Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP101419\
Data File : BP000705.D
Acq On : 14 Oct 2019 13:04
Operator : JU
Sample : K5348-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 15 03:54:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	212995	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	767524	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	412620	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	767880	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	666305	20.00	ng		-0.01
87) Perylene-d12	15.45	264	768536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	173198	13.07	ng		-0.02
7) Phenol-d6	6.39	99	1236097	77.41	ng		-0.02
23) Nitrobenzene-d5	7.31	82	819854	65.24	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	14378	3.27	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1376724	53.99	ng		-0.02
79) Terphenyl-d14	12.90	244	1632984	49.62	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	39729	4.777	ng		96
10) Phenol	6.40	94	72140	4.413	ng		90
50) Dimethylphthalate	9.51	163	319499	11.144	ng		99
71) Phenanthrene	11.32	178	119319	3.094	ng		98
72) Anthracene	11.37	178	83140	2.174	ng		98
75) Fluoranthene	12.52	202	417286	9.634	ng		99
78) Pyrene	12.75	202	419273	9.124	ng		99
81) Benzo(a)anthracene	13.96	228	261925	6.443	ng	#	86
83) Chrysene	14.00	228	261229	6.547	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	127769	5.073	ng	#	97
86) Indeno(1,2,3-cd)pyrene	16.92	276	171983	3.450	ng		96
88) Benzo(b)fluoranthene	15.02	252	358888m	8.231	ng		
89) Benzo(k)fluoranthene	15.05	252	100251m	2.415	ng		
90) Benzo(a)pyrene	15.39	252	283681	6.980	ng		97
92) Benzo(g,h,i)perylene	17.36	276	182575	4.558	ng		97

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

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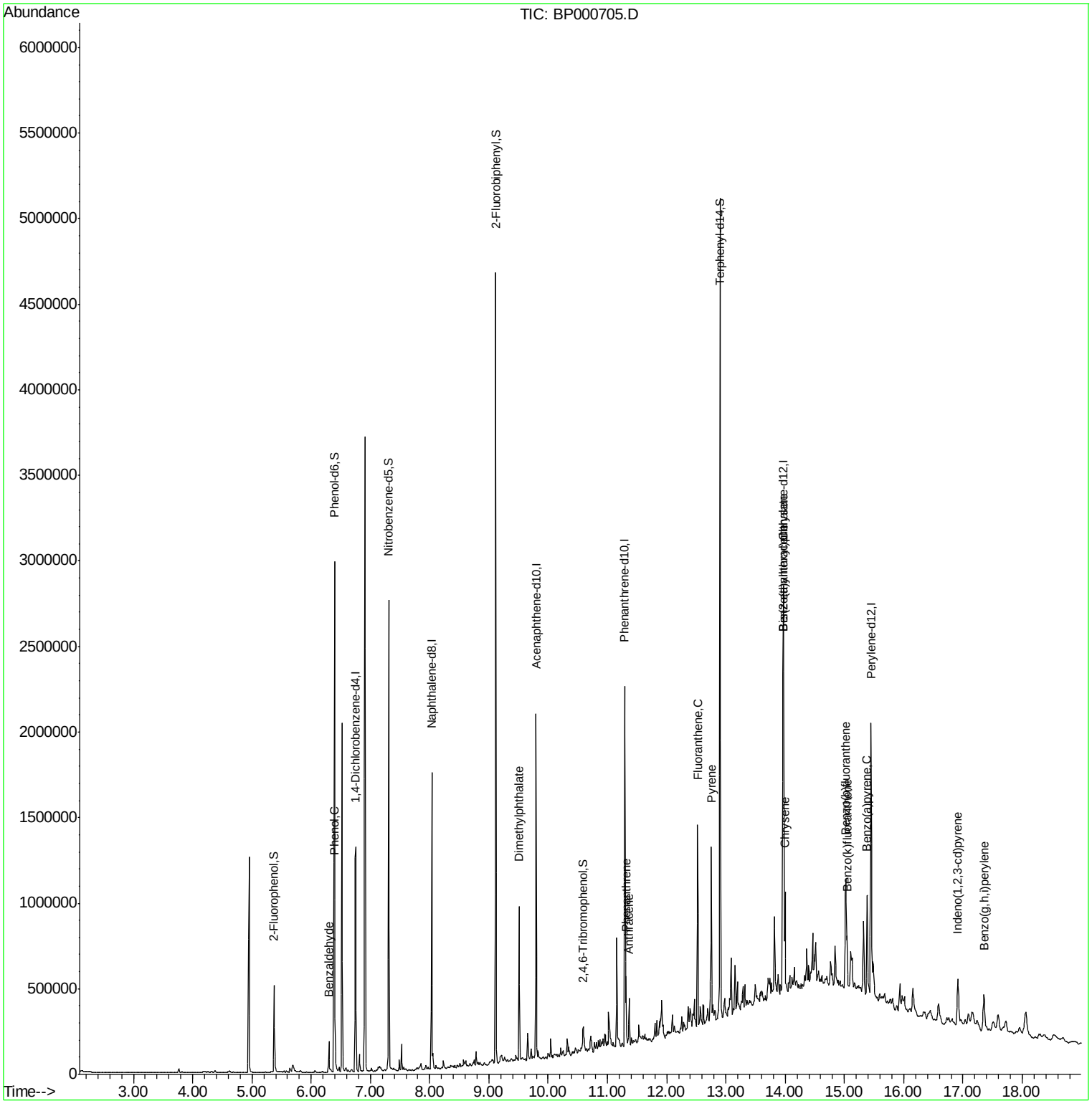
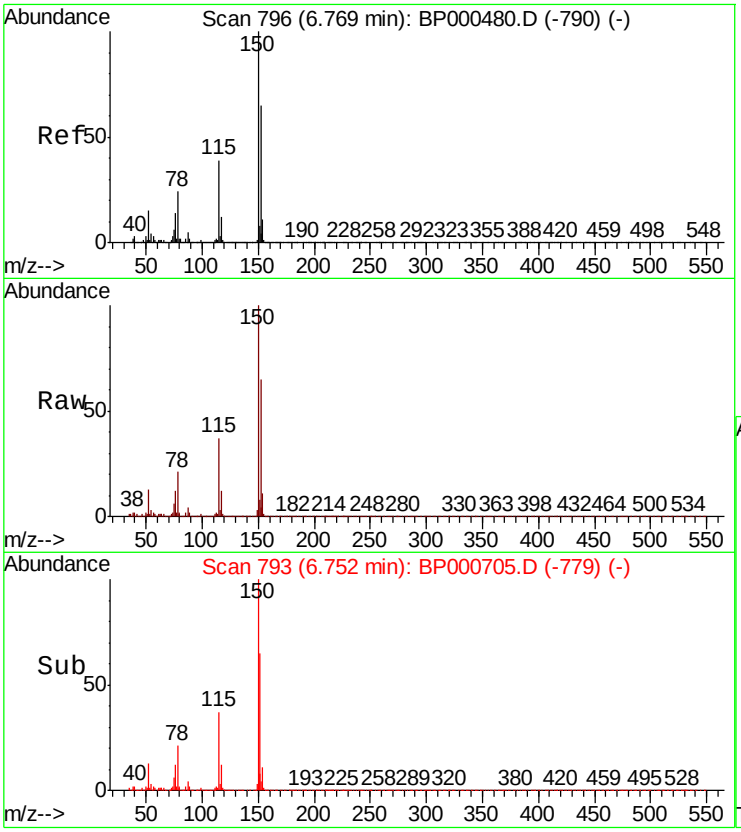


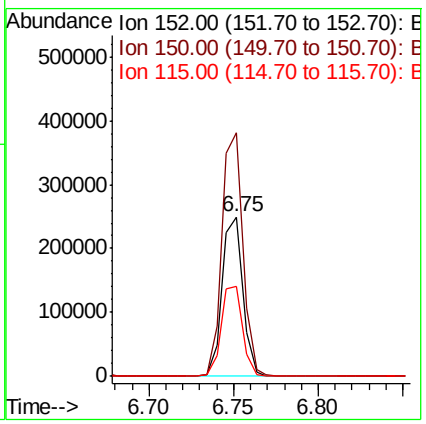


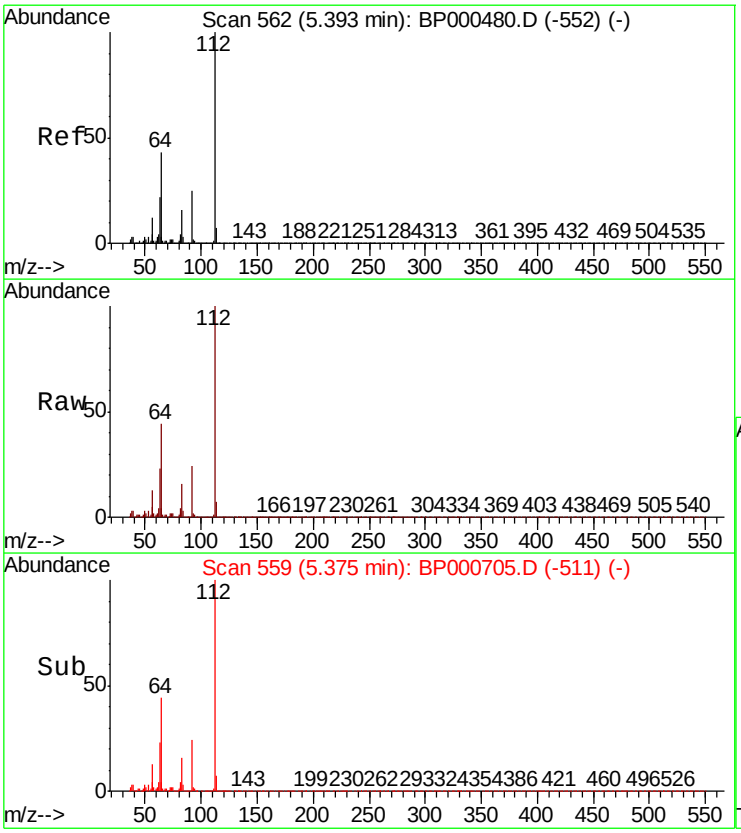
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 212995

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.1	186.1
115	56.2	48.7	73.1

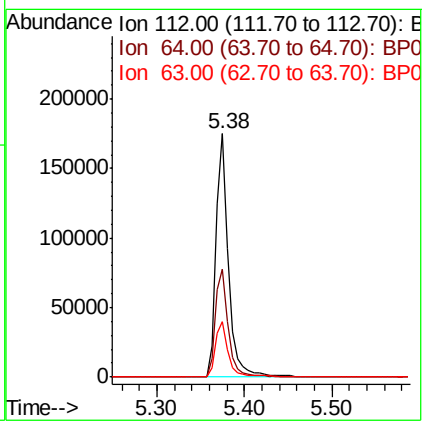


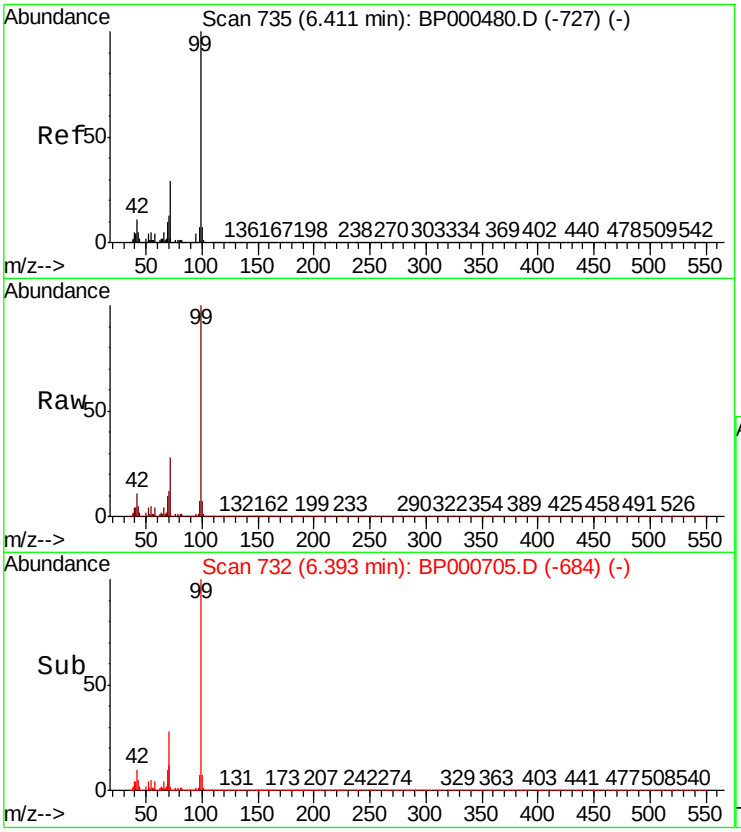


#5
2-Fluorophenol
Concen: 13.071 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:112 Resp: 173198

Ion	Ratio	Lower	Upper
112	100		
64	44.4	34.2	51.4
63	22.5	17.9	26.9



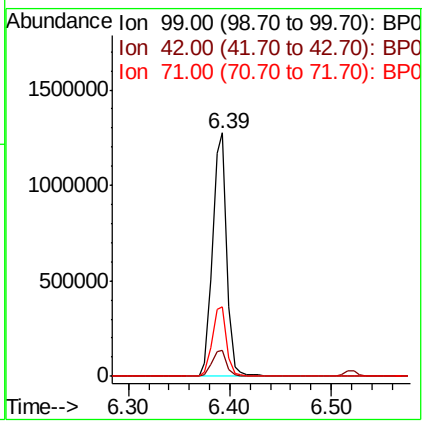


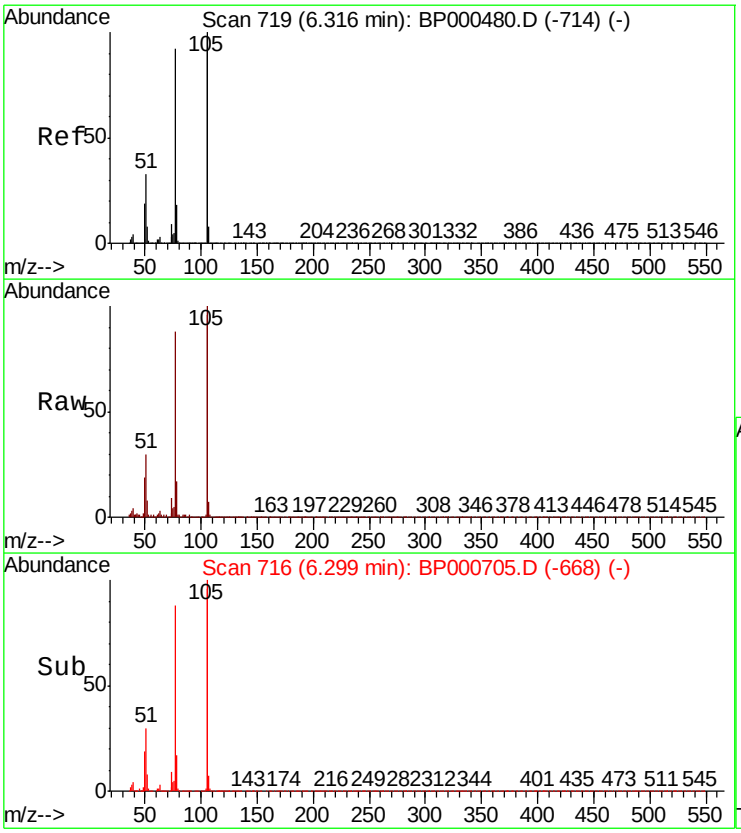
#7
Phenol-d6
Concen: 77.413 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1236097

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.6	12.8
71	28.5	23.0	34.4

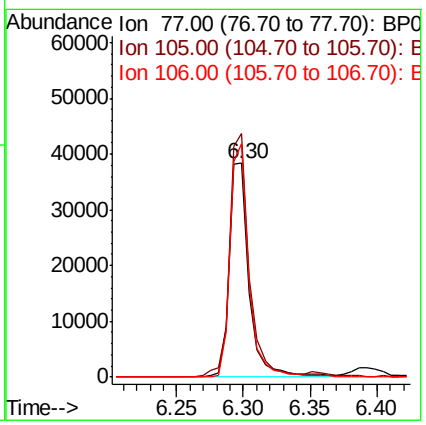


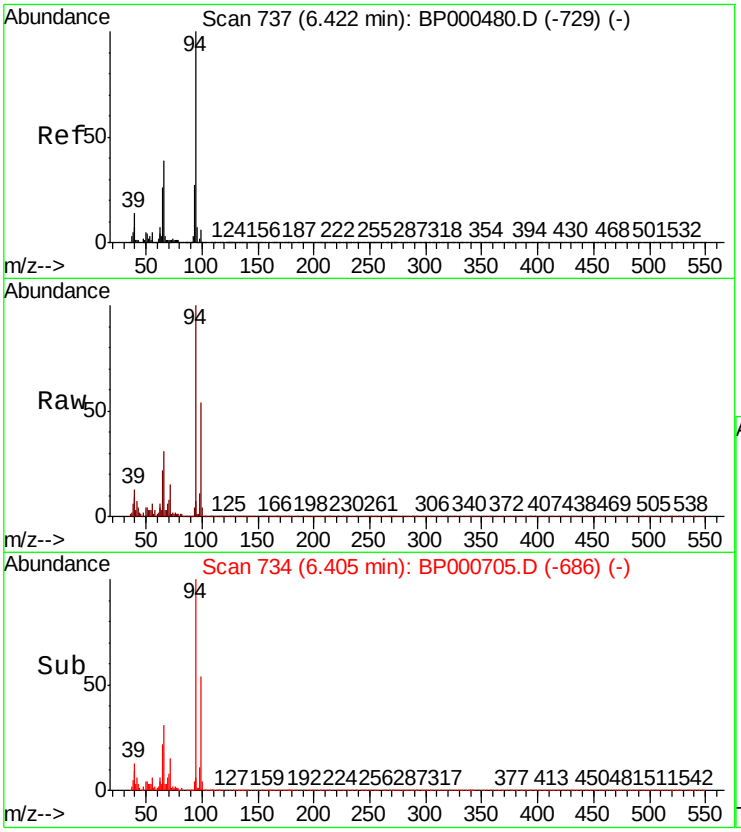


#9
Benzaldehyde
Concen: 4.777 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion: 77 Resp: 39729

Ion	Ratio	Lower	Upper
77	100		
105	114.0	88.3	128.3
106	109.1	85.7	125.7



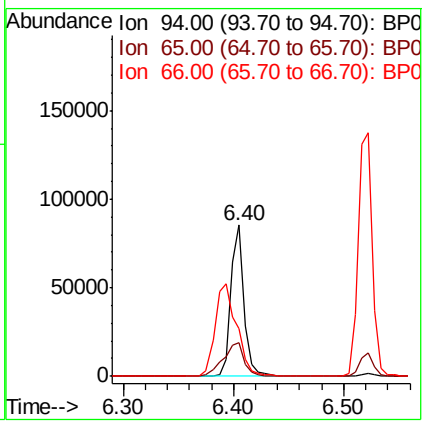


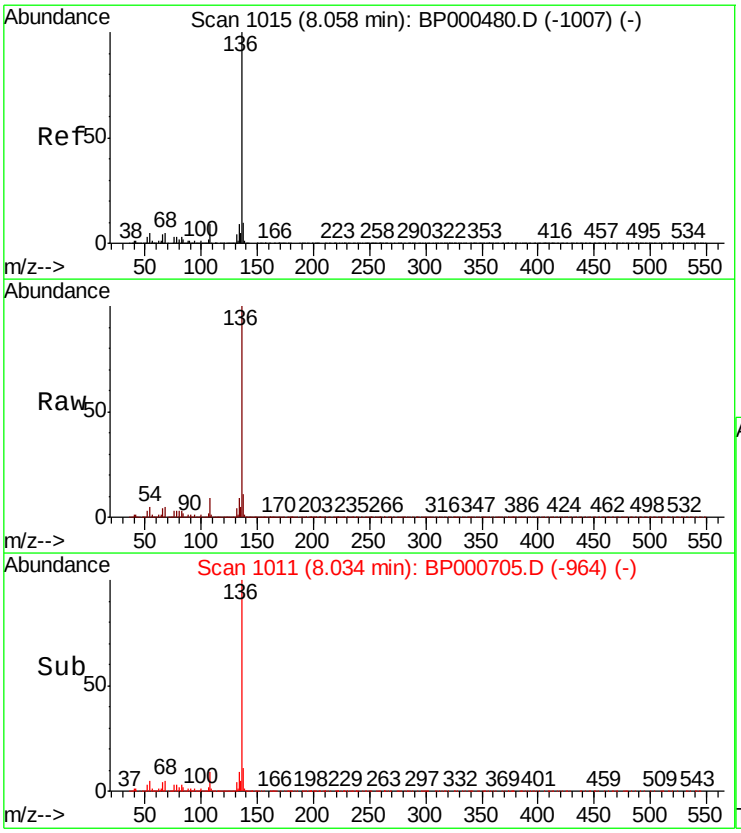
#10
Phenol
Concen: 4.413 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 72140

Ion	Ratio	Lower	Upper
94	100		
65	22.3	5.9	45.9
66	31.4	18.8	58.8

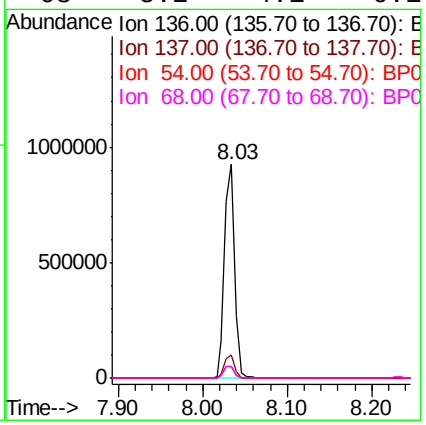


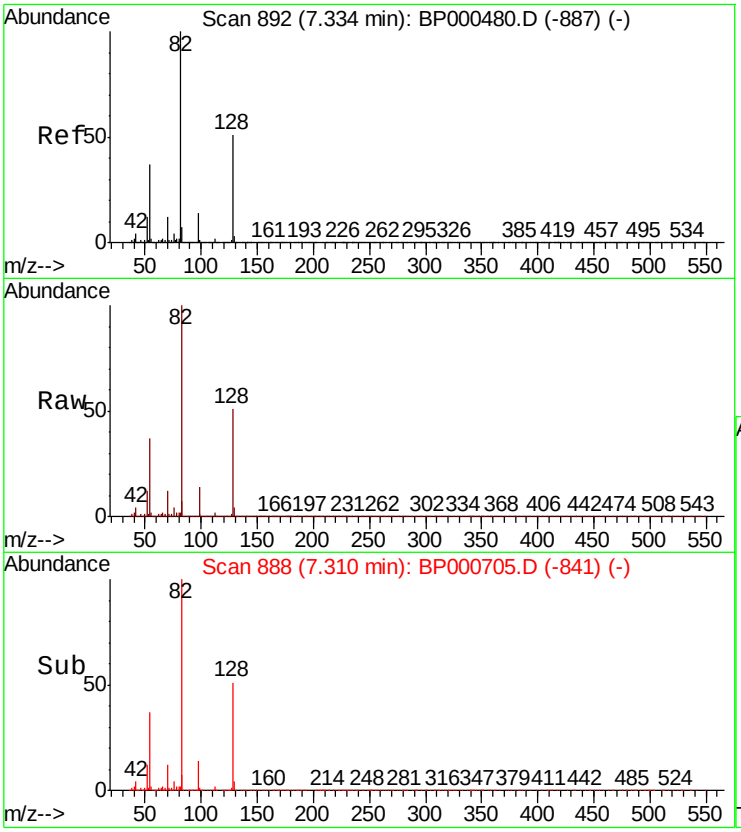


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:136 Resp: 767524

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.2	4.1	6.1
68	5.2	4.1	6.1



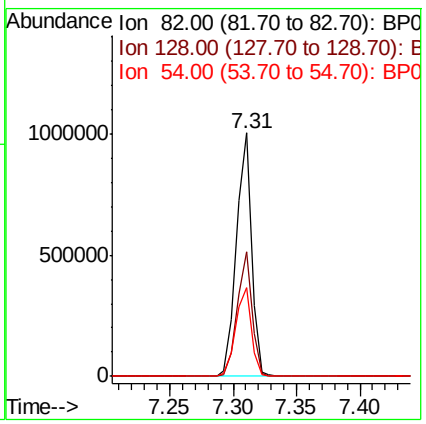


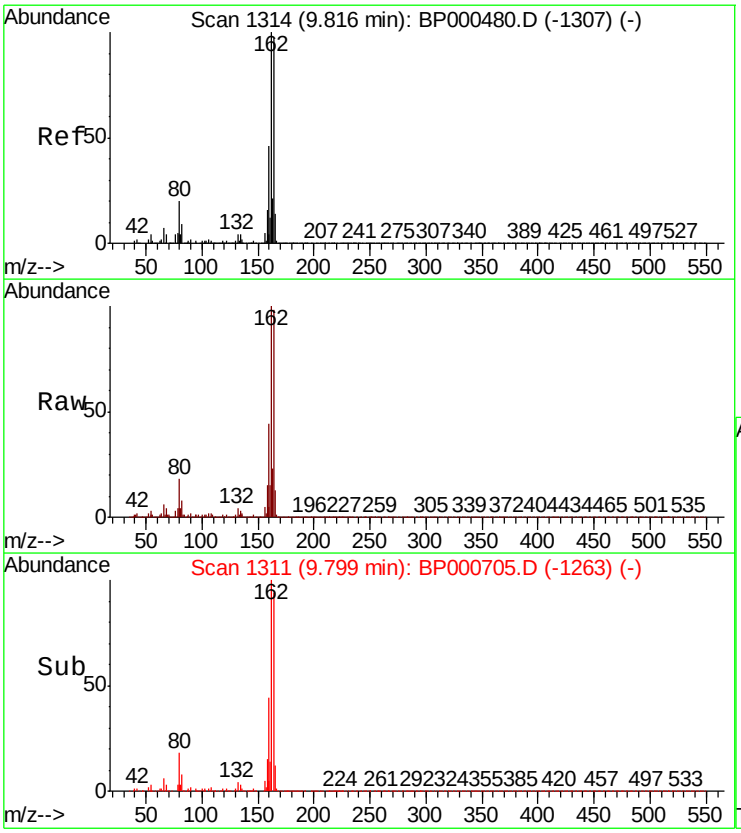
#23
Nitrobenzene-d5
Concen: 65.239 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 819854

Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.9	61.3
54	36.7	29.4	44.2

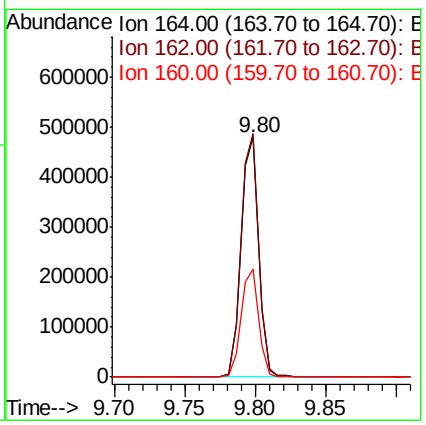


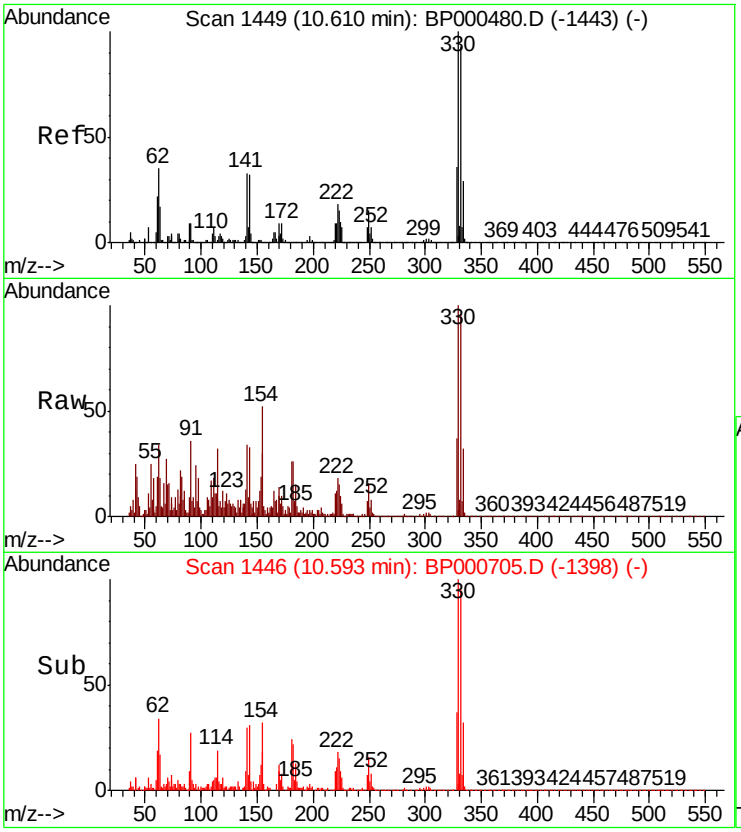


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:164 Resp: 412620

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	45.3	37.6	56.4



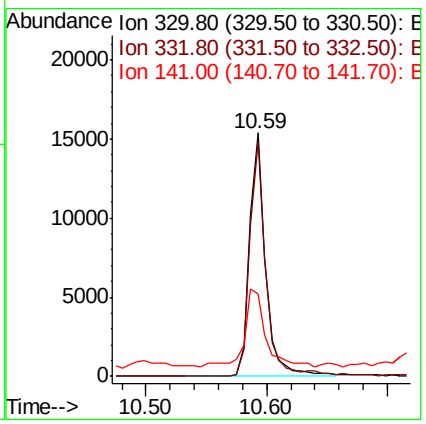


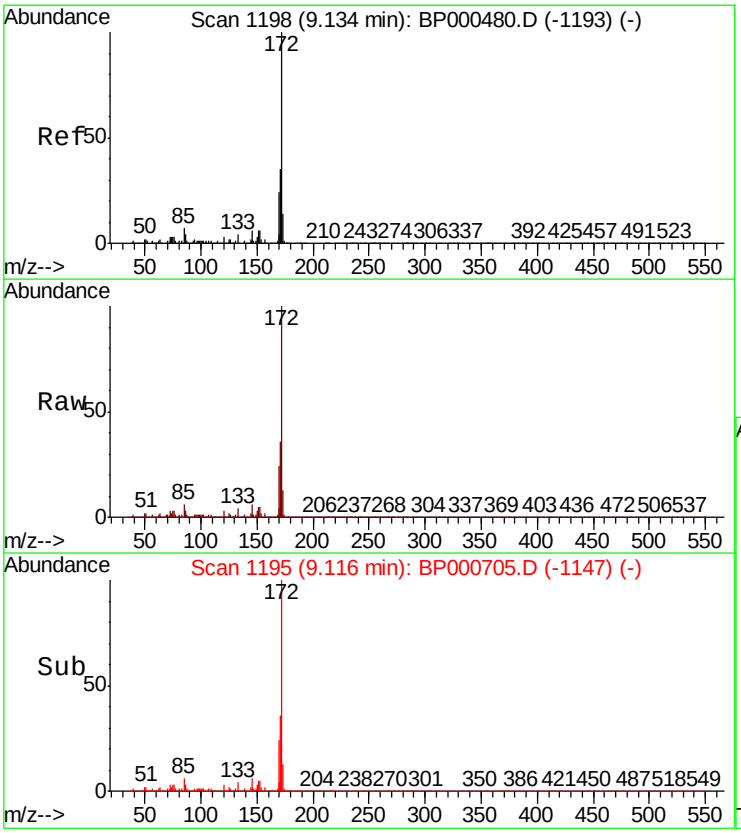
#42
2,4,6-Tribromophenol
Concen: 3.270 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 14378

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	42.8	26.0	39.0#

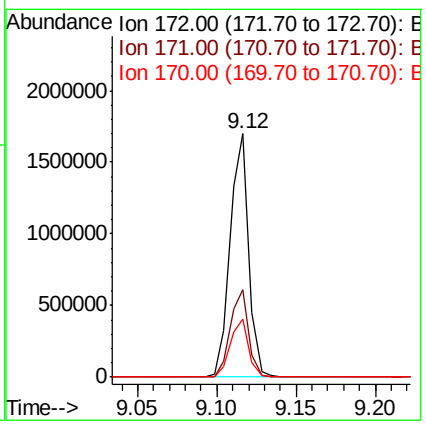


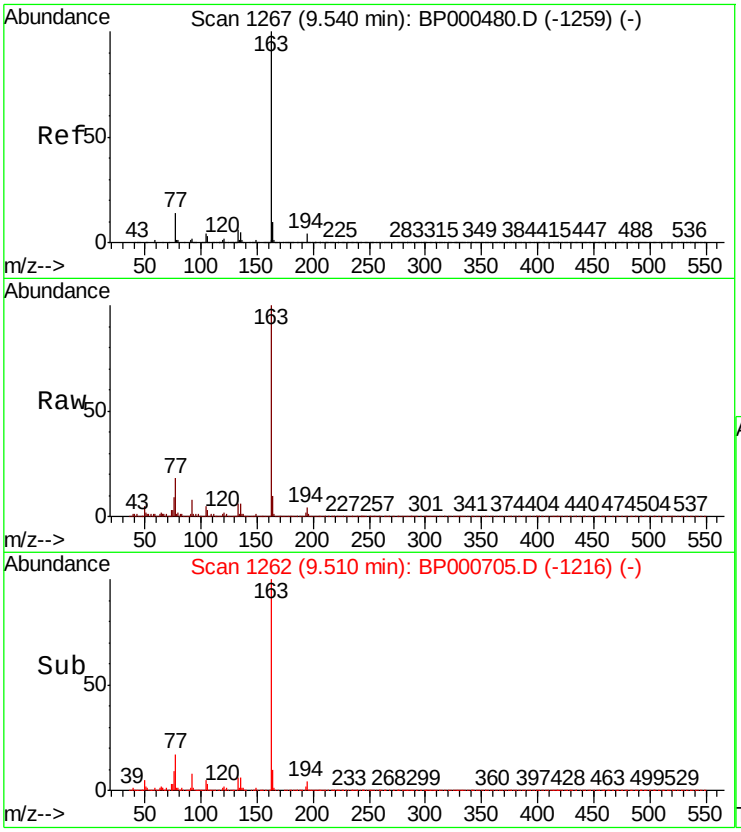


#45
2-Fluorobiphenyl
Concen: 53.985 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:172 Resp: 1376724

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	23.8	19.1	28.7



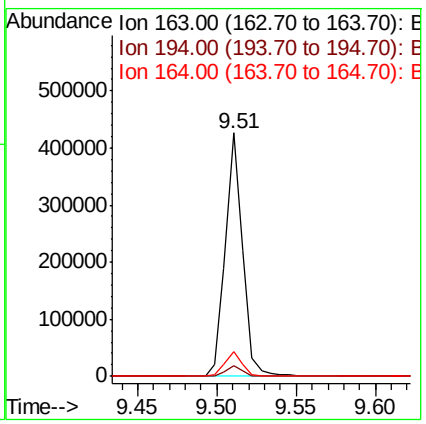


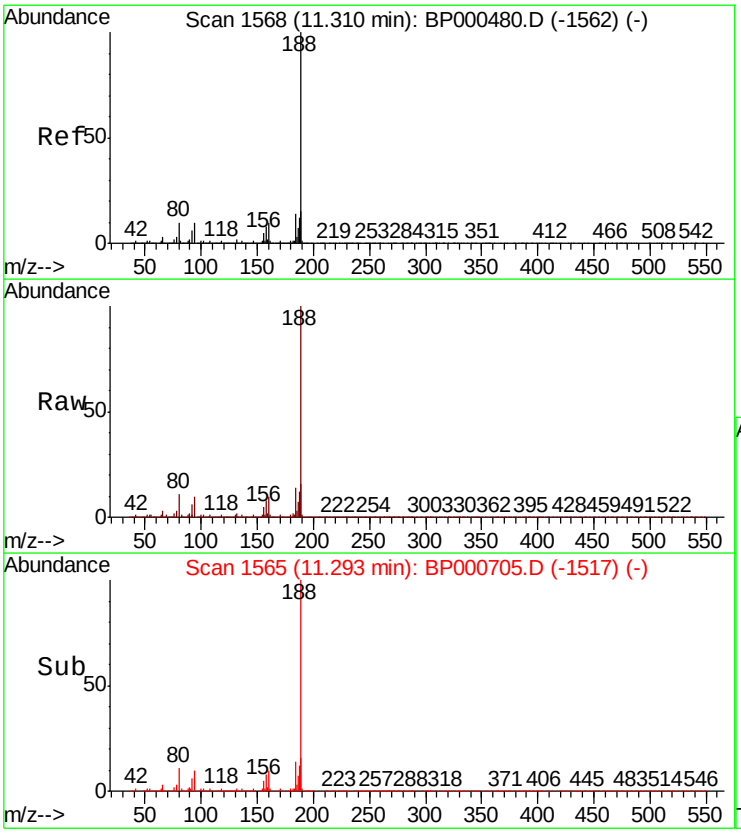
#50
Dimethylphthalate
Concen: 11.144 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 319499

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.3	8.0	12.0

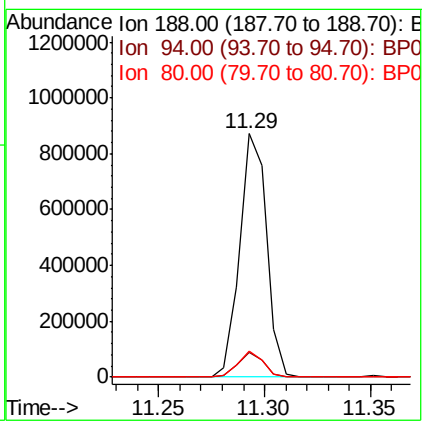


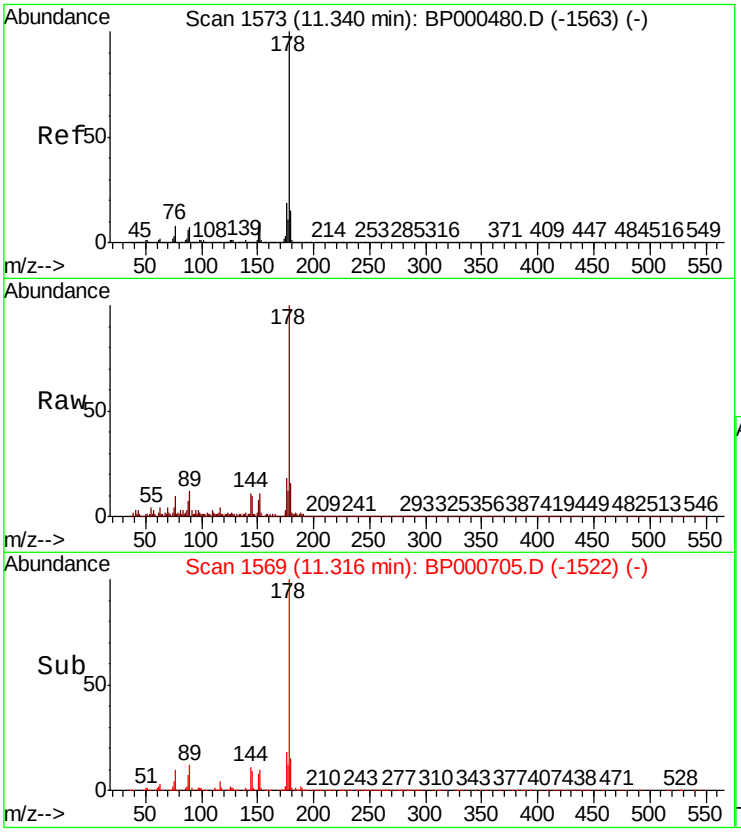


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:188 Resp: 767880

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	10.7	8.3	12.5



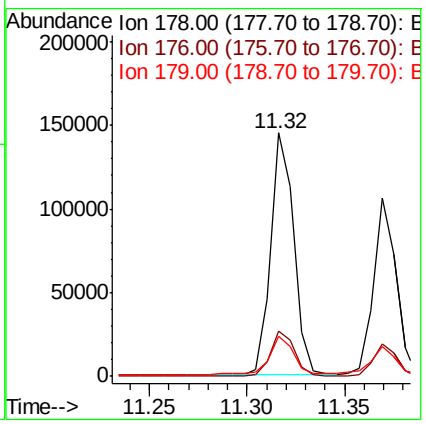


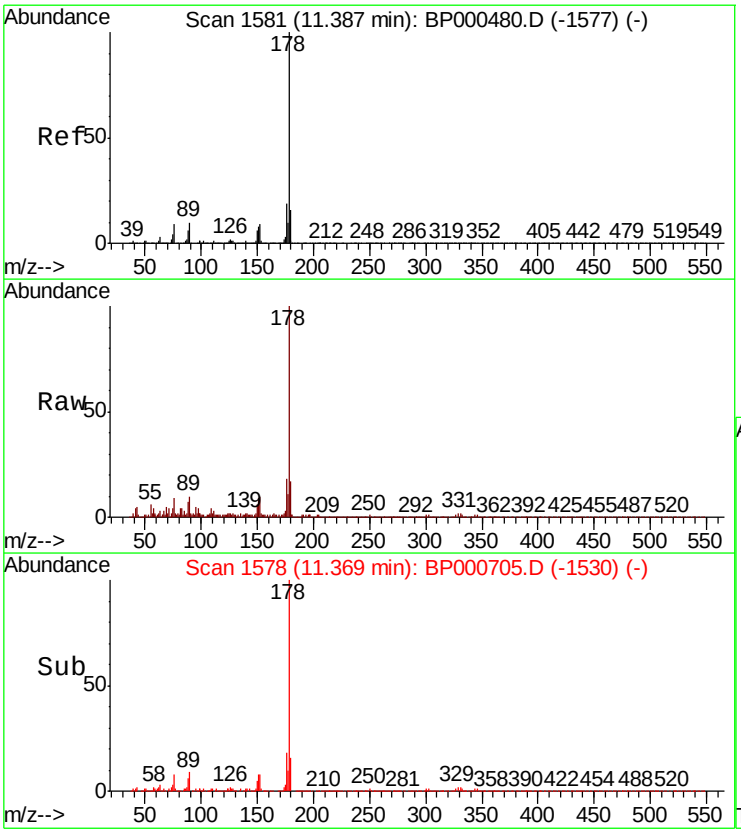
#71
Phenanthrene
Concen: 3.094 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 119319

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.4	12.2	18.4

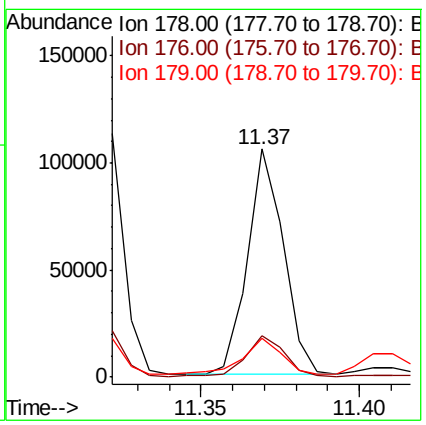


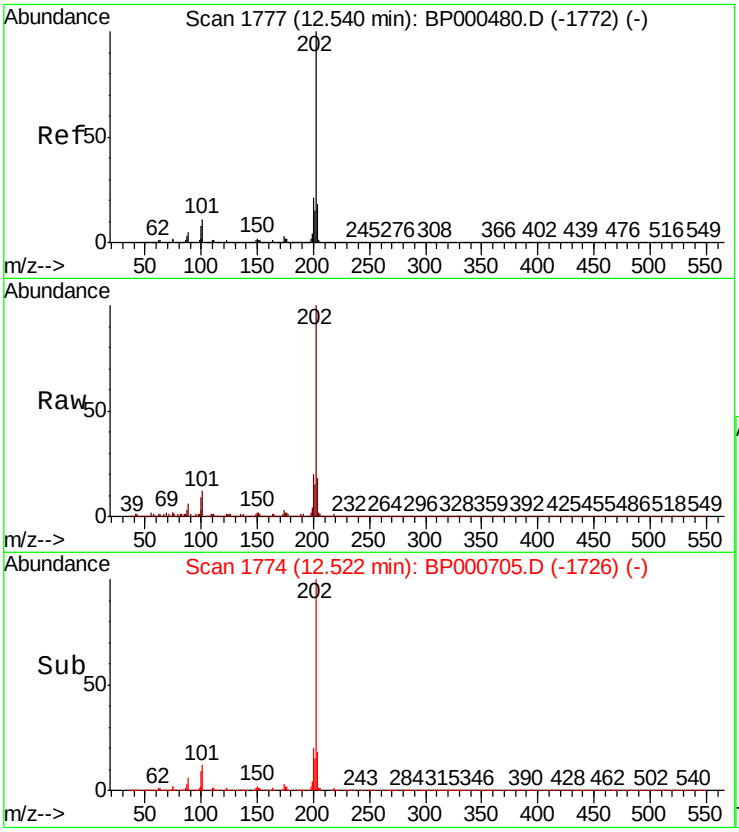


#72
Anthracene
Concen: 2.174 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:178 Resp: 83140

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.0
179	16.8	12.6	19.0



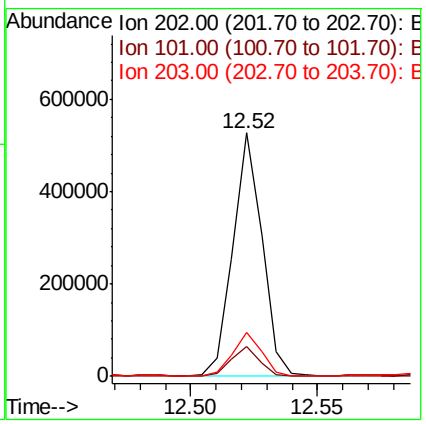


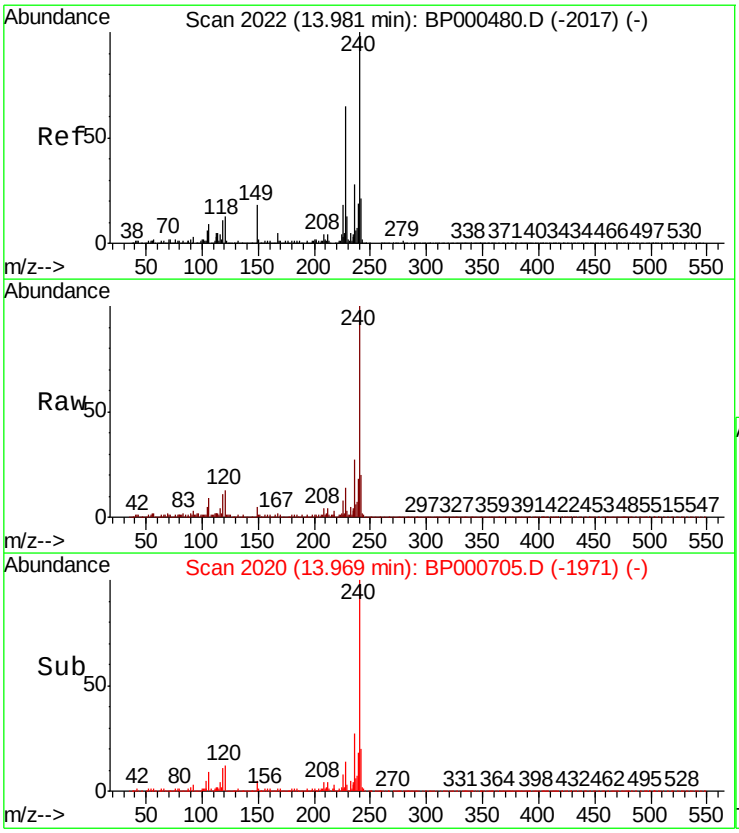
#75
Fluoranthene
Concen: 9.634 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 417286

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.3
203	17.8	0.0	38.1

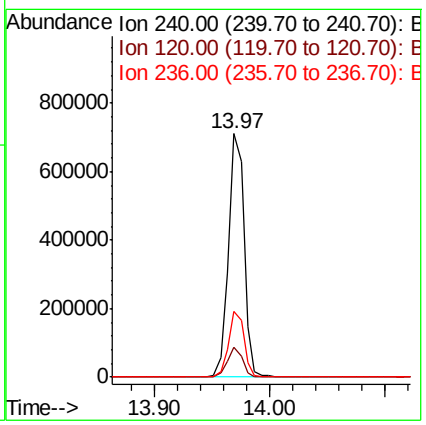


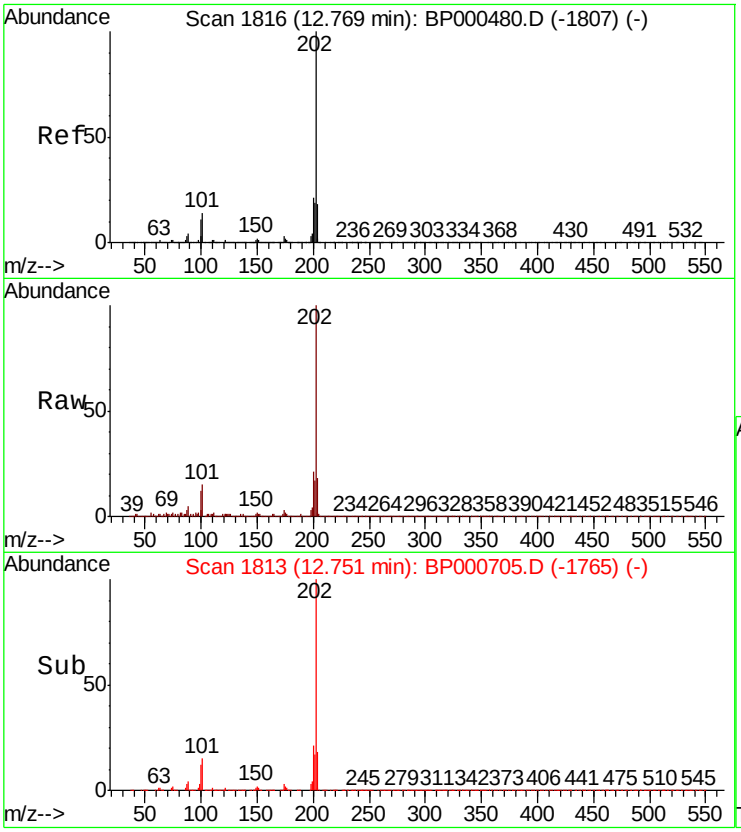


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:240 Resp: 666305

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.1	15.1
236	26.7	22.7	34.1



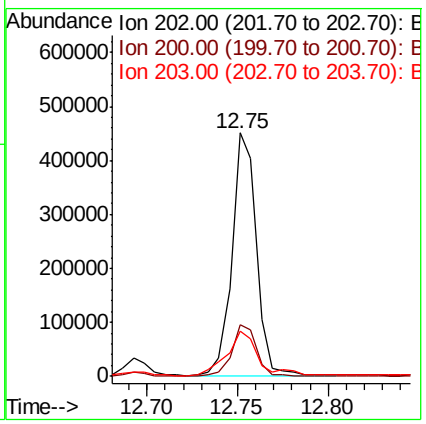


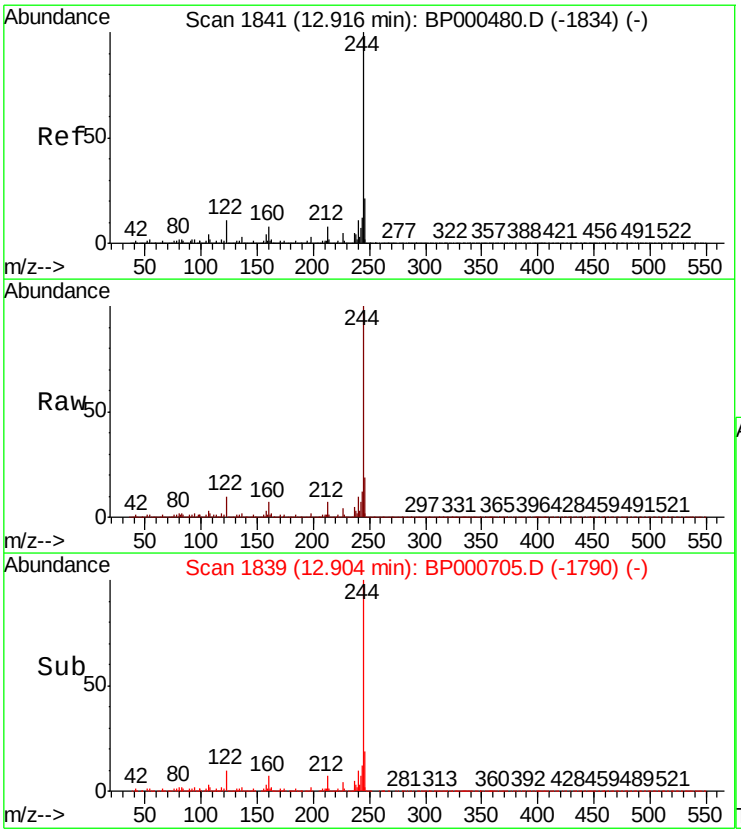
#78
Pyrene
Concen: 9.124 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 419273

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	18.4	14.6	21.8

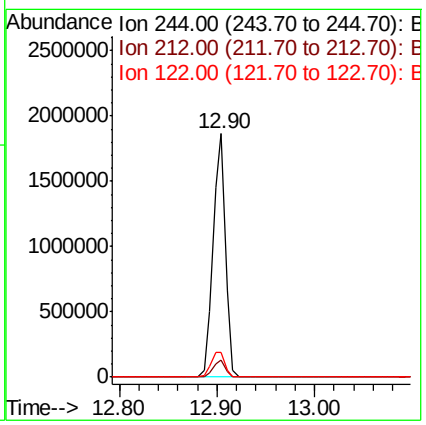


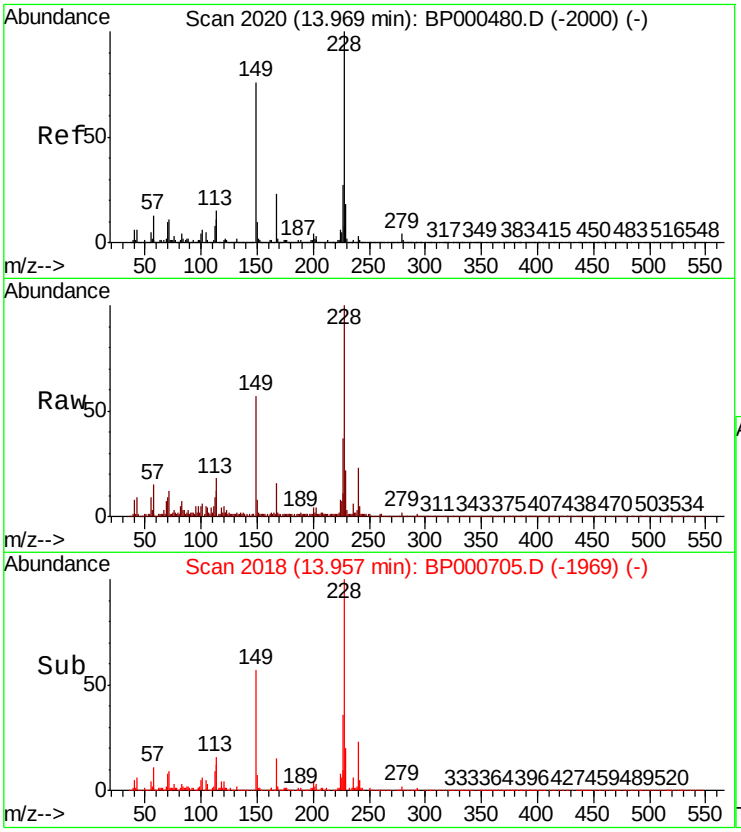


#79
Terphenyl-d14
Concen: 49.622 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:244 Resp: 1632984

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.0	8.9	13.3



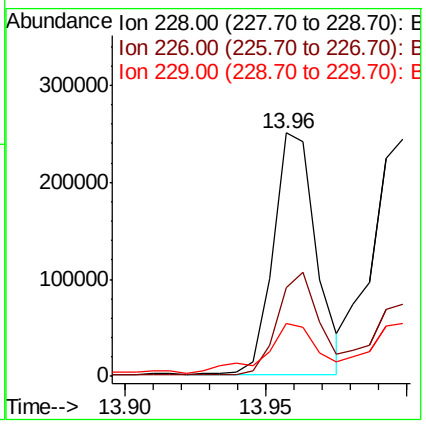


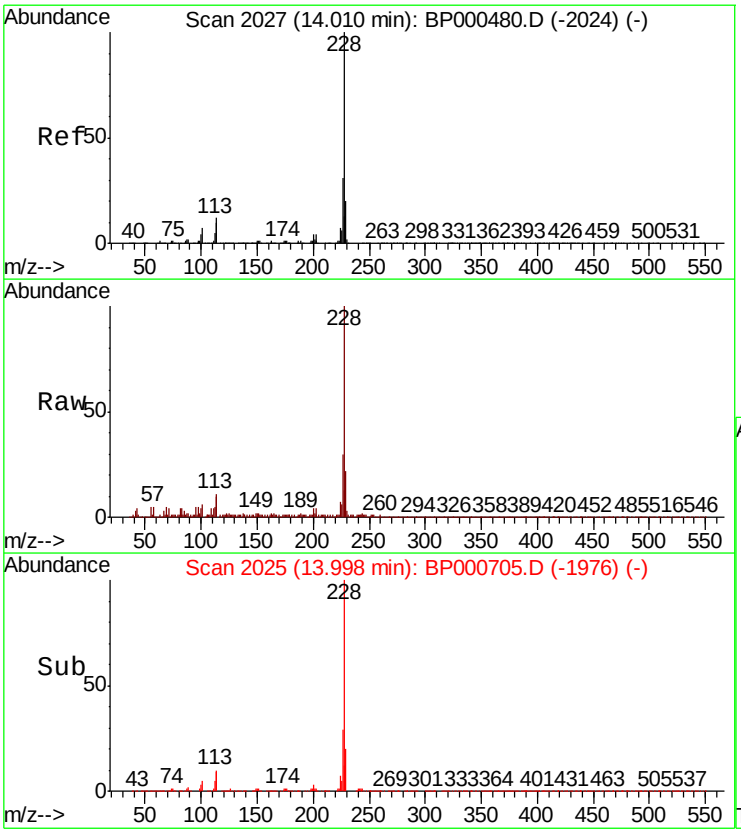
#81
Benzo(a)anthracene
Concen: 6.443 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 261925

Ion	Ratio	Lower	Upper
228	100		
226	36.5	21.4	32.2#
229	21.6	14.7	22.1

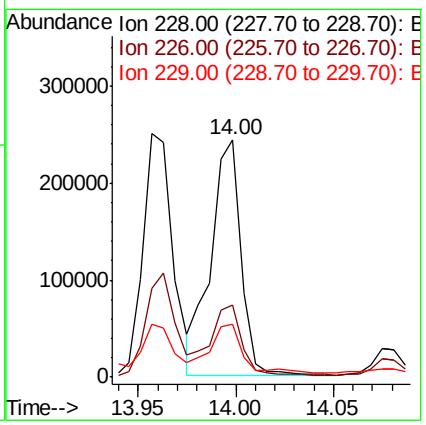


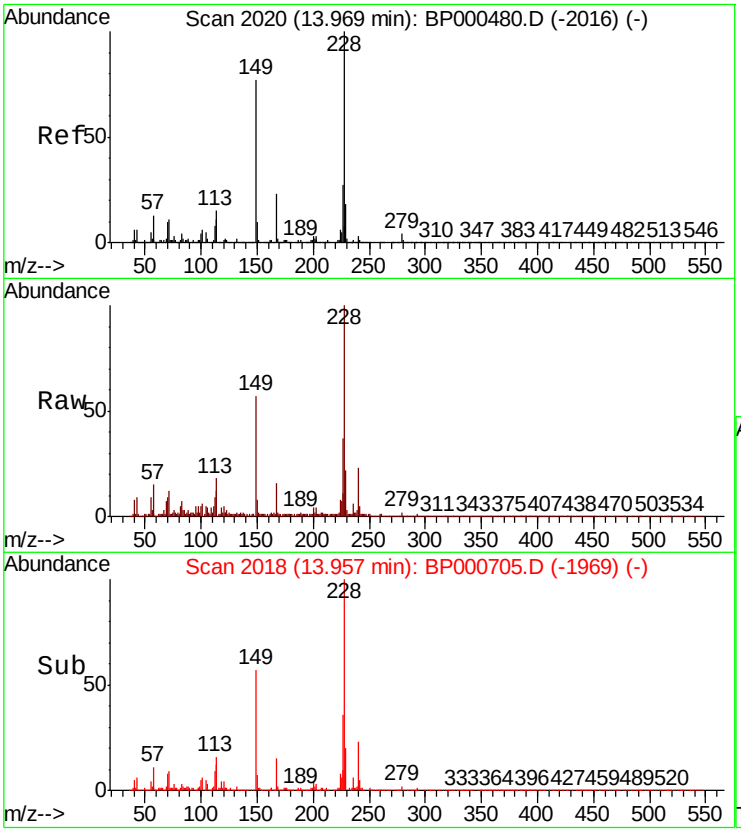


#83
Chrysene
Concen: 6.547 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:228 Resp: 261229

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	22.1	16.3	24.5



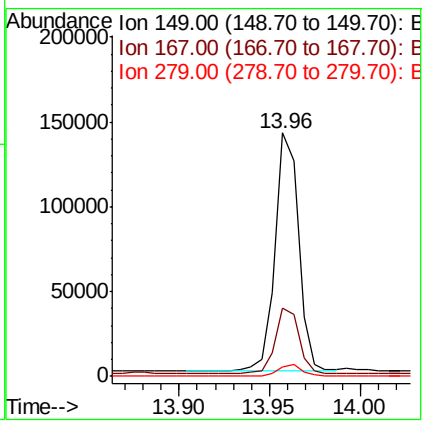


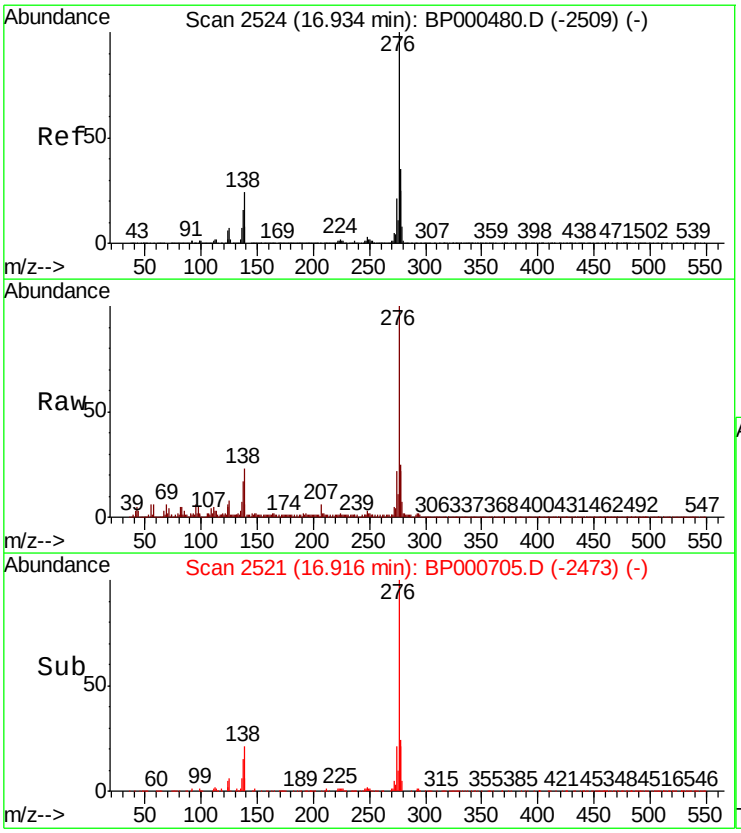
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.073 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 127769

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.6	35.4
279	3.9	3.9	5.9#

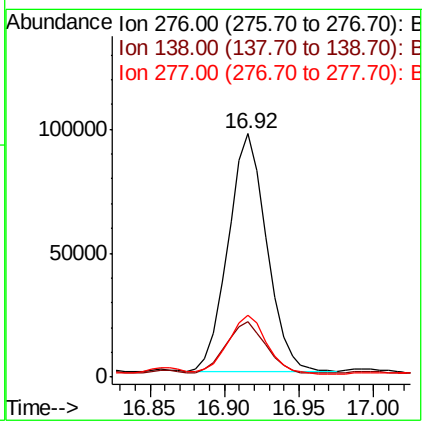


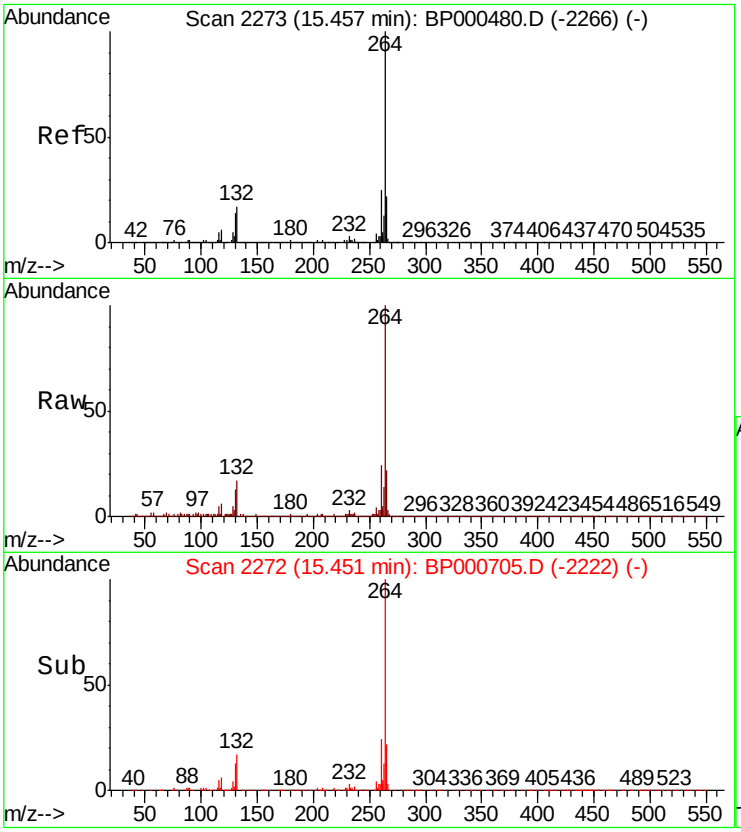


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.450 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:276 Resp: 171983

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.9	31.3
277	25.2	20.6	30.8



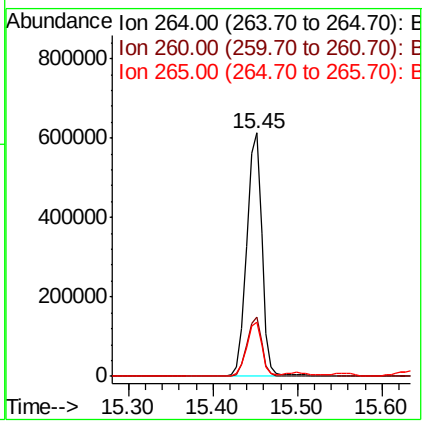


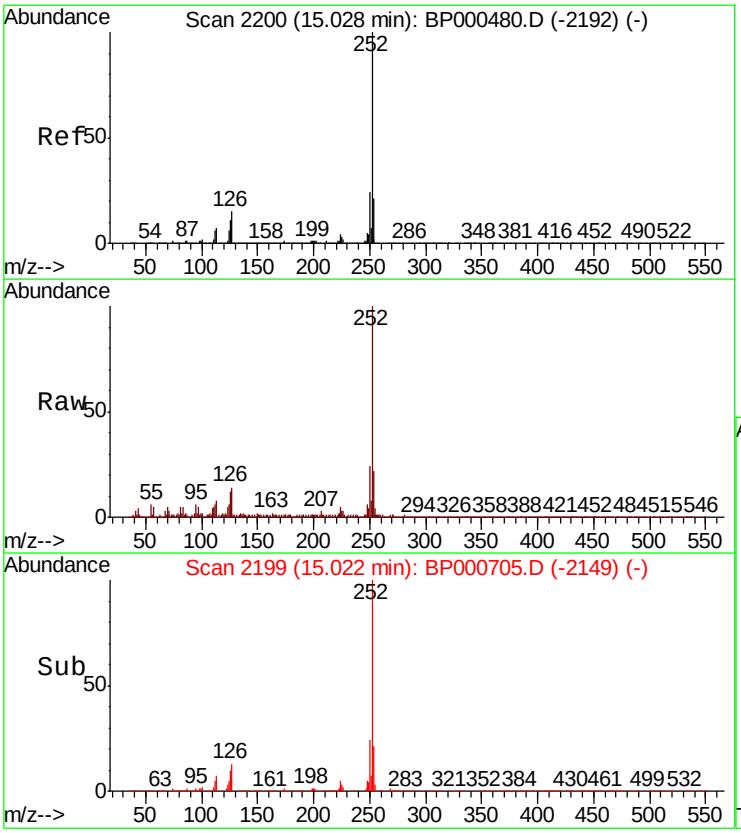
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 768536

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.3	30.5
265	22.1	18.0	27.0

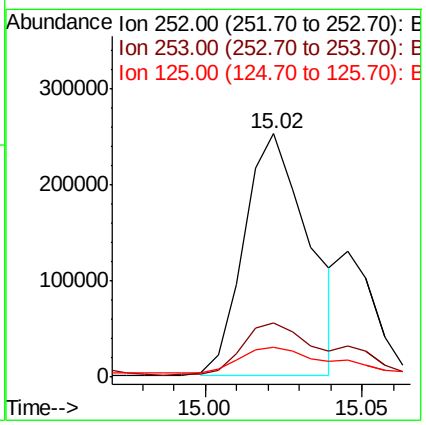


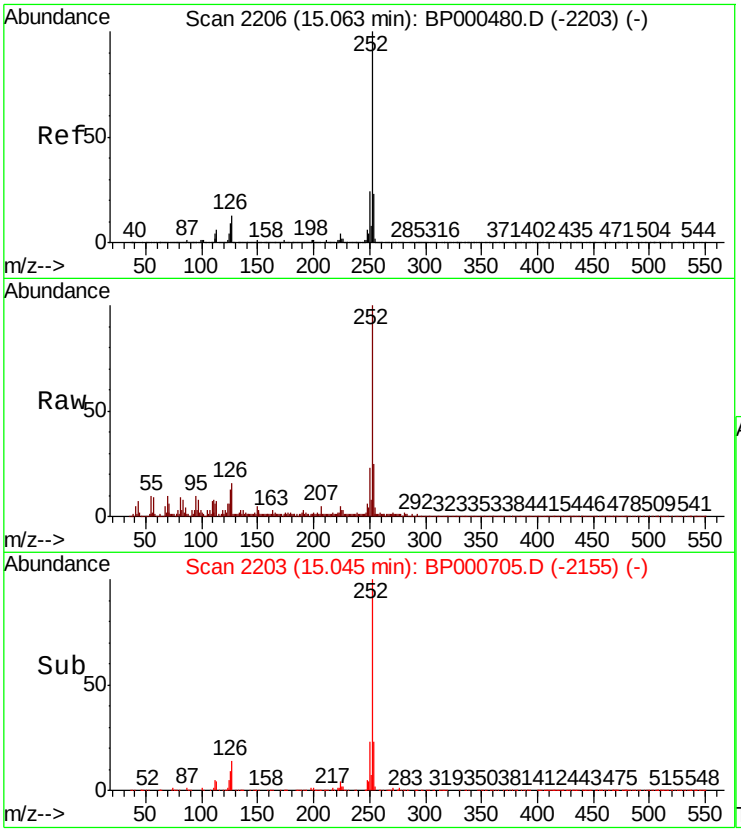


#88
Benzo(b)fluoranthene
Concen: 8.231 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:252 Resp: 358888

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	12.3	8.9	13.3



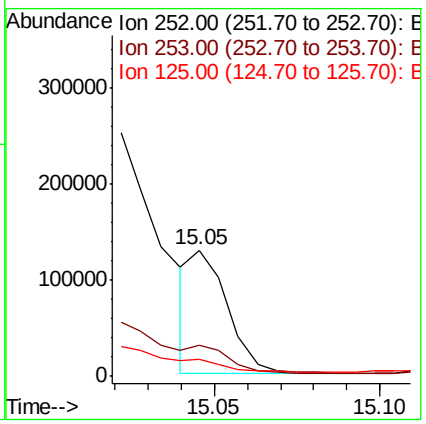


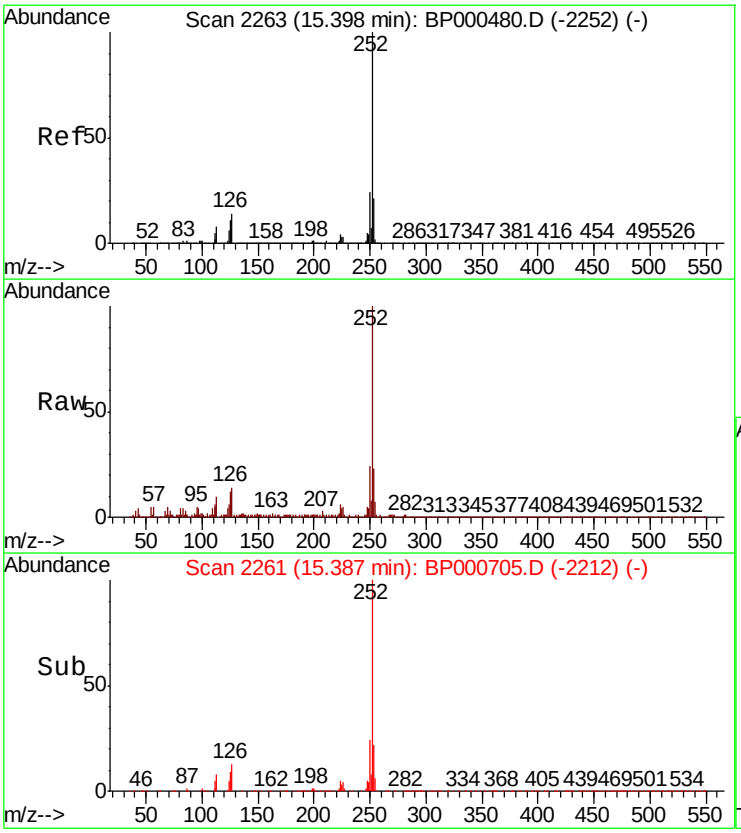
#89
Benzo(k)fluoranthene
Concen: 2.415 ng m
RT: 15.05 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 100251

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.4	27.6
125	13.4	7.8	11.8#

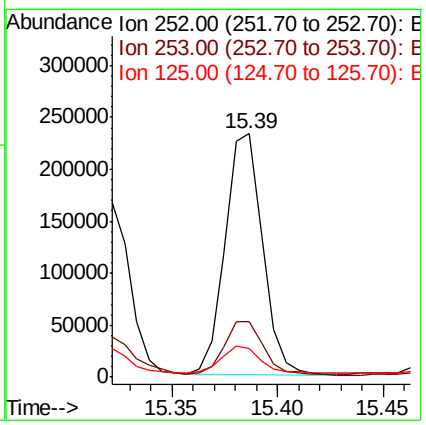


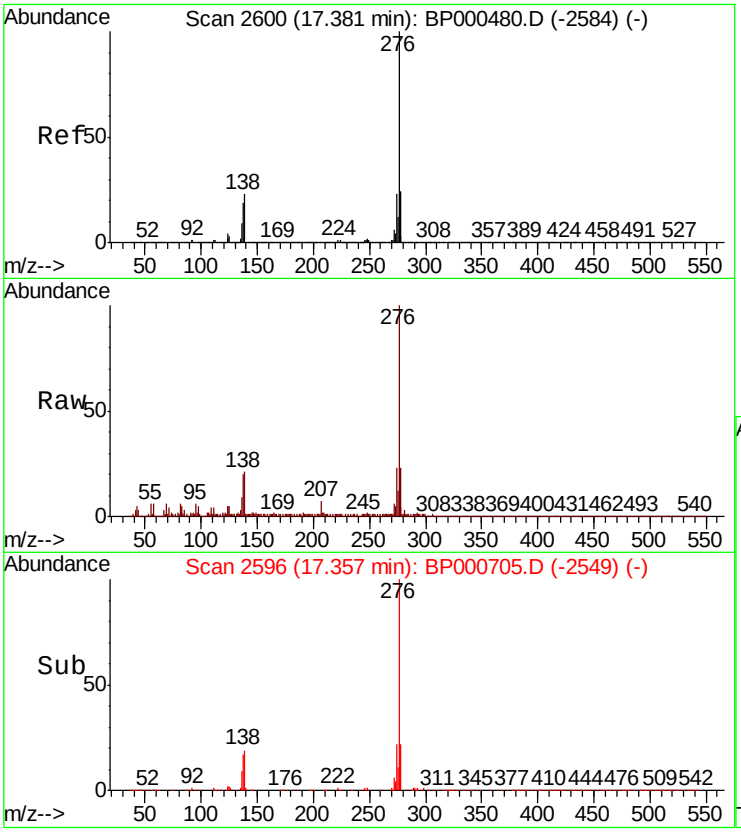


#90
Benzo(a)pyrene
Concen: 6.980 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Tgt Ion:252 Resp: 283681

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.8	8.4	12.6





#92
Benzo(g,h,i)perylene
Concen: 4.558 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BP000705.D
Acq: 14 Oct 2019 13:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 182575

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.2
138	21.4	18.5	27.7