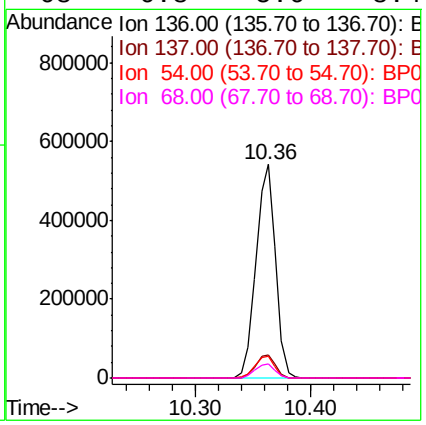


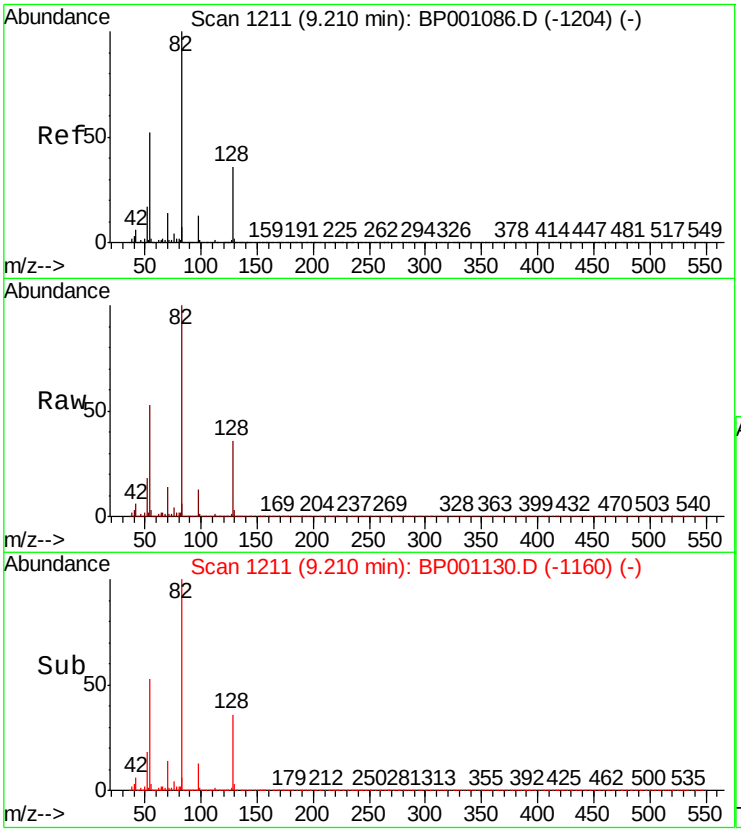


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:136 Resp: 638179

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.9	7.9	11.9
68	6.8	5.6	8.4



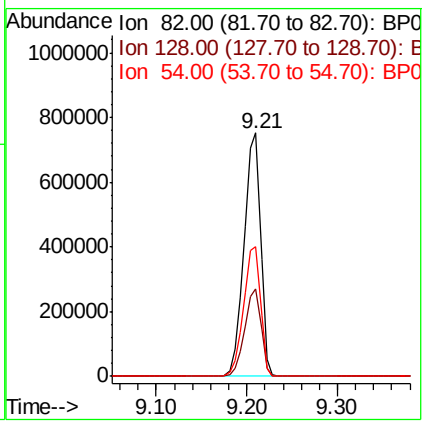


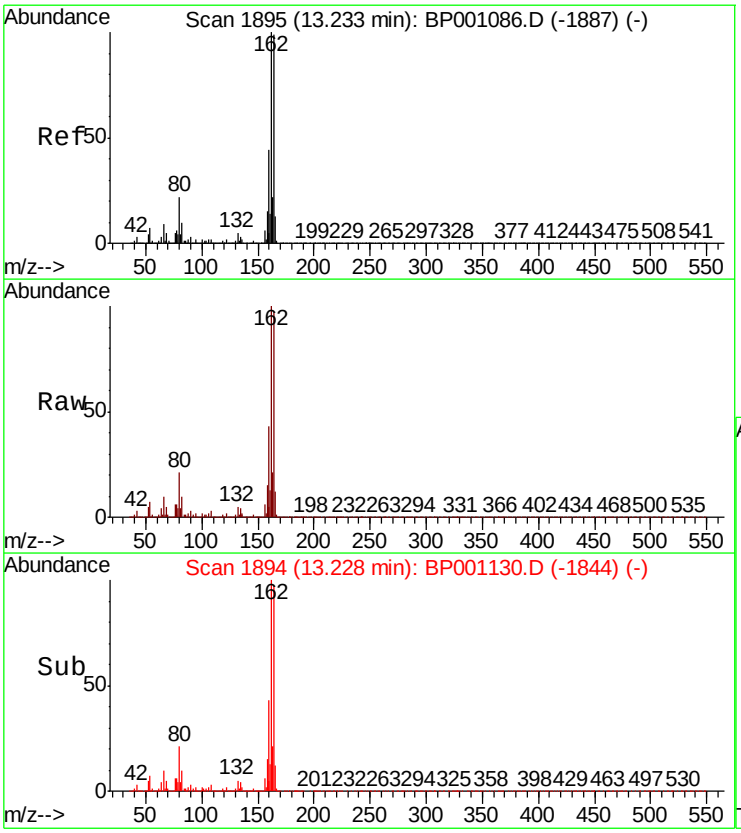
#23
Nitrobenzene-d5
Concen: 64.714 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 951897

Ion	Ratio	Lower	Upper
82	100		
128	36.0	28.9	43.3
54	53.1	41.9	62.9

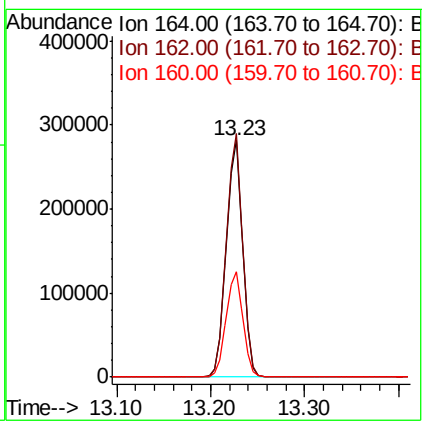


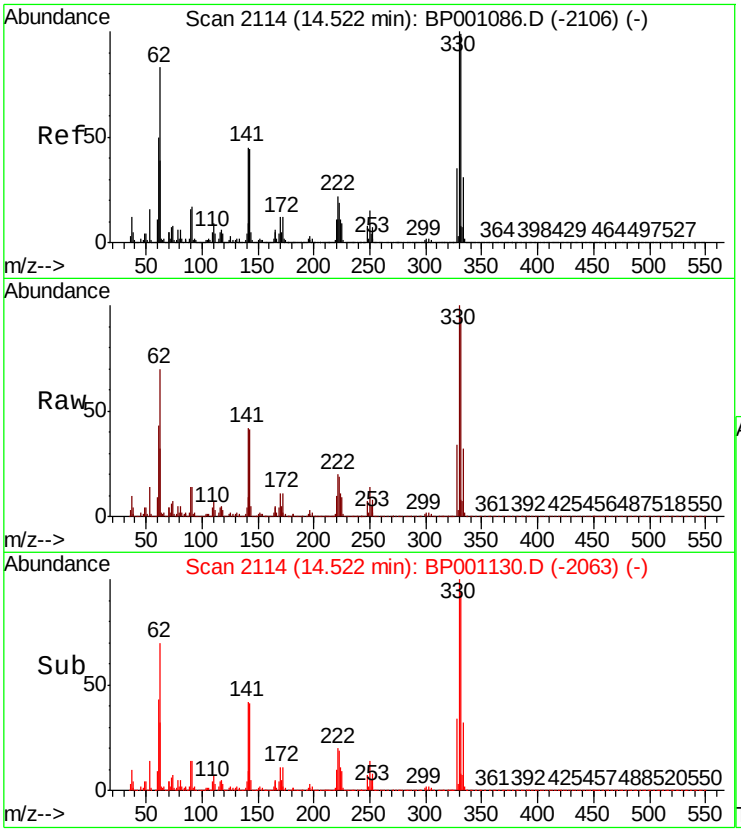


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:164 Resp: 342314

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	44.4	35.4	53.2



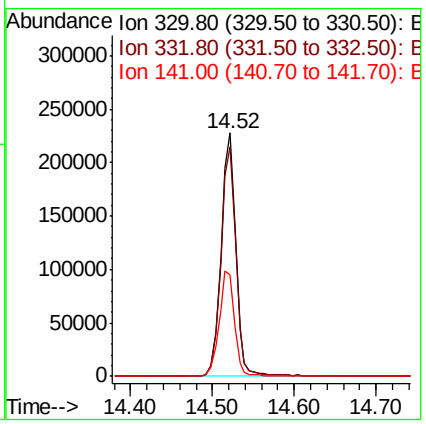


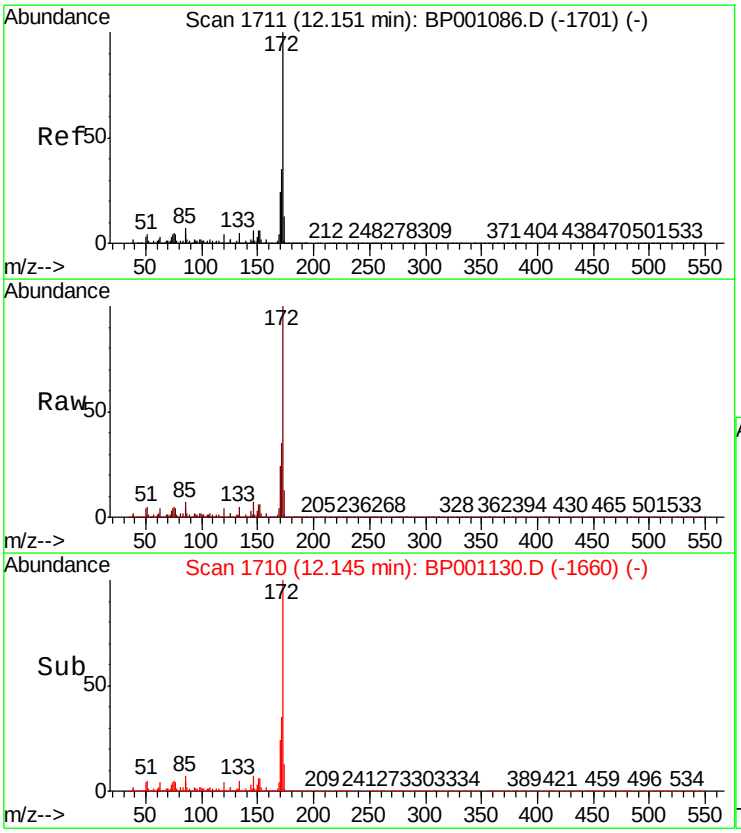
#42
2,4,6-Tribromophenol
Concen: 87.438 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 286890

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	44.8	34.2	51.2

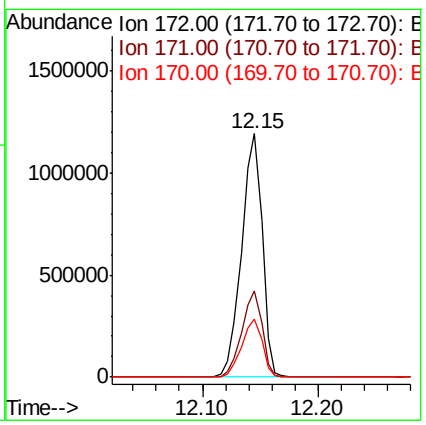


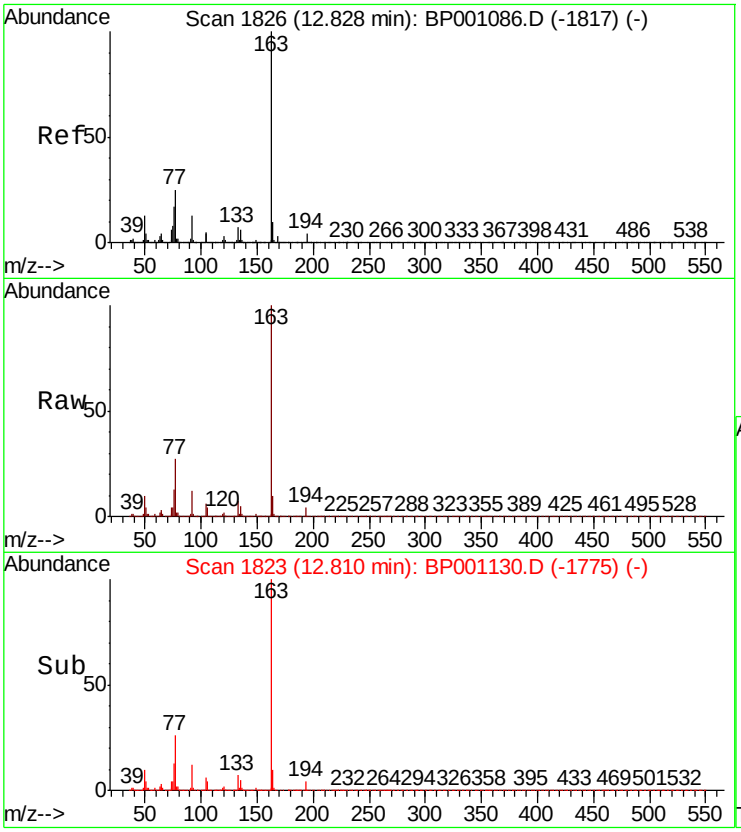


#45
2-Fluorobiphenyl
Concen: 63.010 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:172 Resp: 1473724

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.8	19.0	28.4



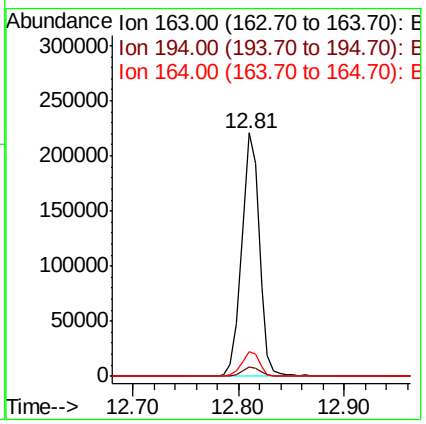


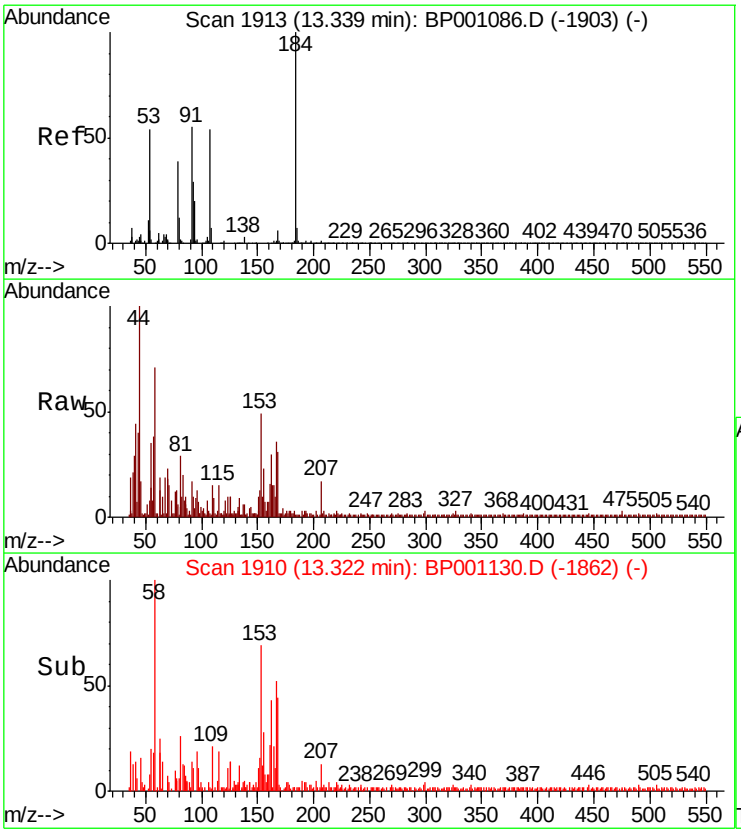
#50
Dimethylphthalate
Concen: 9.910 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 253709

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.1	8.1	12.1

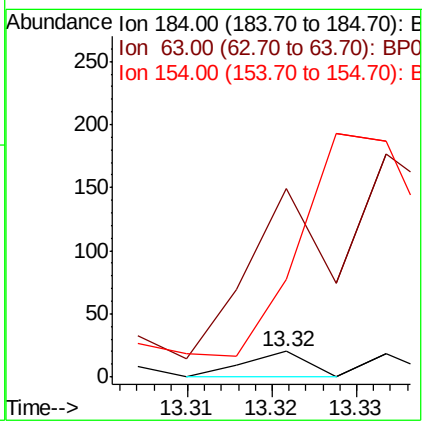


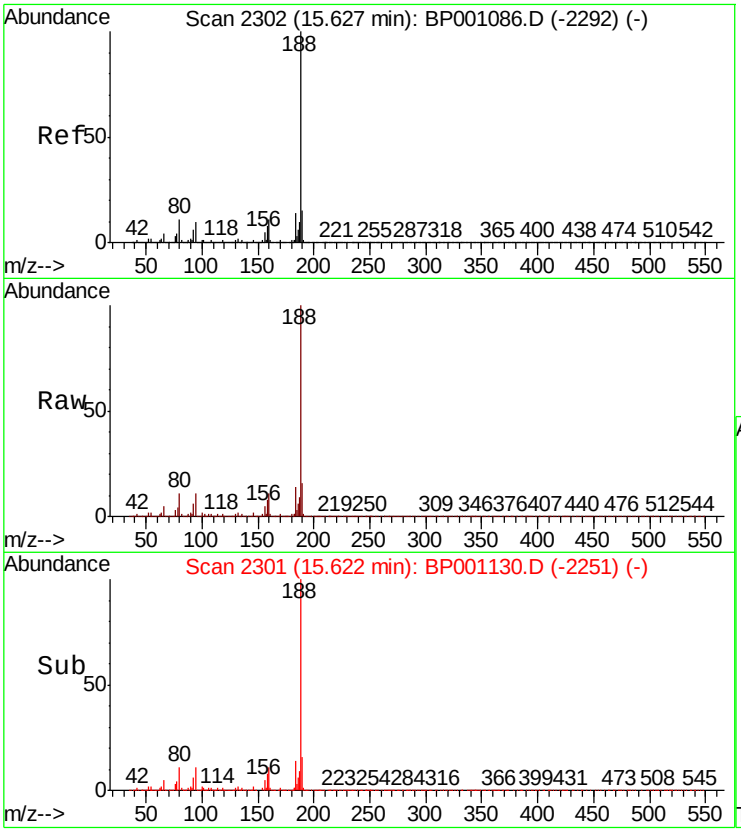


#54
2,4-Dinitrophenol
Concen: 7.113 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:184 Resp: 10

Ion	Ratio	Lower	Upper
184	100		
63	745.0	60.7	91.1#
154	385.0	56.2	84.2#



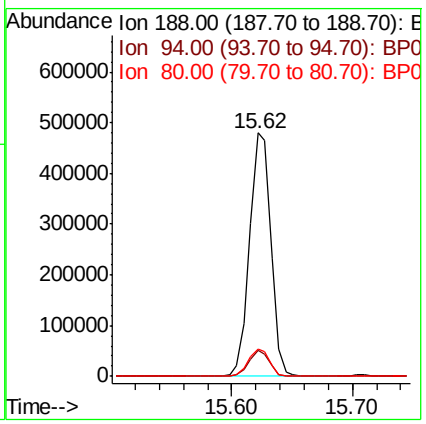


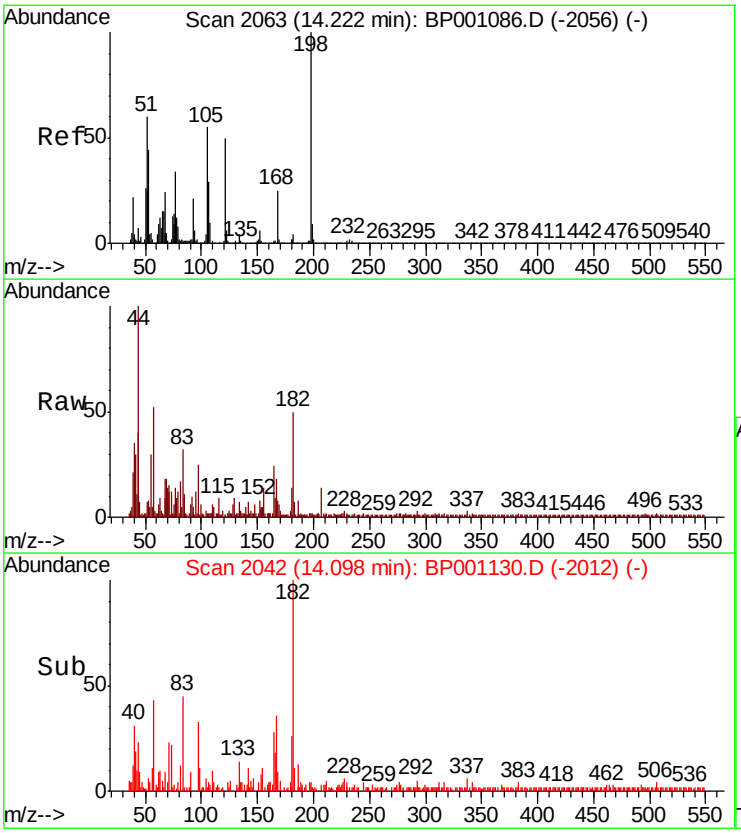
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 590938

Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.9	11.9
80	11.3	8.8	13.2

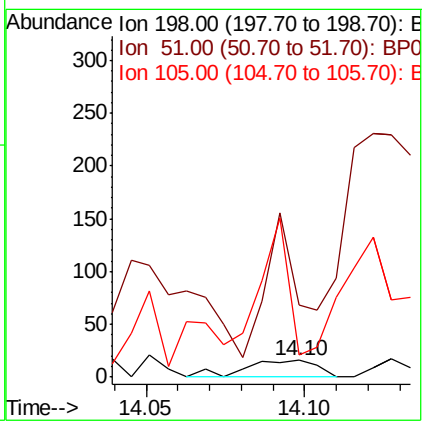


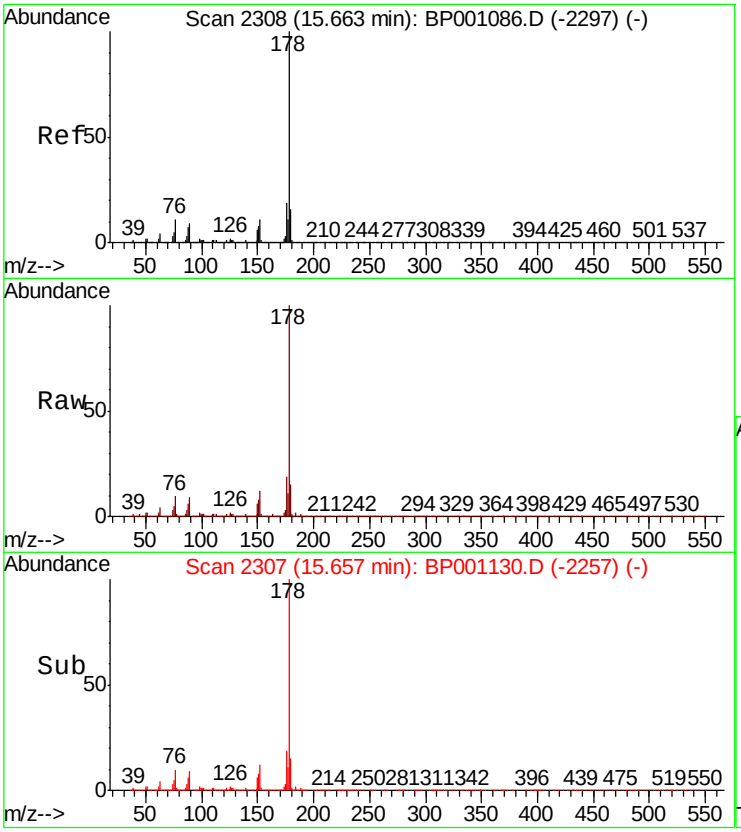


#65
4,6-Dinitro-2-methylphenol
Concen: 6.285 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.12 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:198 Resp: 25

Ion	Ratio	Lower	Upper
198	100		
51	183.8	40.5	80.5#
105	56.8	35.7	75.7



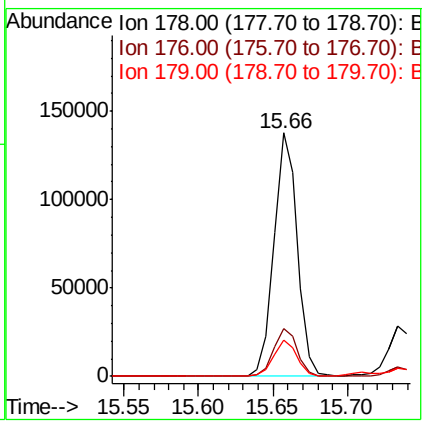


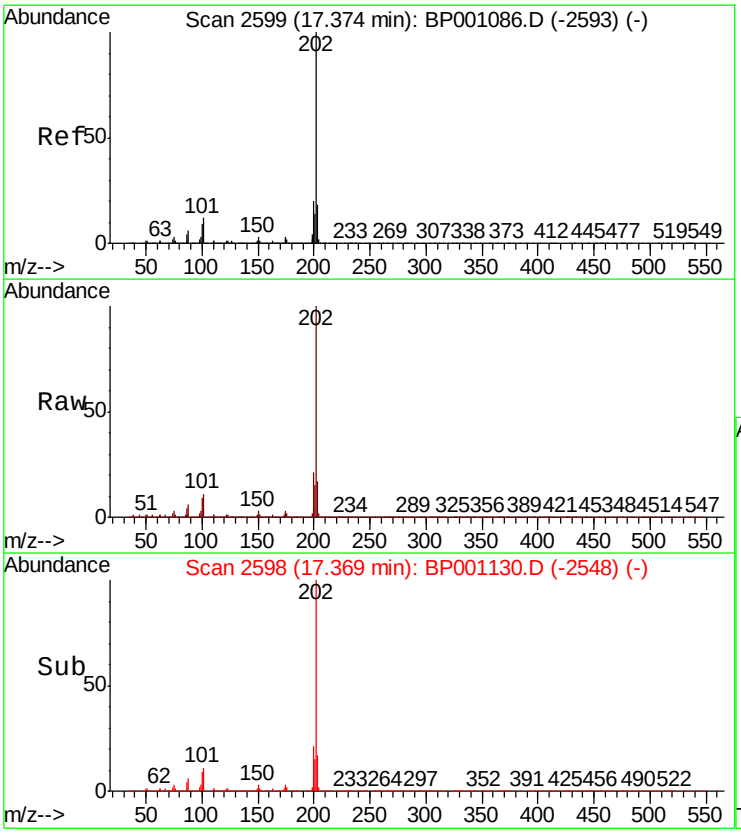
#71
Phenanthrene
Concen: 4.838 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 150309

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	14.8	12.5	18.7

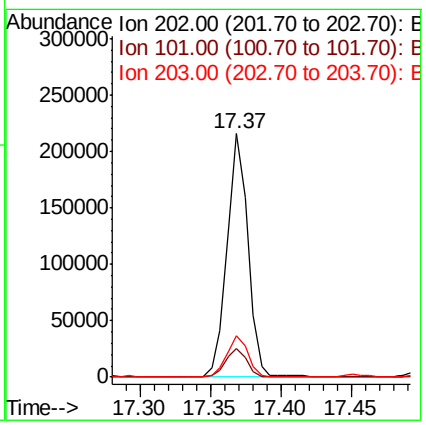


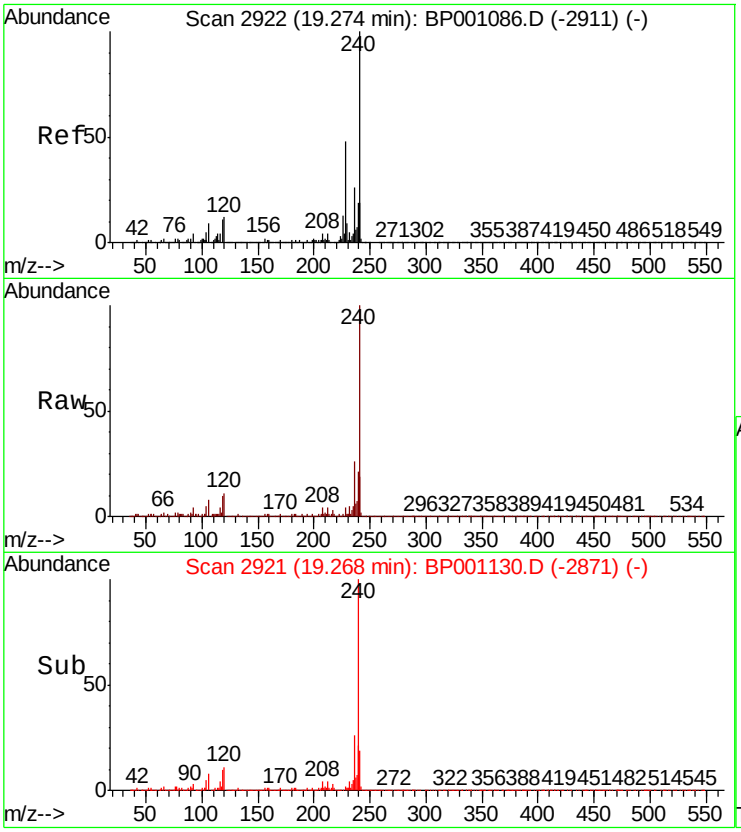


#75
Fluoranthene
Concen: 6.739 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:202 Resp: 221660

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.1
203	17.2	0.0	37.8



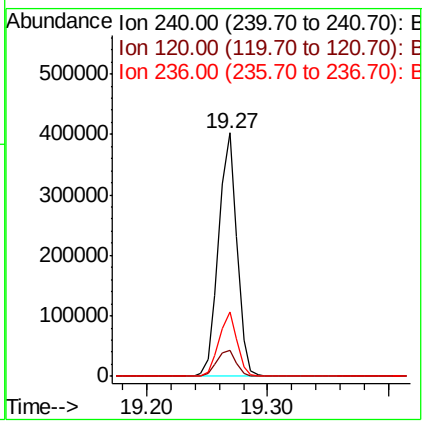


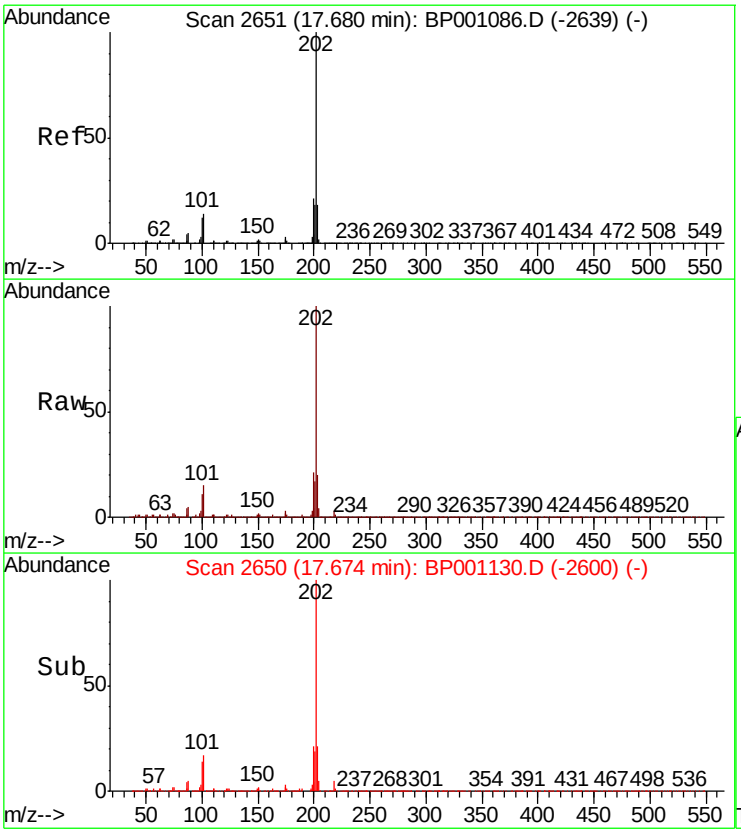
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 423756

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.3	20.4	30.6

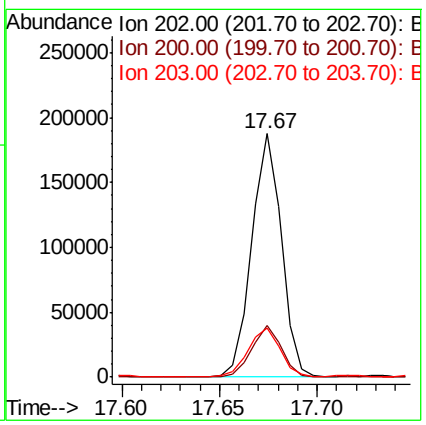


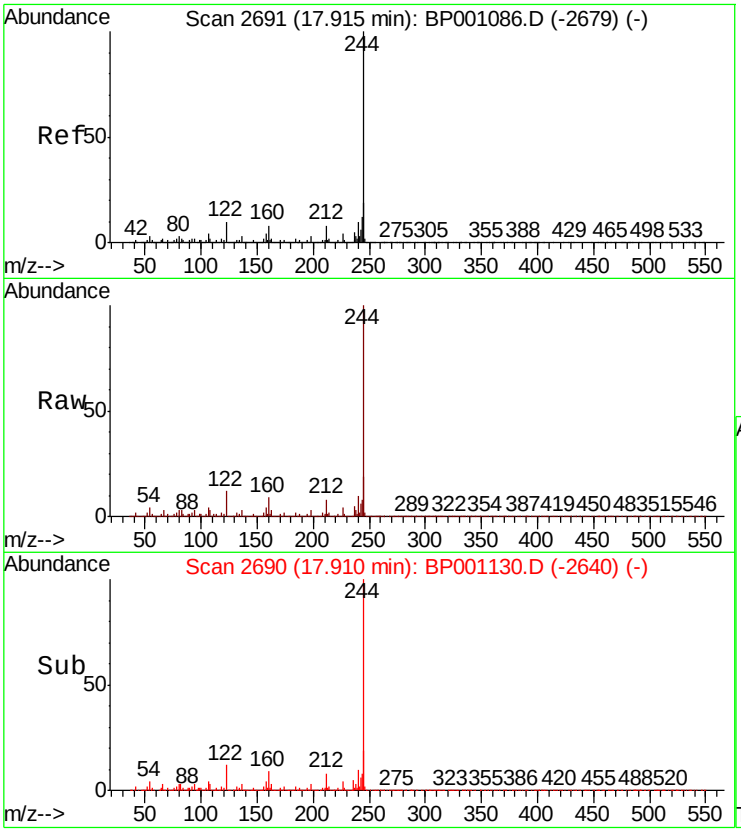


#78
Pyrene
Concen: 5.904 ng
RT: 17.67 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:202 Resp: 197053

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	20.2	14.1	21.1



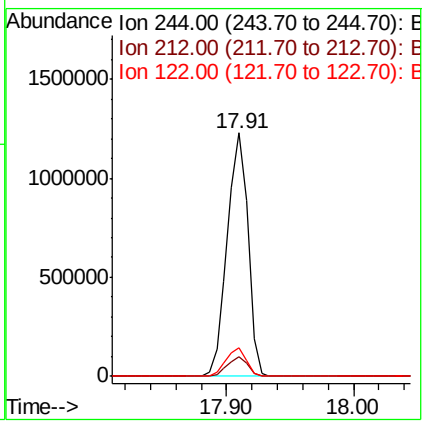


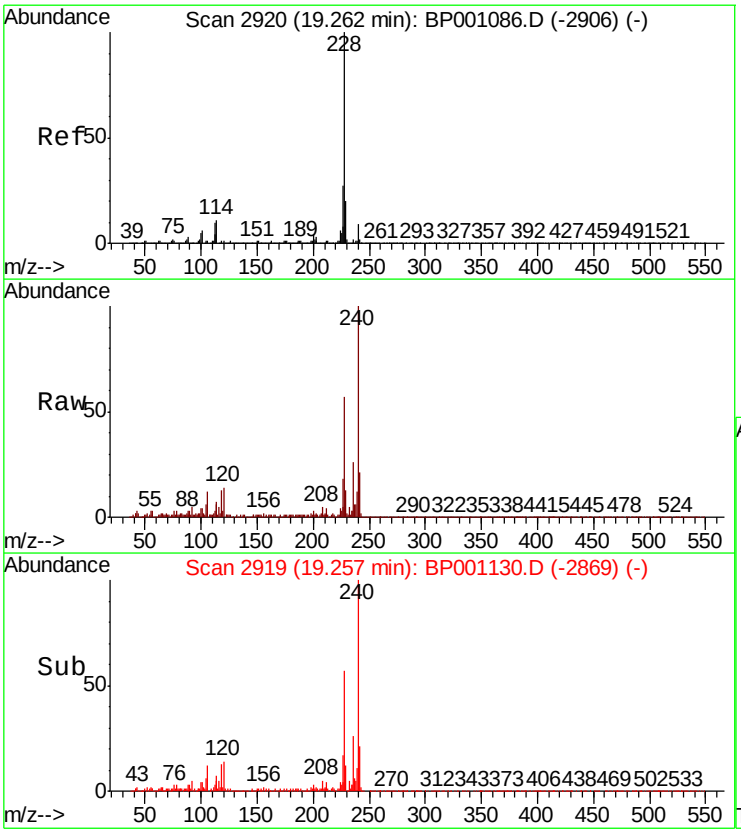
#79
Terphenyl-d14
Concen: 60.611 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1388271

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	11.7	8.2	12.2

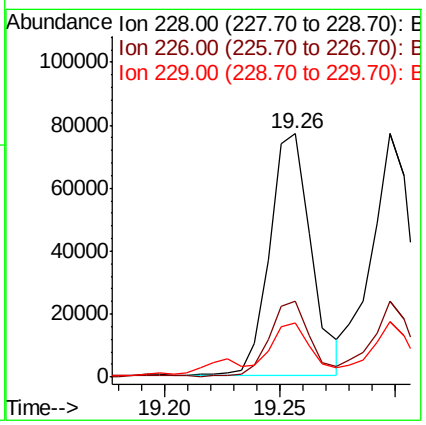


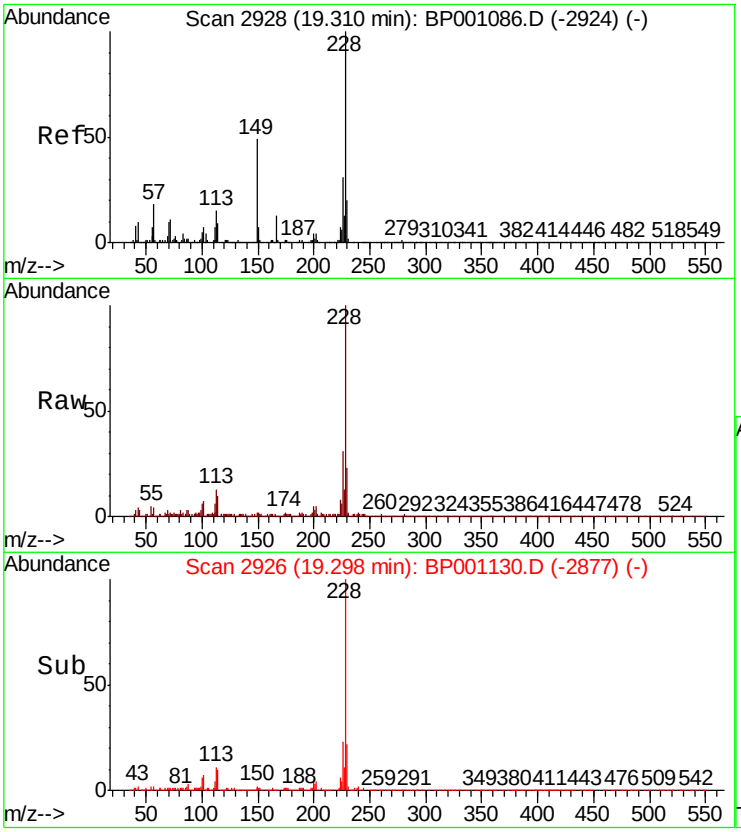


#81
Benzo(a)anthracene
Concen: 3.279 ng
RT: 19.26 min Scan# 2919
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:228 Resp: 96328

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.8	32.6
229	22.2	15.8	23.6



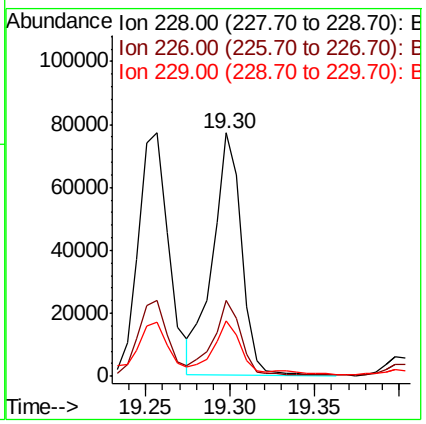


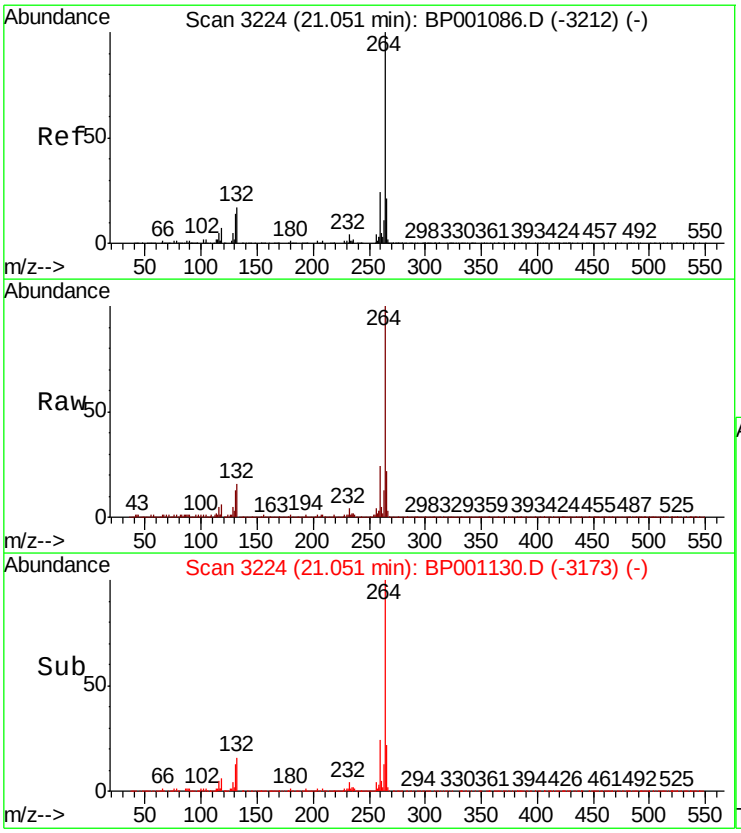
#83
Chrysene
Concen: 3.477 ng
RT: 19.30 min Scan# 2926
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 91489

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	22.6	15.7	23.5

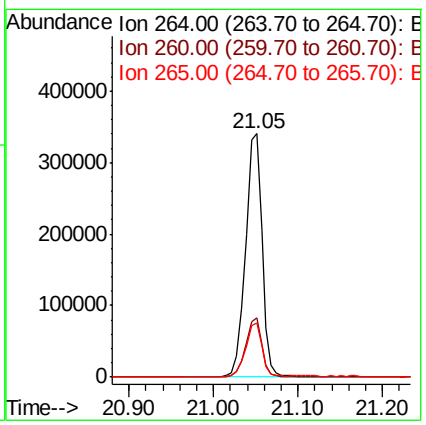


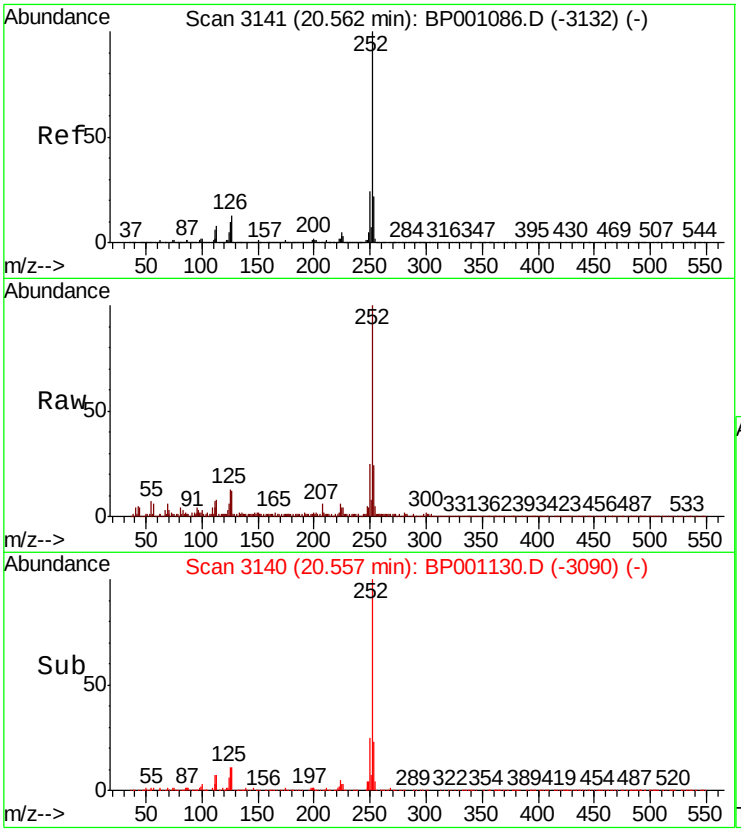


#87
Perylene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:264 Resp: 463403

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.0	16.9	25.3



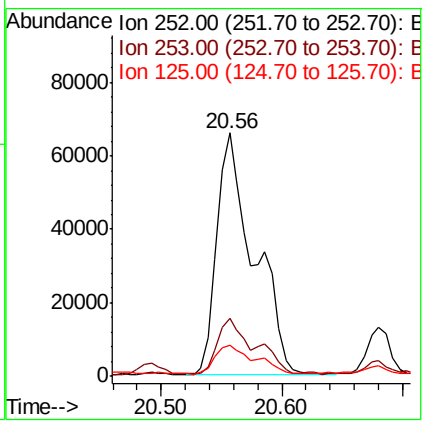


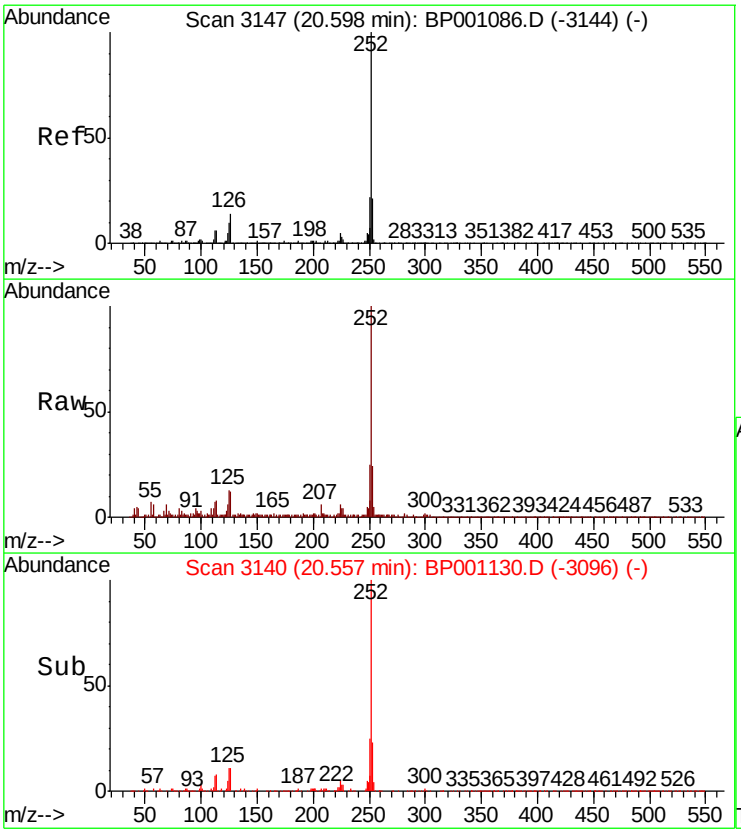
#88
Benzo(b)fluoranthene
Concen: 4.977 ng
RT: 20.56 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 140883

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	12.6	8.1	12.1#

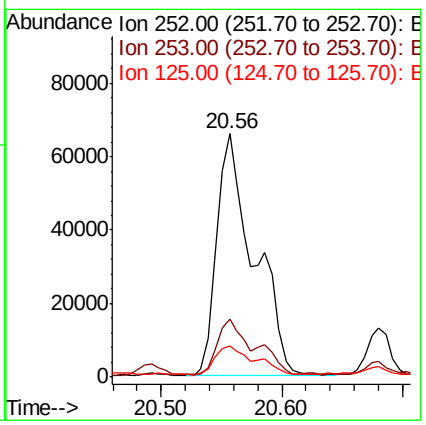


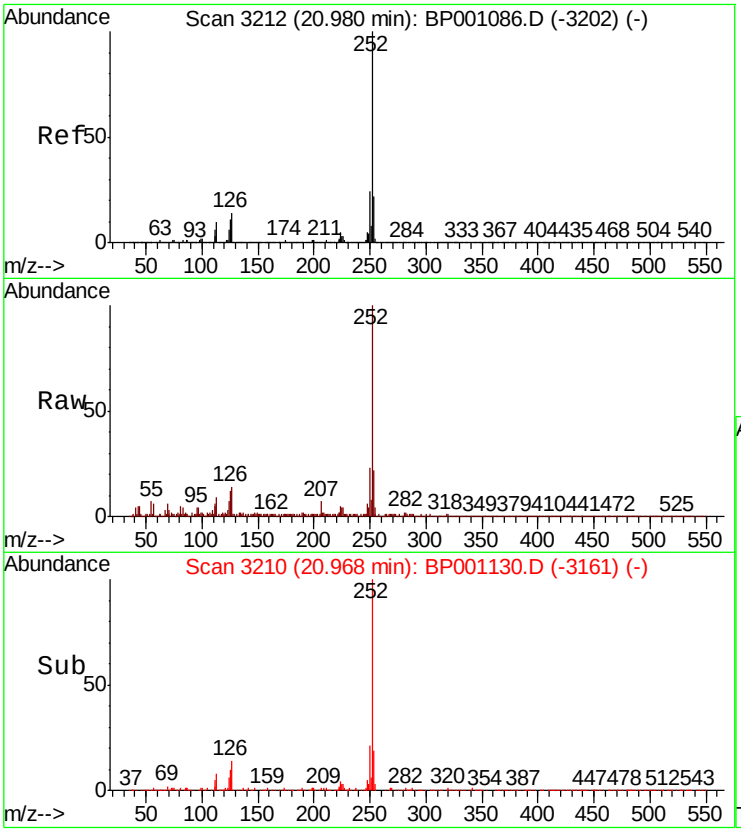


#89
Benzo(k)fluoranthene
Concen: 5.168 ng
RT: 20.56 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion:252 Resp: 140883

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	12.6	8.2	12.2#





#90
Benzo(a)pyrene
Concen: 3.064 ng
RT: 20.97 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 79888

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.2	8.7	13.1