Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
Data File : BP001268.D
Acq On : 07 Dec 2019 22:03
Operator : JU
Sample : K6145-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 09 00:45:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	79760	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	287407	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	161770	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	303321	20.00	ng		0.00
76) Chrysene-d12	19.25	240	238959	20.00	ng		-0.01
87) Perylene-d12	21.02	264	264317	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	45626	9.49	ng		0.00
7) Phenol-d6	7.75	99	62871	9.82	ng		-0.02
23) Nitrobenzene-d5	9.19	82	41997	6.34	ng		-0.01
42) 2,4,6-Tribromophenol	14.49	330	13969	9.01	ng		-0.01
45) 2-Fluorobiphenyl	12.12	172	69836	6.32	ng		-0.01
79) Terphenyl-d14	17.88	244	77288	5.98	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	7.38	77	29	Below Cal			98
52) Acenaphthene	13.26	154	38876	4.317	ng		98
54) 2,4-Dinitrophenol	13.29	184	13	7.120	ng	#	1
55) Dibenzofuran	13.54	168	48578	3.590	ng		100
56) 4-Nitrophenol	13.54	139	20611	9.998	ng	#	1
58) Fluorene	14.10	166	72631	6.699	ng		99
65) 4,6-Dinitro-2-methylphenol	14.19	198	21	6.291	ng	#	1
71) Phenanthrene	15.64	178	668304	41.909	ng		100
72) Anthracene	15.72	178	162961	10.368	ng		100
73) Carbazole	15.96	167	44620	3.120	ng		99
75) Fluoranthene	17.35	202	812915	48.153	ng		99
78) Pyrene	17.66	202	660206	35.078	ng		98
81) Benzo(a)anthracene	19.23	228	310159	18.720	ng		98
83) Chrysene	19.28	228	258846	17.447	ng		97
88) Benzo(b)fluoranthene	20.53	252	461346	28.576	ng		99
89) Benzo(k)fluoranthene	20.53	252	461346	29.670	ng		99
90) Benzo(a)pyrene	20.94	252	259799	17.471	ng		97
91) Dibenzo(a,h)anthracene	22.86	278	32868	2.259	ng		97
92) Benzo(g,h,i)perylene	23.14	276	170353	11.855	ng		96

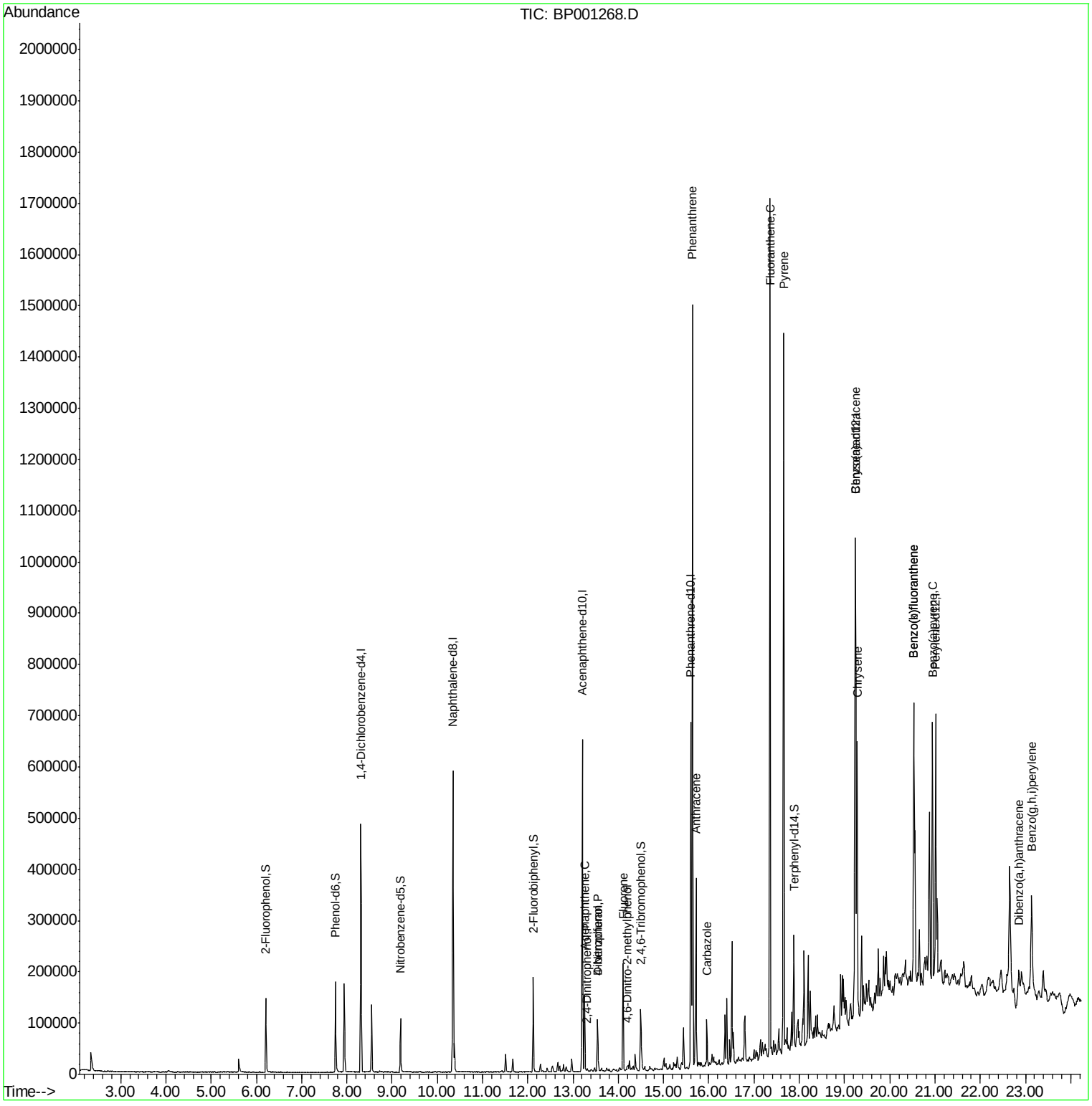
(#) = qualifier out of range (m) = manual integration (+) = signals summed

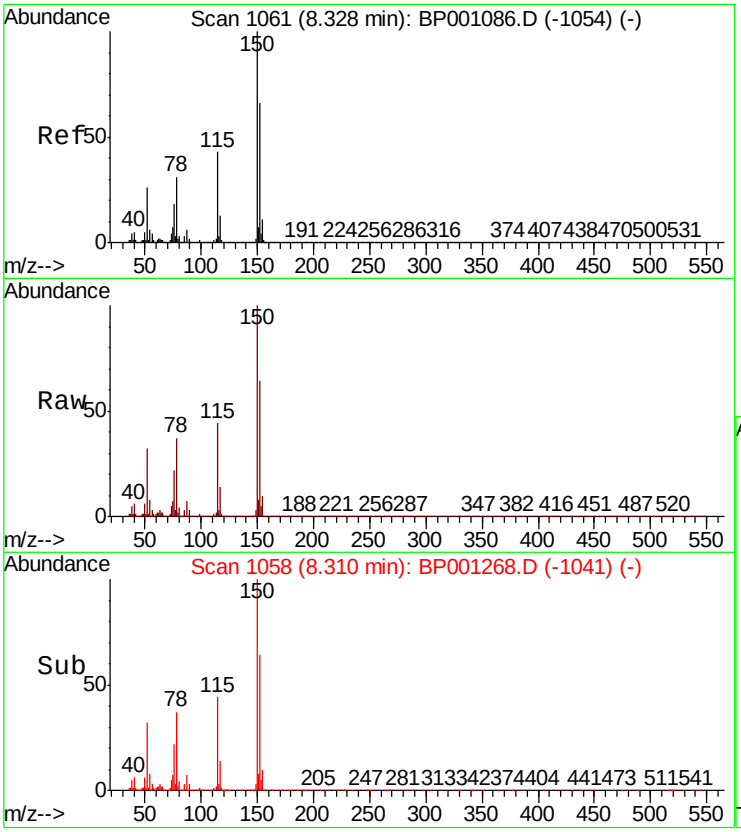
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
Data File : BP001268.D
Acq On : 07 Dec 2019 22:03
Operator : JU
Sample : K6145-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 09 00:45:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration



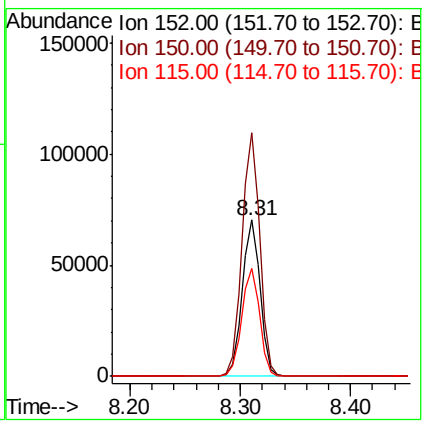


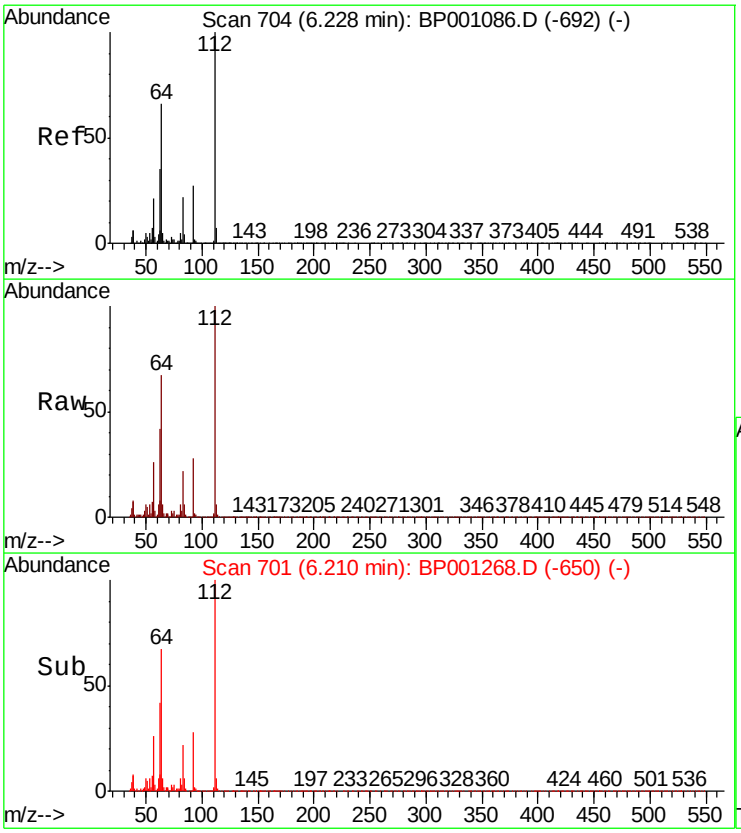
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 79760

Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.3	190.9
115	69.3	56.0	84.0

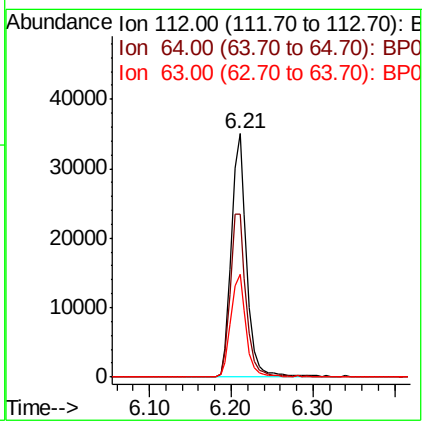


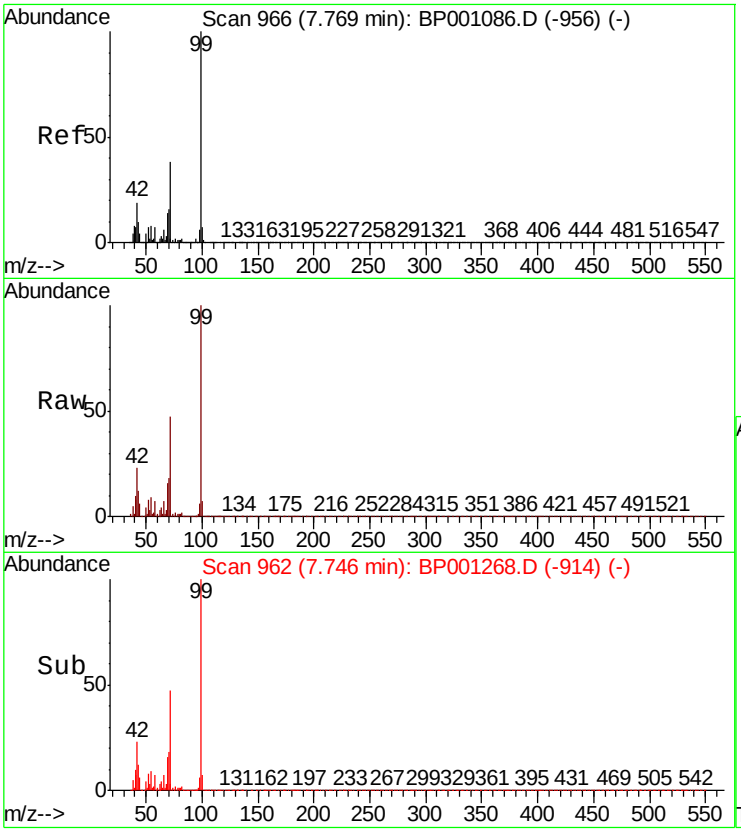


#5
2-Fluorophenol
Concen: 9.491 ng
RT: 6.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:112 Resp: 45626

Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.8	85.2
63	42.2	32.2	48.2



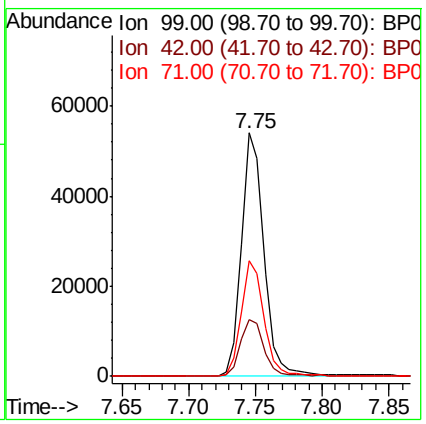


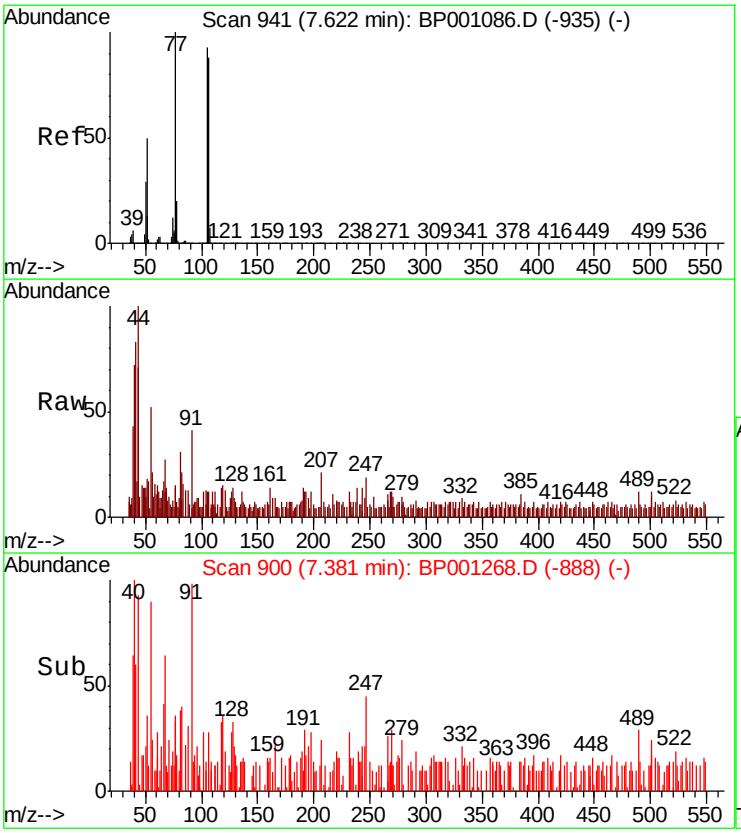
#7
Phenol-d6
Concen: 9.816 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.02 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 62871

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.6	26.4
71	47.4	33.8	50.8

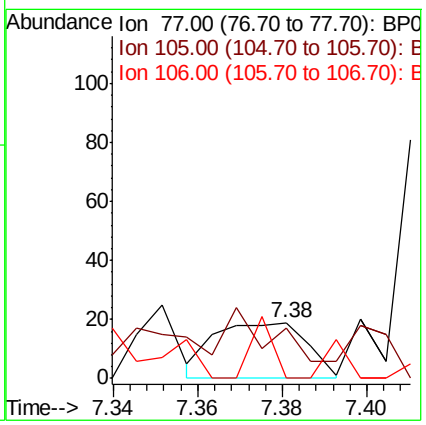


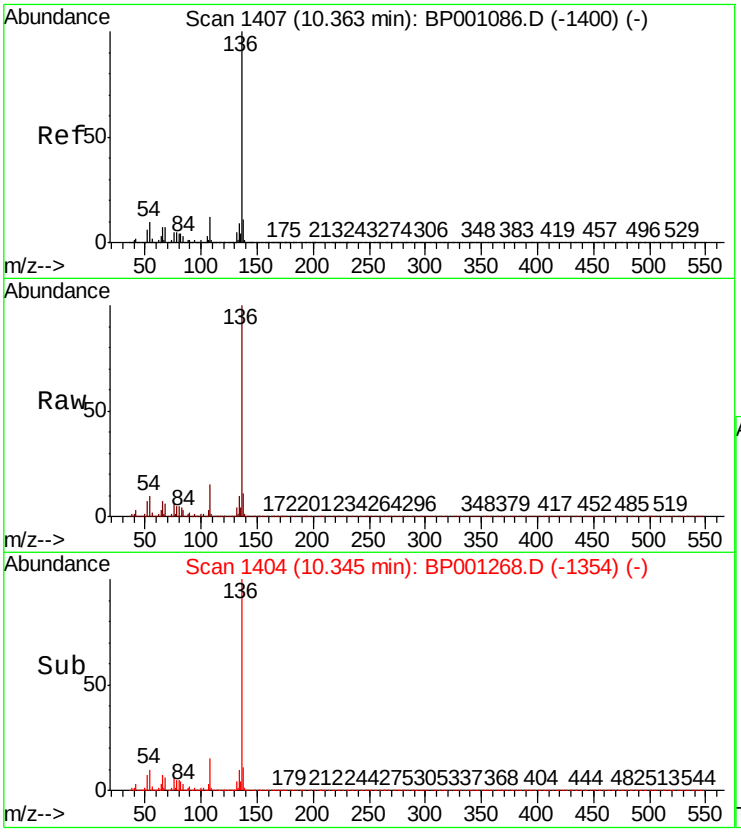


#9
Benzaldehyde
Concen: Below Cal
RT: 7.38 min Scan# 900
Delta R.T. -0.23 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion: 77 Resp: 29

Ion	Ratio	Lower	Upper
77	100		
105	89.5	69.7	109.7
106	84.2	67.1	107.1



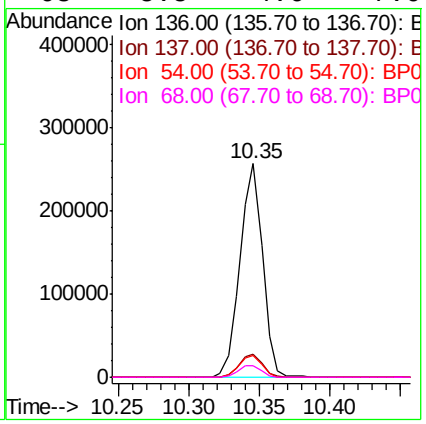


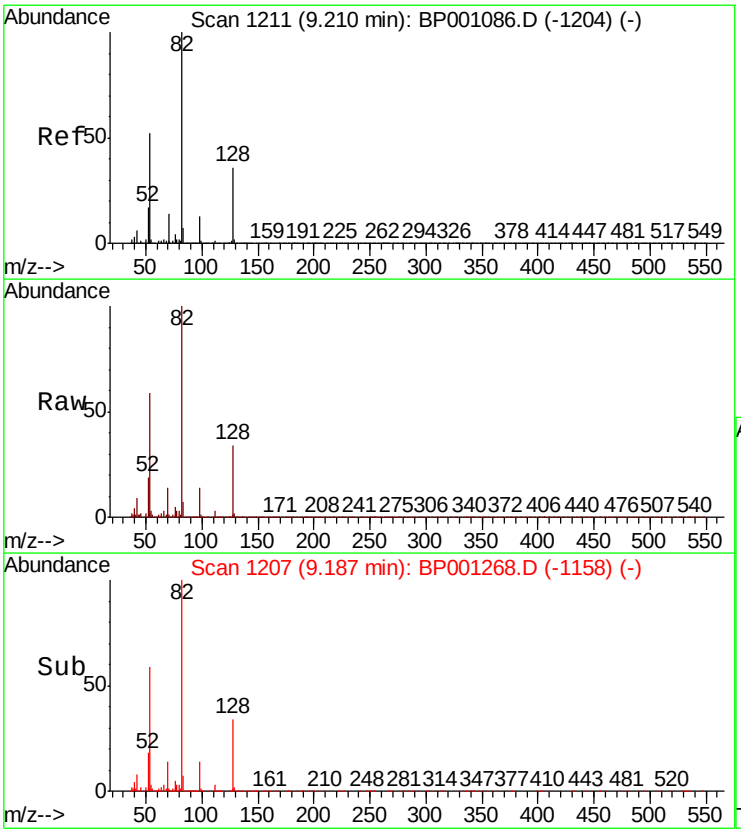
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 287407

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	10.2	7.4	11.0
68	5.5	4.6	7.0

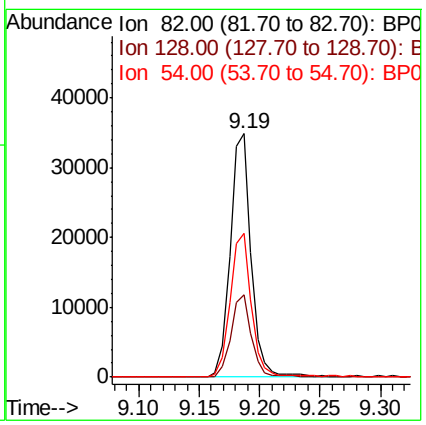


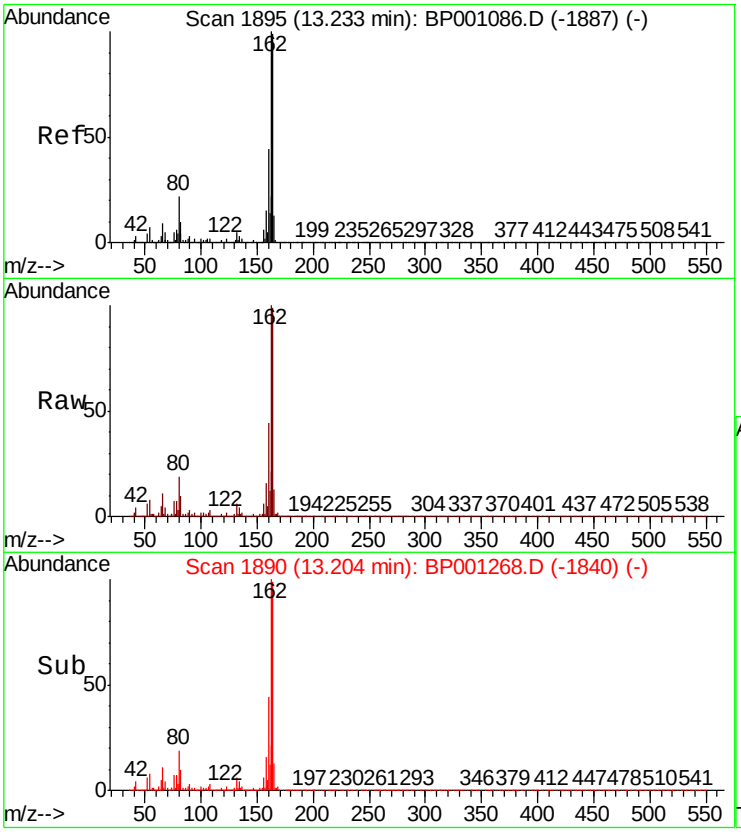


#23
Nitrobenzene-d5
Concen: 6.340 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion: 82 Resp: 41997

Ion	Ratio	Lower	Upper
82	100		
128	33.7	27.5	41.3
54	59.2	45.7	68.5



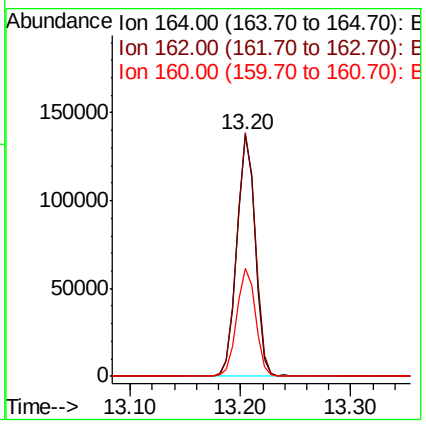


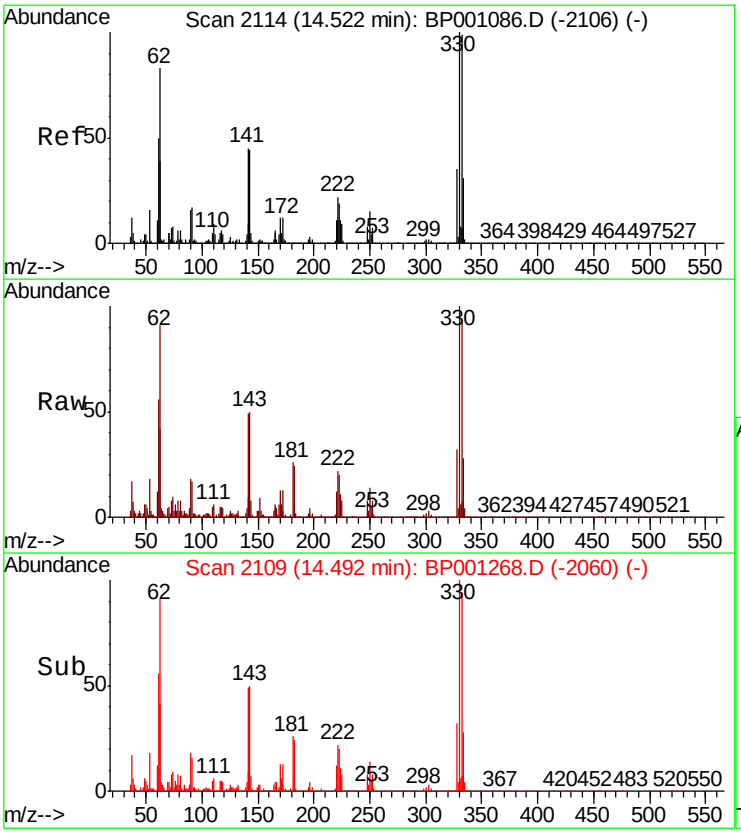
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 161770

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.7	121.1
160	44.7	36.3	54.5

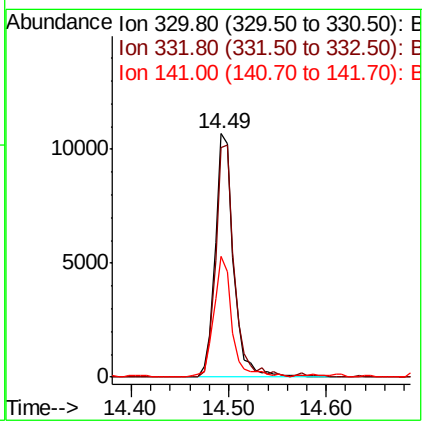


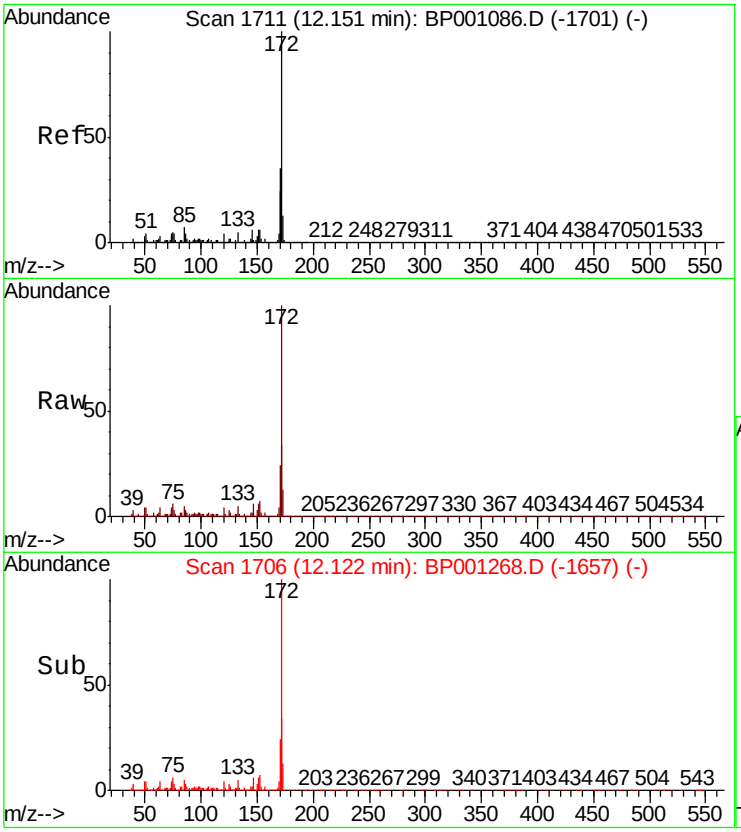


#42
2,4,6-Tribromophenol
Concen: 9.009 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:330 Resp: 13969

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.1	118.7
141	49.0	35.9	53.9



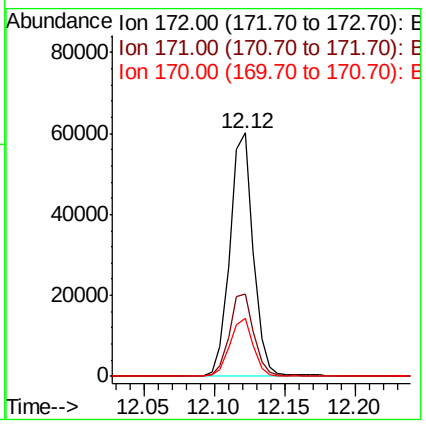


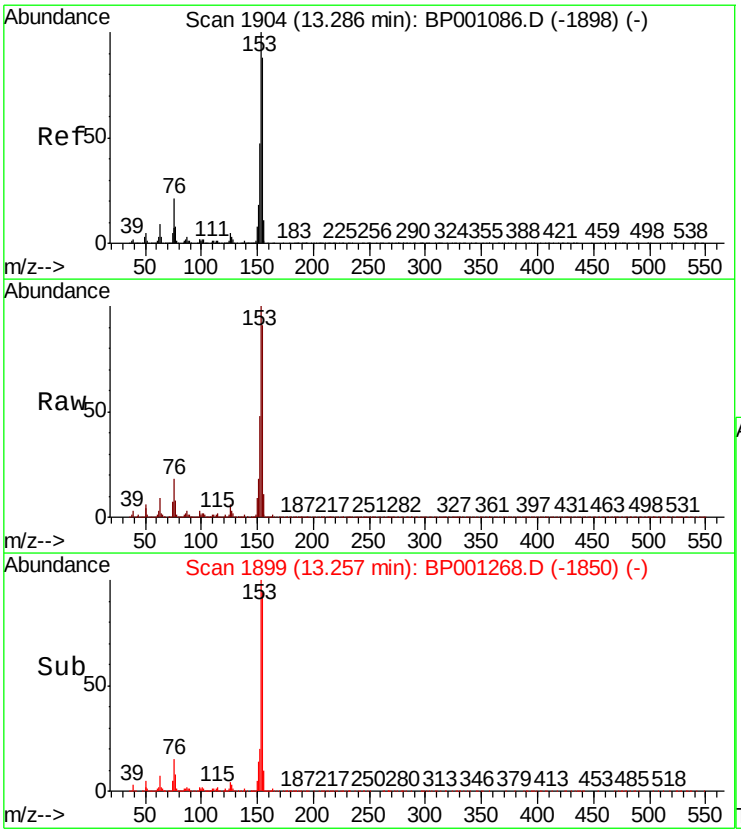
#45
2-Fluorobiphenyl
Concen: 6.318 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 69836

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.7	43.1
170	23.9	19.2	28.8

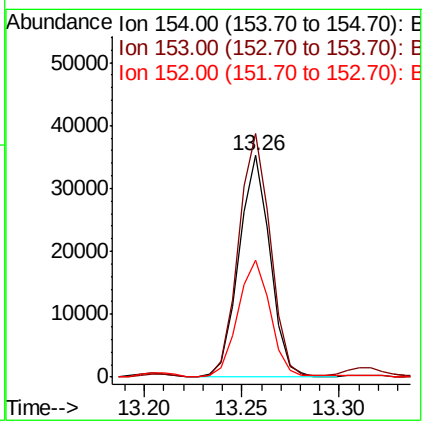


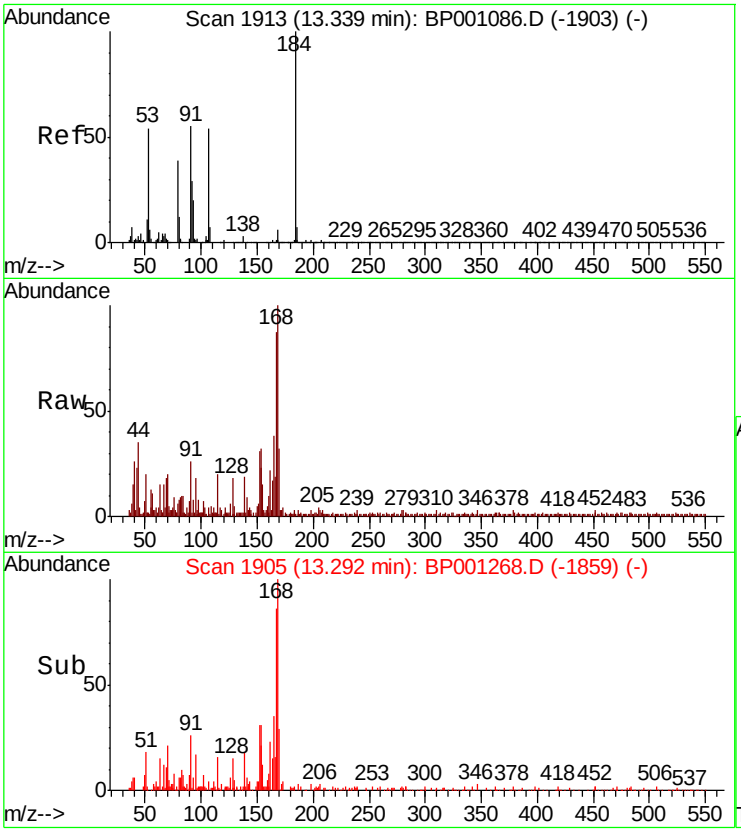


#52
Acenaphthene
Concen: 4.317 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:154 Resp: 38876

Ion	Ratio	Lower	Upper
154	100		
153	110.0	90.3	135.5
152	52.7	42.9	64.3



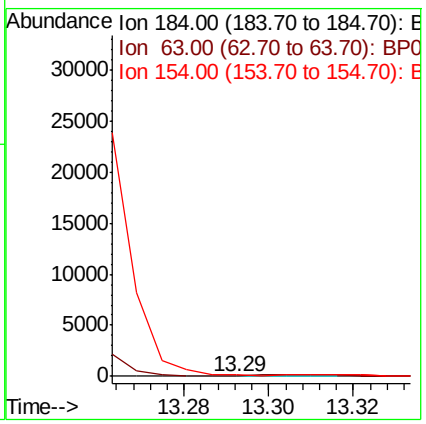


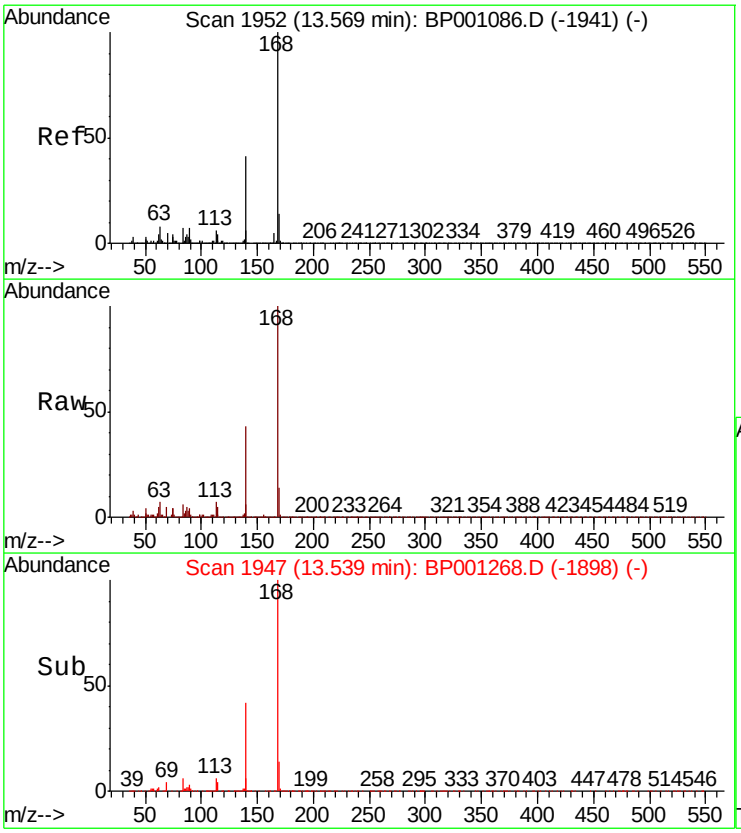
#54
2,4-Dinitrophenol
Concen: 7.120 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 13

Ion	Ratio	Lower	Upper
184	100		
63	457.1	69.4	104.0#
154	723.8	57.4	86.2#

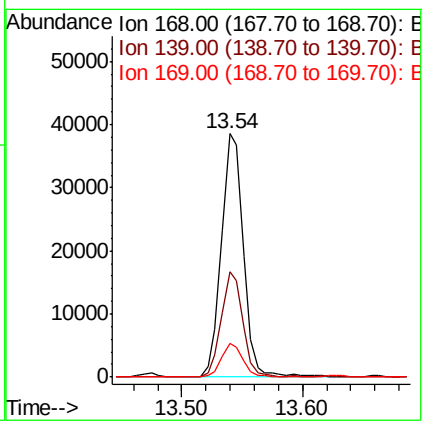


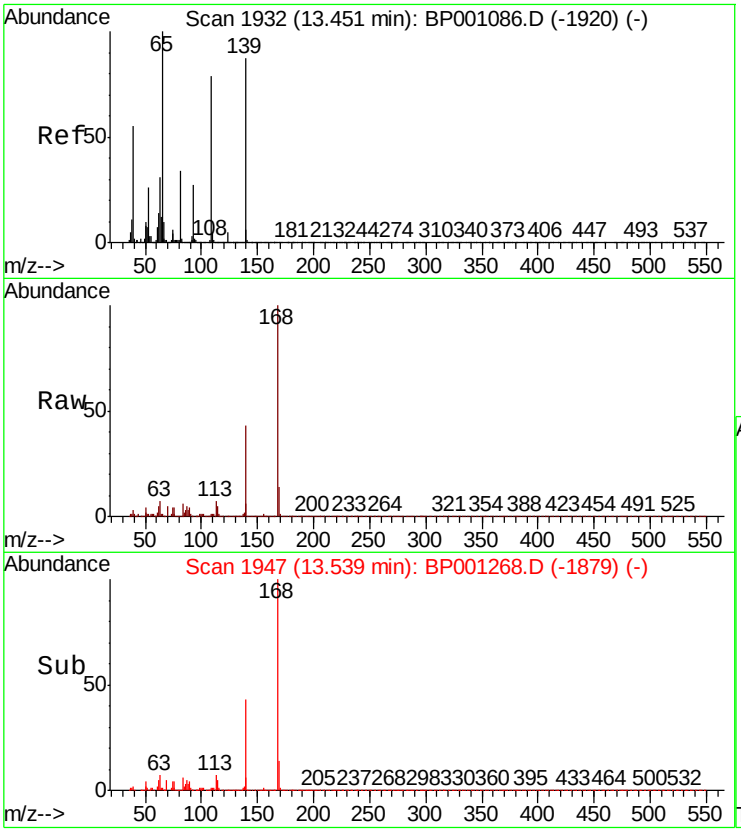


#55
Dibenzofuran
Concen: 3.590 ng
RT: 13.54 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:168 Resp: 48578

Ion	Ratio	Lower	Upper
168	100		
139	43.1	34.5	51.7
169	13.7	10.8	16.2



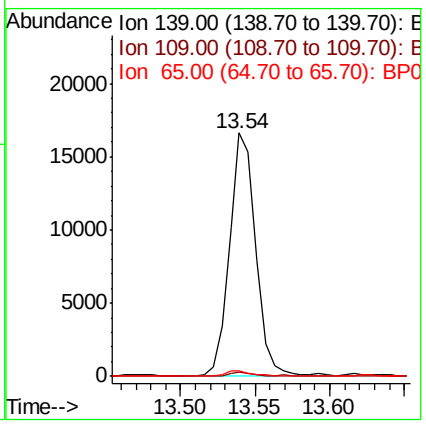


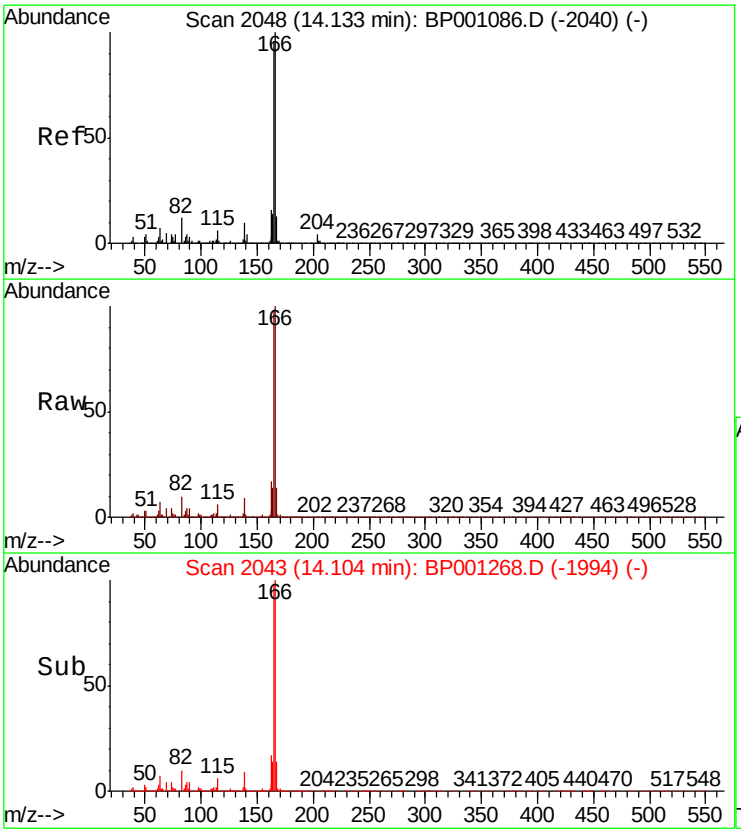
#56
4-Nitrophenol
Concen: 9.998 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.10 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:139 Resp: 20611

Ion	Ratio	Lower	Upper
139	100		
109	1.8	87.8	127.8#
65	2.1	111.9	151.9#

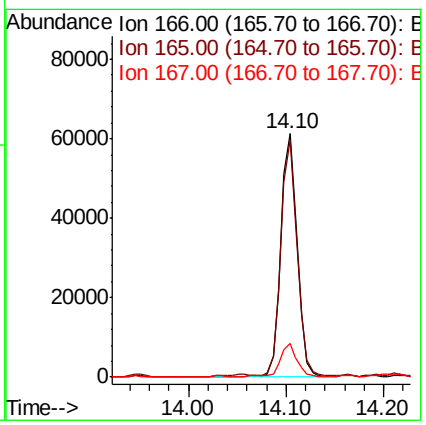


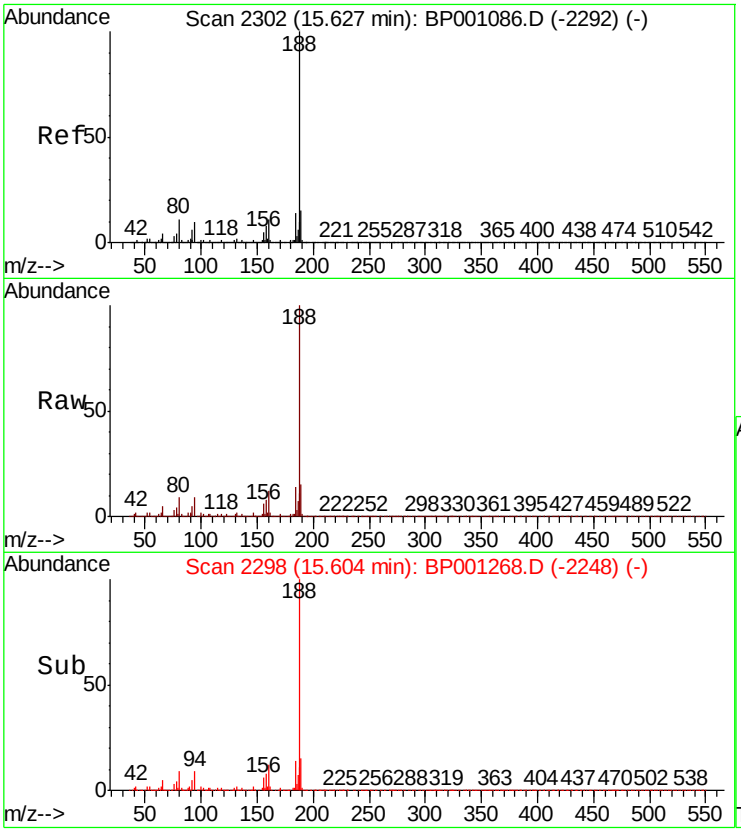


#58
Fluorene
Concen: 6.699 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:166 Resp: 72631

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.8
167	14.0	10.5	15.7



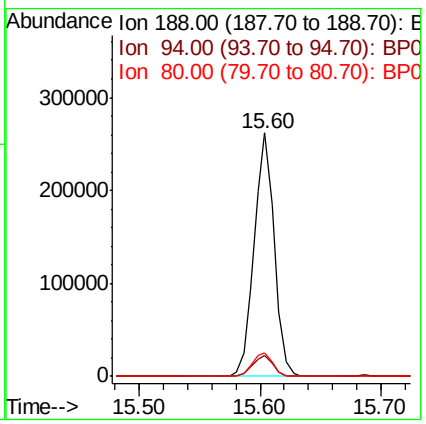


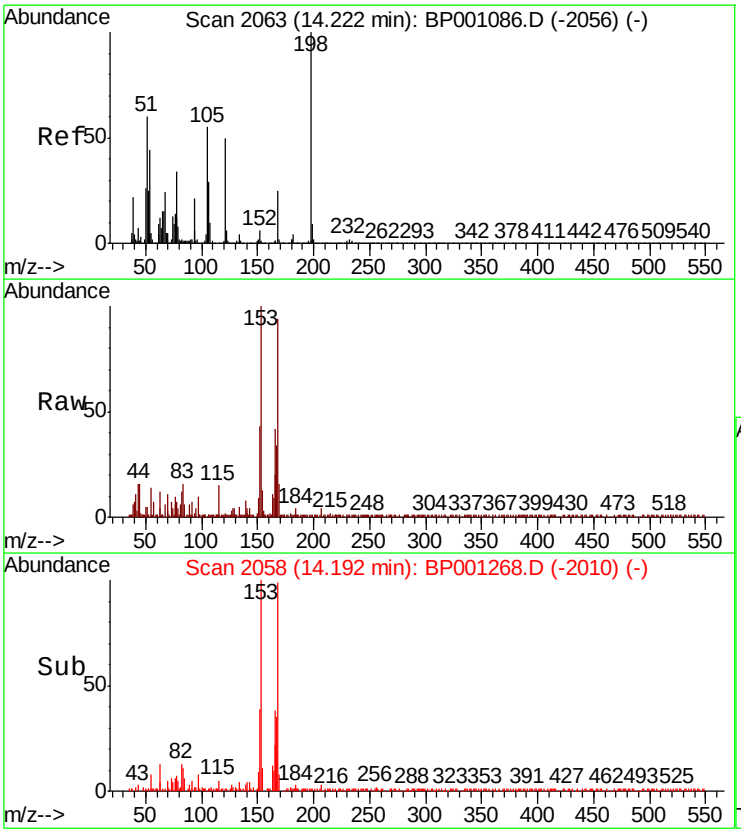
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 303321

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.5	7.8	11.6

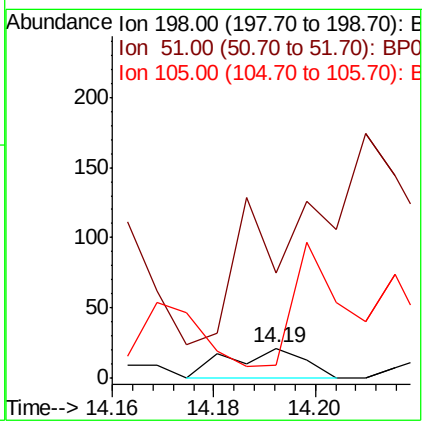


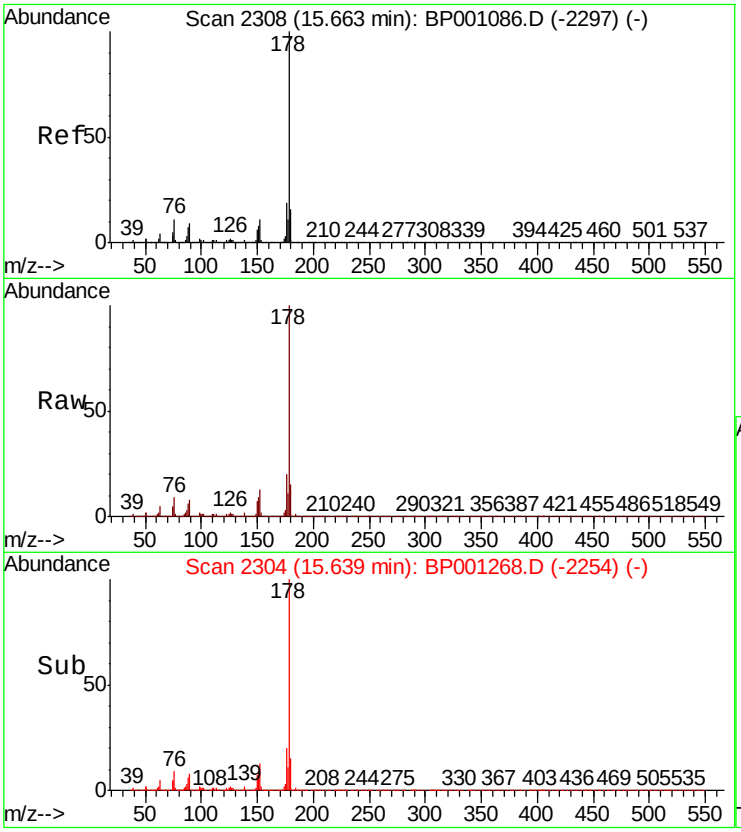


#65
4,6-Dinitro-2-methylphenol
Concen: 6.291 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:198 Resp: 21

Ion	Ratio	Lower	Upper
198	100		
51	357.1	36.2	76.2#
105	42.9	30.2	70.2



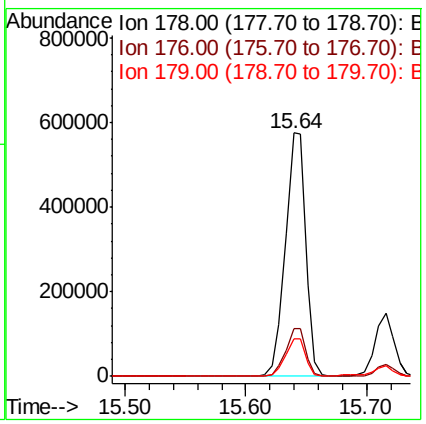


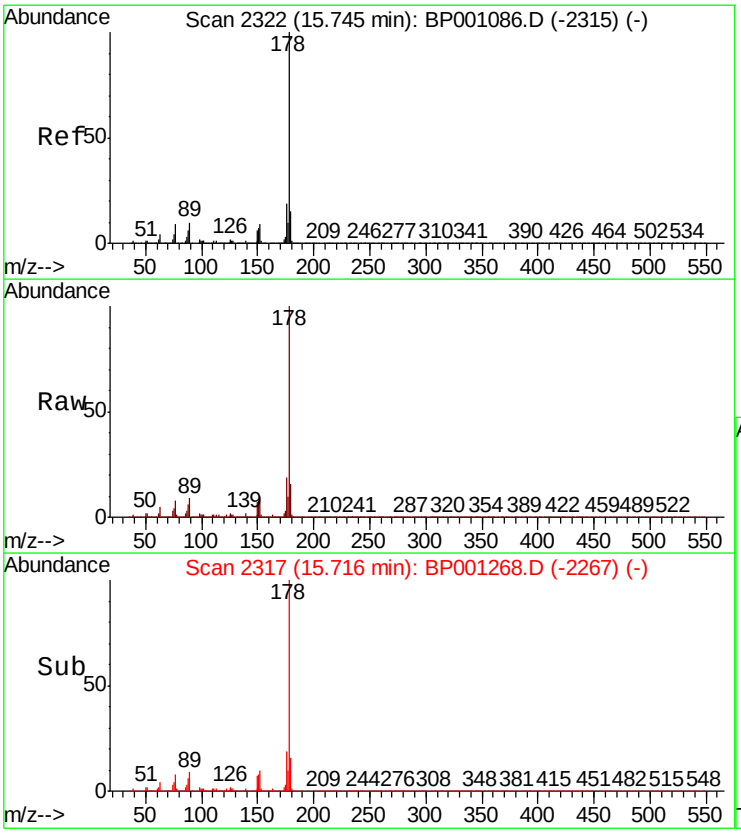
#71
Phenanthrene
Concen: 41.909 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 668304

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.3	12.4	18.6

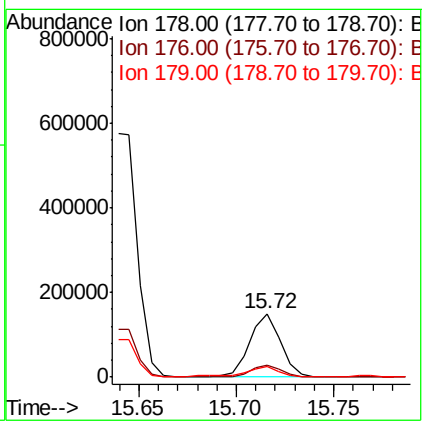


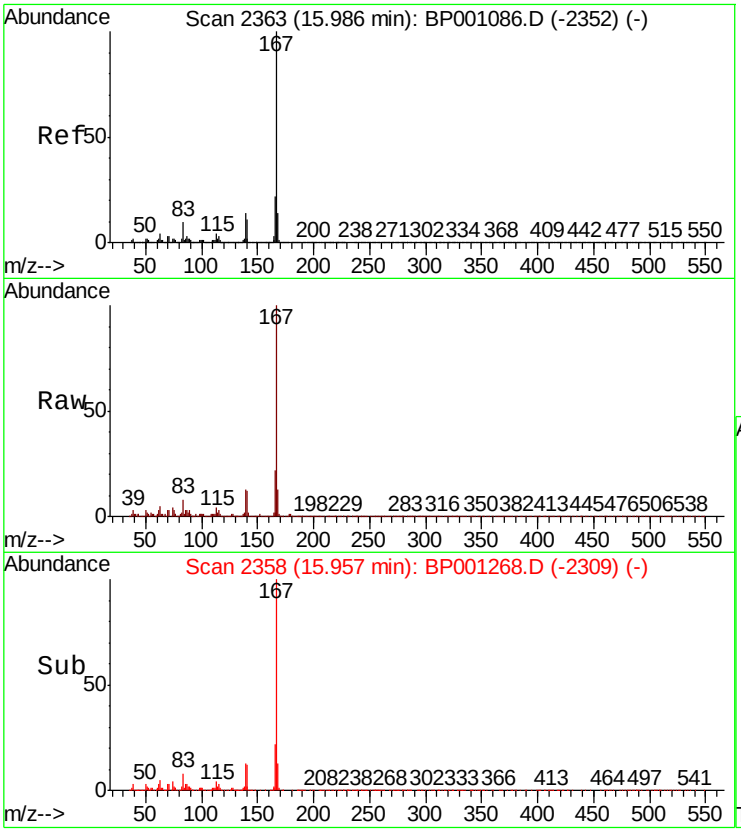


#72
Anthracene
Concen: 10.368 ng
RT: 15.72 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:178 Resp: 162961

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.8	12.7	19.1



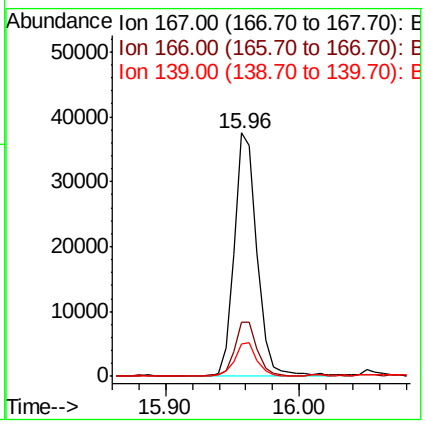


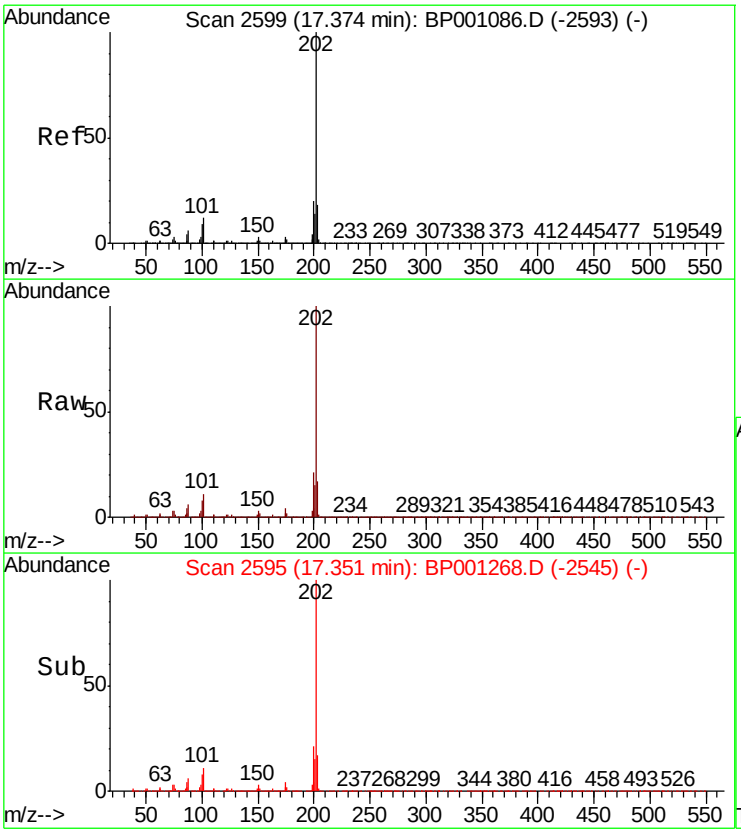
#73
Carbazole
Concen: 3.120 ng
RT: 15.96 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 44620

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.4	11.4	17.0

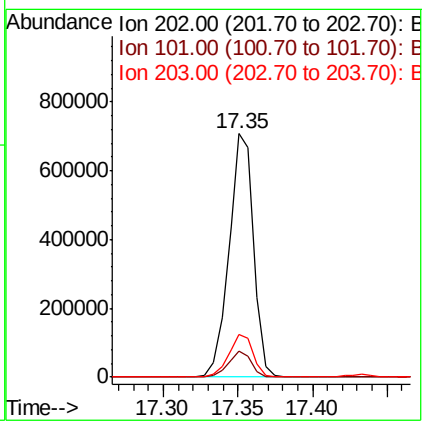


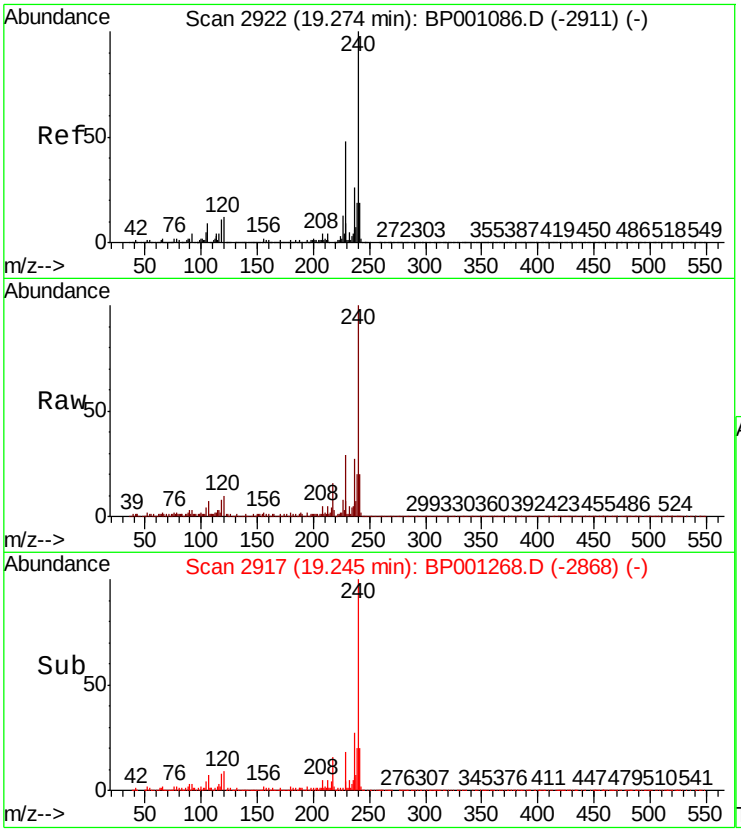


#75
Fluoranthene
Concen: 48.153 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:202 Resp: 812915

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.0
203	17.4	0.0	37.1



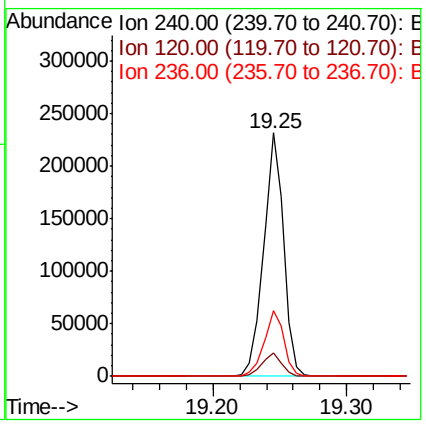


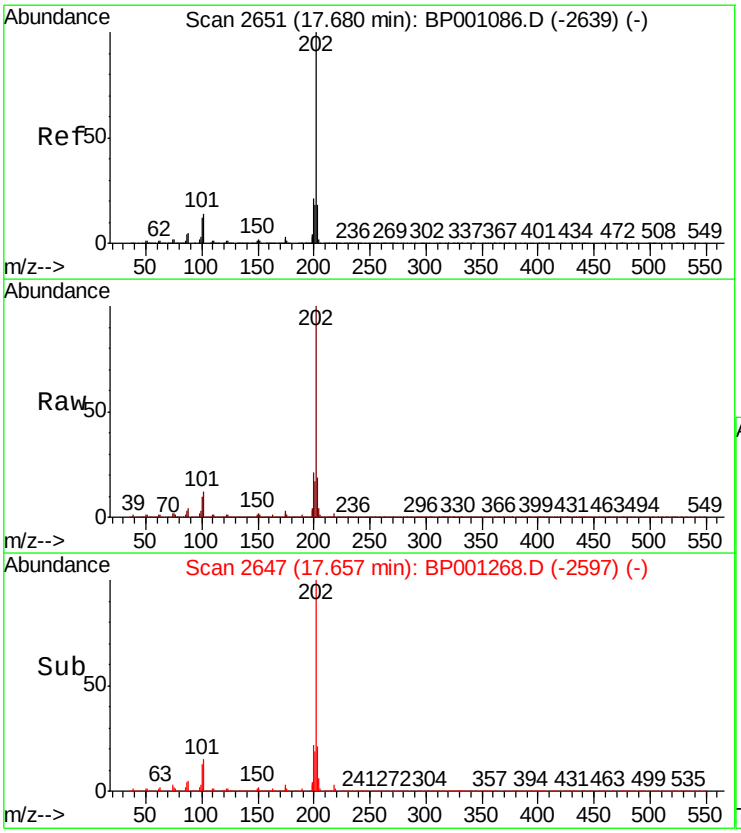
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 238959

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.0	10.6
236	26.9	21.7	32.5

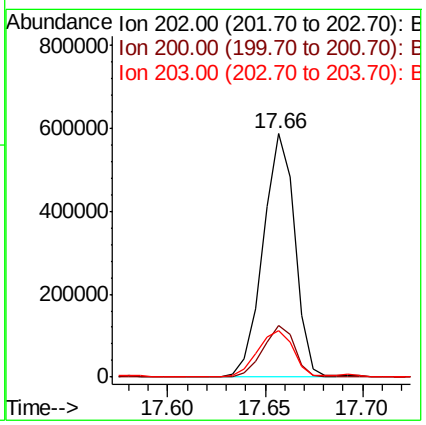


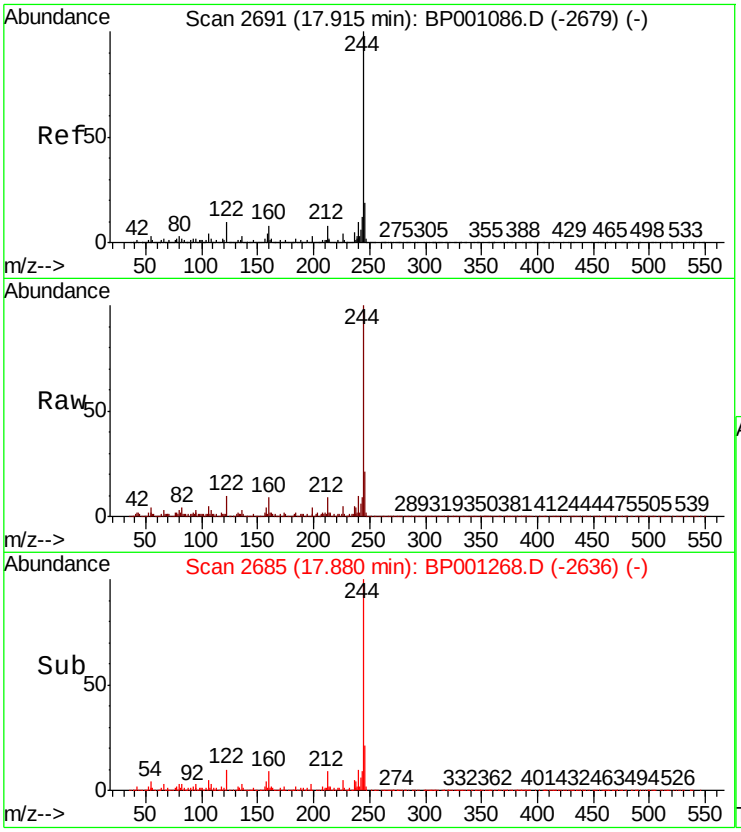


#78
Pyrene
Concen: 35.078 ng
RT: 17.66 min Scan# 2647
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:202 Resp: 660206

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.3	25.9
203	19.0	13.8	20.8



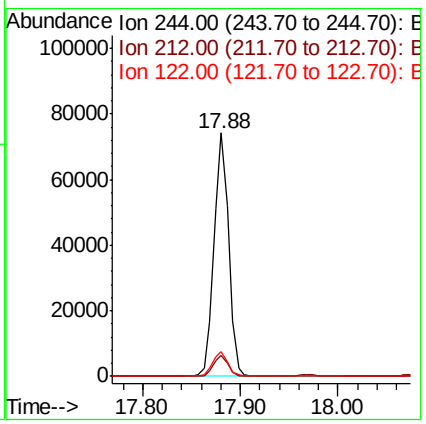


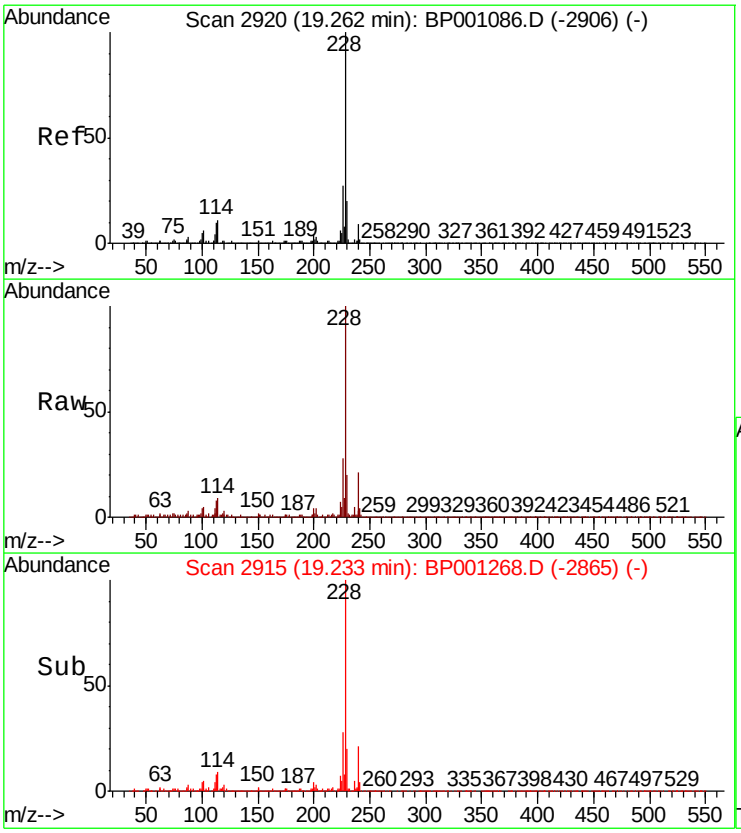
#79
Terphenyl-d14
Concen: 5.984 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 77288

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	9.8
122	10.2	9.2	13.8

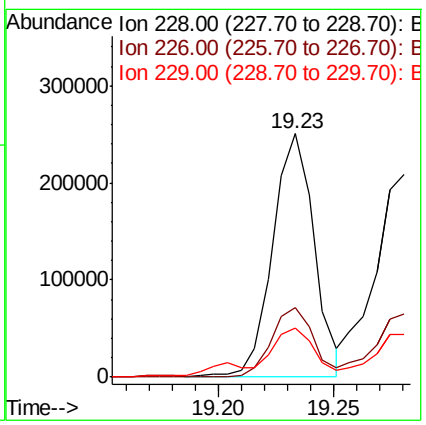


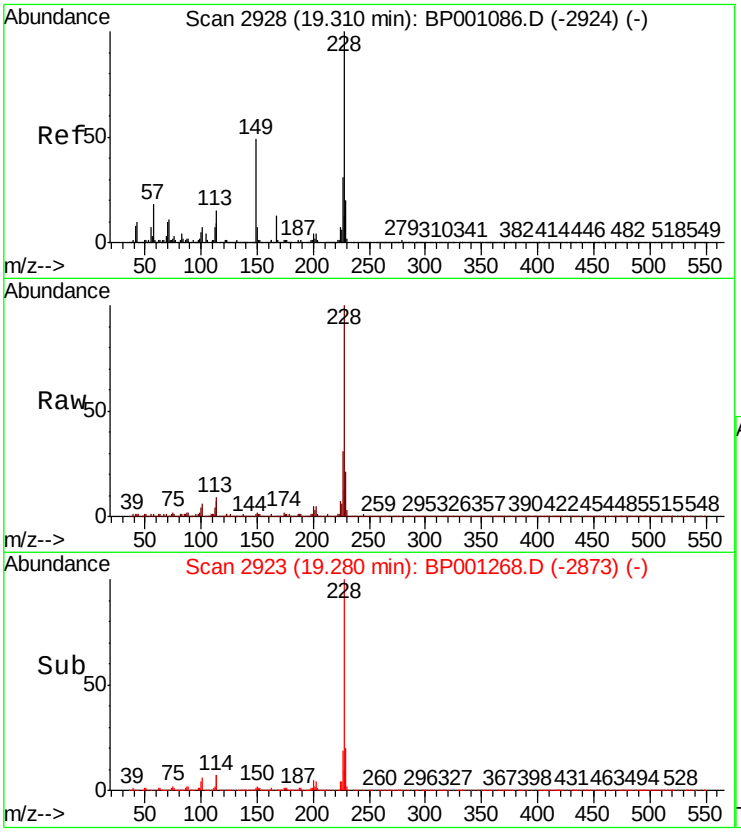


#81
Benzo(a)anthracene
Concen: 18.720 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:228 Resp: 310159

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.7	32.5
229	20.3	15.8	23.6



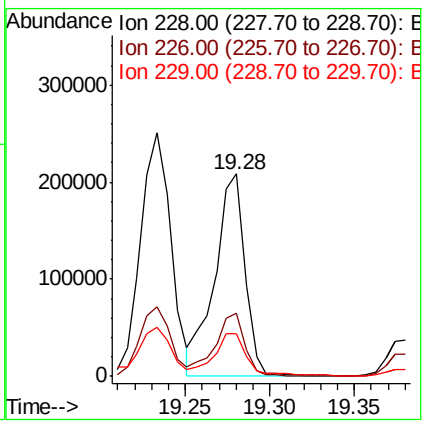


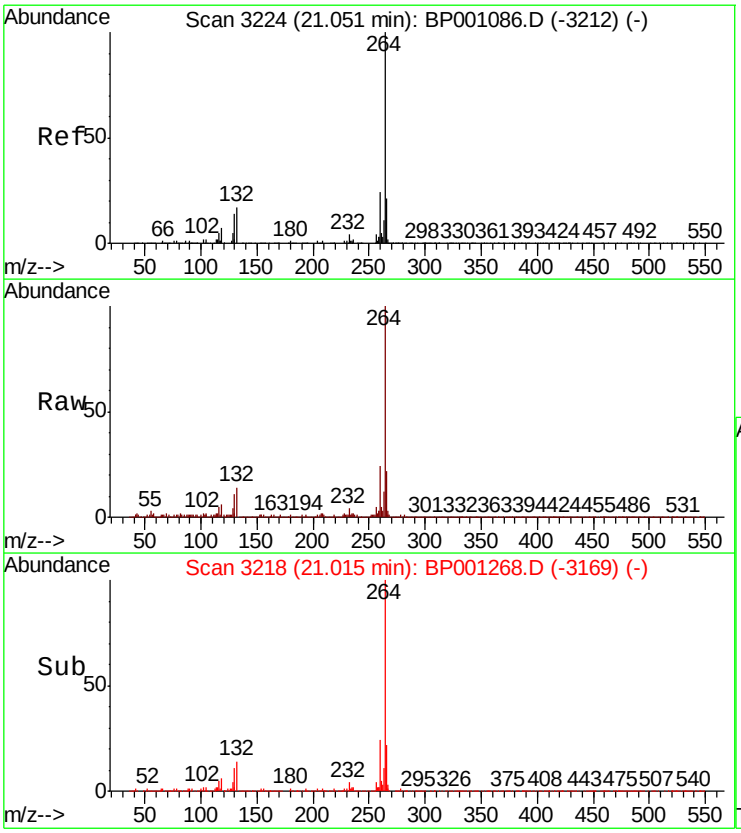
#83
Chrysene
Concen: 17.447 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 258846

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.7	35.5
229	21.0	15.2	22.8

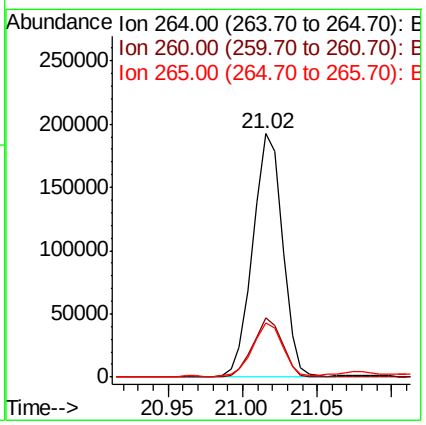


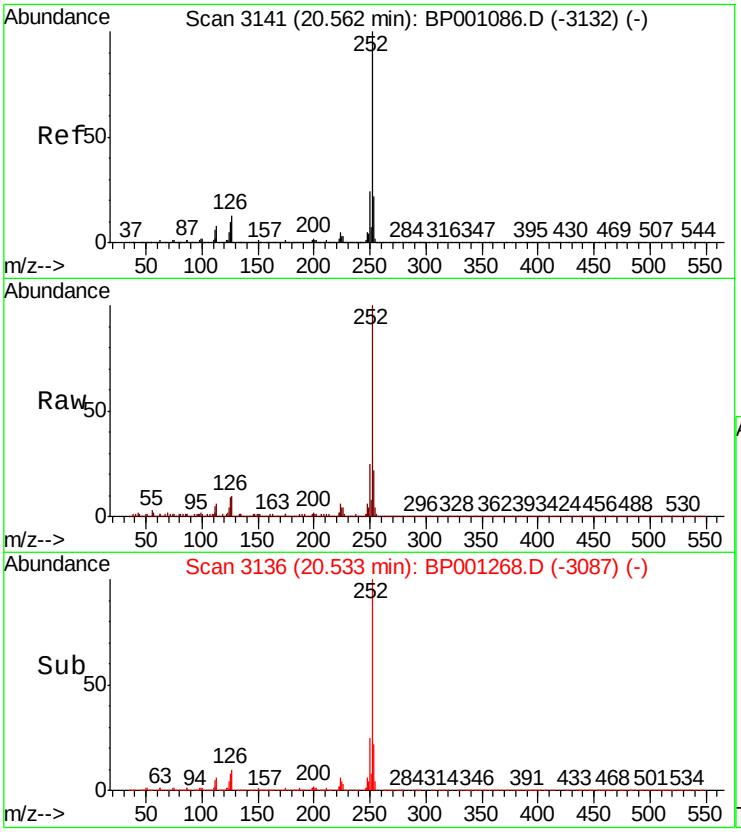


#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:264 Resp: 264317

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.0	17.1	25.7



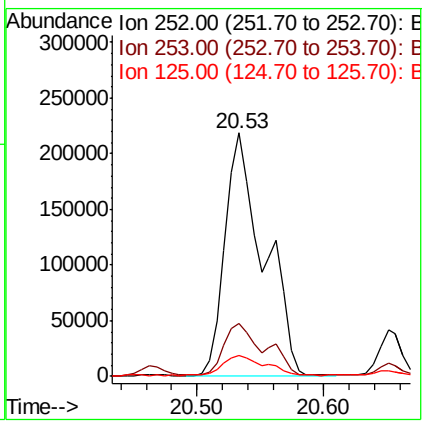


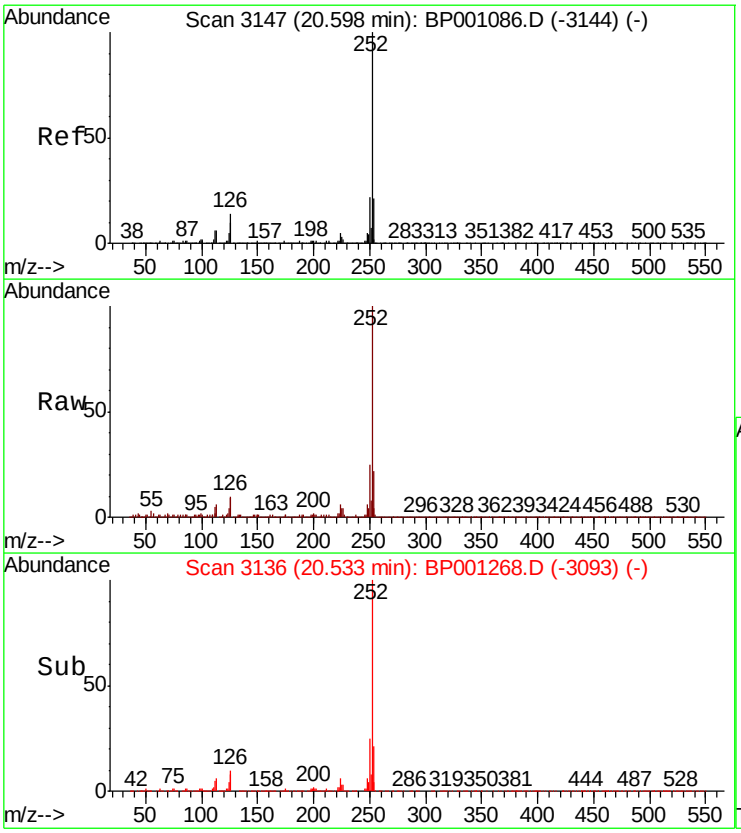
#88
Benzo(b)fluoranthene
Concen: 28.576 ng
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 461346

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	8.6	6.6	9.8

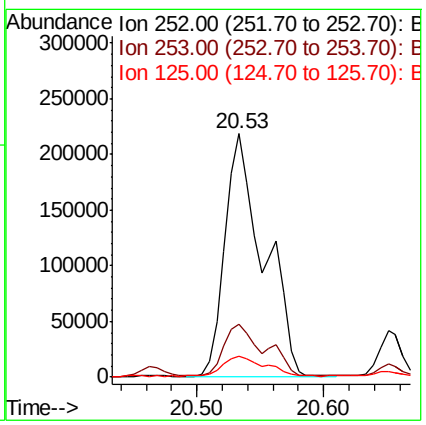


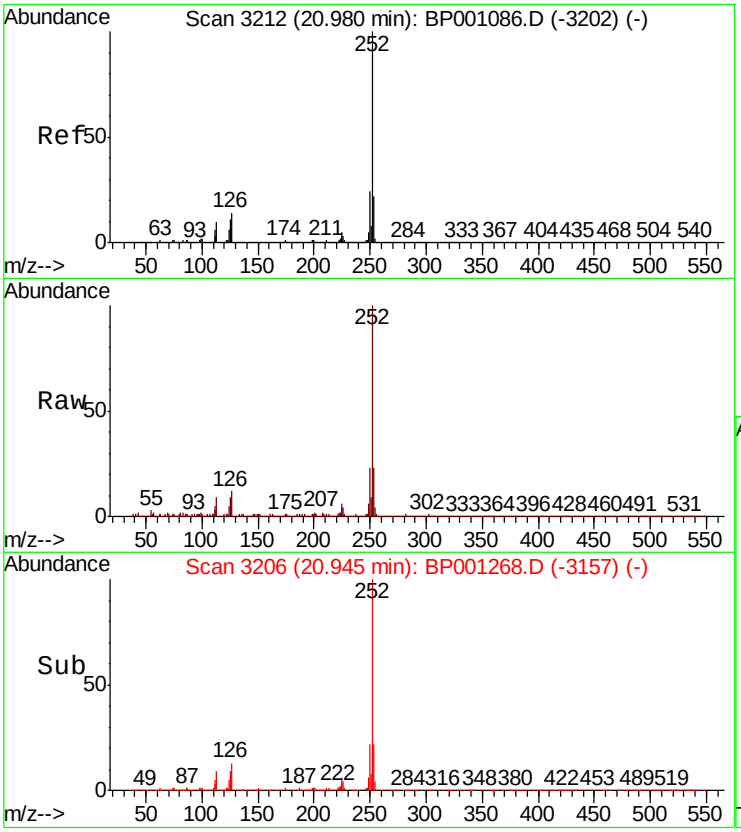


#89
Benzo(k)fluoranthene
Concen: 29.670 ng
RT: 20.53 min Scan# 3136
Delta R.T. -0.05 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:252 Resp: 461346

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.6	6.2	9.4



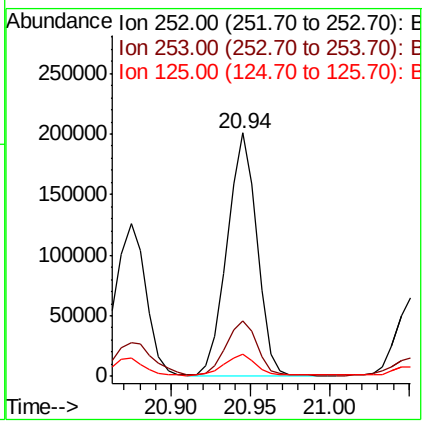


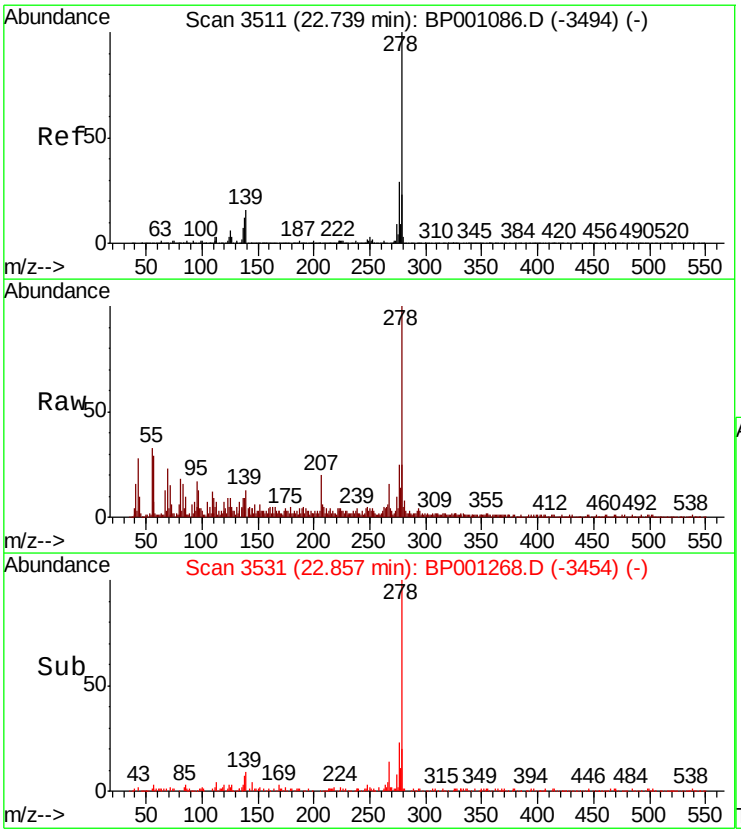
#90
Benzo(a)pyrene
Concen: 17.471 ng
RT: 20.94 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 259799

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	9.1	7.8	11.6

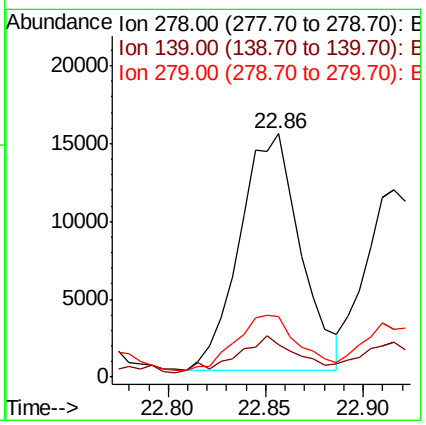


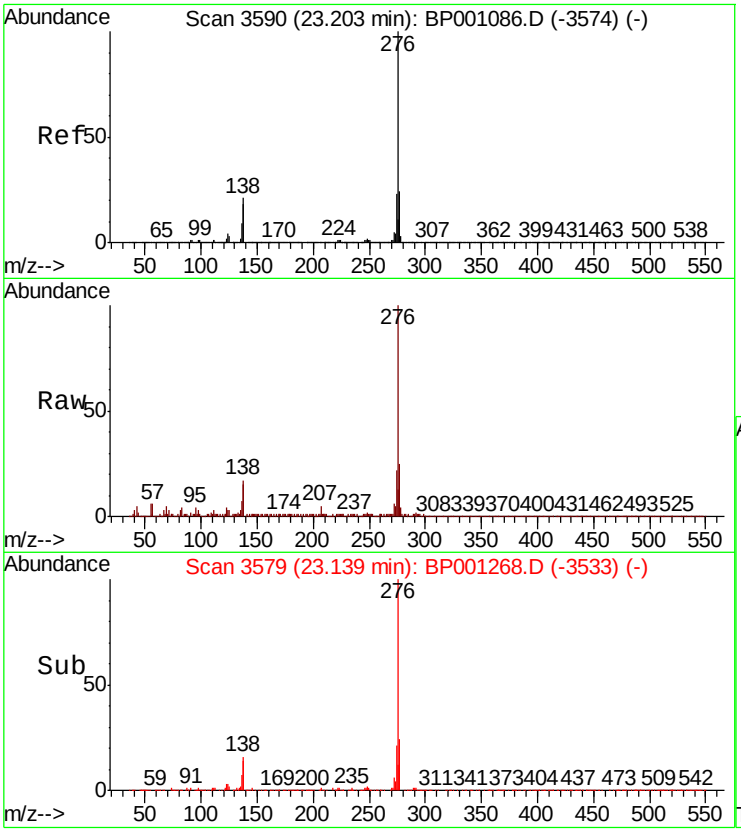


#91
Dibenzo(a,h)anthracene
Concen: 2.259 ng
RT: 22.86 min Scan# 3531
Delta R.T. 0.15 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Tgt Ion:278 Resp: 32868

Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.6	17.4
279	25.1	18.7	28.1





#92
Benzo(g,h,i)perylene
Concen: 11.855 ng
RT: 23.14 min Scan# 3579
Delta R.T. -0.03 min
Lab File: BP001268.D
Acq: 07 Dec 2019 22:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 170353

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	16.8	15.6	23.4