Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000259.D
Acq On : 17 Sep 2019 00:26
Operator : HP/JU
Sample : K4878-13 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 17 06:13:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	396441	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1420042	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	752963	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1298491	20.00	ng	0.00
76) Chrysene-d12	14.00	240	929131	20.00	ng	0.00
87) Perylene-d12	15.49	264	920364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	977785	42.58	ng	0.00
7) Phenol-d6	6.42	99	1223729	43.47	ng	0.00
23) Nitrobenzene-d5	7.35	82	607686	27.61	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	309452	41.43	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1301024	31.10	ng	0.00
79) Terphenyl-d14	12.93	244	1241100	28.02	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	1549	Below Cal	#	84
19) n-Nitroso-di-n-propylamine	7.35	70	75156	5.050	ng #	74
25) Isophorone	7.35	82	606505	13.916	ng #	63
50) Dimethylphthalate	9.55	163	119796	2.335	ng	98
51) 2,6-Dinitrotoluene	9.83	165	100840	8.940	ng #	30
52) Acenaphthene	9.86	154	112965	2.725	ng	99
56) 4-Nitrophenol	10.03	139	32988	3.388	ng #	16
57) 2,4-Dinitrotoluene	9.83	165	100672	6.827	ng #	35
58) Fluorene	10.38	166	143538	3.172	ng	98
69) Atrazine	11.02	200	288	Below Cal	#	1
71) Phenanthrene	11.35	178	2292349	35.229	ng	99
72) Anthracene	11.40	178	754946	11.271	ng	99
73) Carbazole	11.55	167	190294	3.155	ng	99
75) Fluoranthene	12.56	202	3775347	54.032	ng	96
78) Pyrene	12.79	202	3423180	49.244	ng	98
81) Benzo(a)anthracene	13.99	228	2029464	34.579	ng	98
83) Chrysene	14.02	228	1545921	26.827	ng	97
88) Benzo(b)fluoranthene	15.05	252	2509668	45.709	ng	98
89) Benzo(k)fluoranthene	15.05	252	2509668	52.401	ng	98
90) Benzo(a)pyrene	15.42	252	1296544	25.952	ng	98
91) Dibenzo(a,h)anthracene	16.98	278	187847	4.033	ng #	85
92) Benzo(g,h,i)perylene	17.42	276	624604	13.046	ng	97

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

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ALS Vial : 21 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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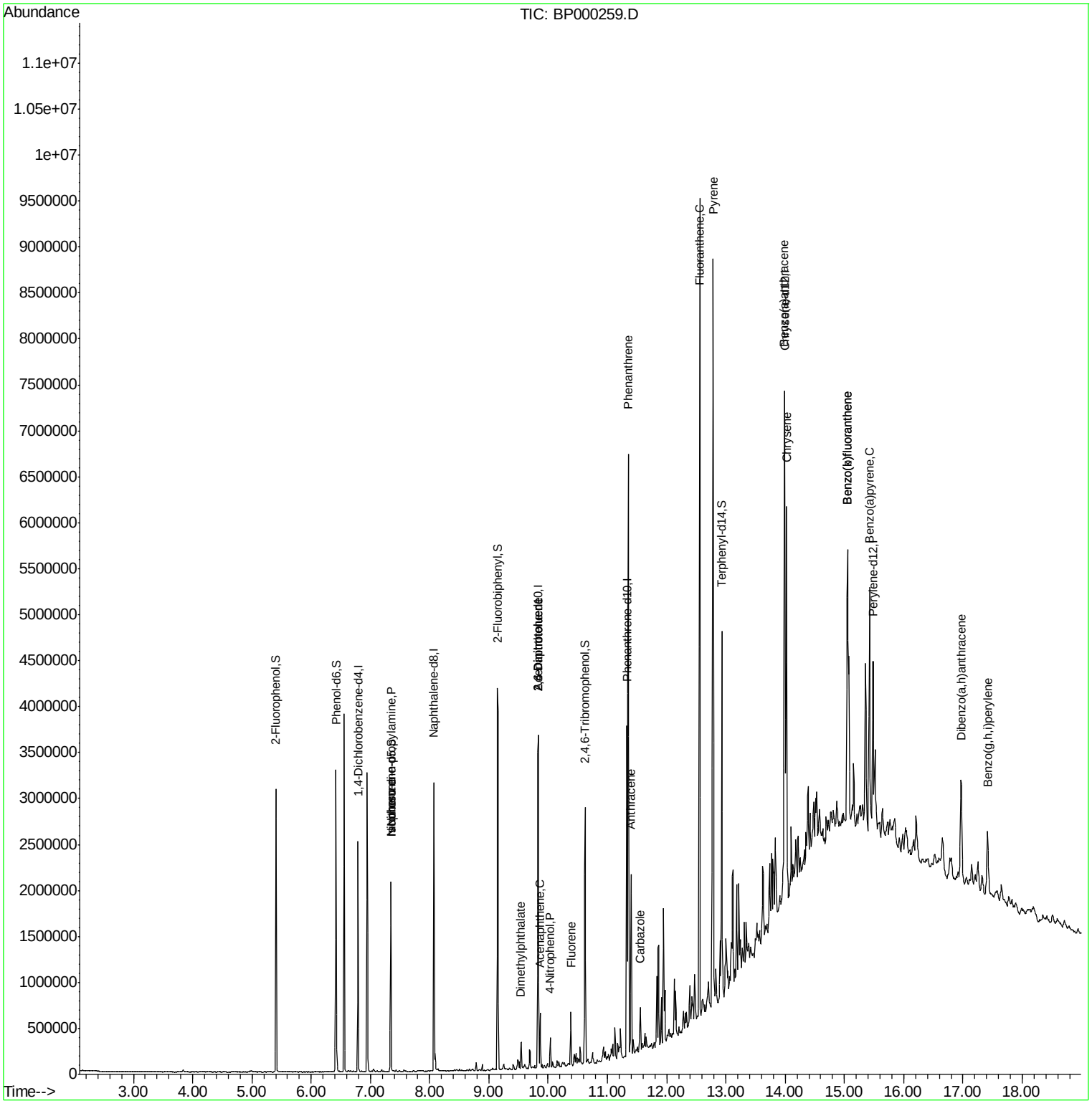
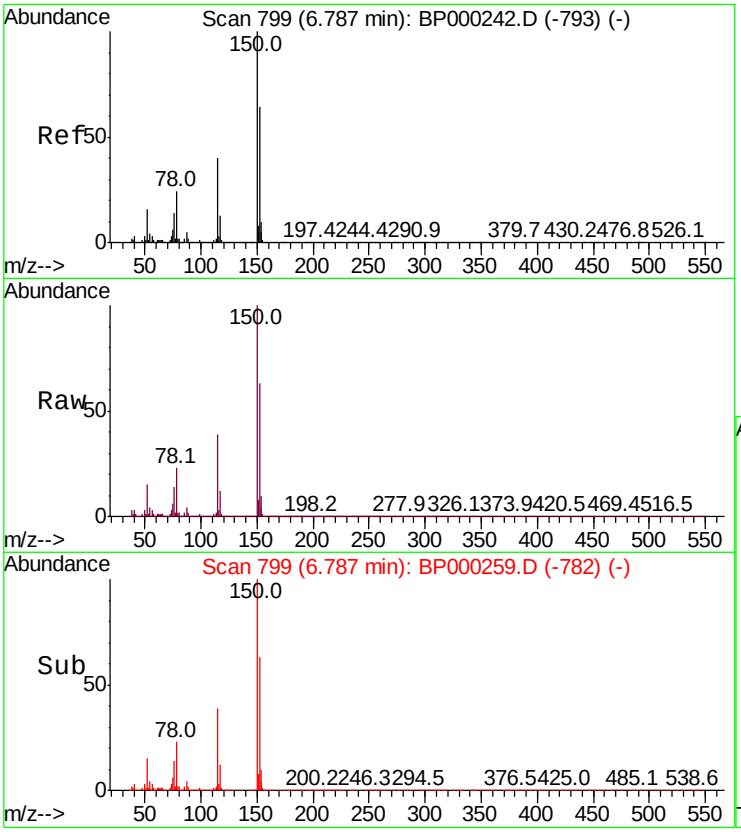


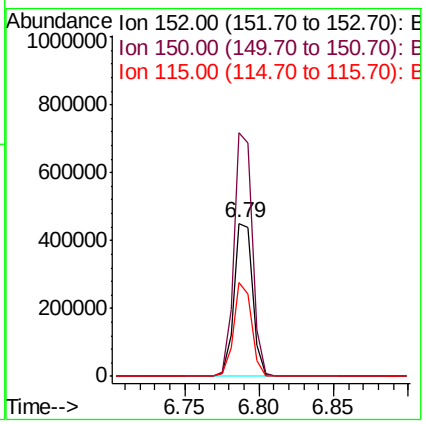


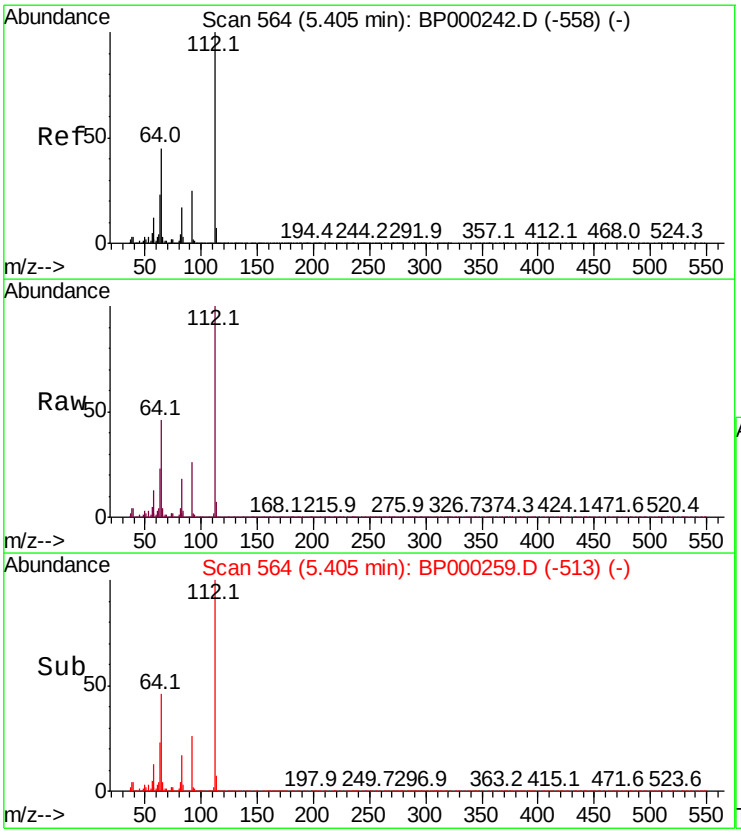
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 396441

Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.2	187.8
115	61.7	49.7	74.5

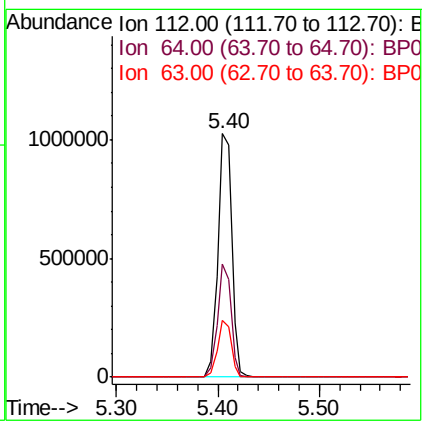


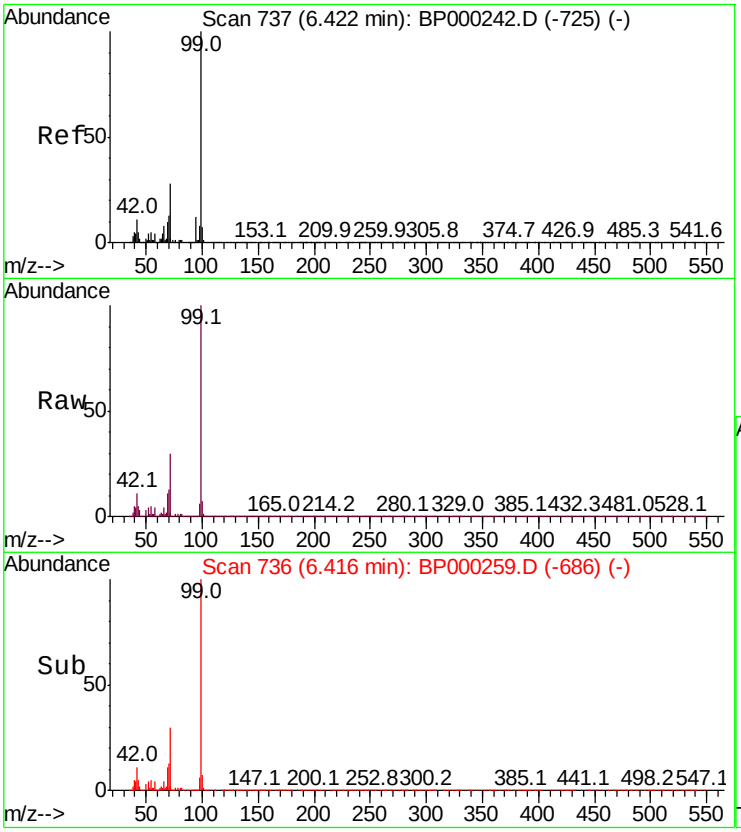


#5
2-Fluorophenol
Concen: 42.579 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:112 Resp: 977785

Ion	Ratio	Lower	Upper
112	100		
64	46.3	36.2	54.4
63	23.3	18.3	27.5



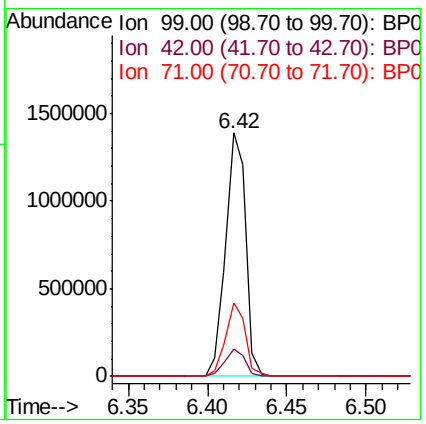


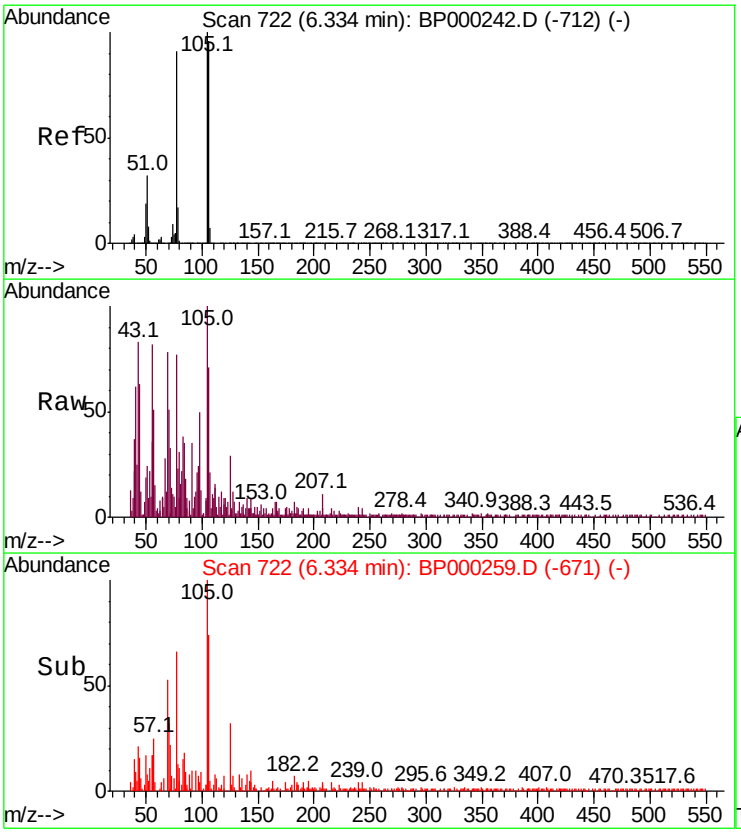
#7
Phenol-d6
Concen: 43.473 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1223729

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.5	12.7
71	30.0	22.6	34.0

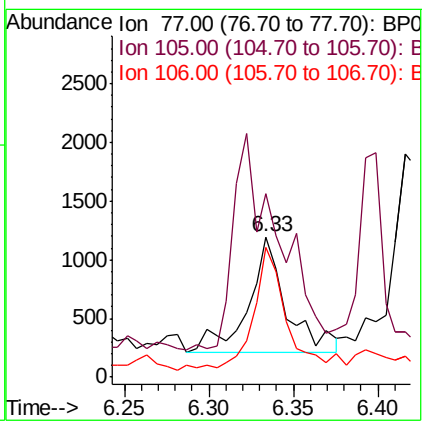


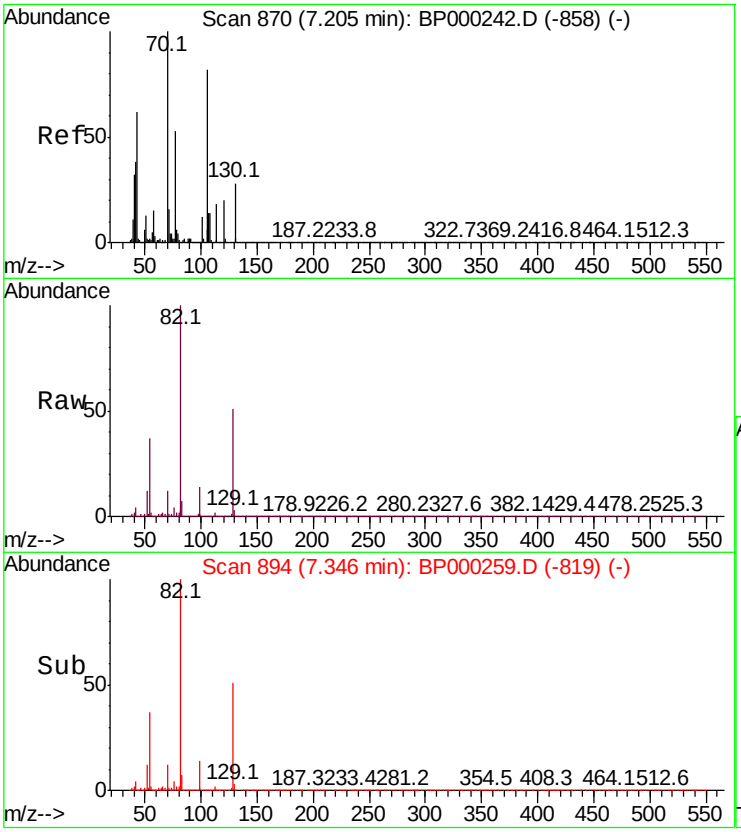


#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion: 77 Resp: 1549

Ion	Ratio	Lower	Upper
77	100		
105	130.7	89.6	129.6#
106	92.4	84.6	124.6



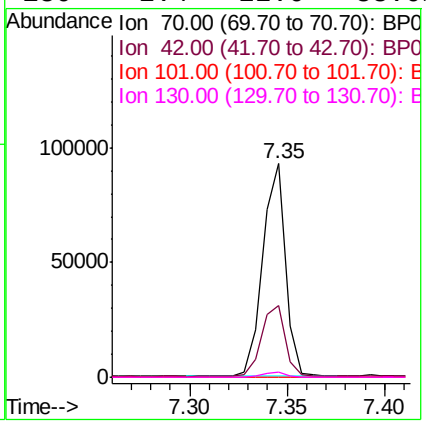


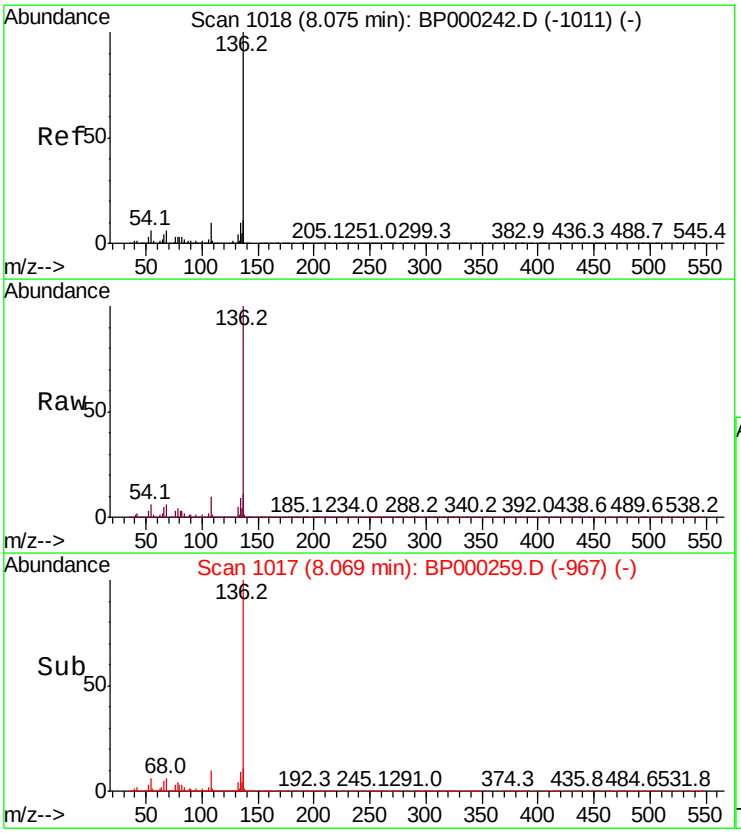
#19
n-Nitroso-di-n-propylamine
Concen: 5.050 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 75156

Ion	Ratio	Lower	Upper
70	100		
42	33.5	30.7	46.1
101	0.0	9.6	14.4#
130	2.4	22.0	33.0#

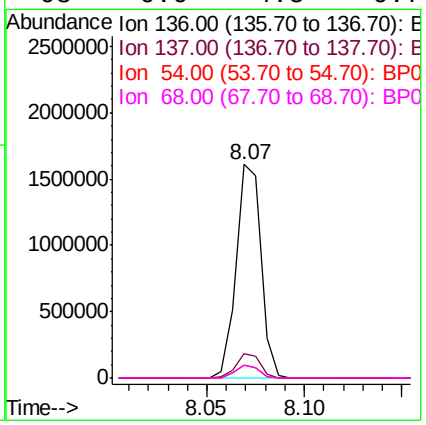


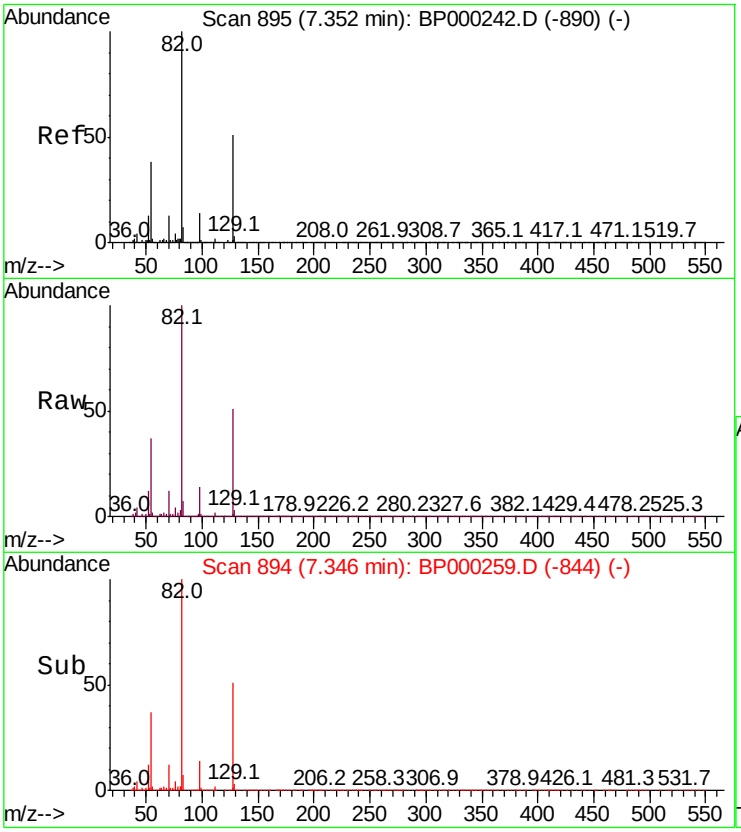


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:136 Resp: 1420042

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	6.1	4.5	6.7
68	6.0	4.5	6.7



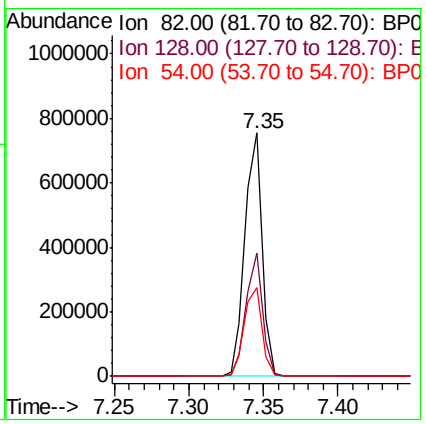


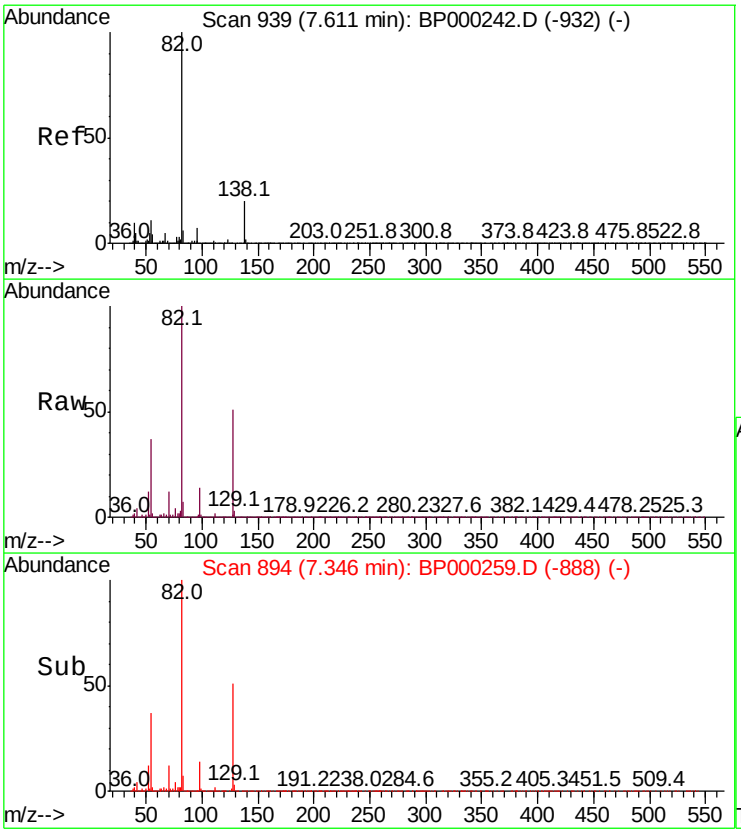
#23
Nitrobenzene-d5
Concen: 27.610 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 607686

Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.7	61.1
54	36.7	30.1	45.1

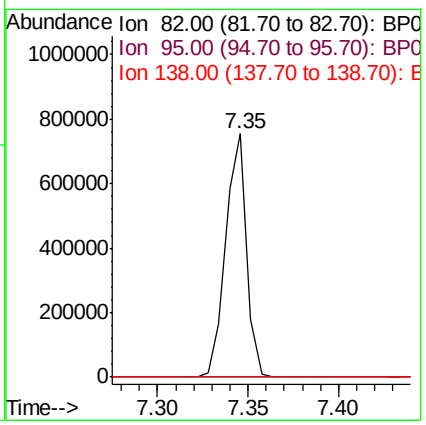


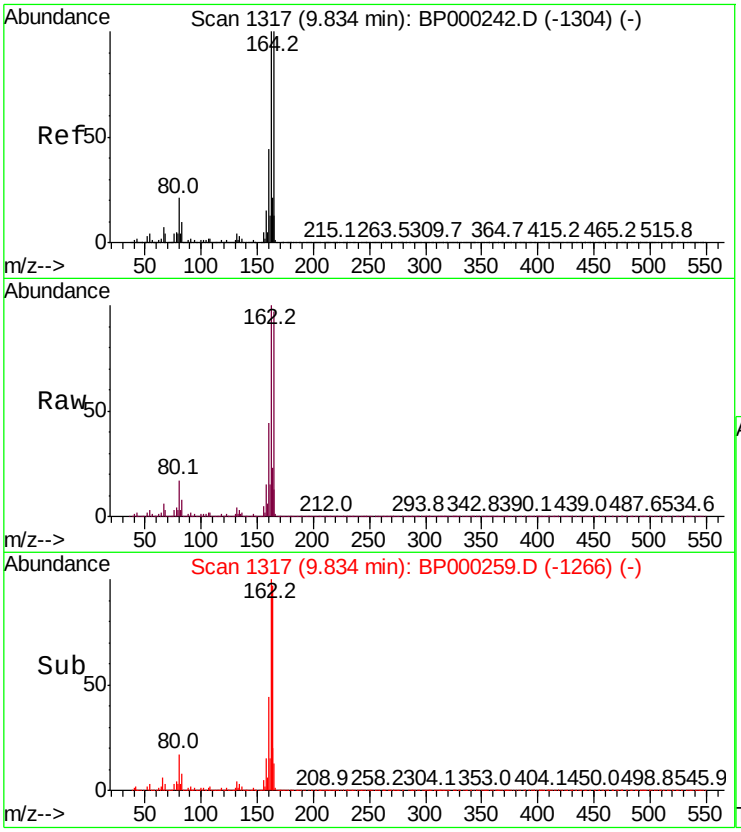


#25
Isophorone
Concen: 13.916 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion: 82 Resp: 606505

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	15.9	23.9#



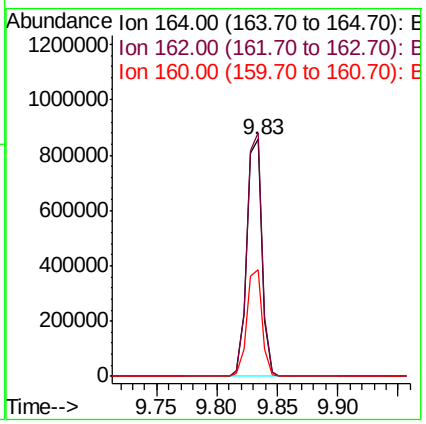


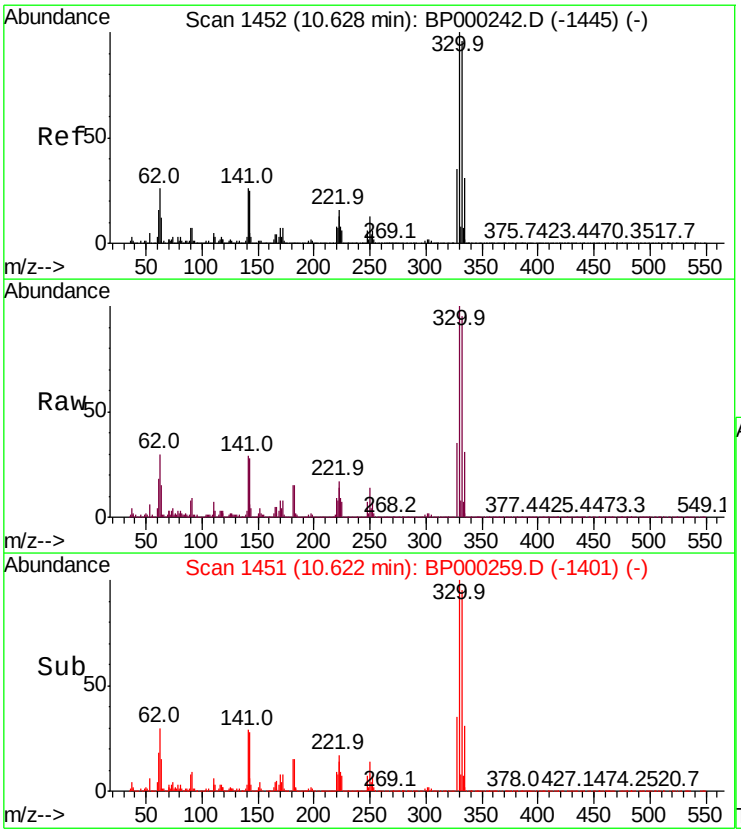
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 752963

Ion	Ratio	Lower	Upper
164	100		
162	102.8	79.9	119.9
160	45.3	35.6	53.4

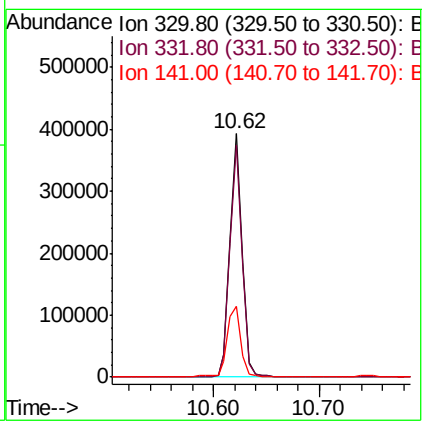


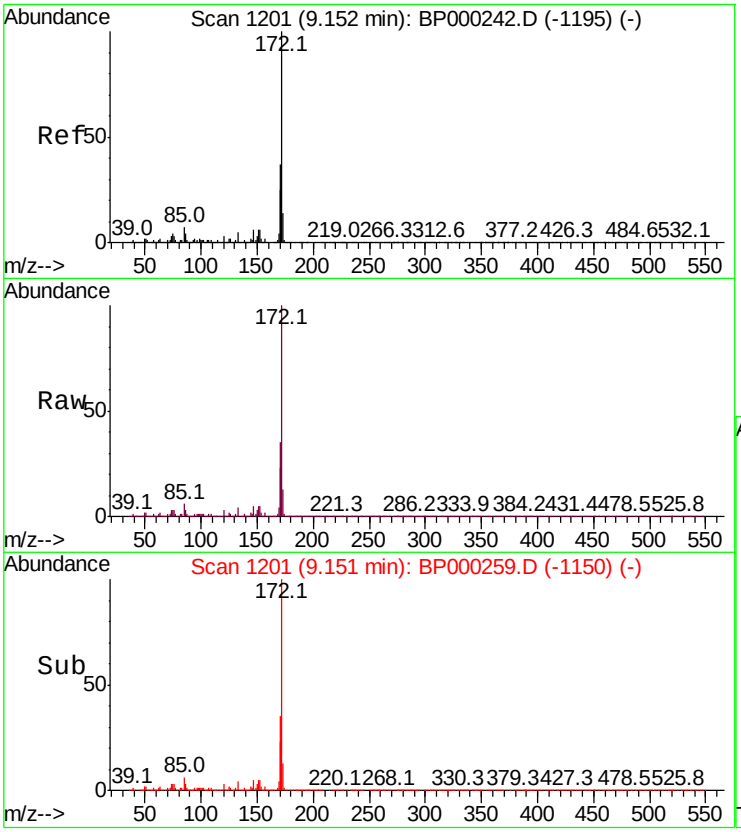


#42
2,4,6-Tribromophenol
Concen: 41.435 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:330 Resp: 309452

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	32.5	26.5	39.7



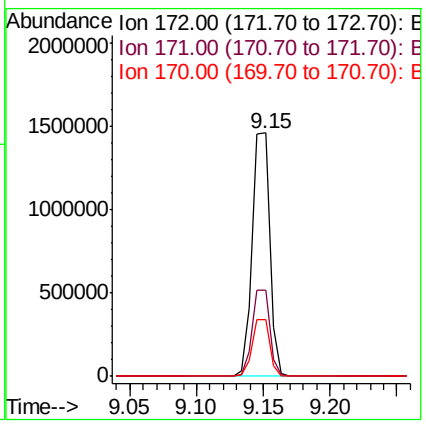


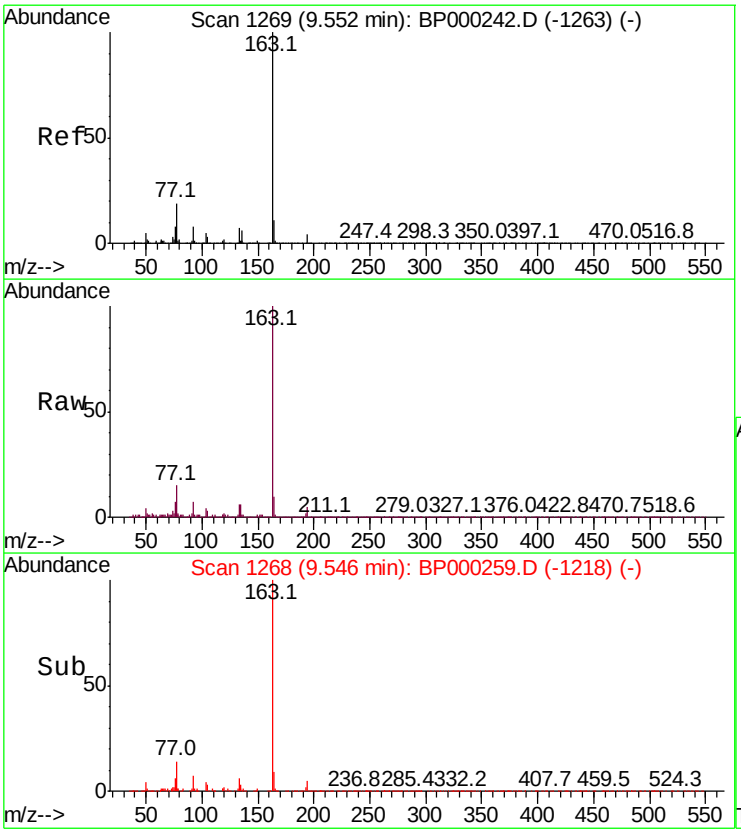
#45
2-Fluorobiphenyl
Concen: 31.098 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1301024

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.8	44.6
170	23.2	19.8	29.6

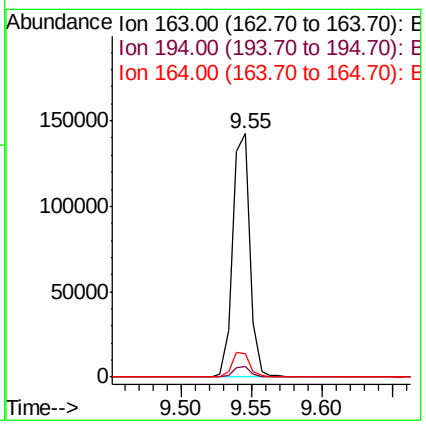


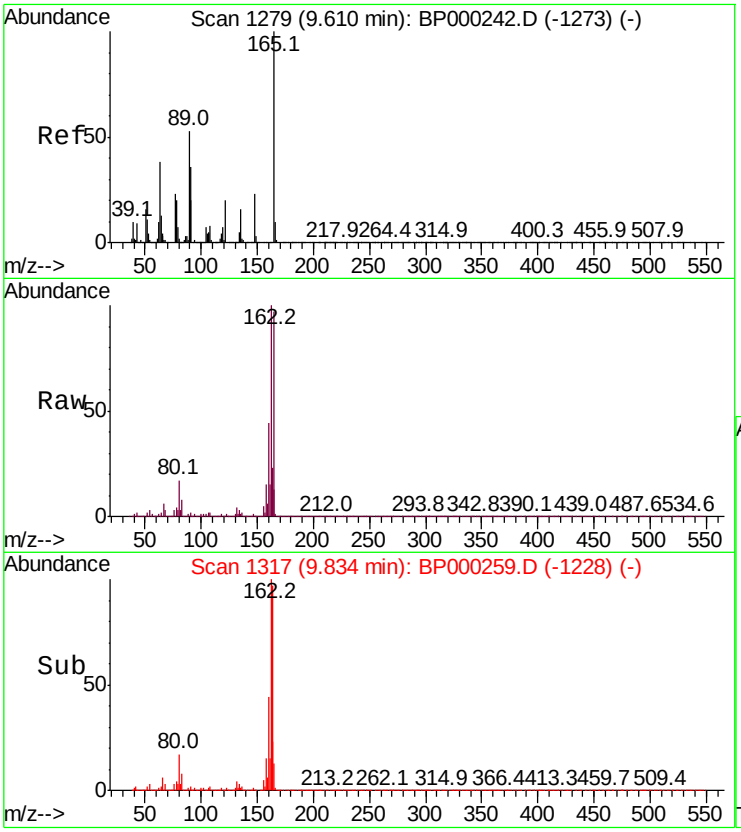


#50
Dimethylphthalate
Concen: 2.335 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:163 Resp: 119796

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	9.6	8.5	12.7



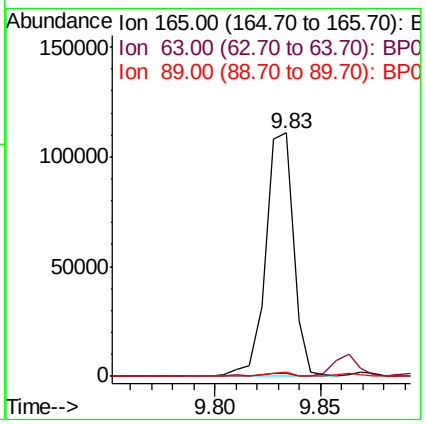


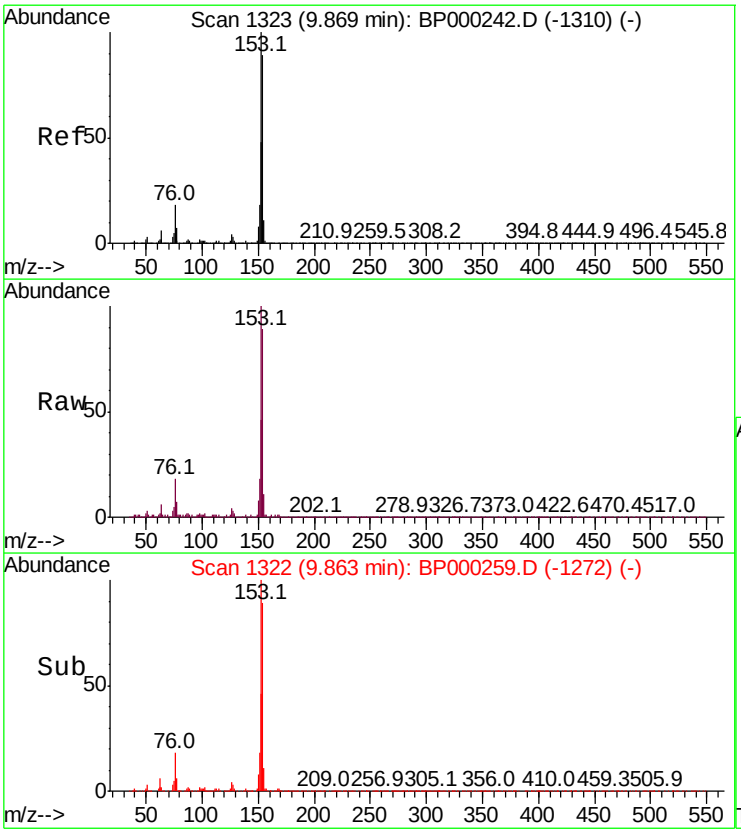
#51
2,6-Dinitrotoluene
Concen: 8.940 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 100840

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.8	53.8#
89	1.6	42.6	63.8#

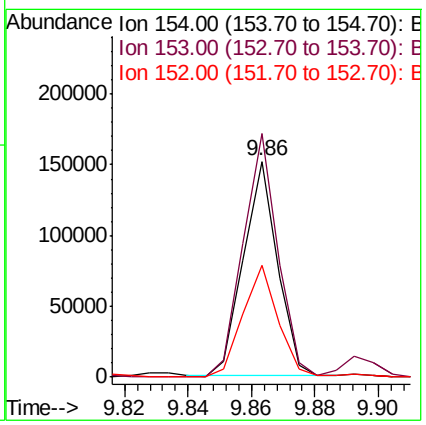


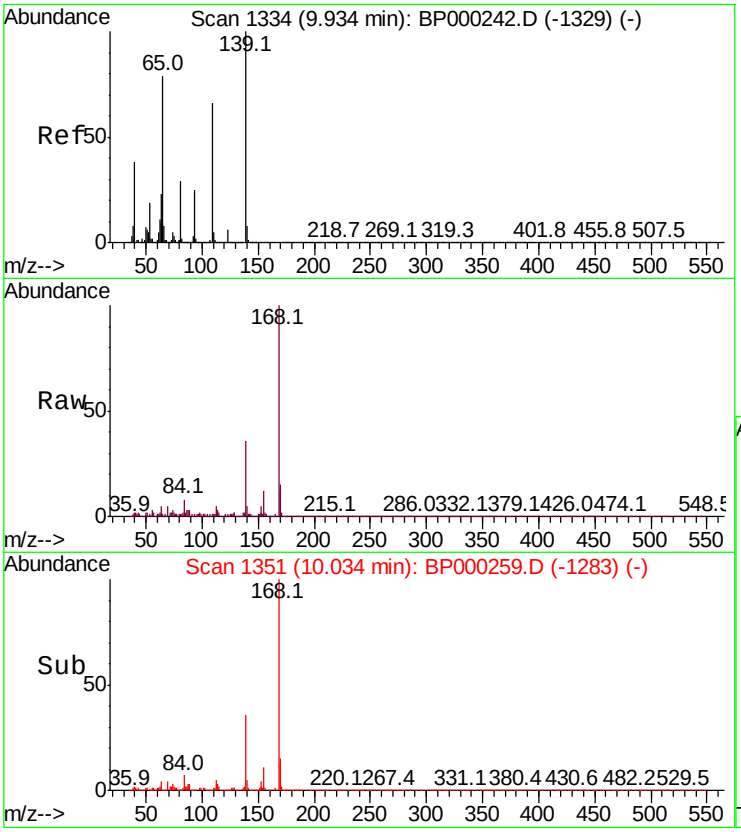


#52
Acenaphthene
Concen: 2.725 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:154 Resp: 112965

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.8	134.6
152	52.1	43.4	65.0



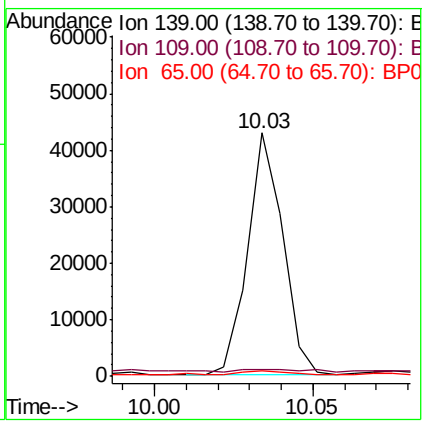


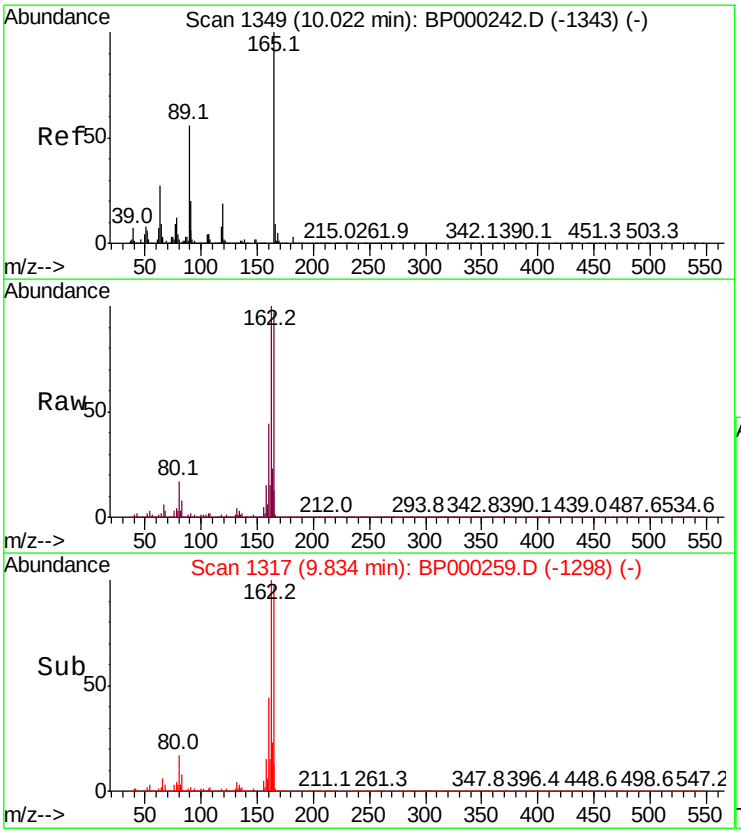
#56
4-Nitrophenol
Concen: 3.388 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.10 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:139 Resp: 32988

Ion	Ratio	Lower	Upper
139	100		
109	3.0	46.2	86.2#
65	2.1	59.4	99.4#

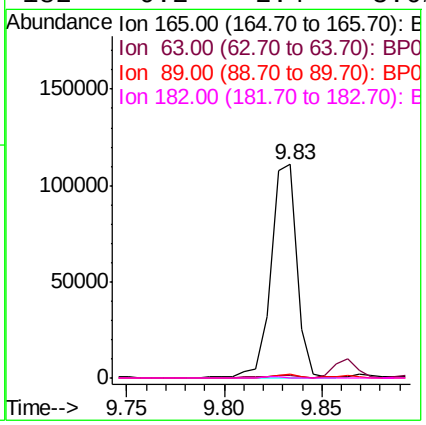


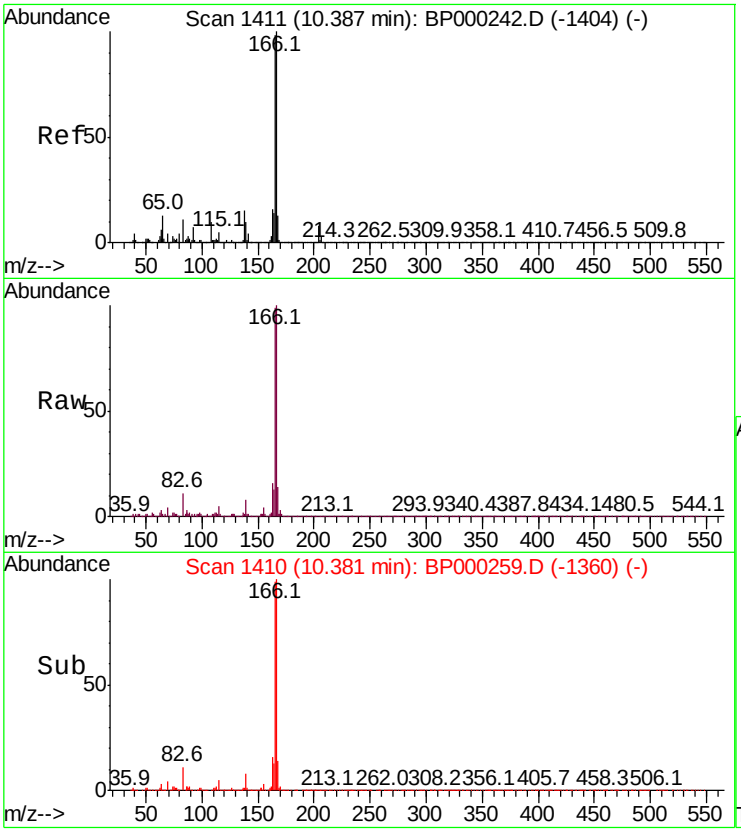


#57
2,4-Dinitrotoluene
Concen: 6.827 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:165 Resp: 100672

Ion	Ratio	Lower	Upper
165	100		
63	1.2	21.7	32.5#
89	1.6	45.0	67.6#
182	0.2	2.4	3.6#



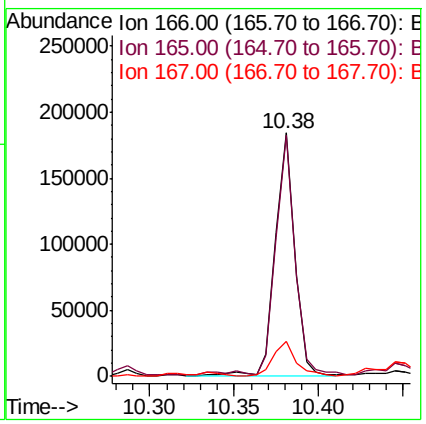


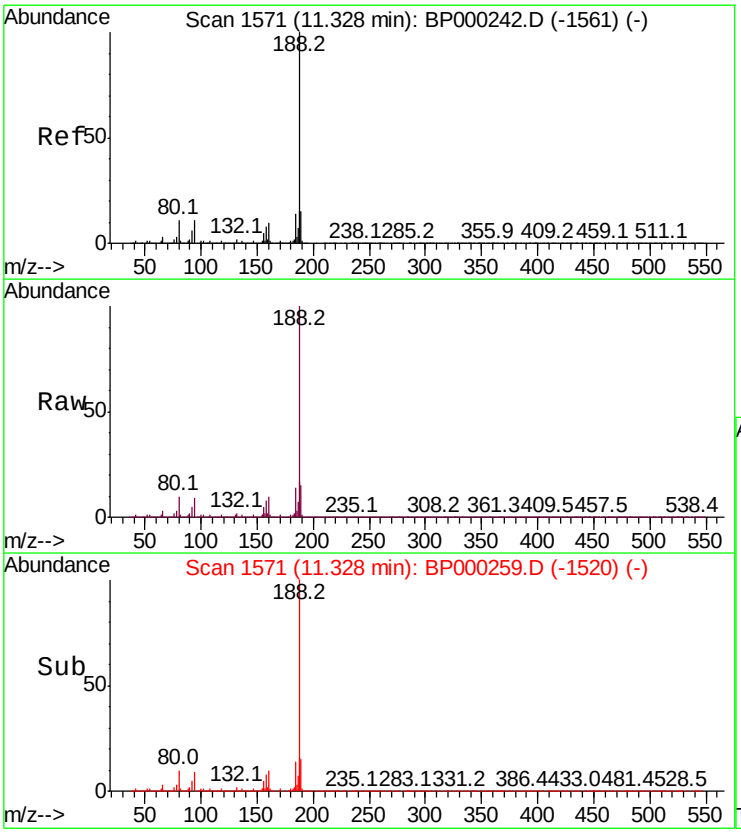
#58
Fluorene
Concen: 3.172 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 143538

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.2	117.2
167	14.4	10.7	16.1

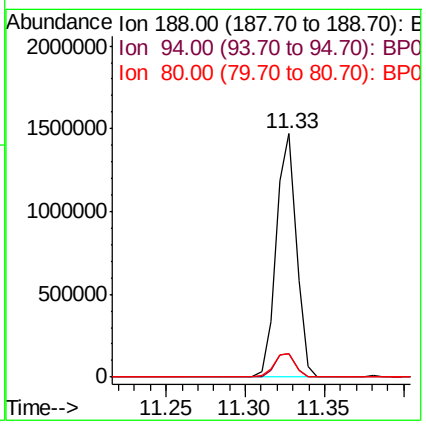


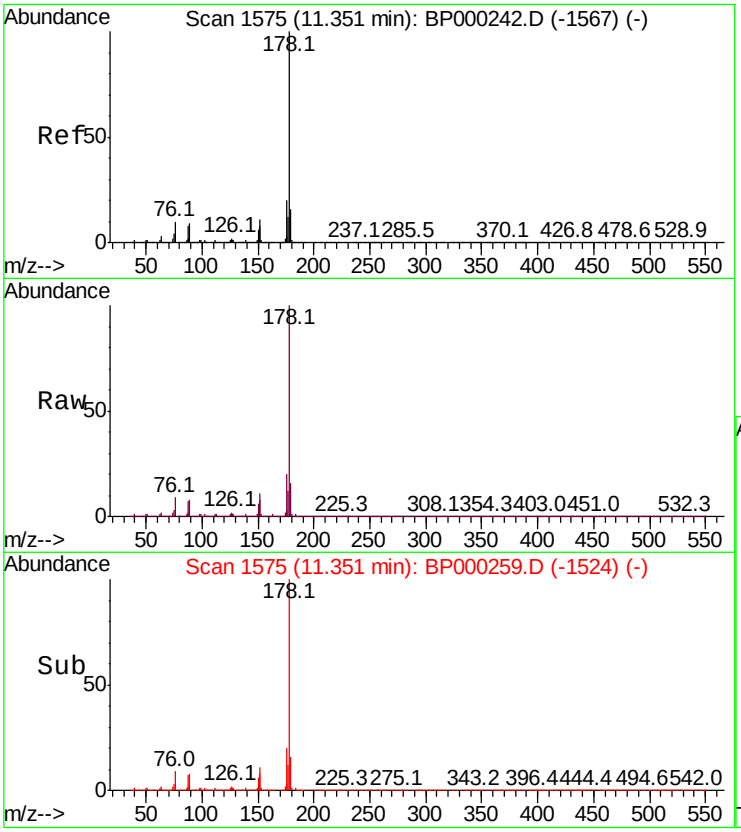


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:188 Resp: 1298491

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.6	8.6	13.0



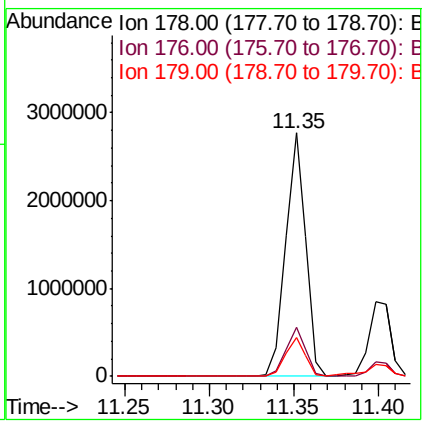


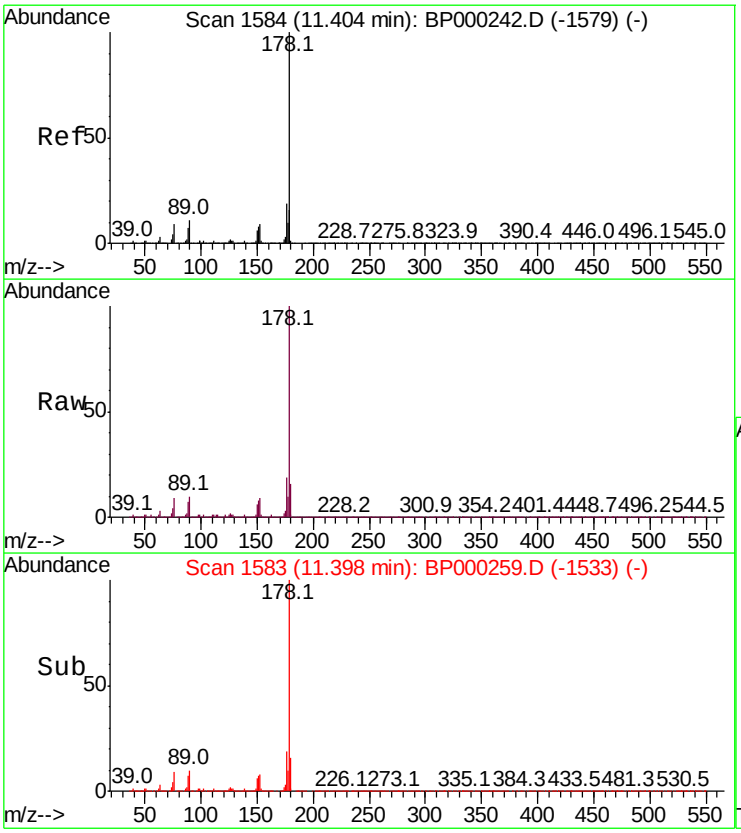
#71
Phenanthrene
Concen: 35.229 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 2292349

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.9	12.7	19.1

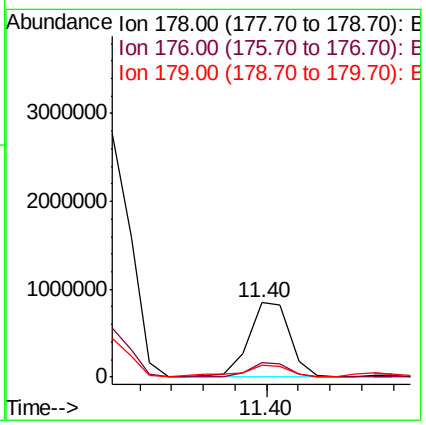


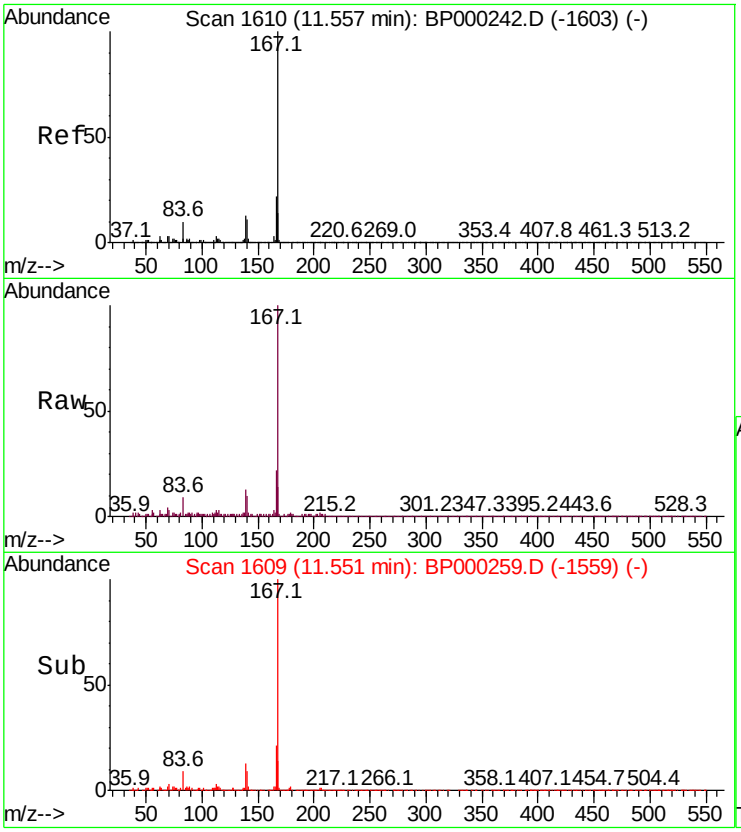


#72
Anthracene
Concen: 11.271 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:178 Resp: 754946

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	16.2	12.7	19.1



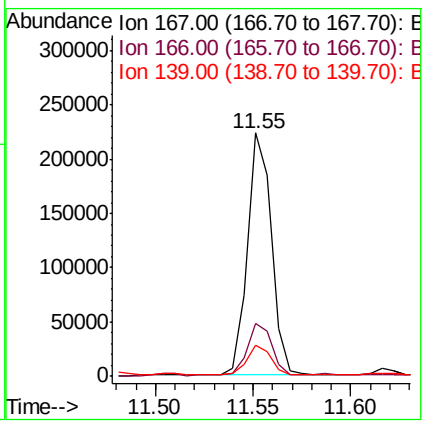


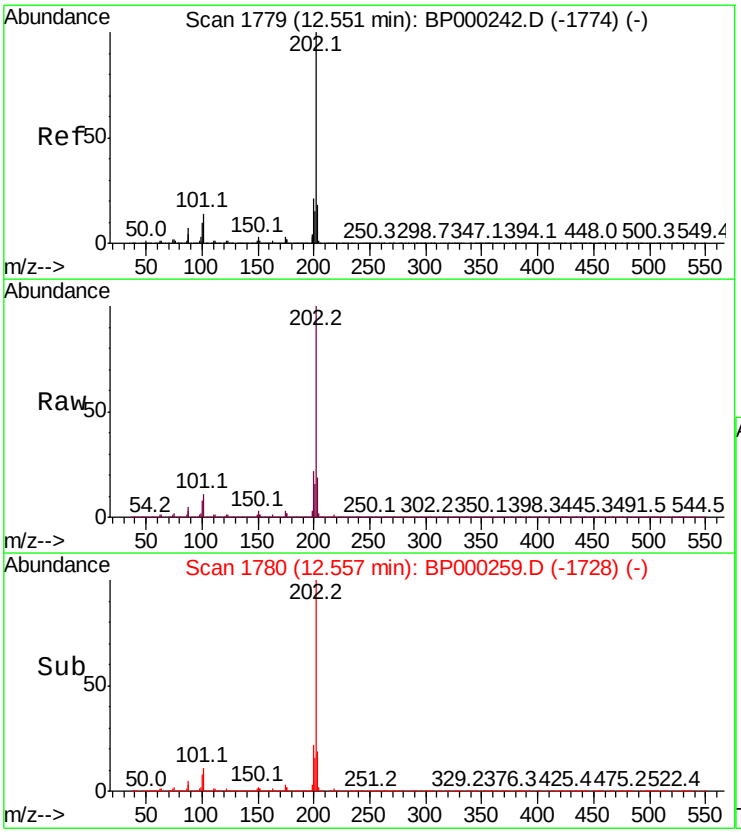
#73
Carbazole
Concen: 3.155 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 190294

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.8
139	12.9	10.8	16.2

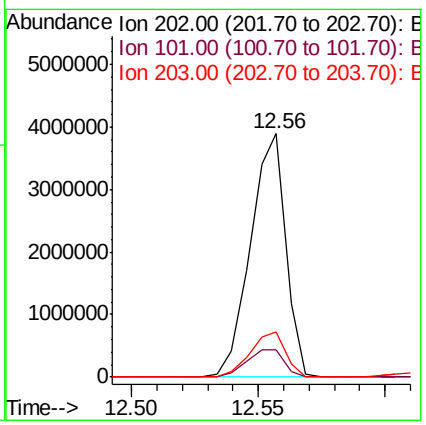


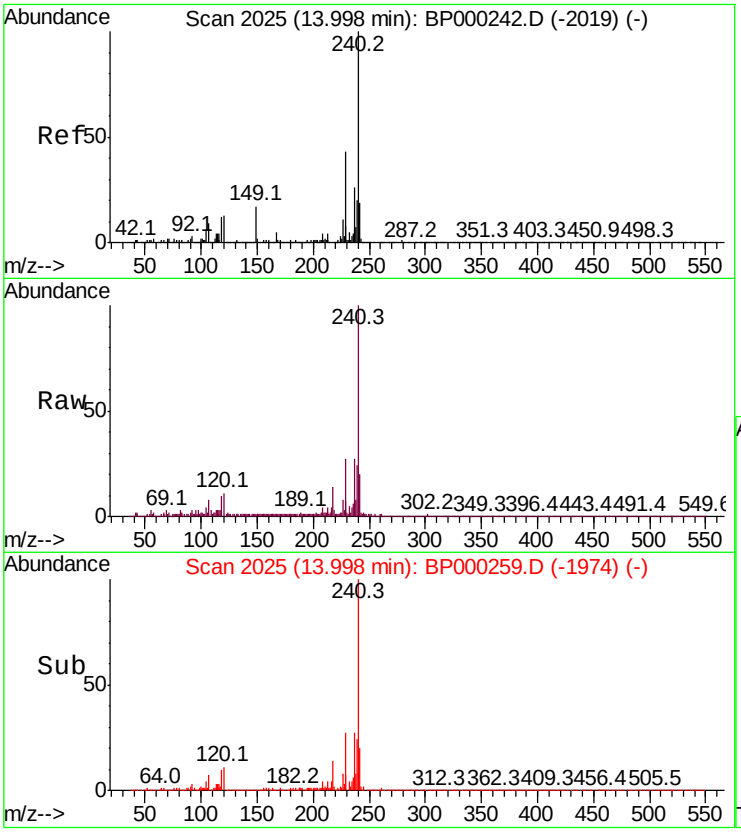


#75
Fluoranthene
Concen: 54.032 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:202 Resp: 3775347

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.9
203	18.6	0.0	38.0



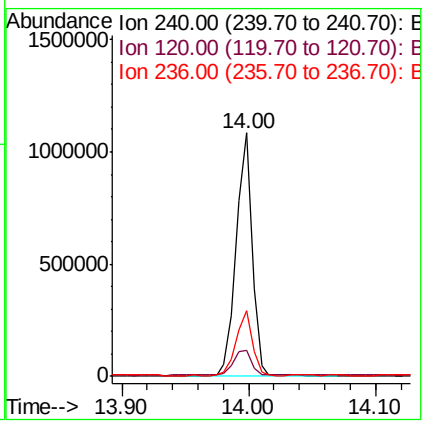


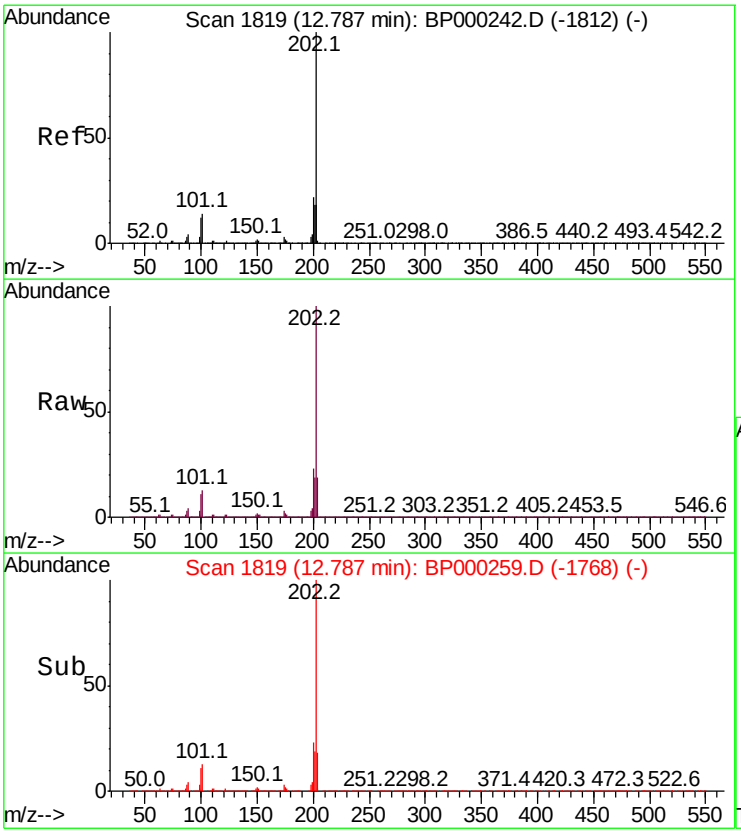
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 929131

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.4	15.6
236	27.0	21.0	31.6

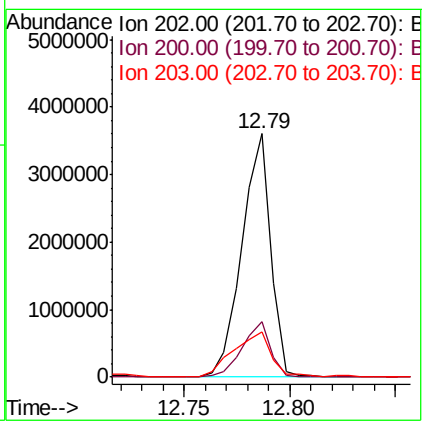


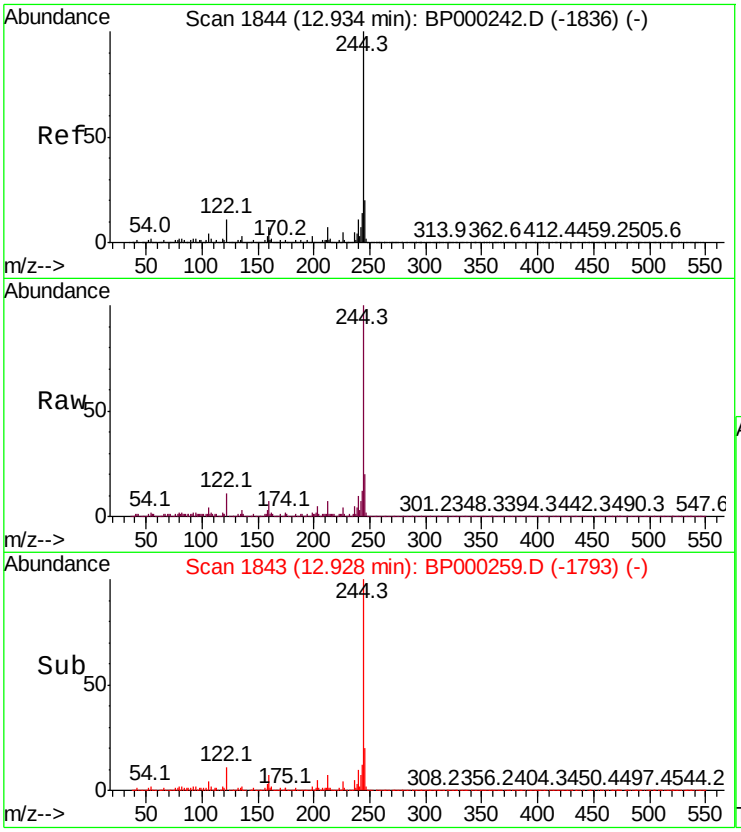


#78
Pyrene
Concen: 49.244 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:202 Resp: 3423180

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.5	26.3
203	18.8	14.3	21.5



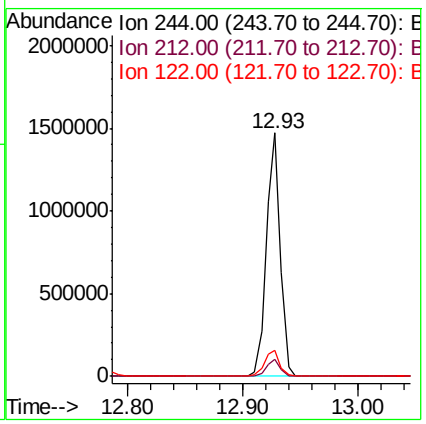


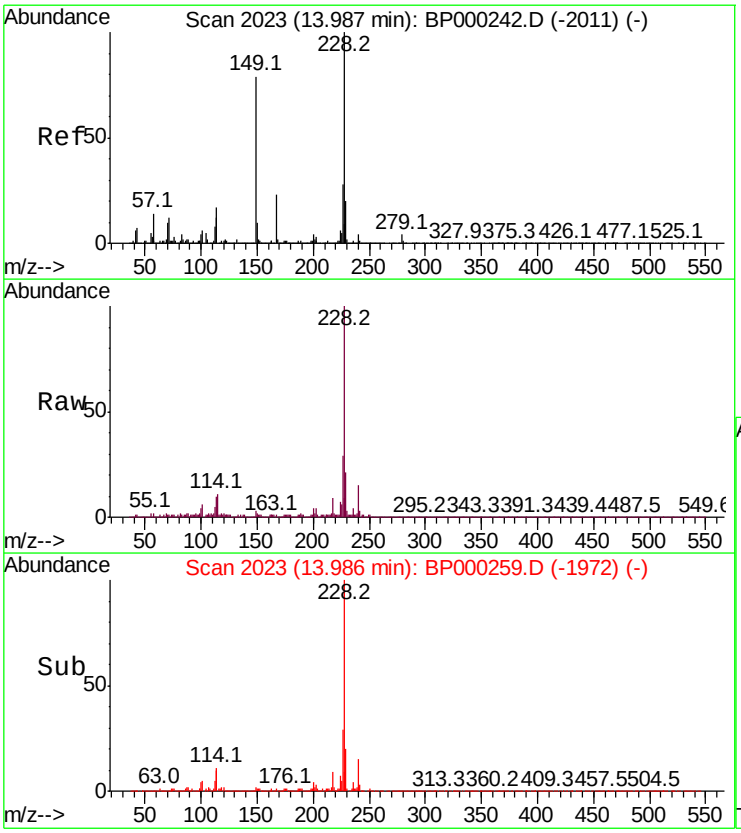
#79
Terphenyl-d14
Concen: 28.022 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1241100

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.9	9.0	13.4

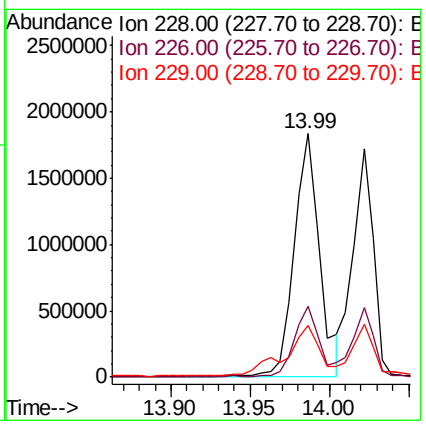


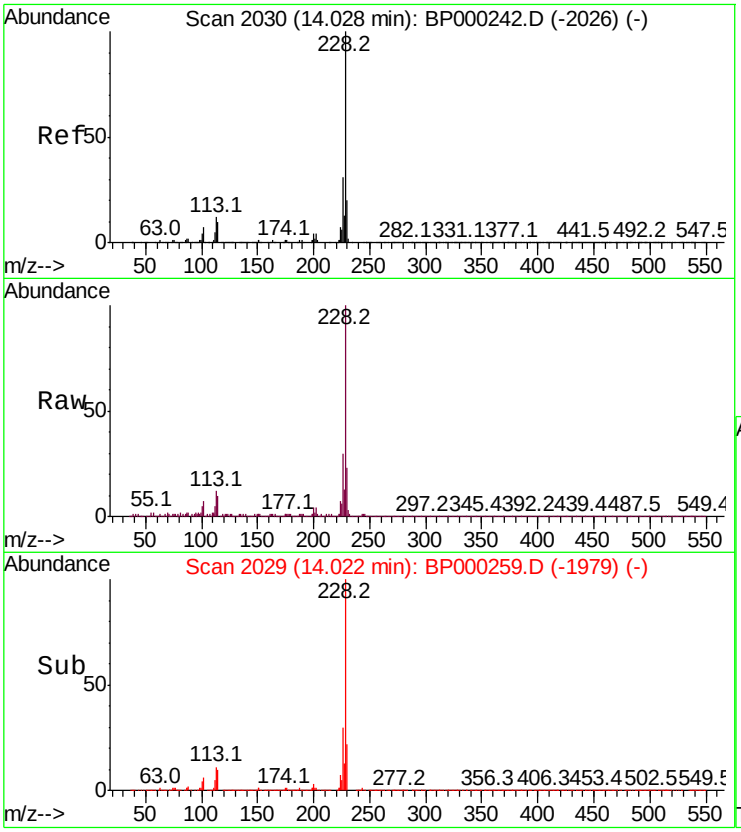


#81
Benzo(a)anthracene
Concen: 34.579 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:228 Resp: 2029464

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.2	33.4
229	21.1	16.0	24.0



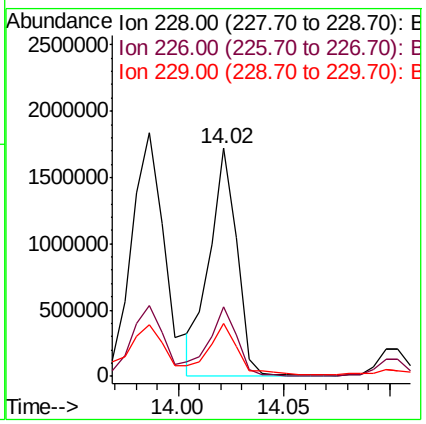


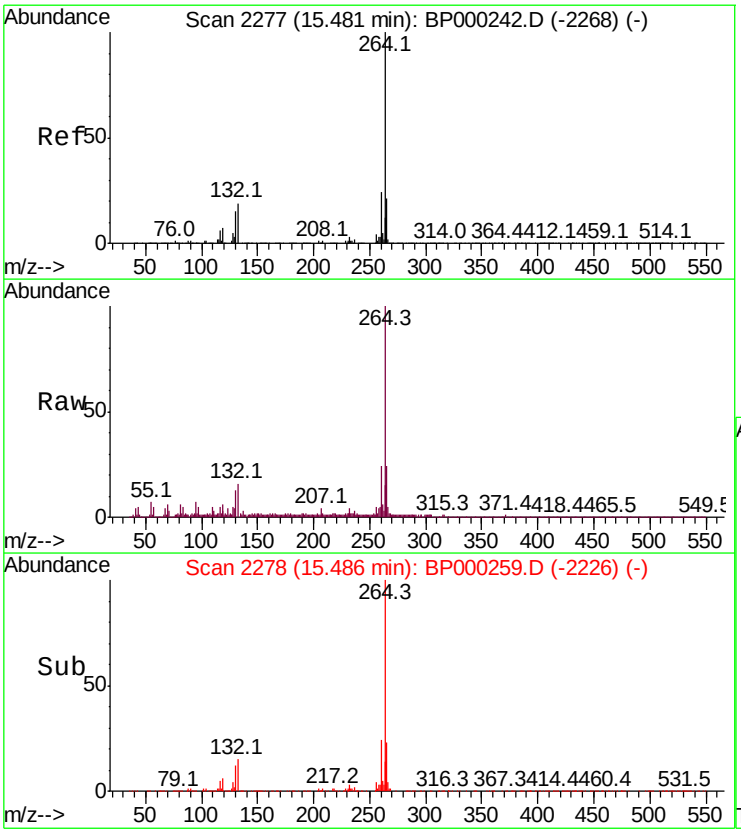
#83
Chrysene
Concen: 26.827 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1545921

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.9	16.2	24.2

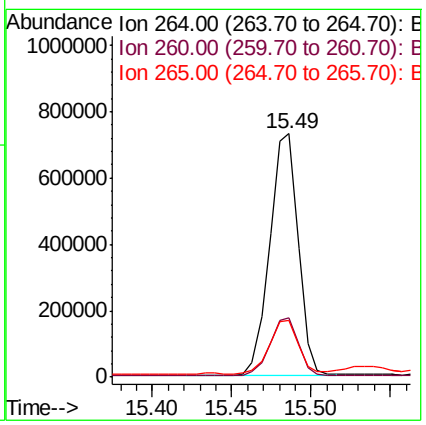


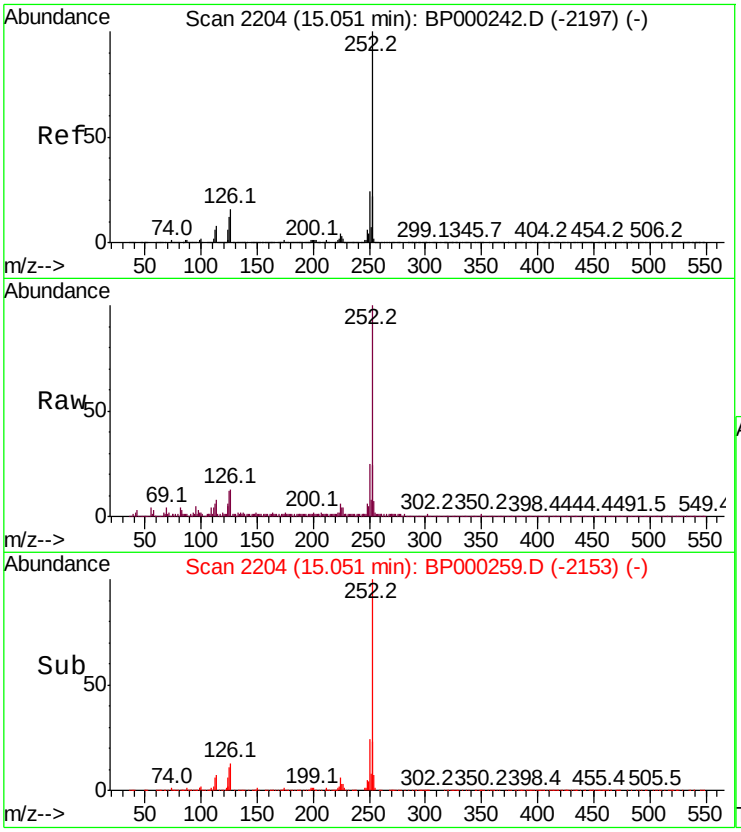


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:264 Resp: 920364

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	23.5	17.2	25.8



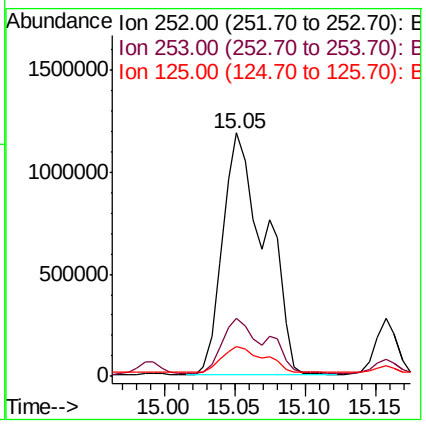


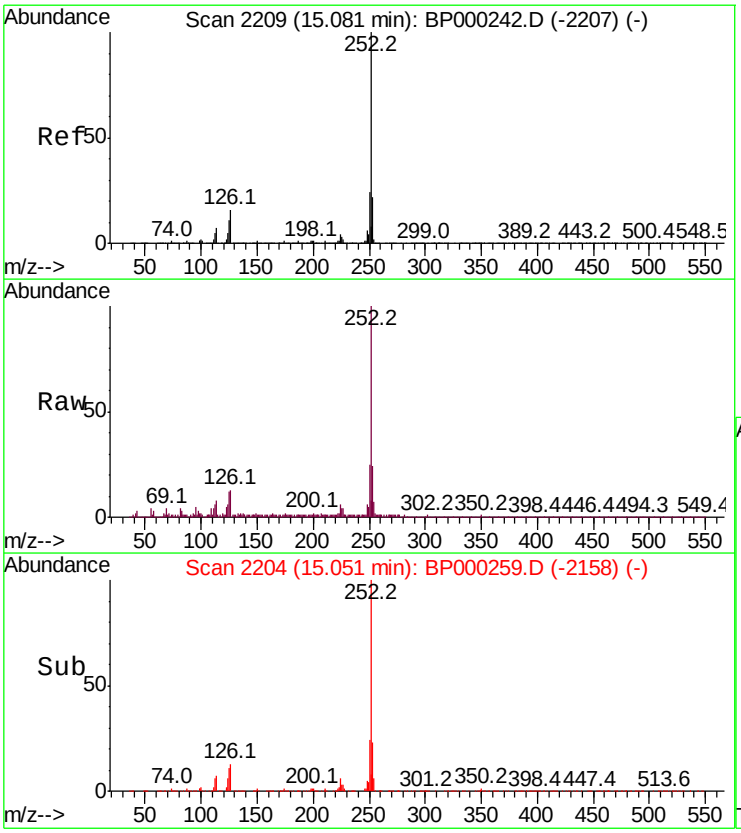
#88
Benzo(b)fluoranthene
Concen: 45.709 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2509668

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	12.1	9.5	14.3

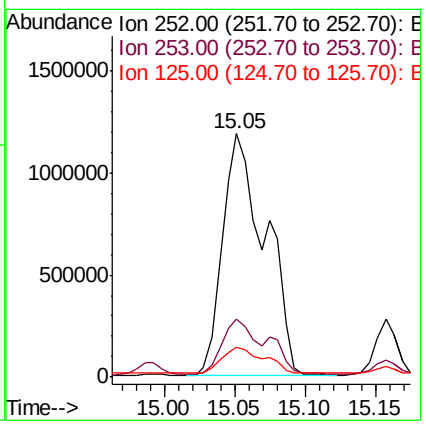


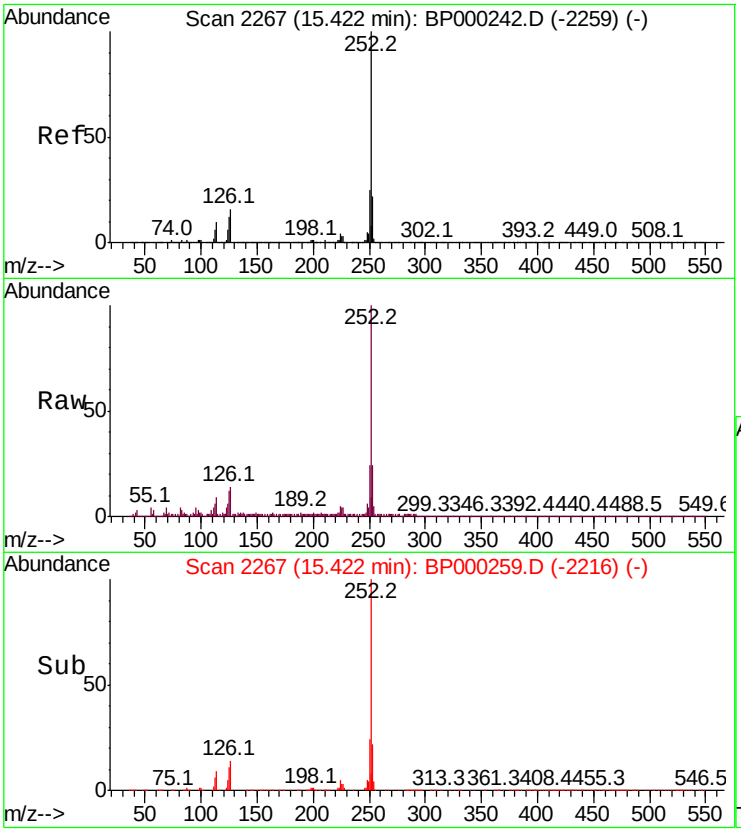


#89
Benzo(k)fluoranthene
Concen: 52.401 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:252 Resp: 2509668

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	12.1	9.6	14.4



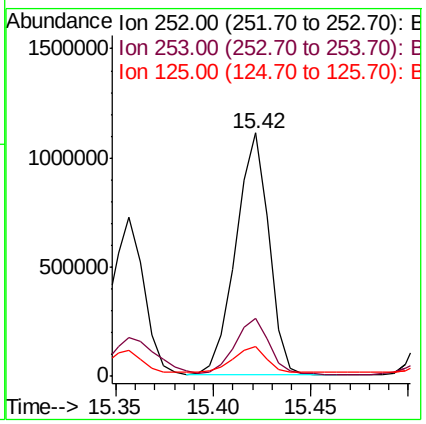


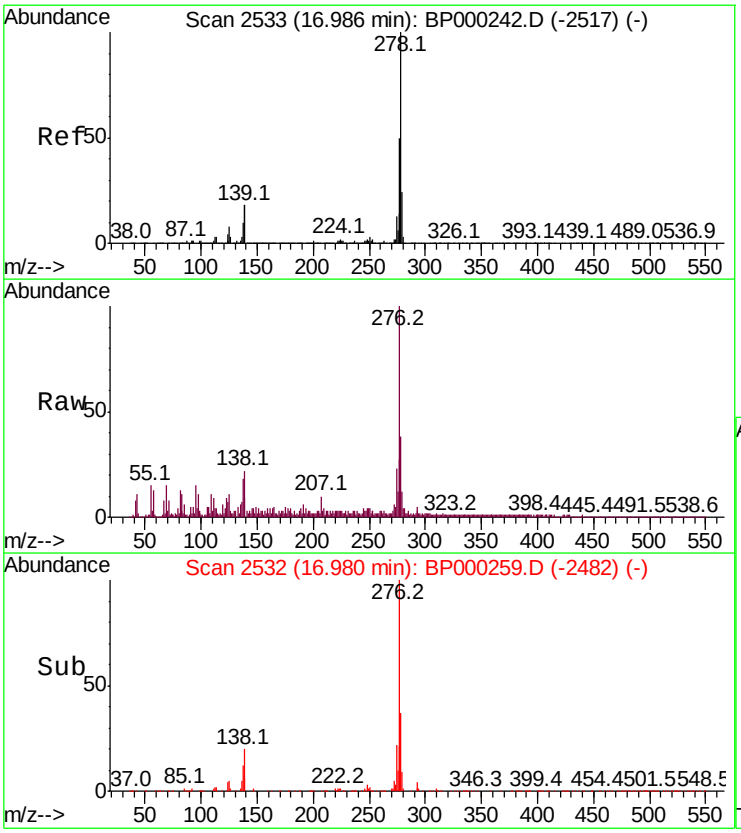
#90
Benzo(a)pyrene
Concen: 25.952 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1296544

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	12.2	10.0	15.0

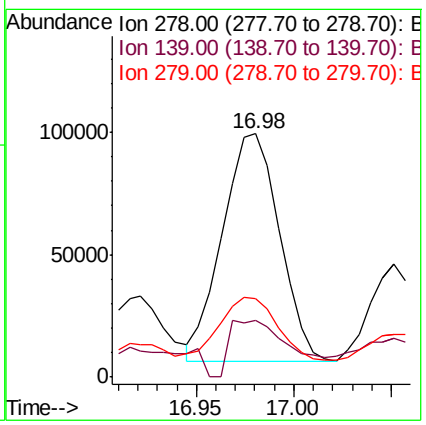


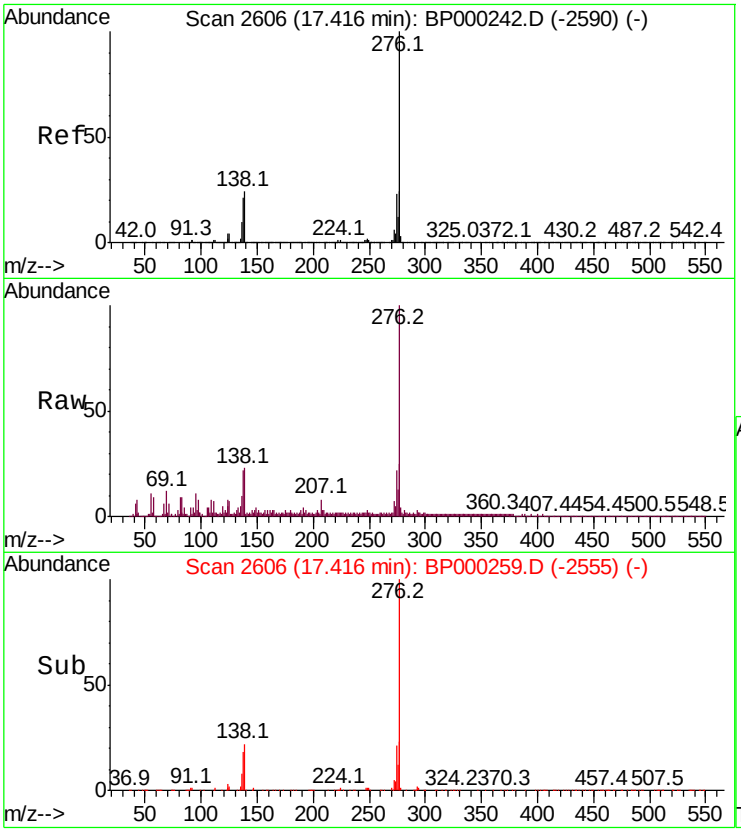


#91
Dibenzo(a,h)anthracene
Concen: 4.033 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Tgt Ion:278 Resp: 187847

Ion	Ratio	Lower	Upper
278	100		
139	23.4	14.5	21.7#
279	32.1	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 13.046 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BP000259.D
Acq: 17 Sep 2019 00:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 624604

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.1	28.7
138	23.2	19.5	29.3