Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000376.D
Acq On : 23 Sep 2019 21:30
Operator : HP/JU
Sample : K4997-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 24 04:23:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	261971	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	911860	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	341140	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	691120	20.00	ng		0.00
76) Chrysene-d12	13.99	240	573500	20.00	ng		0.00
87) Perylene-d12	15.47	264	652448	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1955025	128.83	ng		0.02
7) Phenol-d6	6.43	99	2528624	135.94	ng		0.01
23) Nitrobenzene-d5	7.35	82	1420014	100.47	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	598798	176.97	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2857624	150.76	ng		0.00
79) Terphenyl-d14	12.93	244	2795409	102.26	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	3785	Below Cal		#	2
19) n-Nitroso-di-n-propylamine	7.35	70	176801	17.977	ng	#	74
25) Isophorone	7.35	82	1418448	50.685	ng	#	63
49) Acenaphthylene	9.69	152	164836	5.539	ng		99
50) Dimethylphthalate	9.55	163	173361	7.459	ng		98
67) 4-Bromophenyl-phenylether	10.63	248	40452	5.176	ng	#	1
69) Atrazine	11.03	200	195	Below Cal		#	1
71) Phenanthrene	11.35	178	539143	15.567	ng		99
72) Anthracene	11.40	178	144942	4.066	ng		99
75) Fluoranthene	12.55	202	846424	22.760	ng		97
78) Pyrene	12.78	202	968633	22.575	ng		99
81) Benzo(a)anthracene	14.02	228	477892	13.192	ng		94
83) Chrysene	14.02	228	477892	13.436	ng		96
88) Benzo(b)fluoranthene	15.05	252	683015	17.548	ng		98
89) Benzo(k)fluoranthene	15.05	252	683015	20.117	ng		98
90) Benzo(a)pyrene	15.41	252	402224	11.357	ng		97
91) Dibenzo(a,h)anthracene	16.97	278	70489	2.135	ng	#	91
92) Benzo(g,h,i)perylene	17.40	276	276272	8.140	ng		97

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

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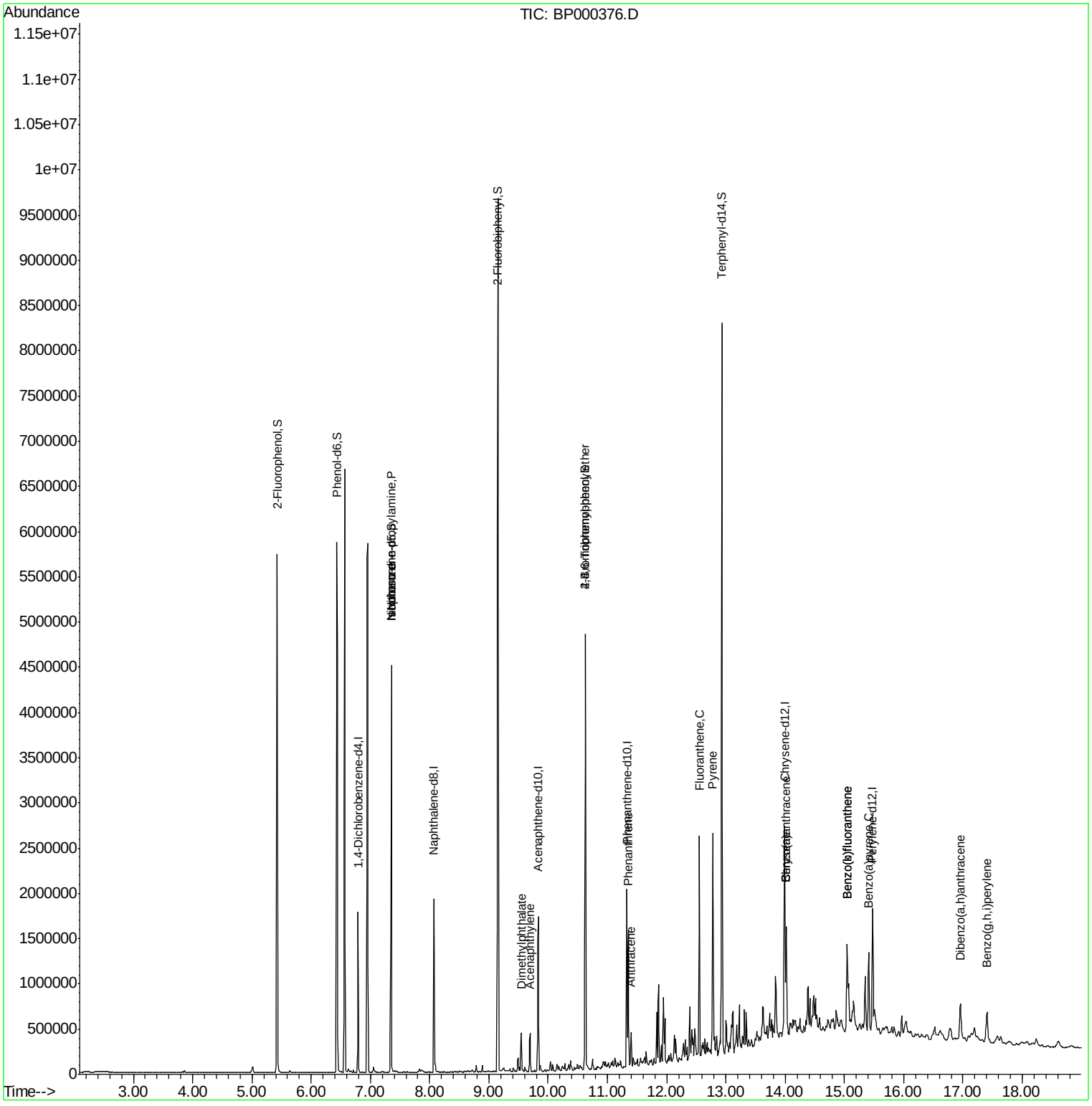
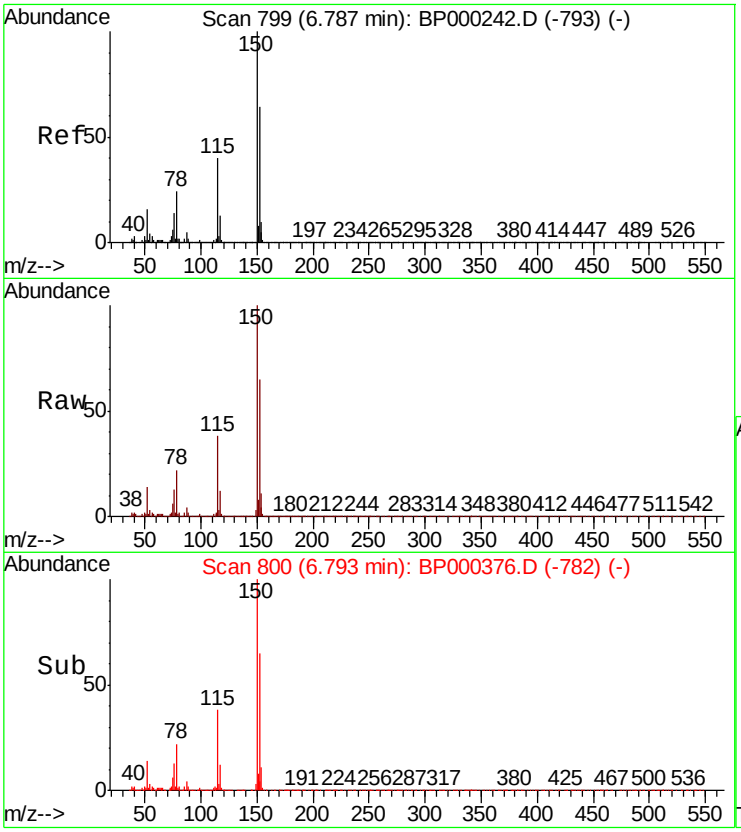


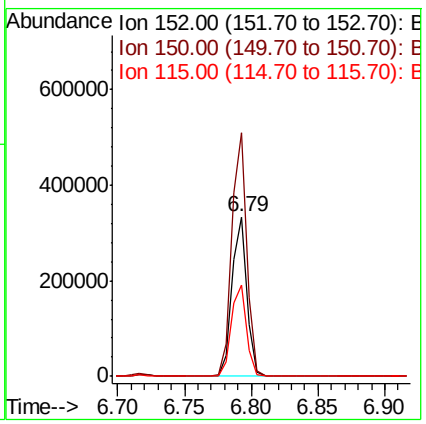


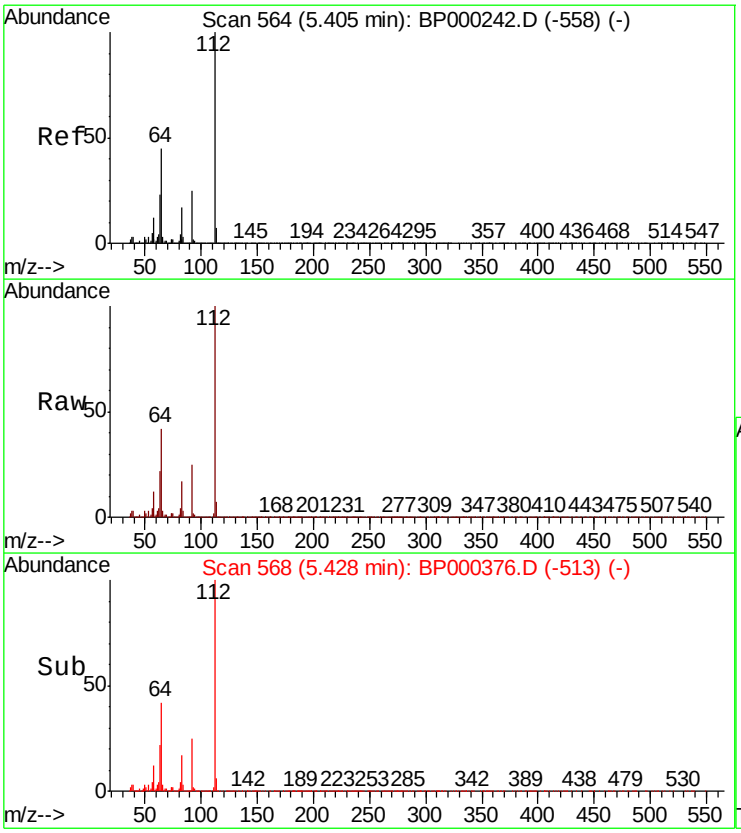
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 261971

Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.2	187.8
115	57.6	49.7	74.5

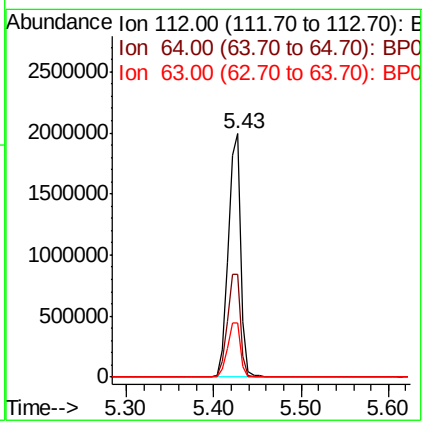


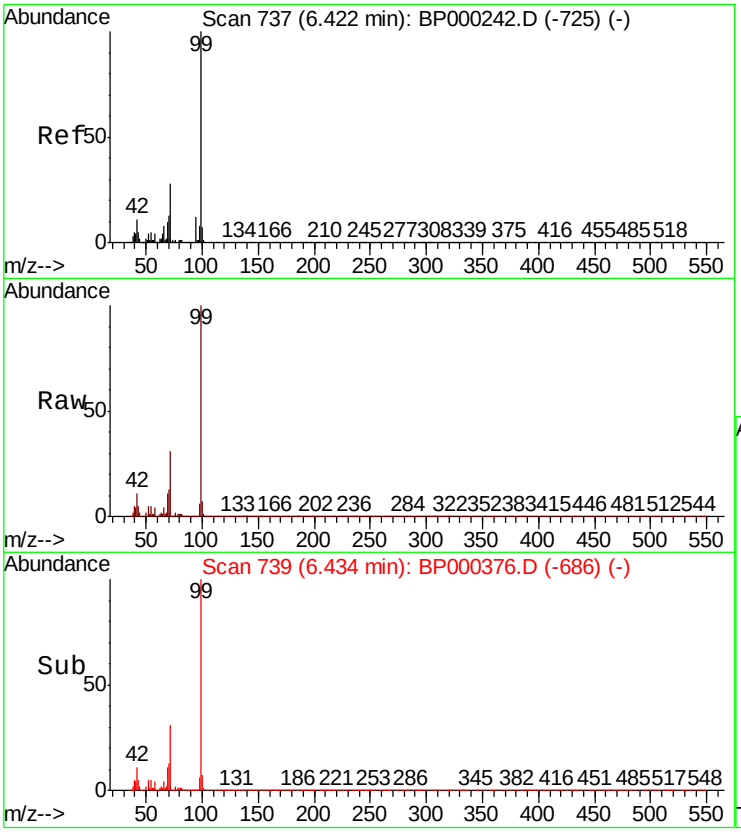


#5
2-Fluorophenol
Concen: 128.833 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:112 Resp: 1955025

Ion	Ratio	Lower	Upper
112	100		
64	42.3	36.2	54.4
63	22.2	18.3	27.5



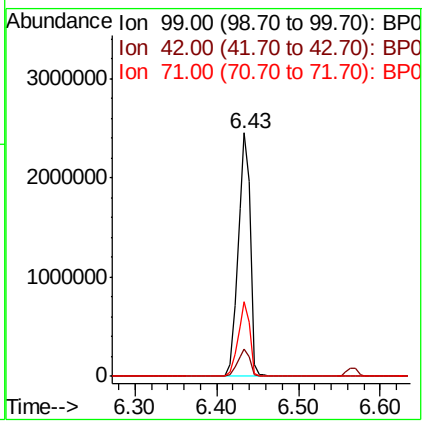


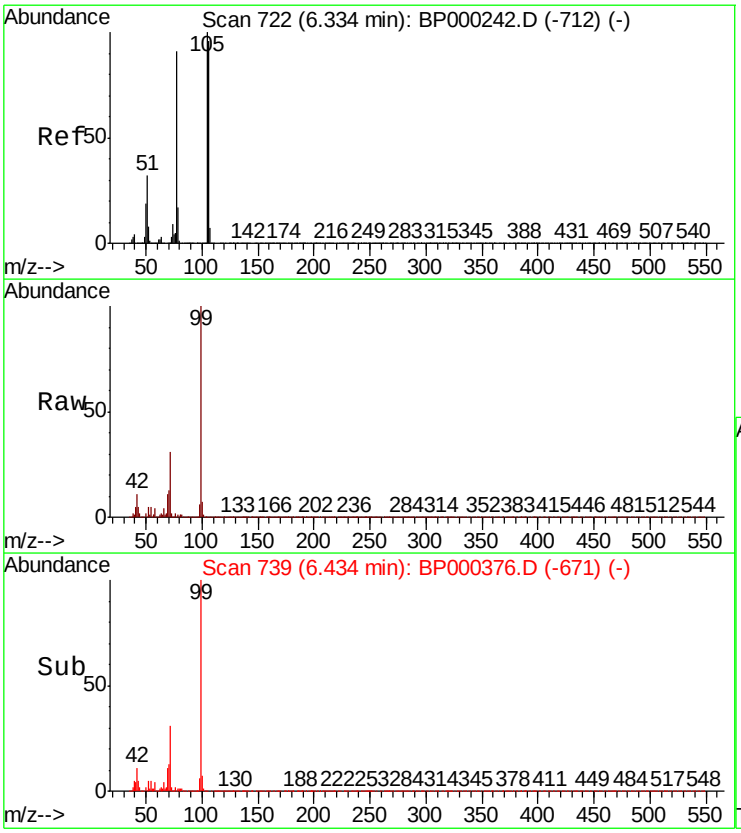
#7
Phenol-d6
Concen: 135.939 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2528624

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.5	12.7
71	30.9	22.6	34.0

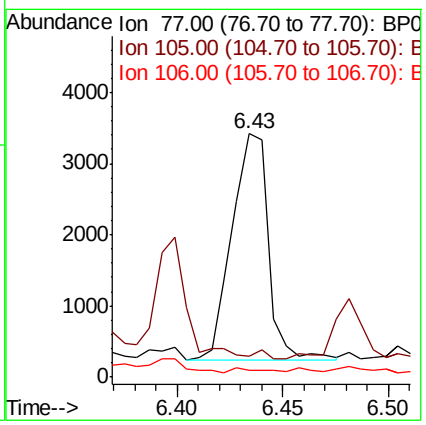


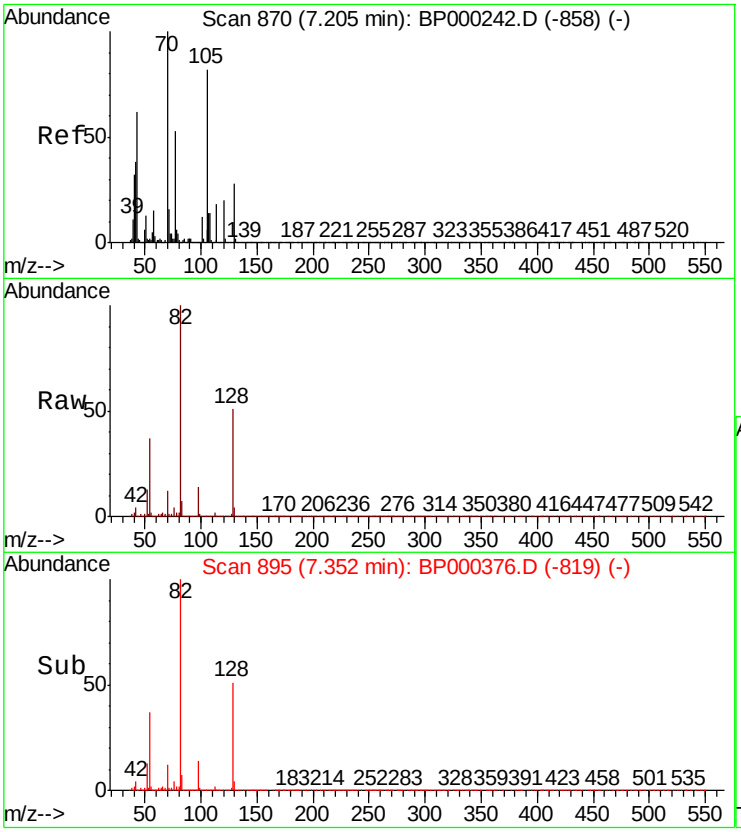


#9
Benzaldehyde
Concen: Below Cal
RT: 6.43 min Scan# 739
Delta R.T. 0.10 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion: 77 Resp: 3785

Ion	Ratio	Lower	Upper
77	100		
105	8.5	89.6	129.6#
106	2.8	84.6	124.6#



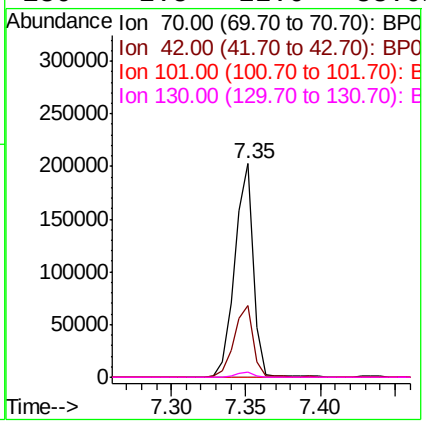


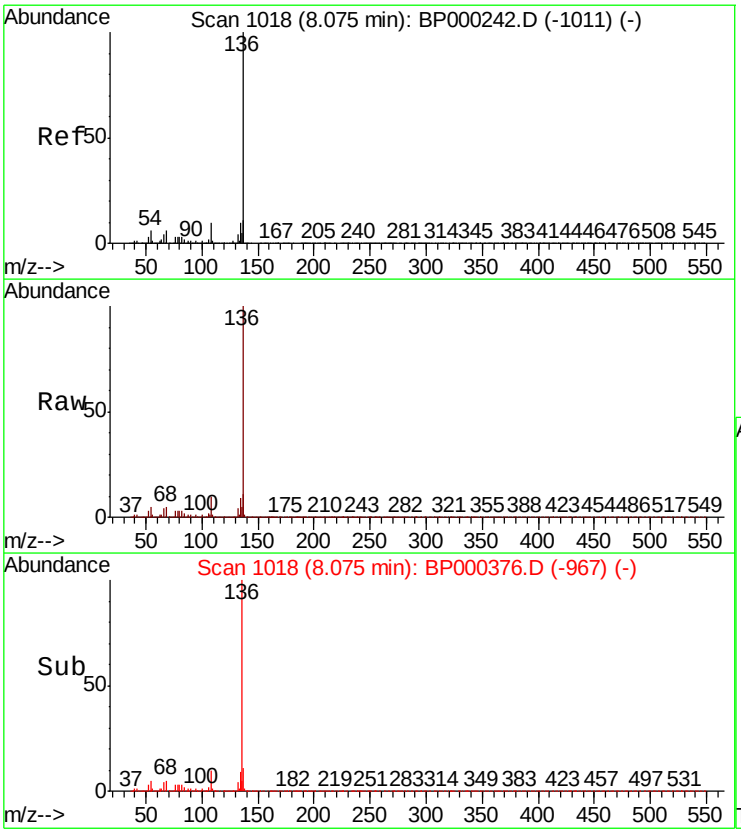
#19
n-Nitroso-di-n-propylamine
Concen: 17.977 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 176801

Ion	Ratio	Lower	Upper
70	100		
42	33.4	30.7	46.1
101	0.0	9.6	14.4#
130	2.5	22.0	33.0#

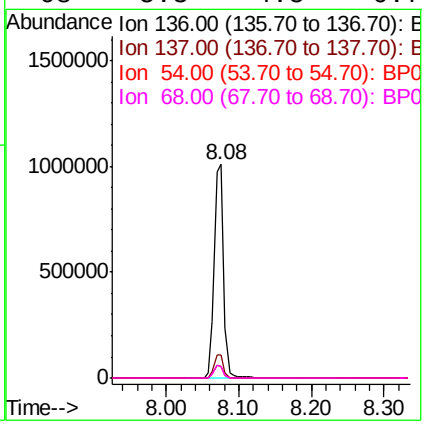


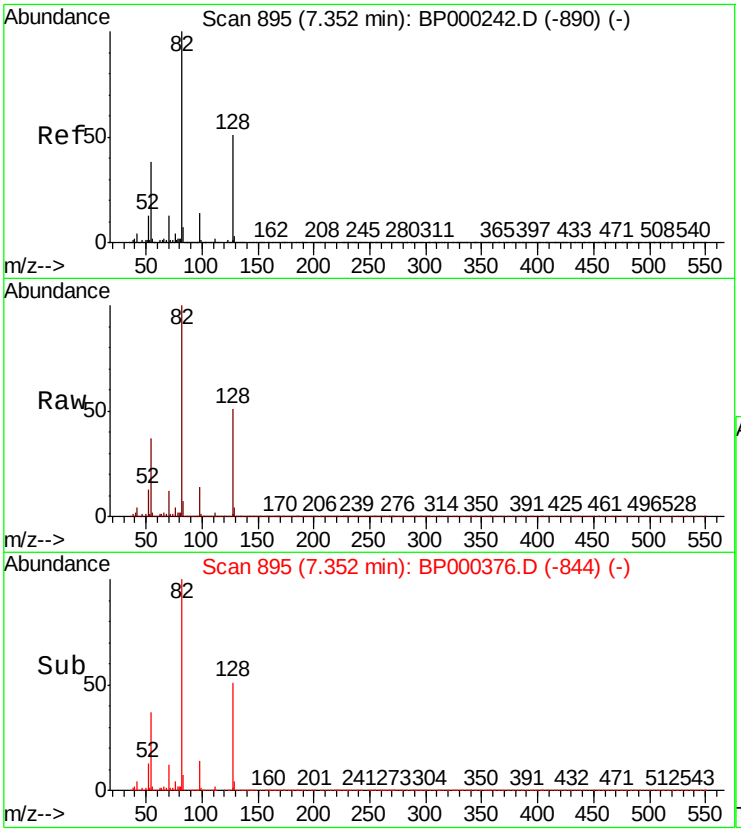


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:136 Resp: 911860

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.2	4.5	6.7
68	5.3	4.5	6.7



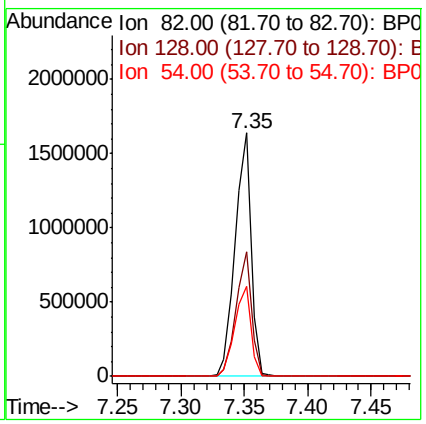


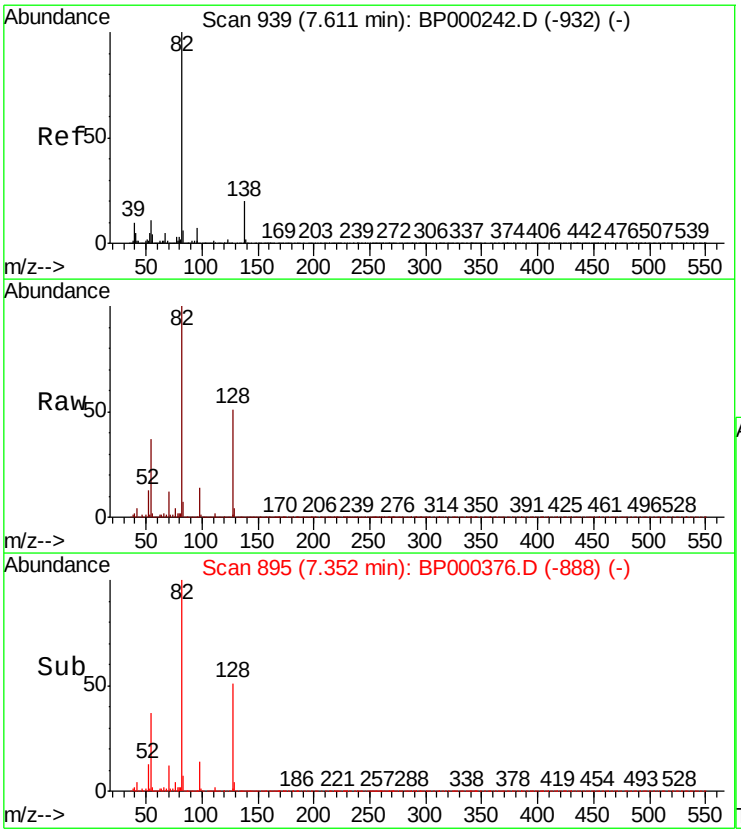
#23
Nitrobenzene-d5
Concen: 100.474 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1420014

Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.7	61.1
54	36.9	30.1	45.1

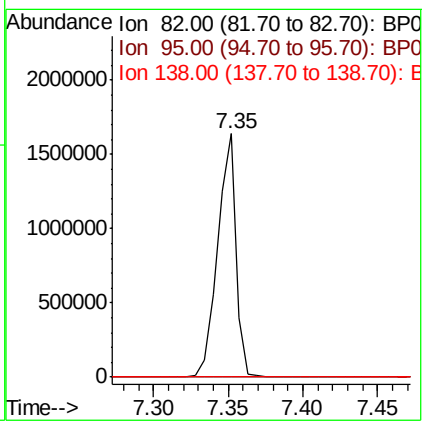


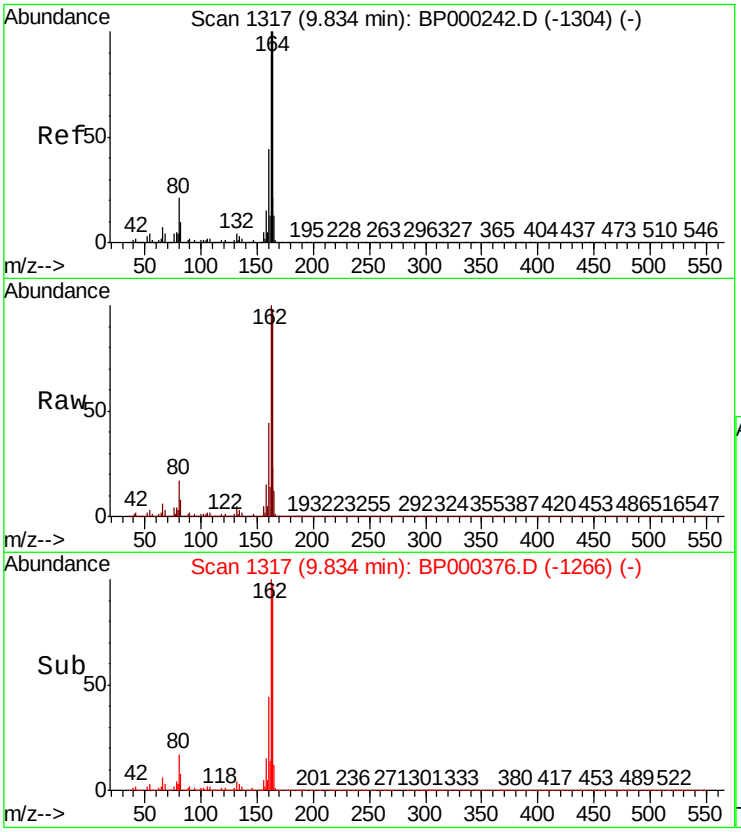


#25
Isophorone
Concen: 50.685 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion: 82 Resp: 1418448

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.9	23.9#



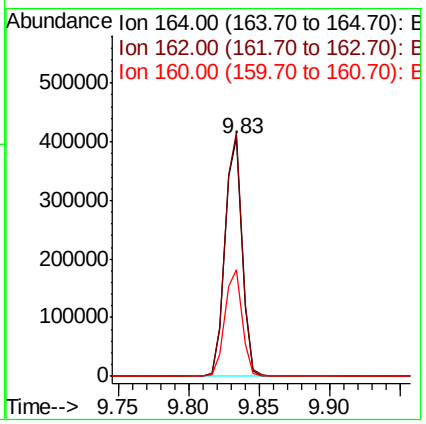


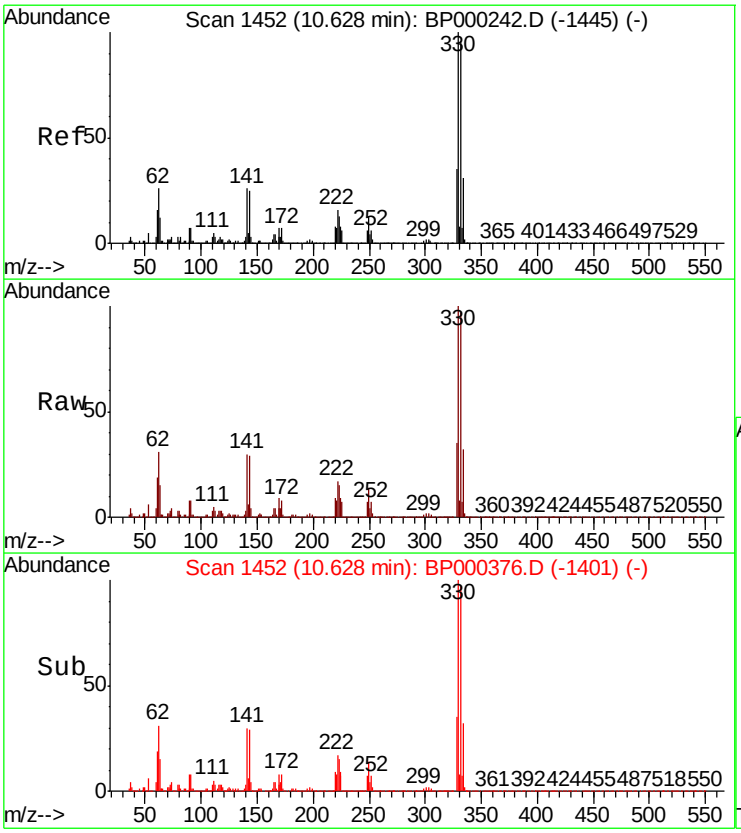
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 341140

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.9	119.9
160	44.7	35.6	53.4

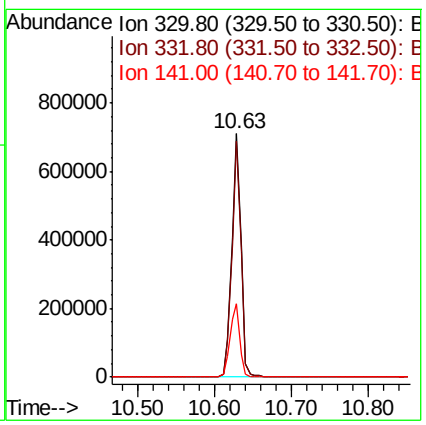


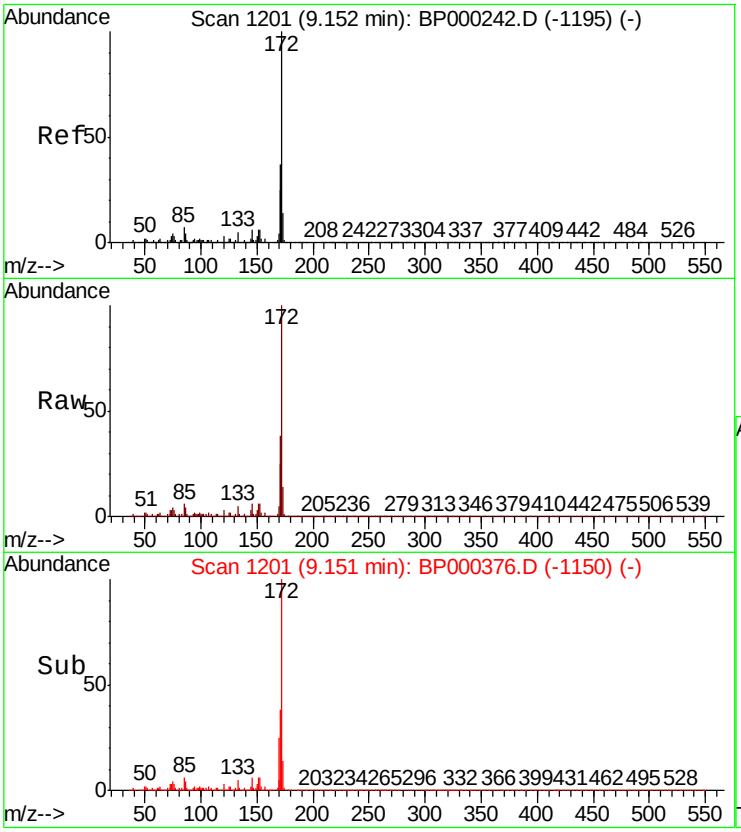


#42
2,4,6-Tribromophenol
Concen: 176.968 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:330 Resp: 598798

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	31.5	26.5	39.7



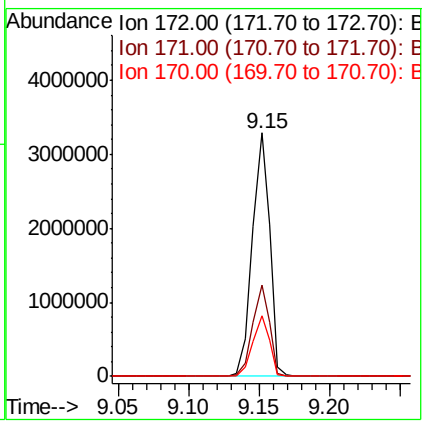


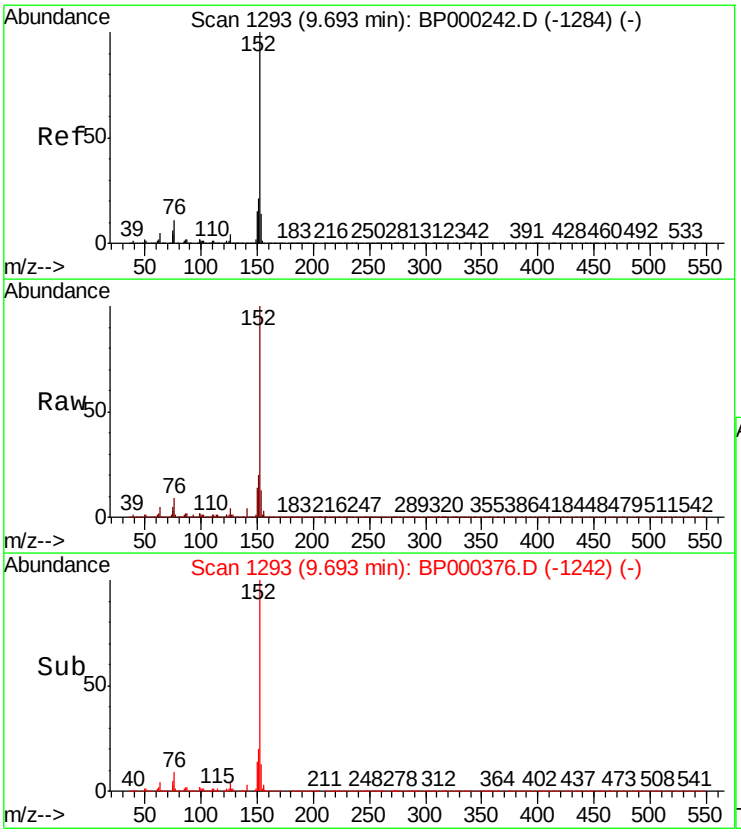
#45
2-Fluorobiphenyl
Concen: 150.764 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 2857624

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.1	19.8	29.6

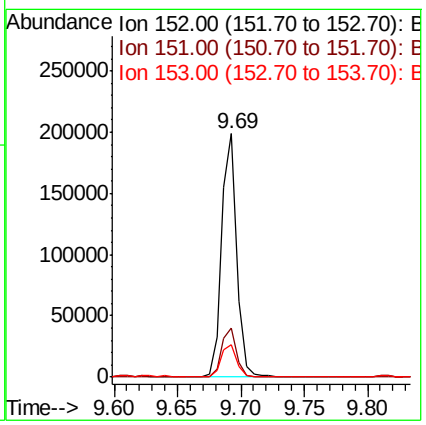


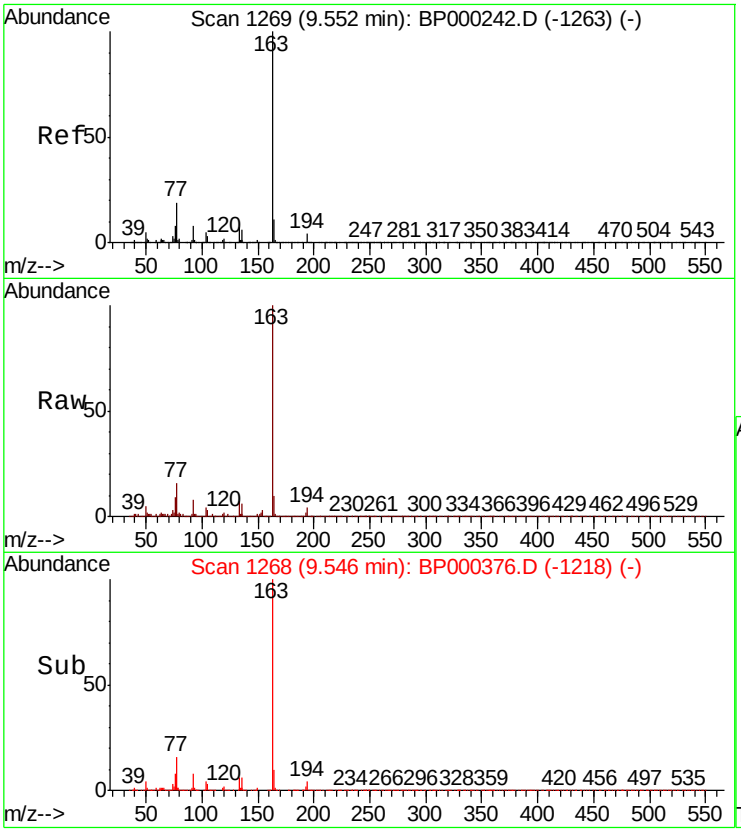


#49
Acenaphthylene
Concen: 5.539 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:152 Resp: 164836

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.5	11.0	16.4



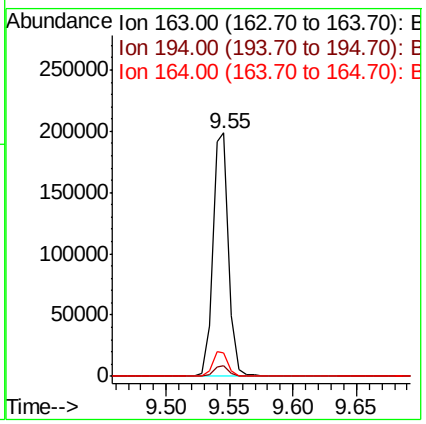


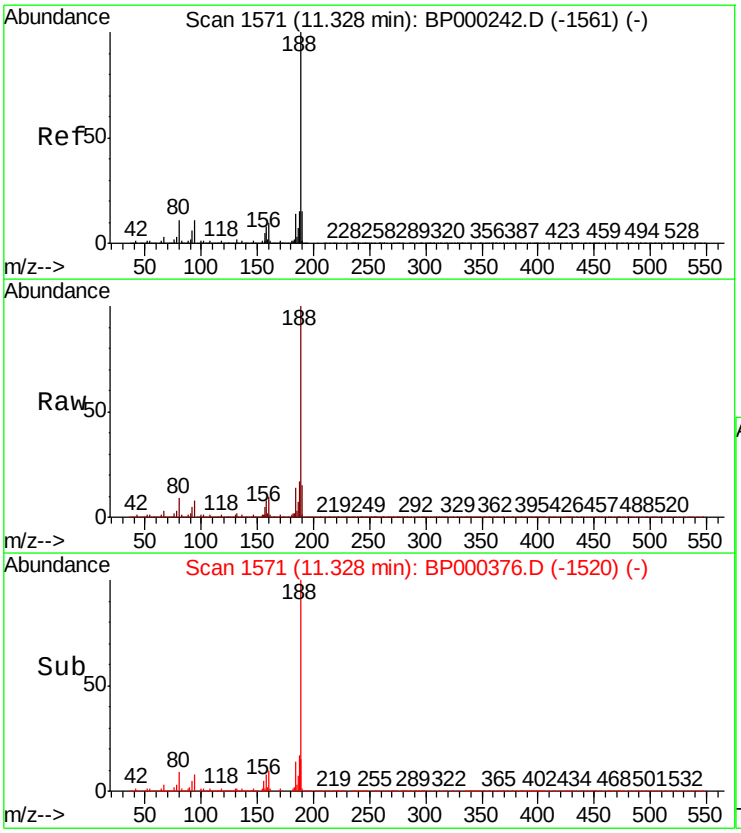
#50
Dimethylphthalate
Concen: 7.459 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 173361

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	8.5	12.7

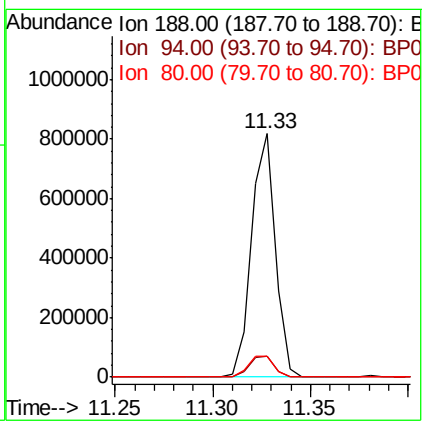


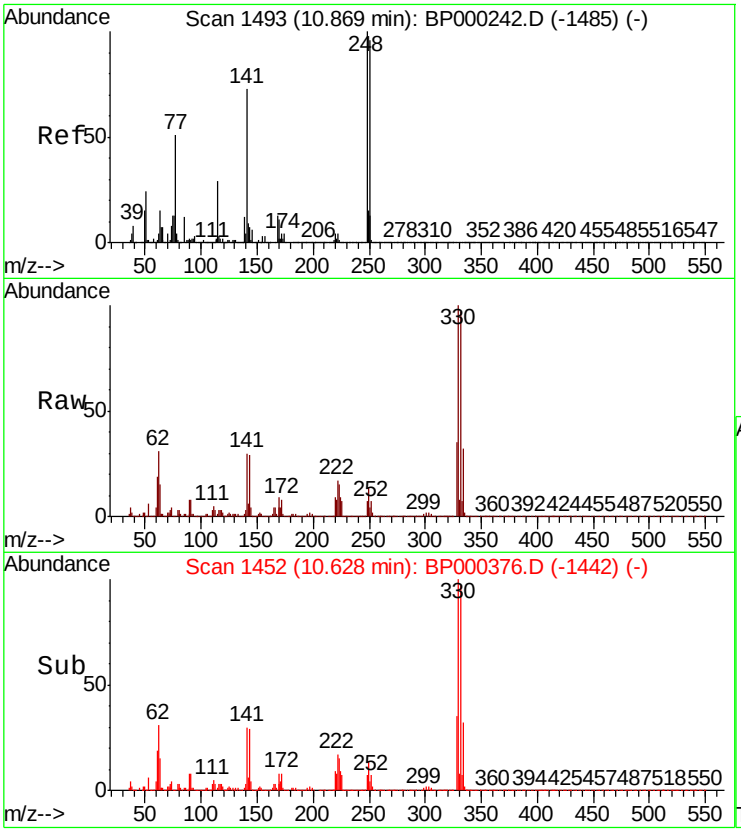


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:188 Resp: 691120

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	8.6	8.6	13.0#



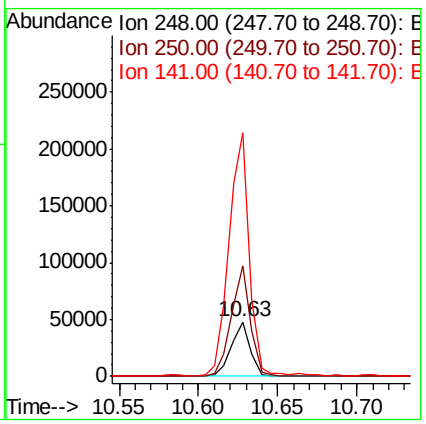


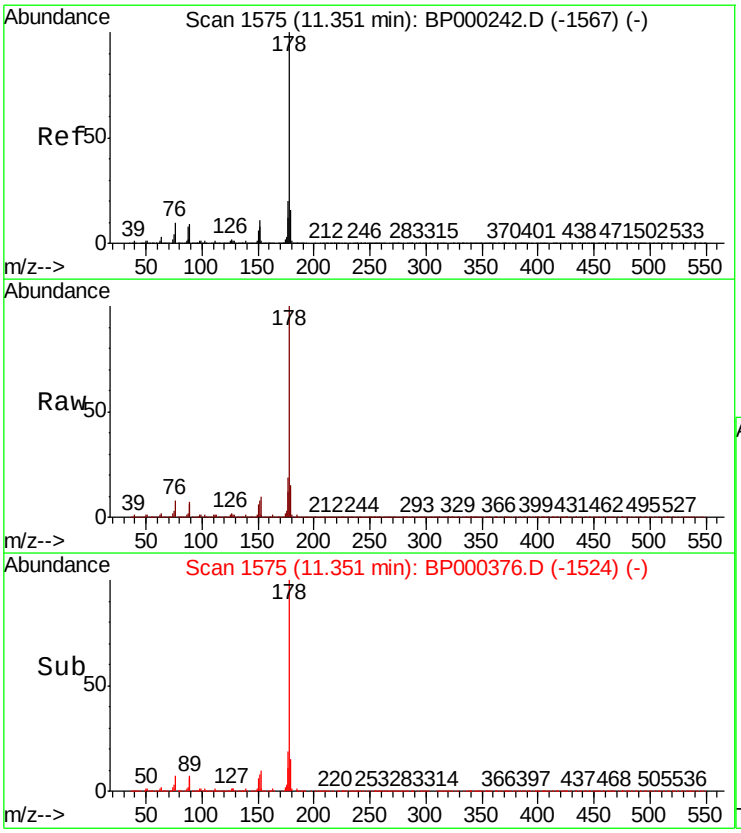
#67
4-Bromophenyl-phenylether
Concen: 5.176 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 40452

Ion	Ratio	Lower	Upper
248	100		
250	201.0	77.0	115.4#
141	444.4	58.5	87.7#

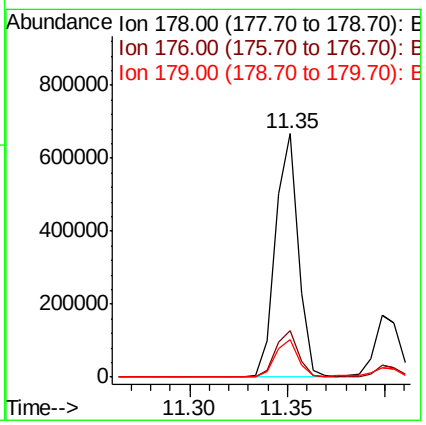


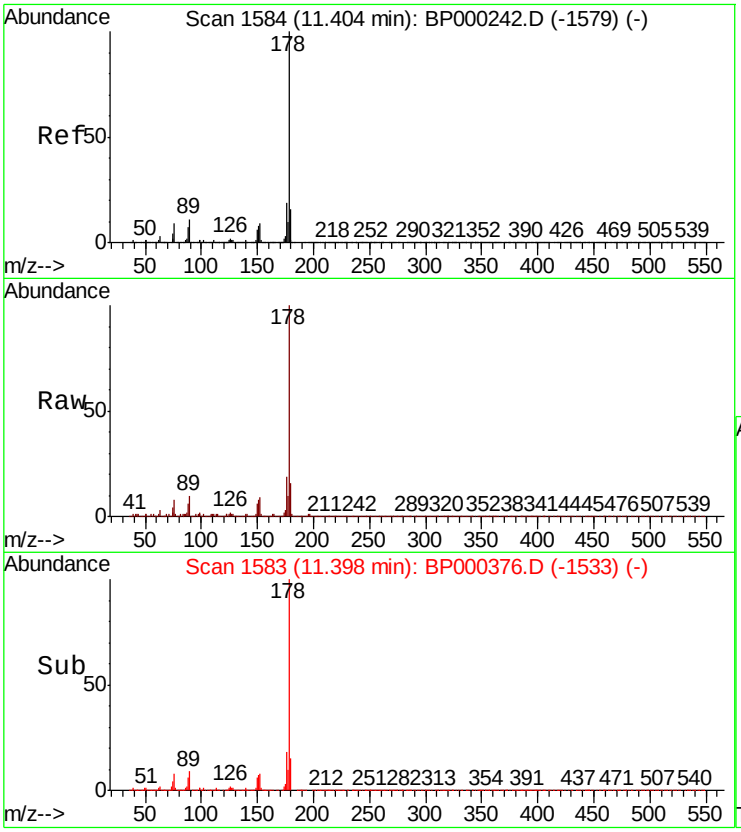


#71
Phenanthrene
Concen: 15.567 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:178 Resp: 539143

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	12.7	19.1



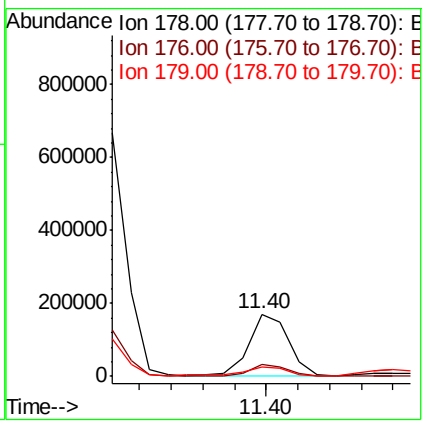


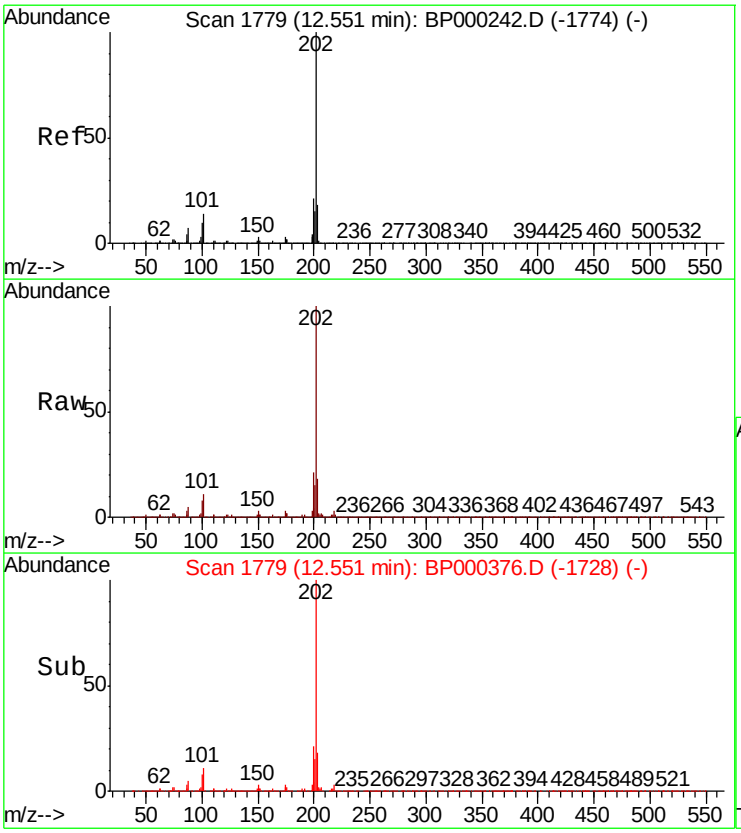
#72
Anthracene
Concen: 4.066 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 144942

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	16.1	12.7	19.1

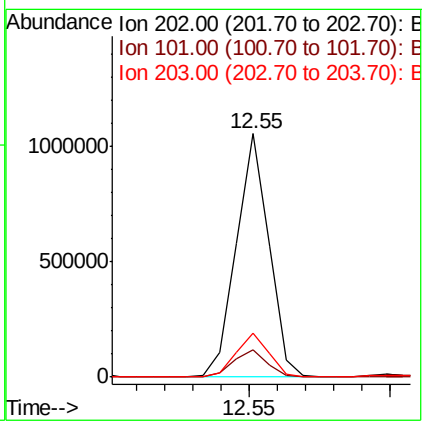


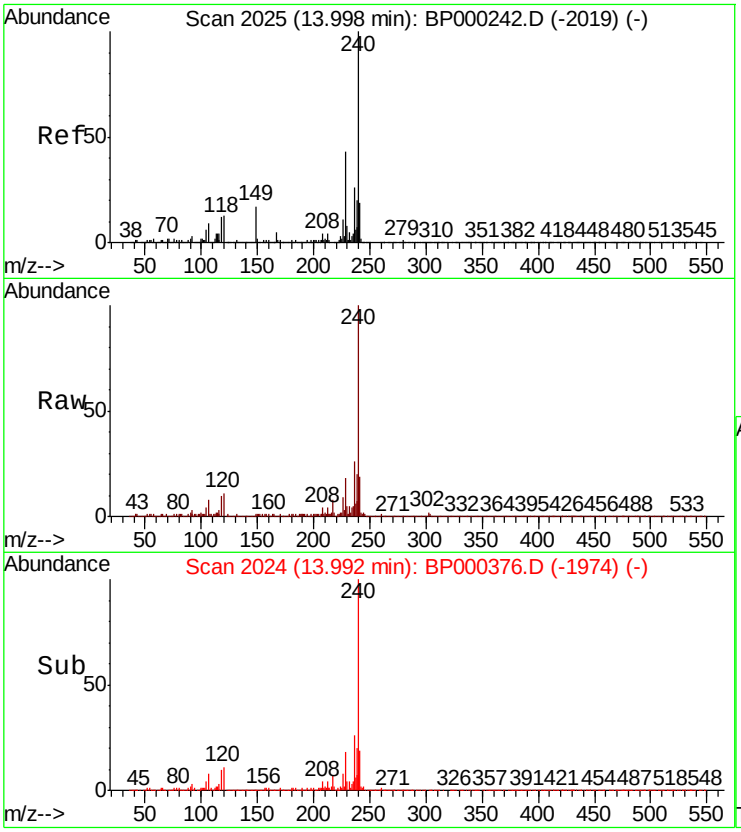


#75
Fluoranthene
Concen: 22.760 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:202 Resp: 846424

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.9
203	18.0	0.0	38.0



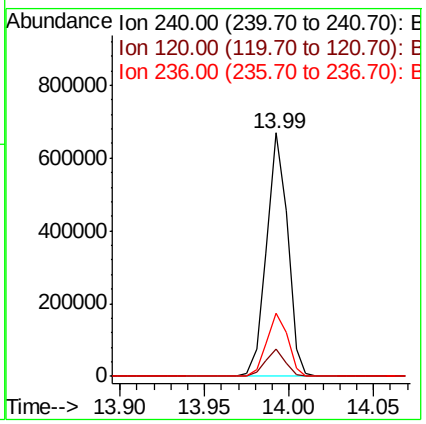


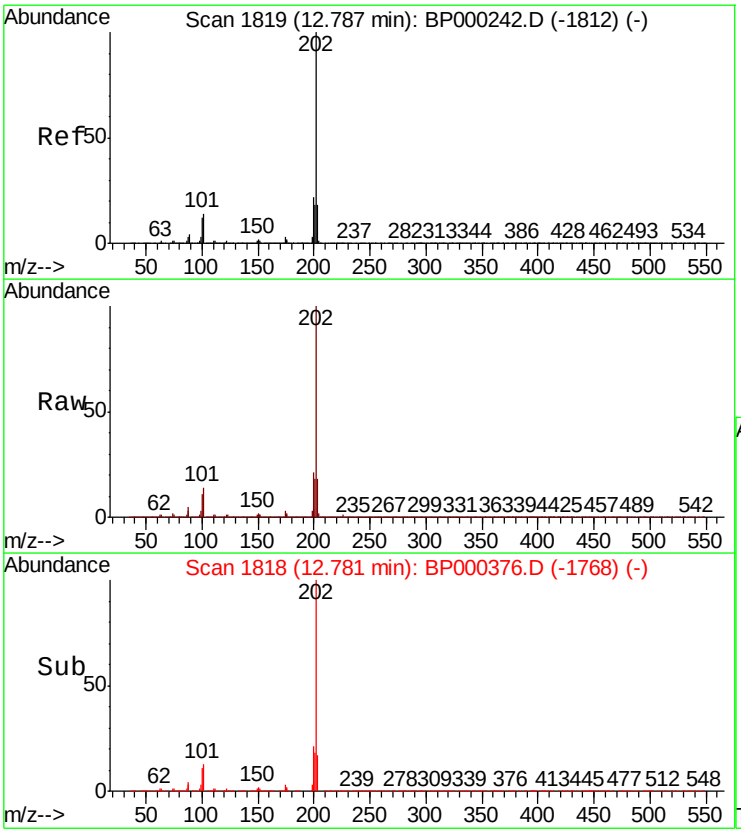
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 573500

Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.4	15.6
236	26.1	21.0	31.6

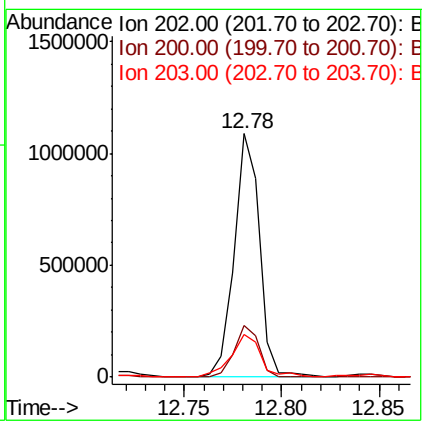


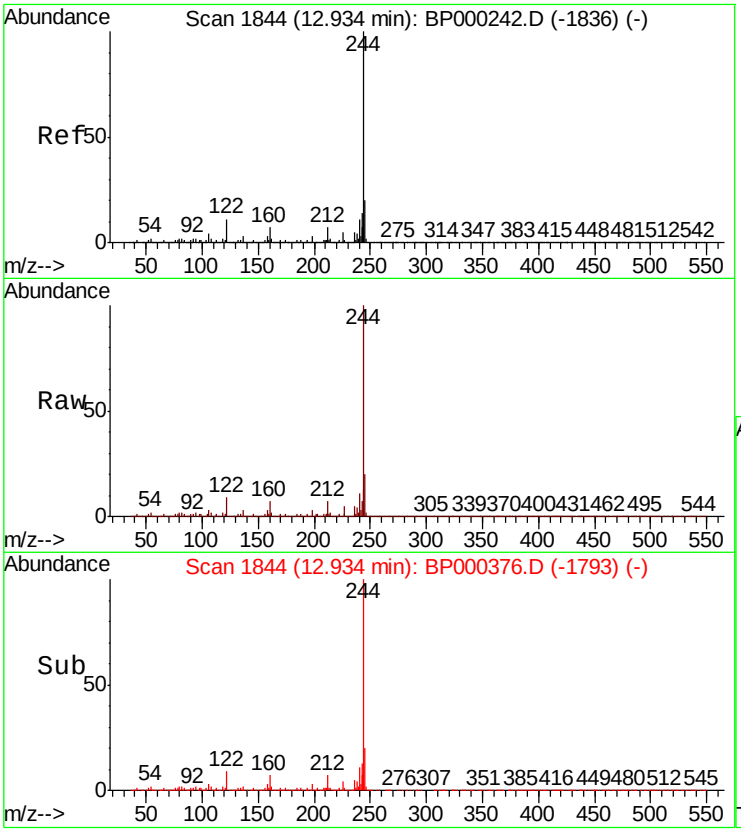


#78
Pyrene
Concen: 22.575 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:202 Resp: 968633

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.8	14.3	21.5



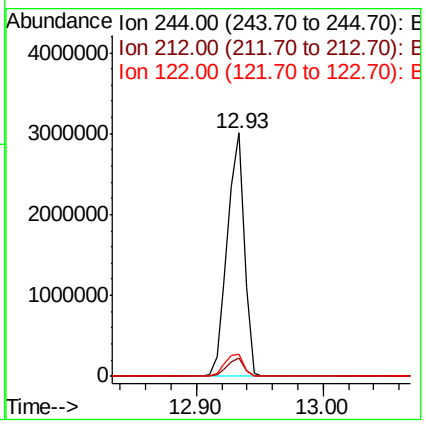


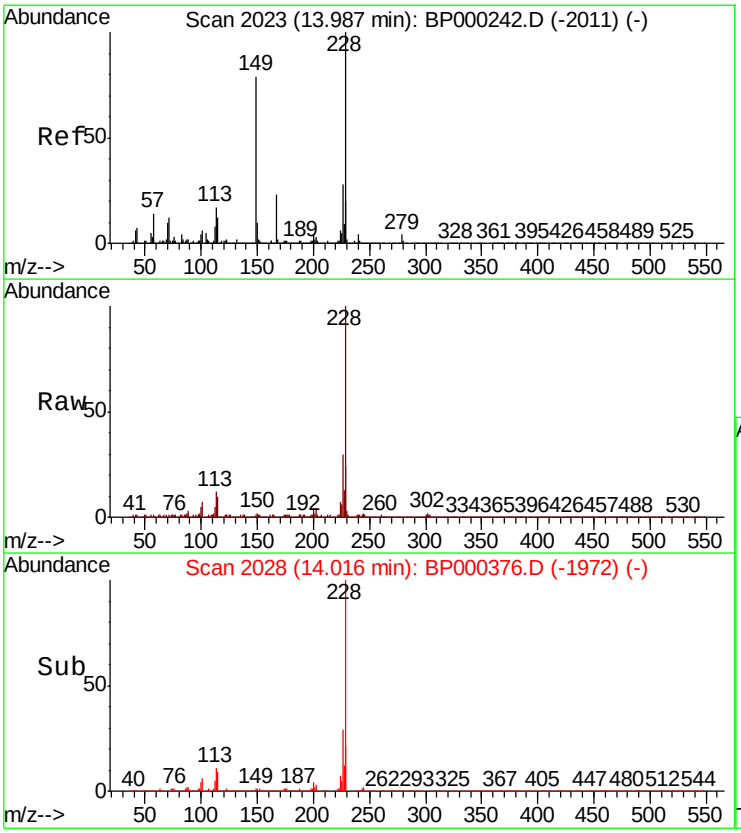
#79
Terphenyl-d14
Concen: 102.255 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2795409

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.1	9.0	13.4

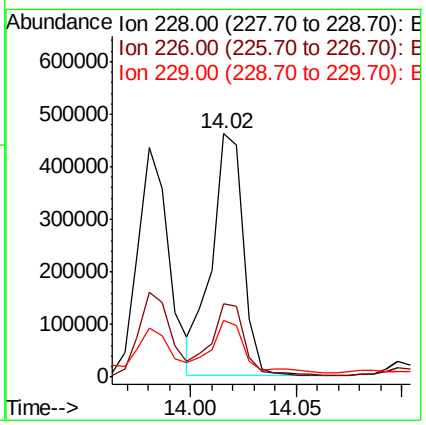


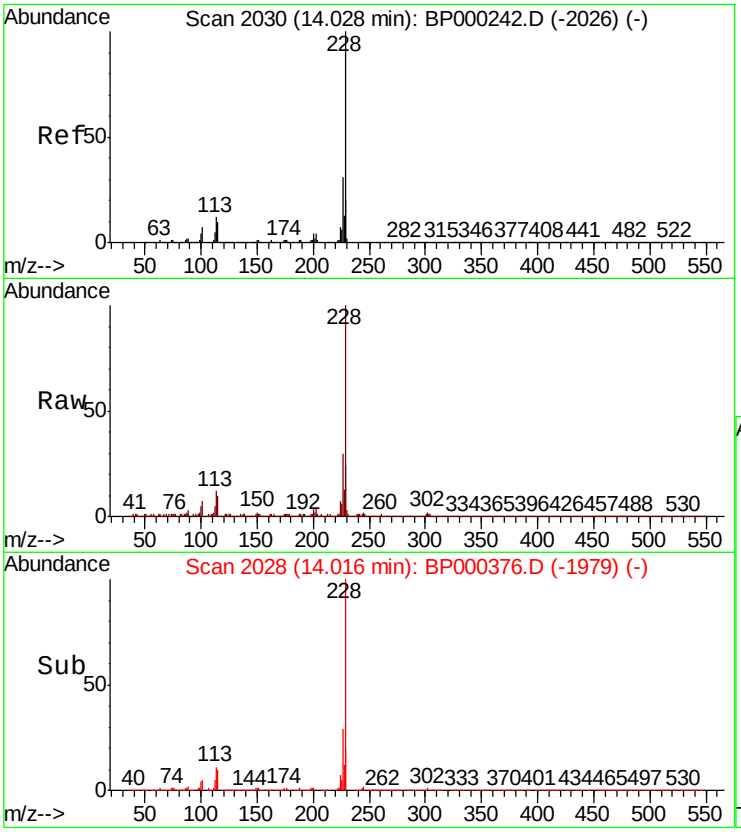


#81
Benzo(a)anthracene
Concen: 13.192 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.03 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:228 Resp: 477892

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.2	33.4
229	23.5	16.0	24.0



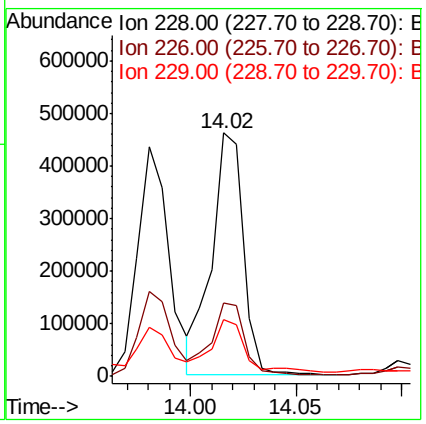


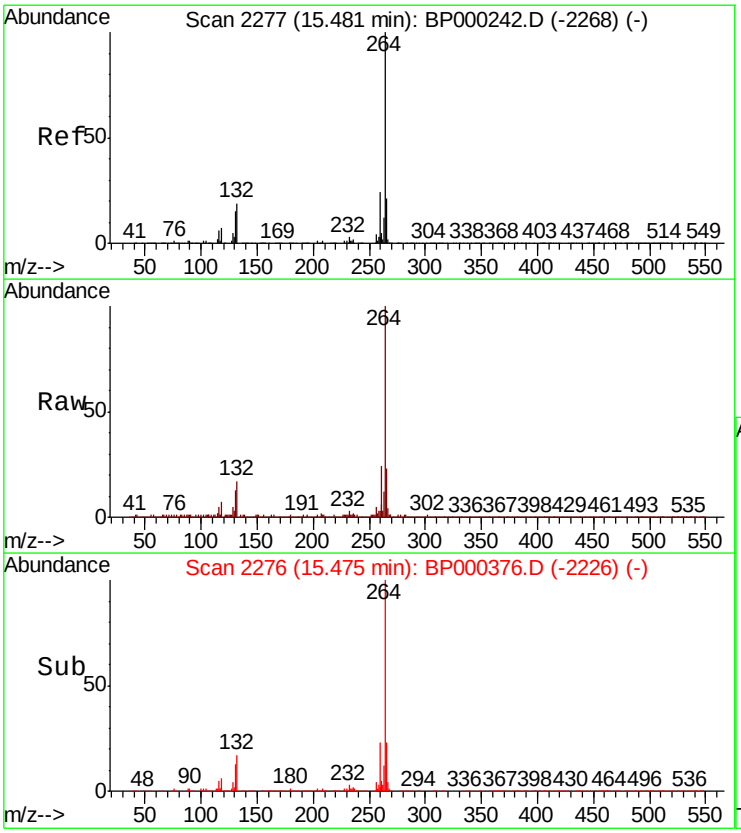
#83
Chrysene
Concen: 13.436 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 477892

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	23.5	16.2	24.2

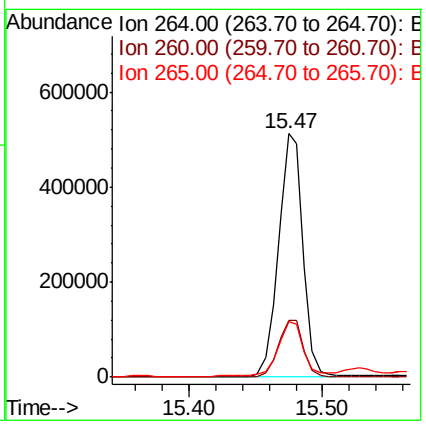


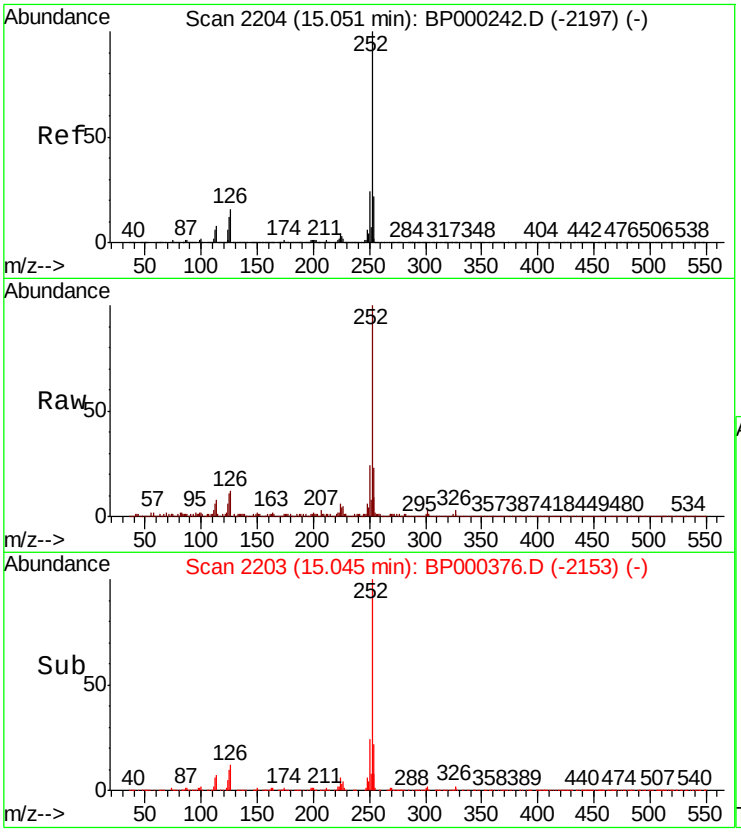


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:264 Resp: 652448

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.9	17.2	25.8



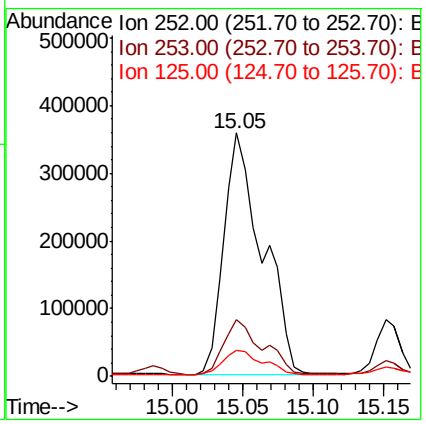


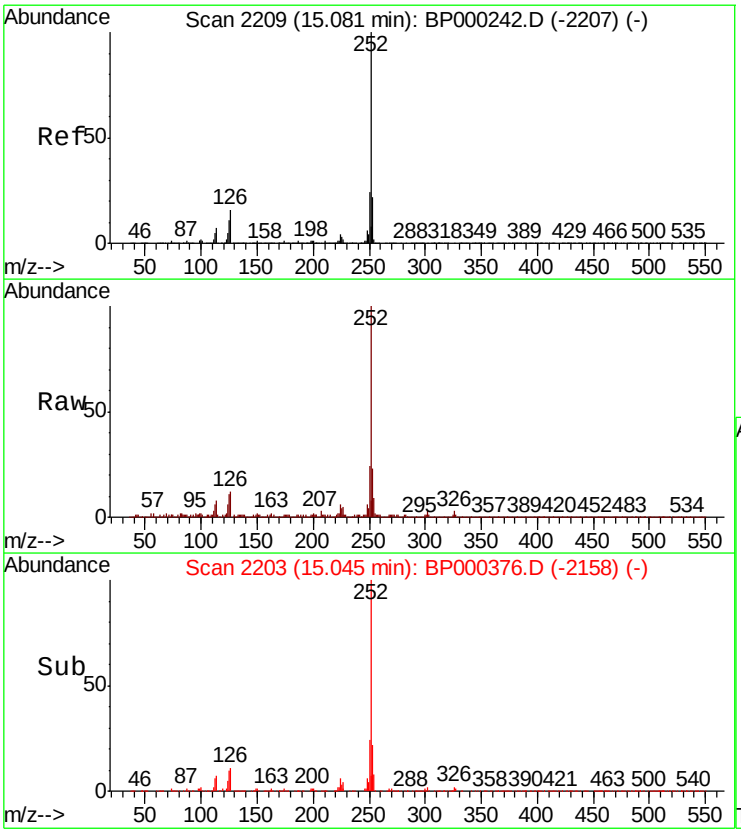
#88
Benzo(b)fluoranthene
Concen: 17.548 ng
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 683015

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	10.9	9.5	14.3

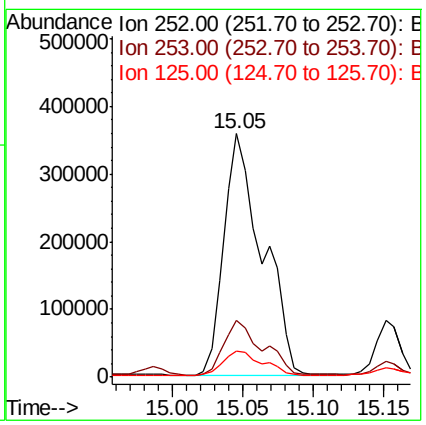


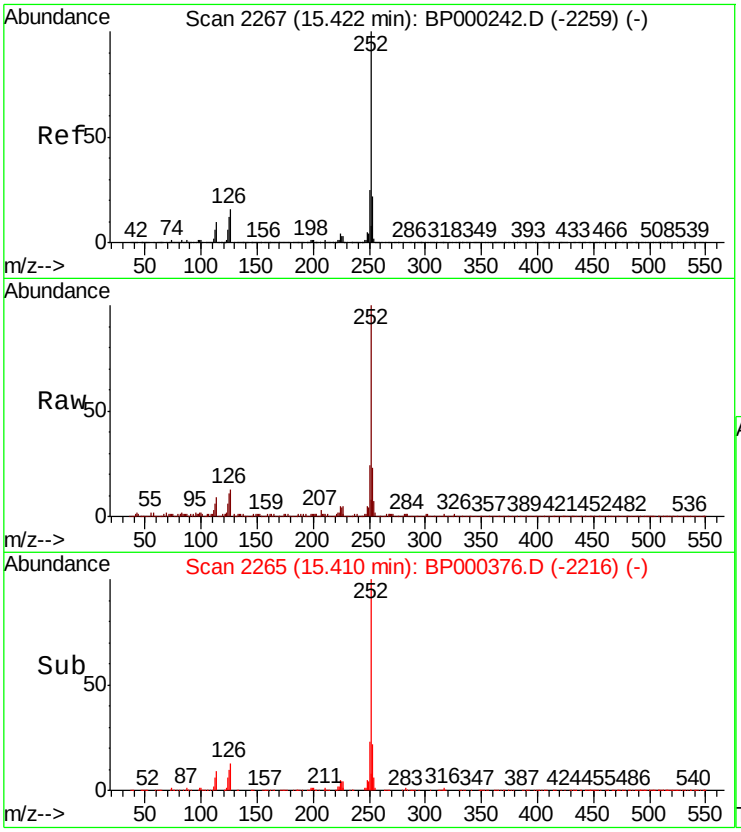


#89
Benzo(k)fluoranthene
Concen: 20.117 ng
RT: 15.05 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:252 Resp: 683015

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.9	9.6	14.4



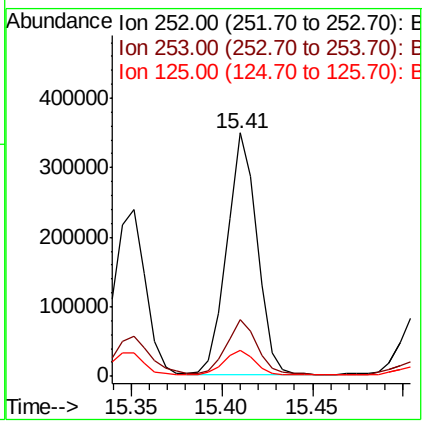


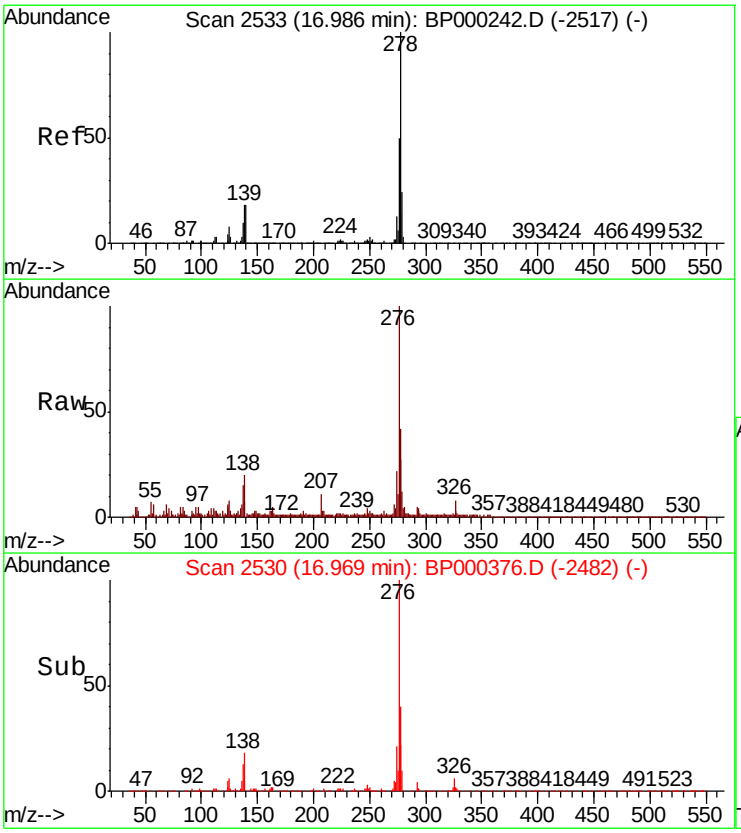
#90
Benzo(a)pyrene
Concen: 11.357 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 402224

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	10.8	10.0	15.0

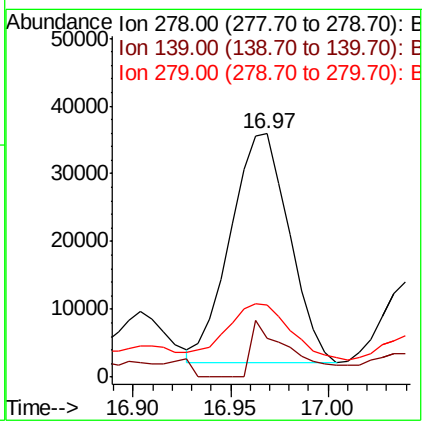


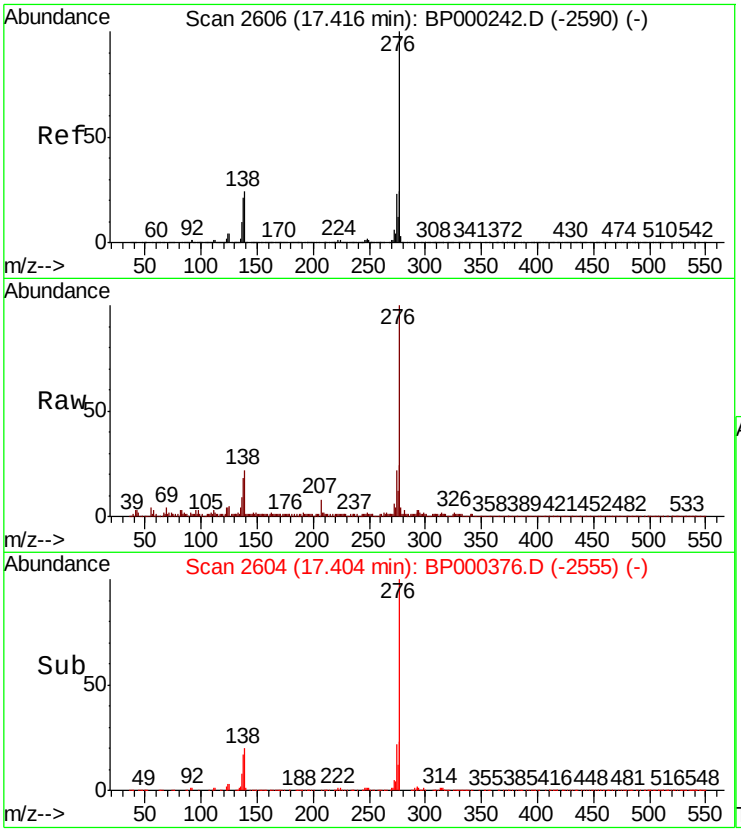


#91
Dibenzo(a,h)anthracene
Concen: 2.135 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Tgt Ion:278 Resp: 70489

Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.5	21.7
279	29.7	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 8.140 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BP000376.D
Acq: 23 Sep 2019 21:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 276272

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	21.5	19.5	29.3