Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000429.D
Acq On : 26 Sep 2019 17:59
Operator : JU
Sample : K5038-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 27 00:12:54 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	211489	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	574955	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	306365	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	423149	20.00	ng		0.00
76) Chrysene-d12	14.01	240	589722	20.00	ng		0.01
87) Perylene-d12	15.50	264	452843	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1198882	97.86	ng		0.02
7) Phenol-d6	6.44	99	1768682	117.78	ng		0.02
23) Nitrobenzene-d5	7.35	82	966813	108.49	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	326759	107.53	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2009334	118.04	ng		0.00
79) Terphenyl-d14	12.94	244	1844802	65.63	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	3154	Below Cal			89
10) Phenol	6.45	94	70921	4.157	ng		86
19) n-Nitroso-di-n-propylamine	7.35	70	119483	15.049	ng	#	75
25) Isophorone	7.35	82	966247	54.758	ng	#	63
31) Naphthalene	8.09	128	79800	2.997	ng		98
37) 2-Methylnaphthalene	8.79	142	51148	2.810	ng		98
38) 1-Methylnaphthalene	8.89	142	34130	2.002	ng	#	98
49) Acenaphthylene	9.69	152	423901	15.862	ng		100
50) Dimethylphthalate	9.55	163	490506	23.499	ng		100
52) Acenaphthene	9.86	154	63326	3.755	ng		98
55) Dibenzofuran	10.04	168	61076	2.562	ng	#	95
58) Fluorene	10.39	166	67426	3.662	ng		99
67) 4-Bromophenyl-phenylether	10.63	248	22271	4.654	ng	#	1
69) Atrazine	11.02	200	225	Below Cal		#	1
71) Phenanthrene	11.36	178	832909	39.279	ng		99
72) Anthracene	11.41	178	577692	26.467	ng		99
73) Carbazole	11.56	167	91259	4.643	ng		99
75) Fluoranthene	12.57	202	4218179	185.254	ng		95
78) Pyrene	12.80	202	3730047	84.541	ng		98
81) Benzo(a)anthracene	14.00	228	2673532	71.770	ng		95
83) Chrysene	14.04	228	2559750	69.986	ng		97
84) Bis(2-ethylhexyl)phthalate	13.99	149	79763	3.277	ng		100
86) Indeno(1,2,3-cd)pyrene	17.01	276	1035591	23.229	ng	#	88
88) Benzo(b)fluoranthene	15.08	252	3450369	127.721	ng	#	96
89) Benzo(k)fluoranthene	15.08	252	3450369	146.419	ng	#	96
90) Benzo(a)pyrene	15.38	252	1282030	52.155	ng		98
91) Dibenzo(a,h)anthracene	17.02	278	272131	11.874	ng		93
92) Benzo(g,h,i)perylene	17.46	276	1069120	45.384	ng	#	94

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

Quantitation Report (Not Reviewed)

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Acq On : 26 Sep 2019 17:59
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 27 00:12:54 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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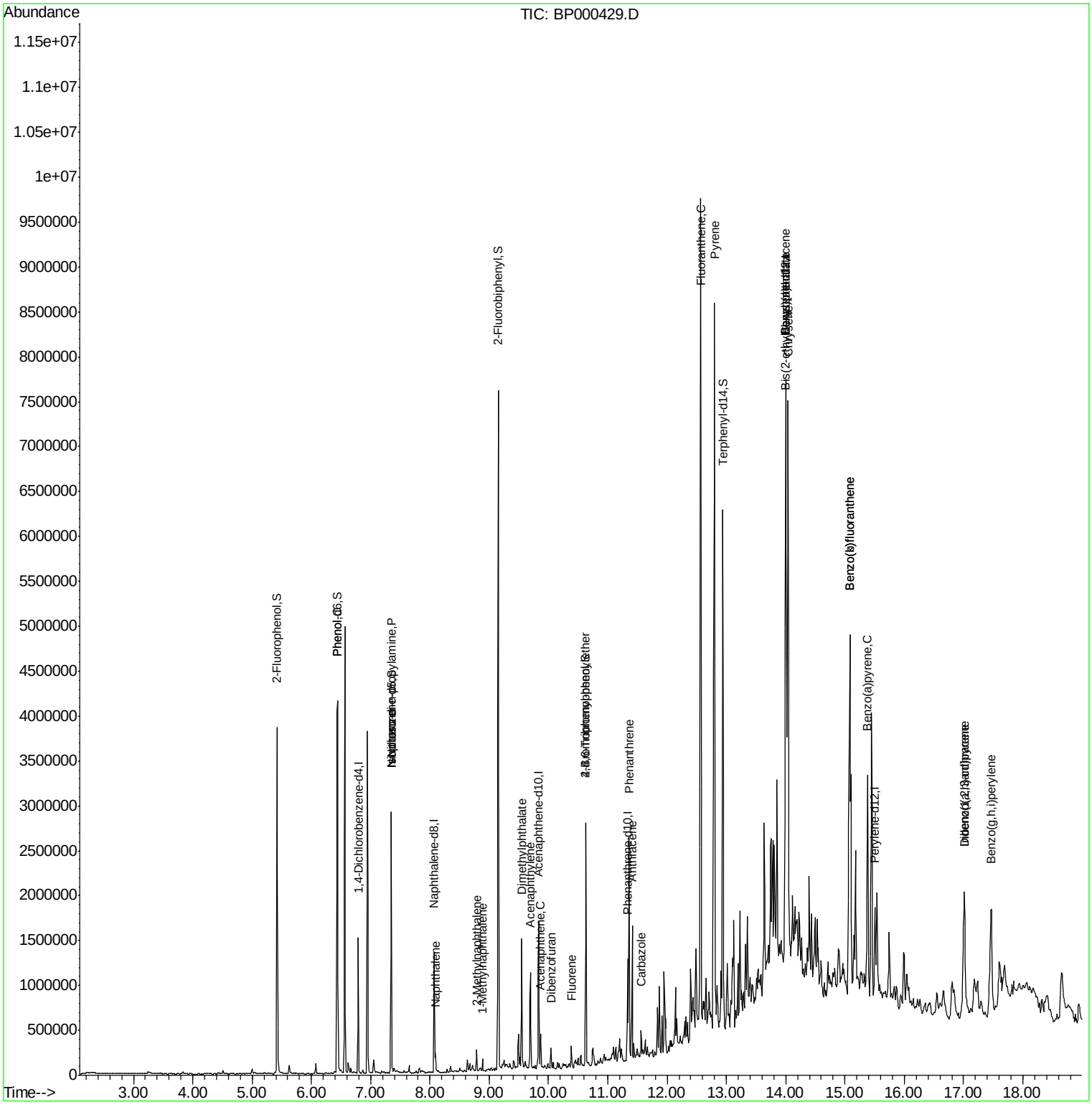
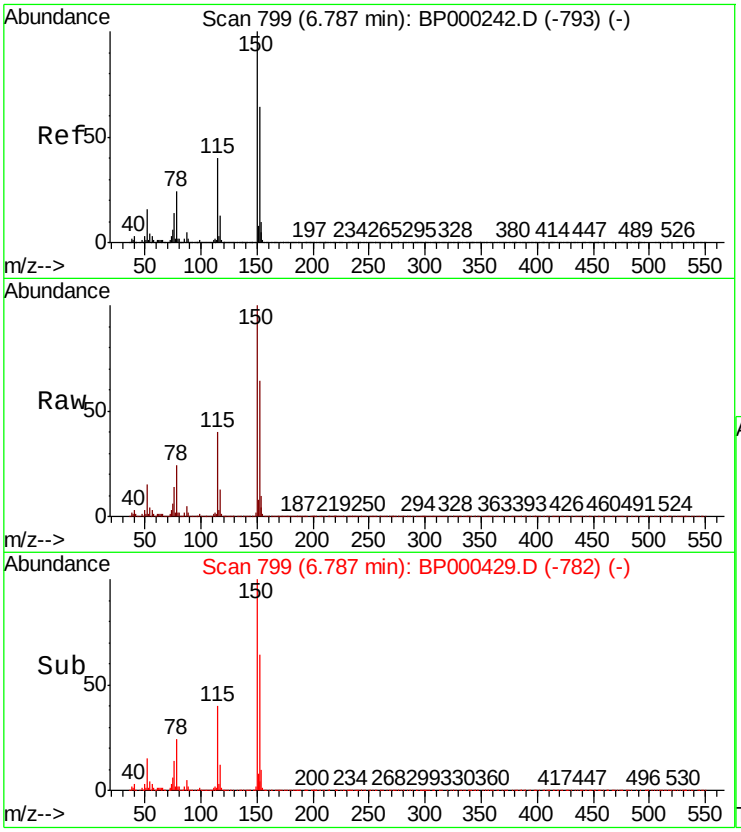


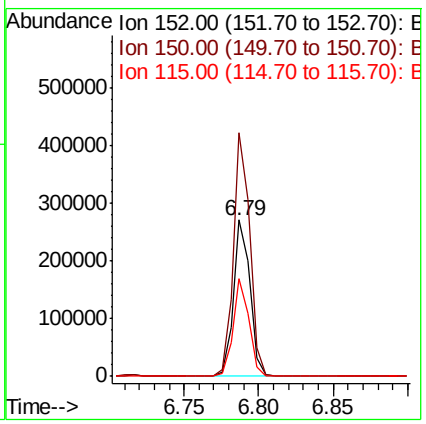


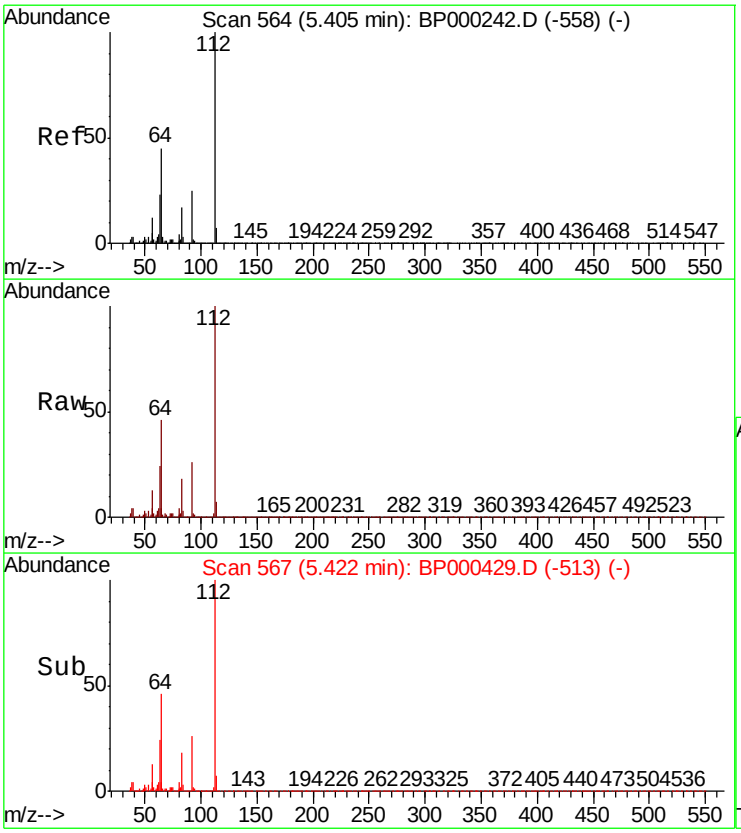
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 211489

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.2	187.8
115	62.5	49.7	74.5

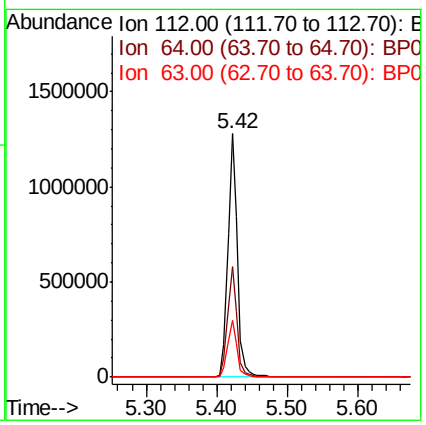


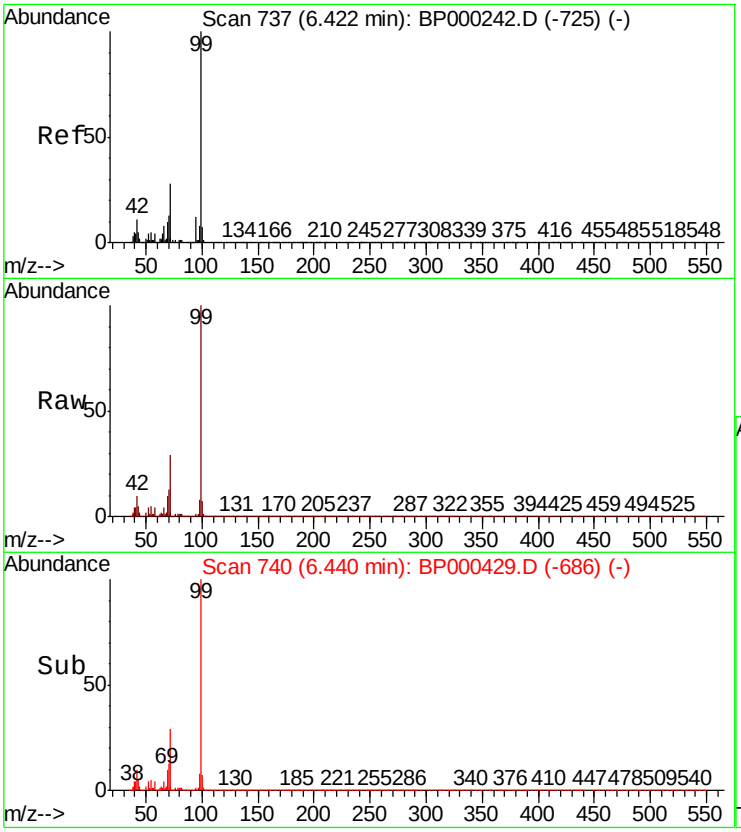


#5
2-Fluorophenol
Concen: 97.863 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:112 Resp: 1198882

Ion	Ratio	Lower	Upper
112	100		
64	45.6	36.2	54.4
63	23.5	18.3	27.5



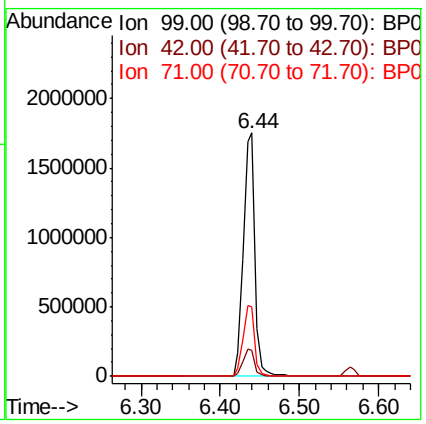


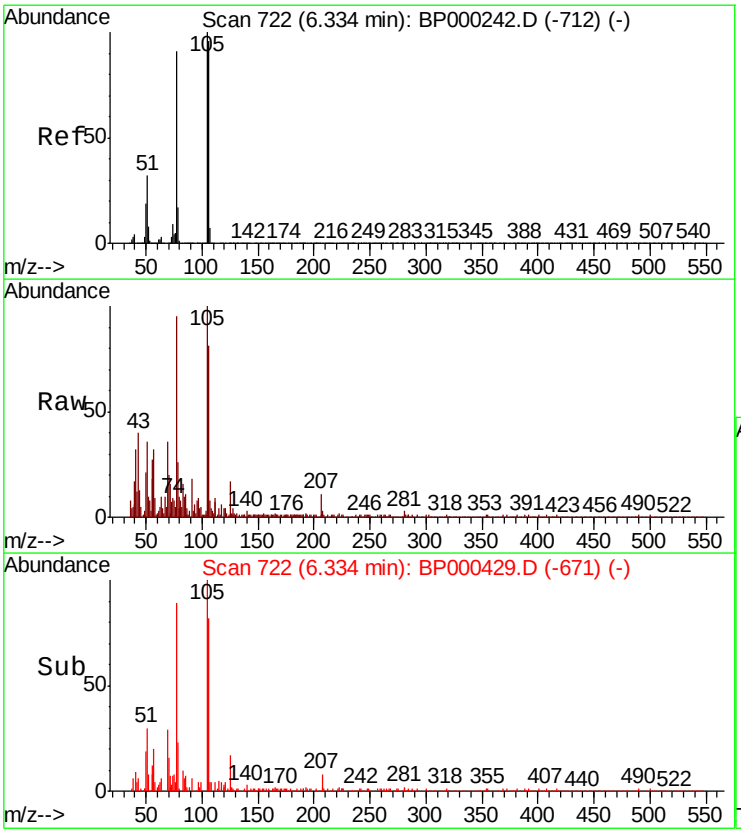
#7
Phenol-d6
Concen: 117.781 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.02 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1768682

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.5	12.7
71	28.8	22.6	34.0

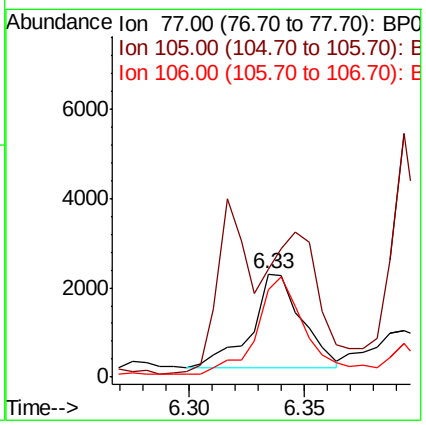


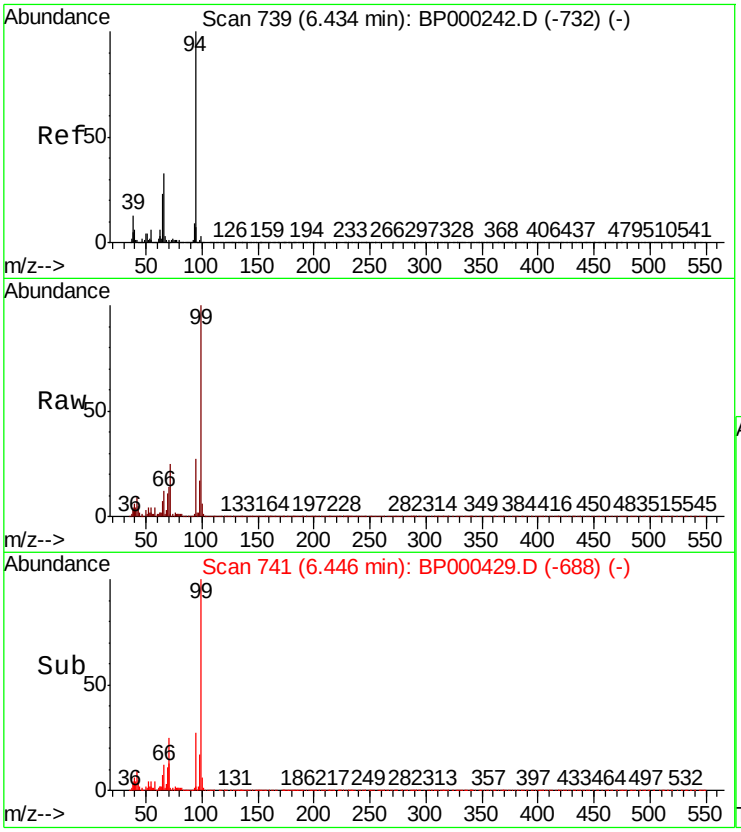


#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion: 77 Resp: 3154

Ion	Ratio	Lower	Upper
77	100		
105	105.1	89.6	129.6
106	85.5	84.6	124.6



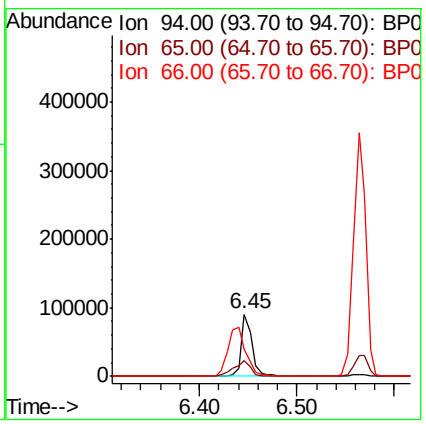


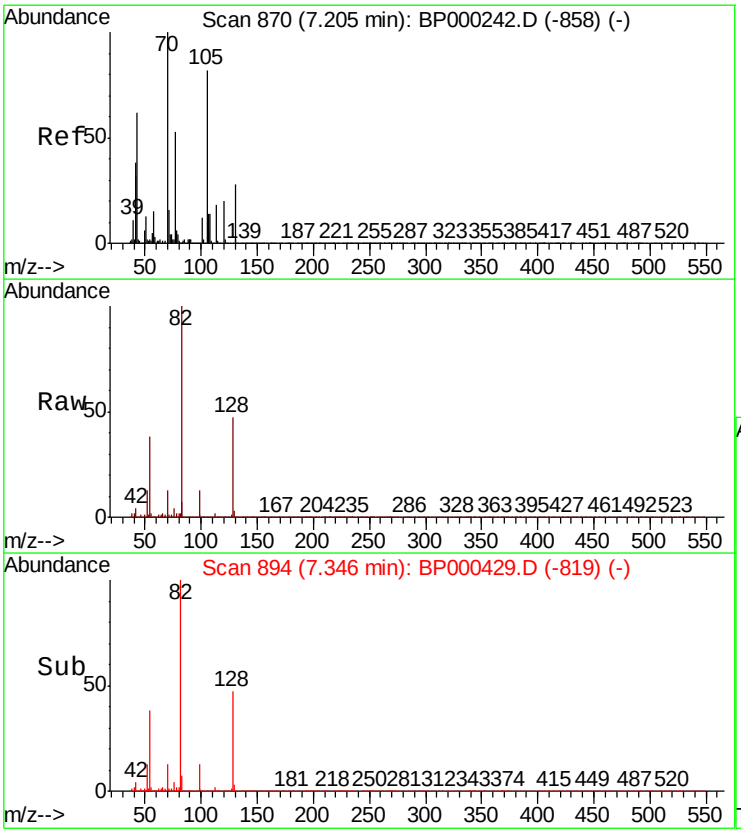
#10
Phenol
Concen: 4.157 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 70921

Ion	Ratio	Lower	Upper
94	100		
65	26.4	3.3	43.3
66	43.7	12.7	52.7

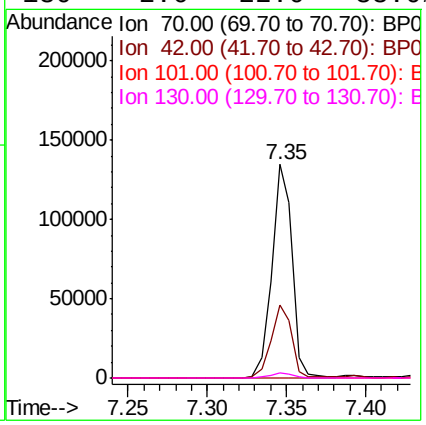


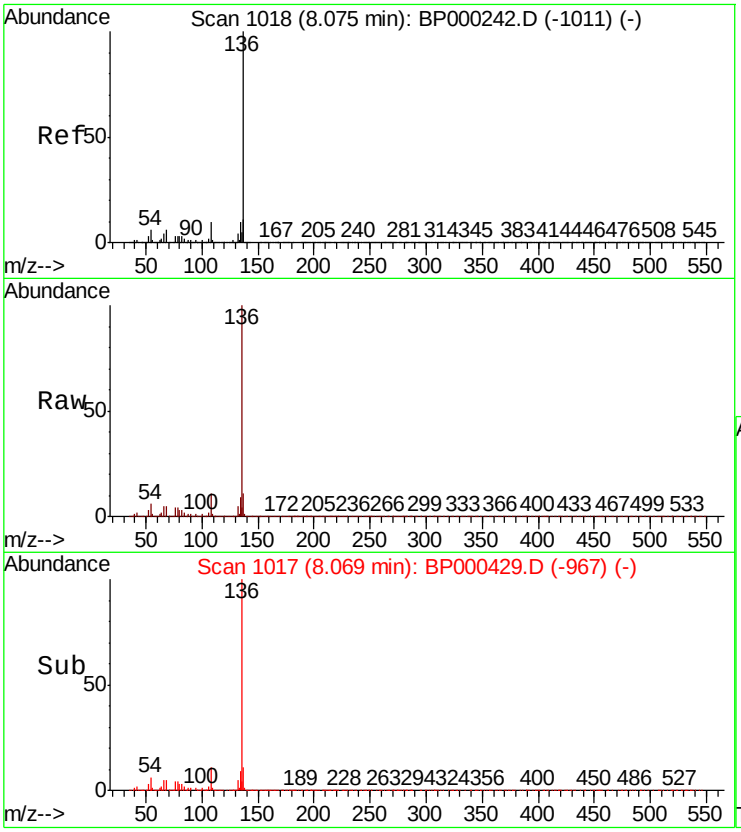


#19
n-Nitroso-di-n-propylamine
Concen: 15.049 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion: 70 Resp: 119483

Ion	Ratio	Lower	Upper
70	100		
42	34.4	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



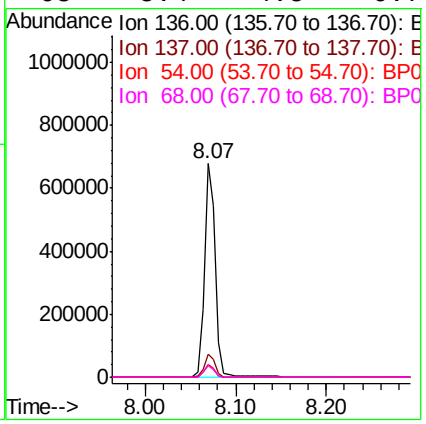


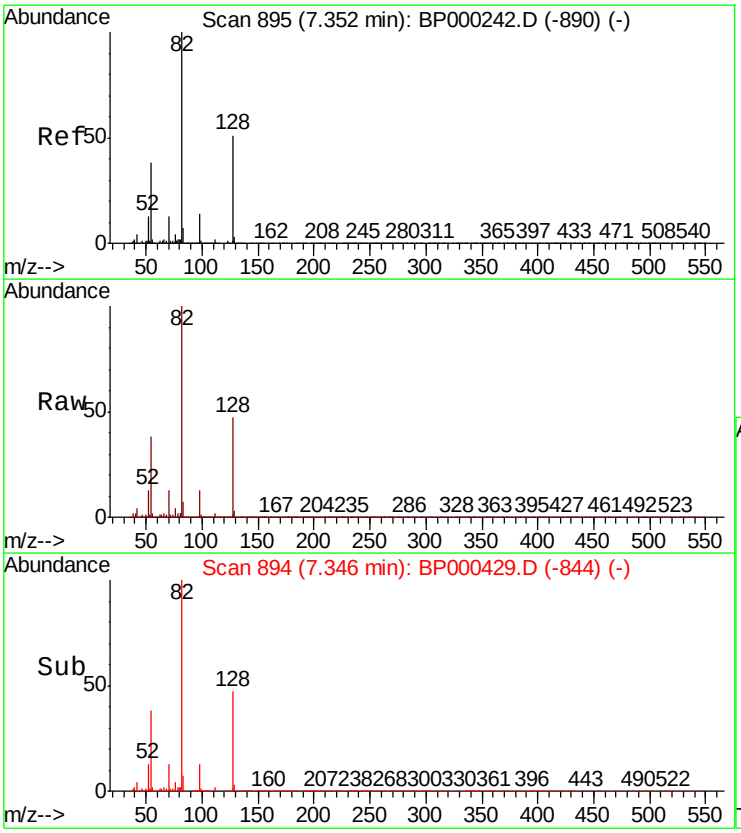
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 574955

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.9	4.5	6.7
68	5.4	4.5	6.7

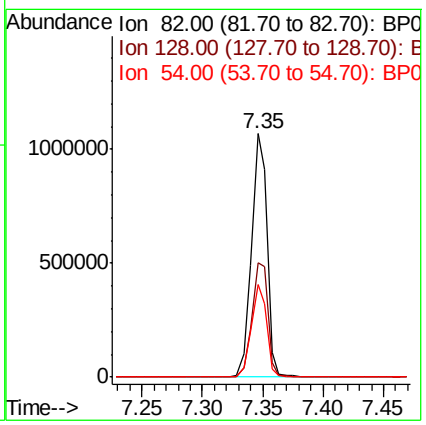


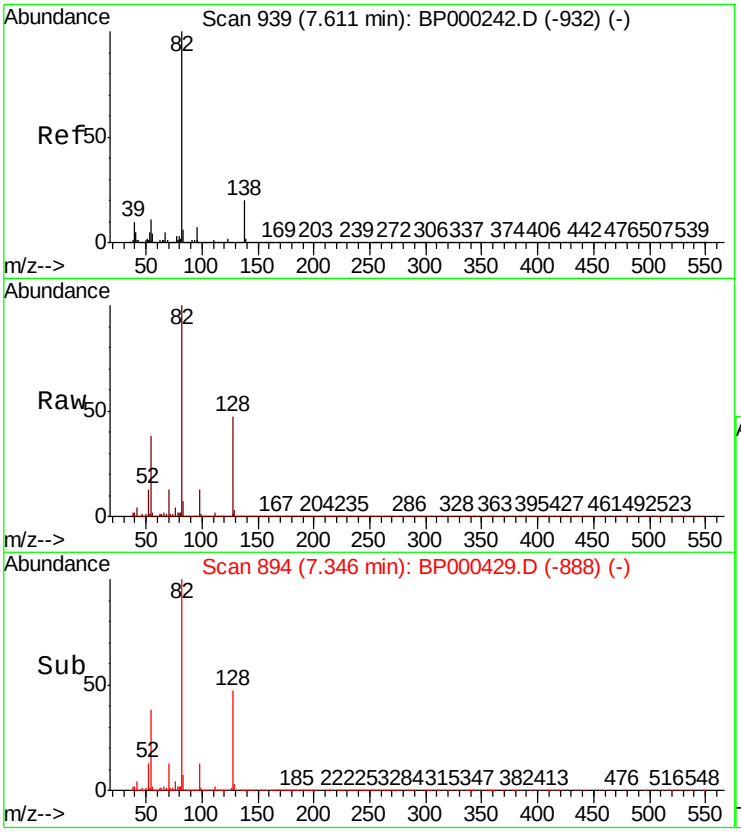


#23
Nitrobenzene-d5
Concen: 108.492 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion: 82 Resp: 966813

Ion	Ratio	Lower	Upper
82	100		
128	47.0	40.7	61.1
54	38.2	30.1	45.1



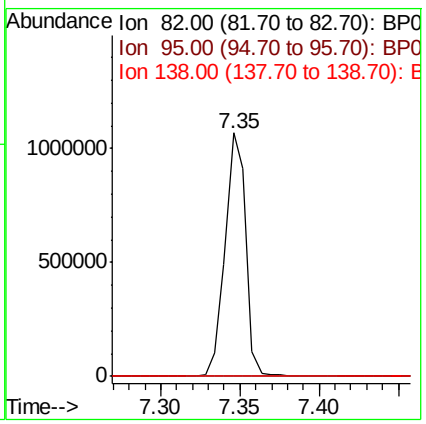


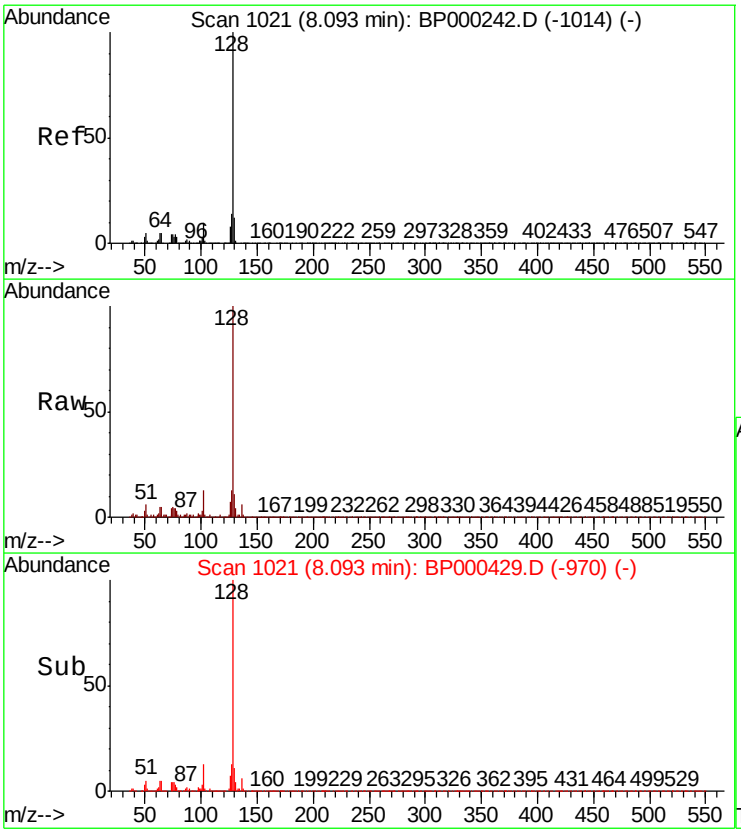
#25
Isophorone
Concen: 54.758 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 966247

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

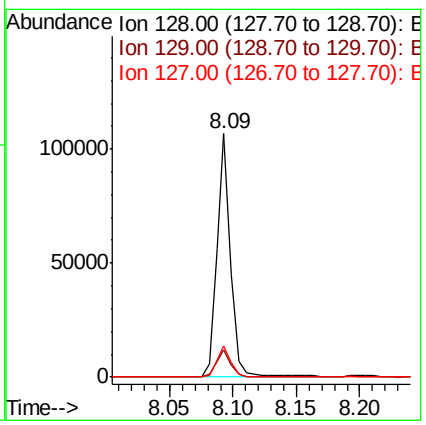


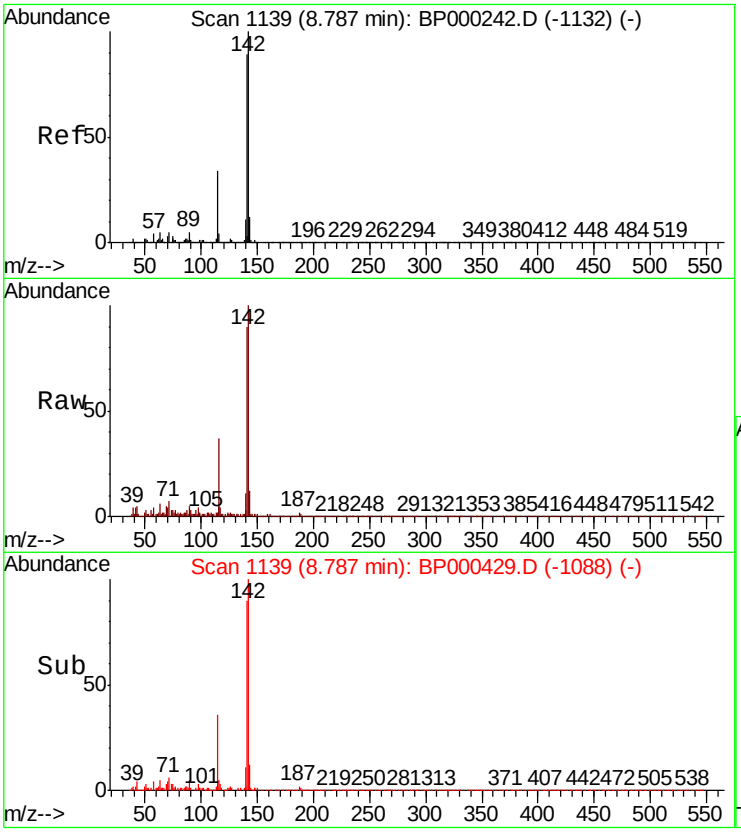


#31
Naphthalene
Concen: 2.997 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:128 Resp: 79800

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.0	11.0	16.6



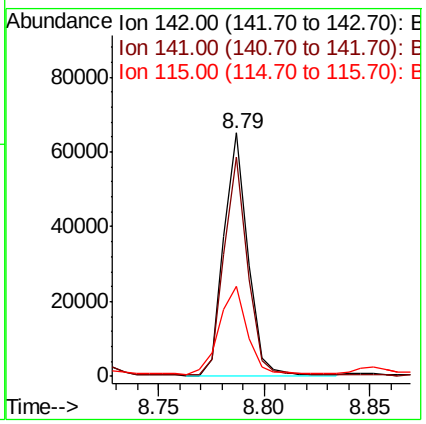


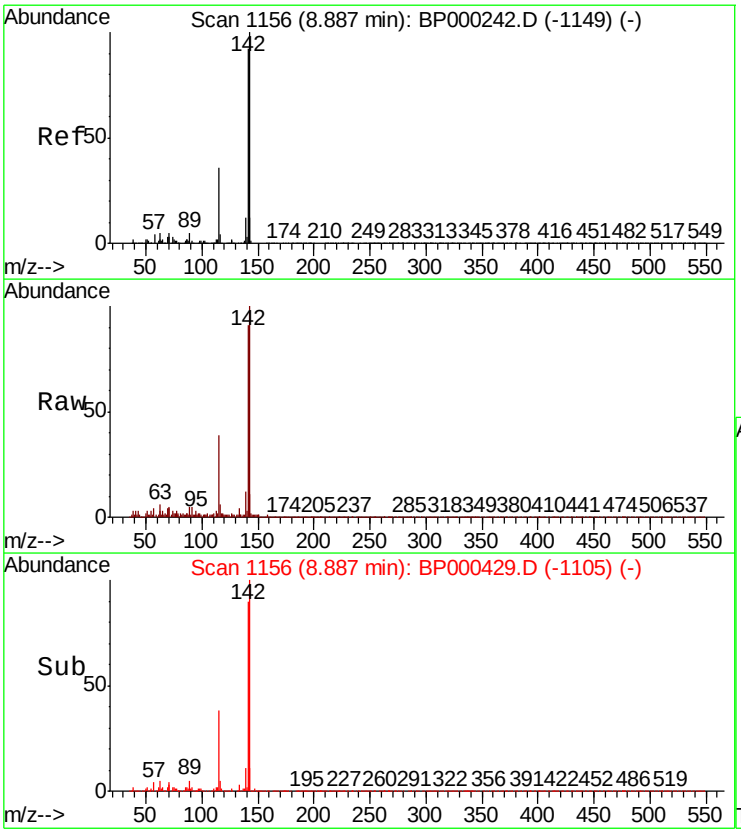
#37
2-Methylnaphthalene
Concen: 2.810 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 51148

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	37.0	27.2	40.8

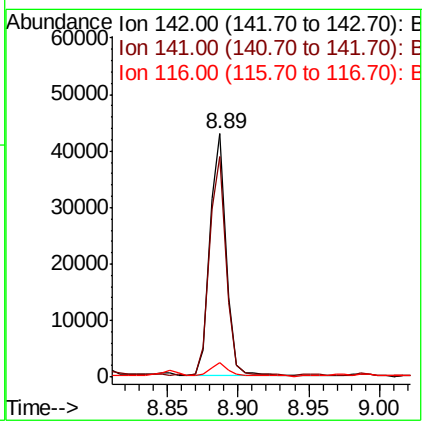


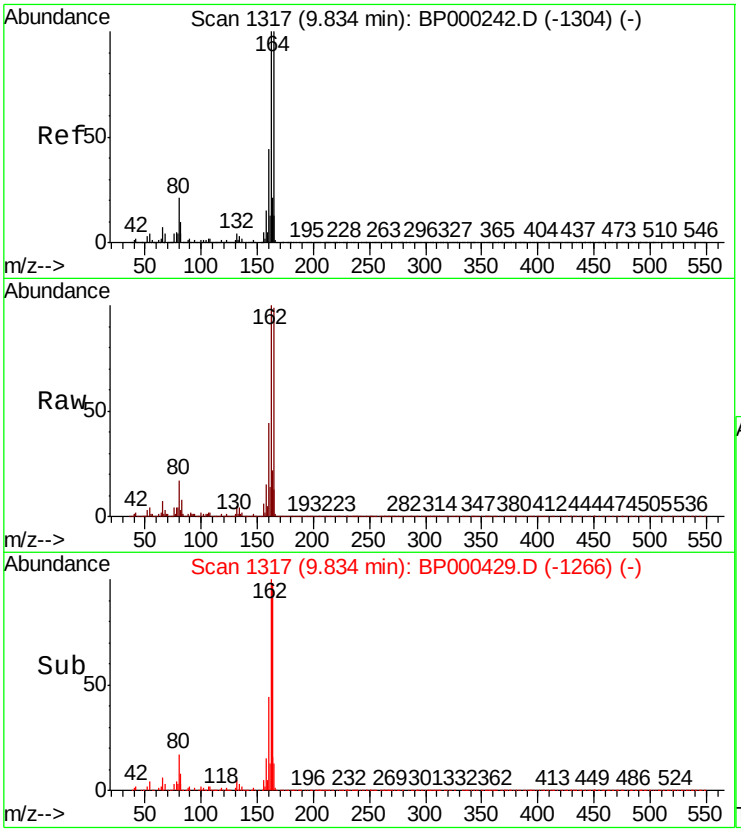


#38
1-Methylnaphthalene
Concen: 2.002 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:142 Resp: 34130

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.9	110.9
116	5.7	3.0	4.6#



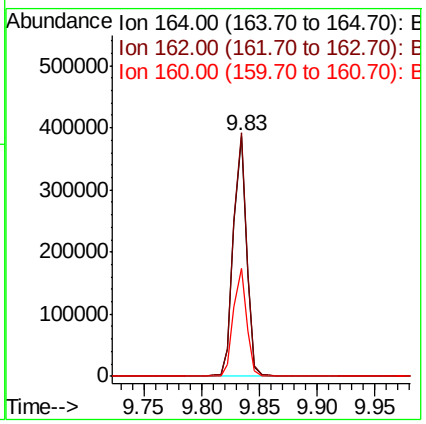


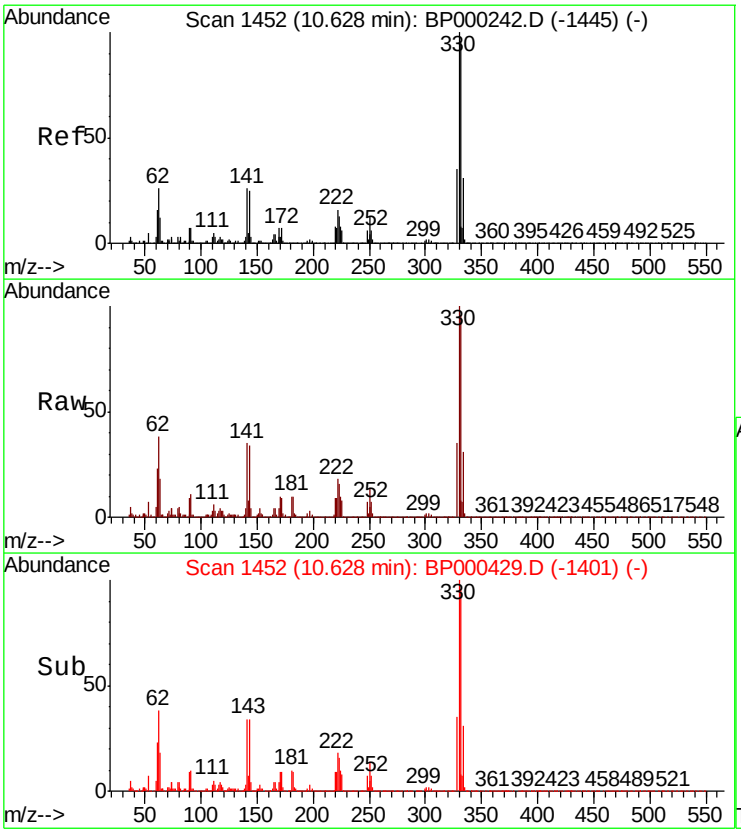
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 306365

Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.9	119.9
160	44.7	35.6	53.4

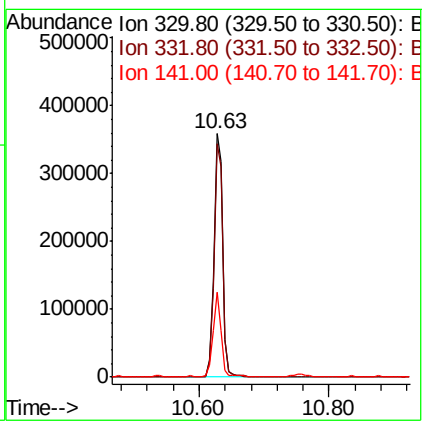


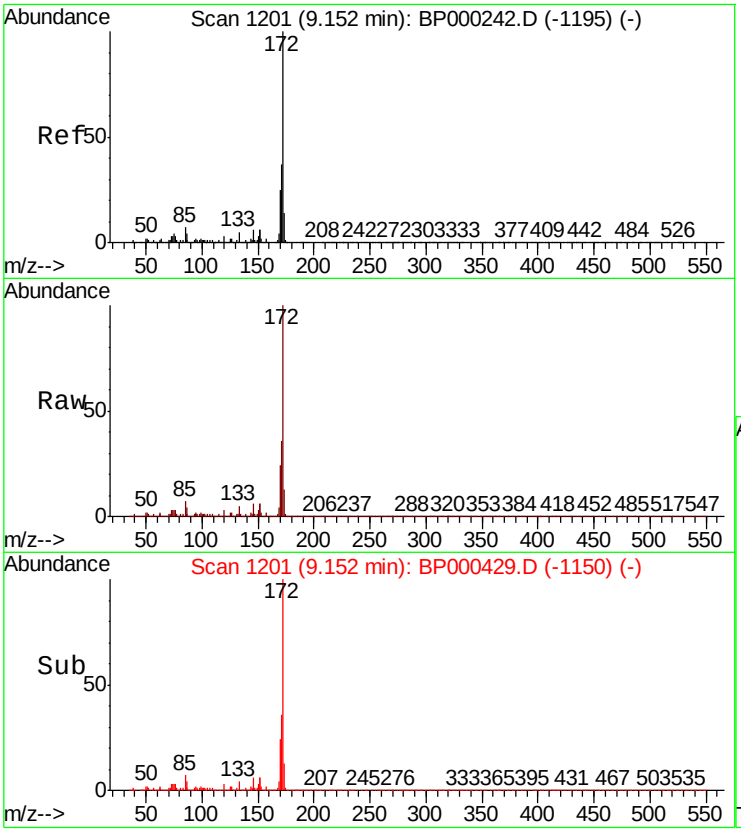


#42
2,4,6-Tribromophenol
Concen: 107.532 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:330 Resp: 326759

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	31.8	26.5	39.7



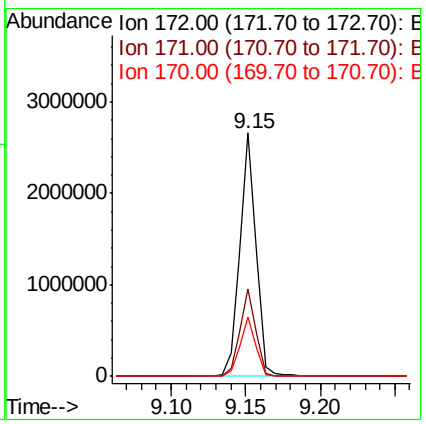


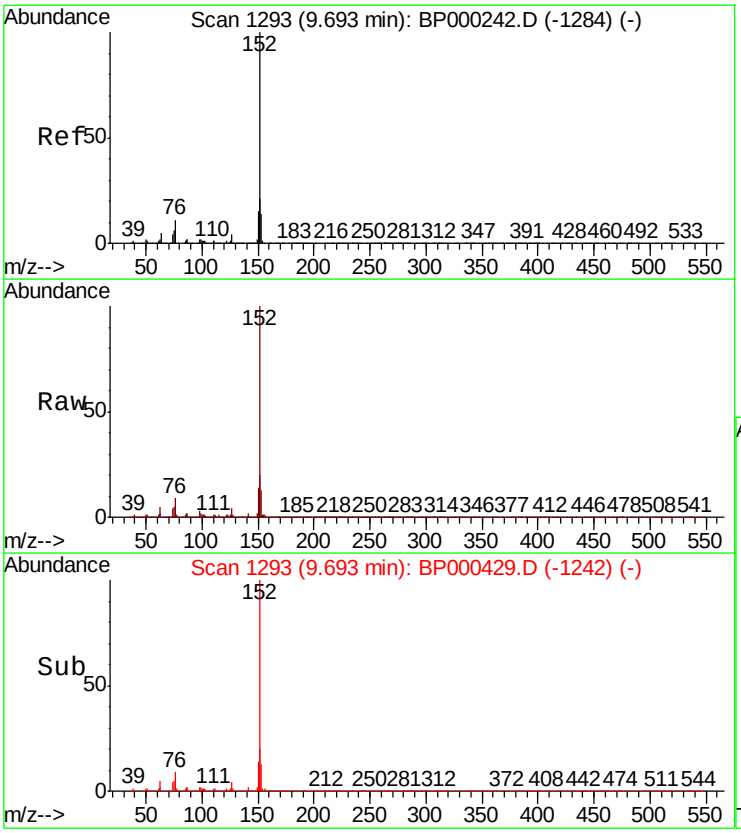
#45
2-Fluorobiphenyl
Concen: 118.043 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 2009334

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.3	19.8	29.6

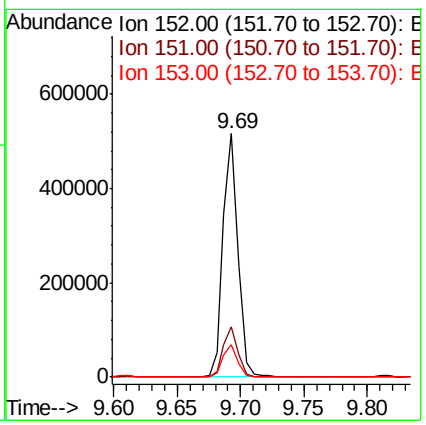


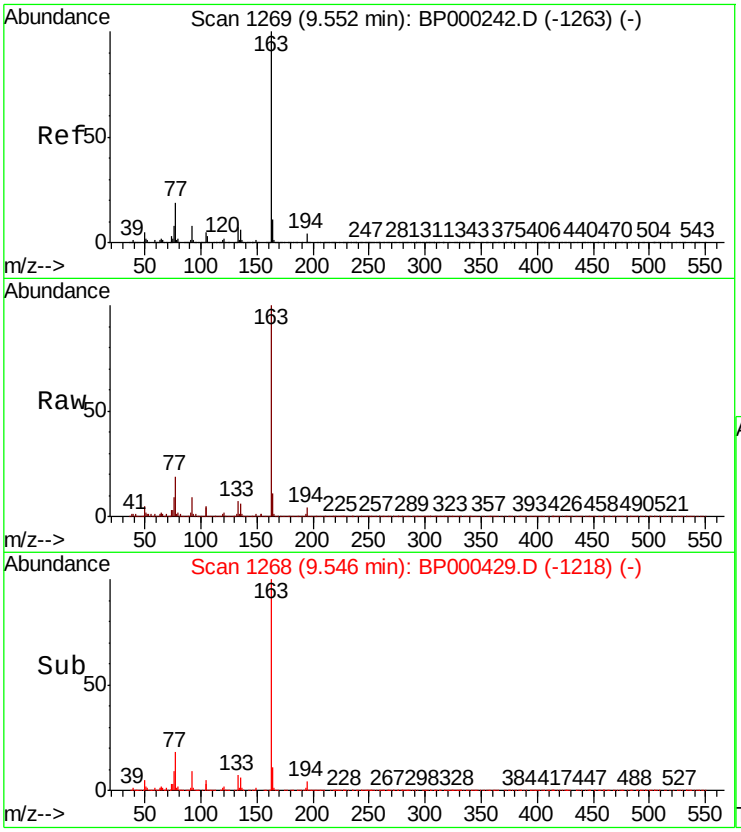


#49
Acenaphthylene
Concen: 15.862 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:152 Resp: 423901

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.4	11.0	16.4



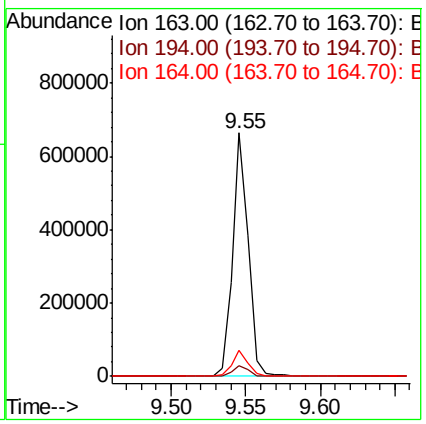


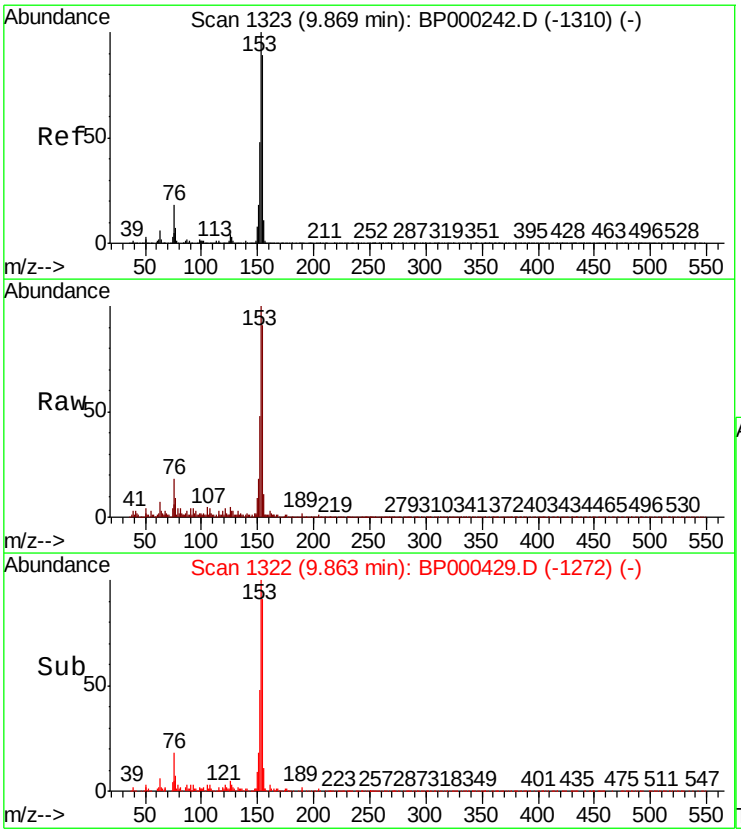
#50
Dimethylphthalate
Concen: 23.499 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 490506

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.6	8.5	12.7

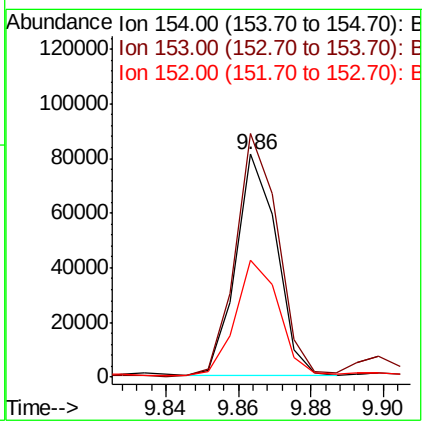


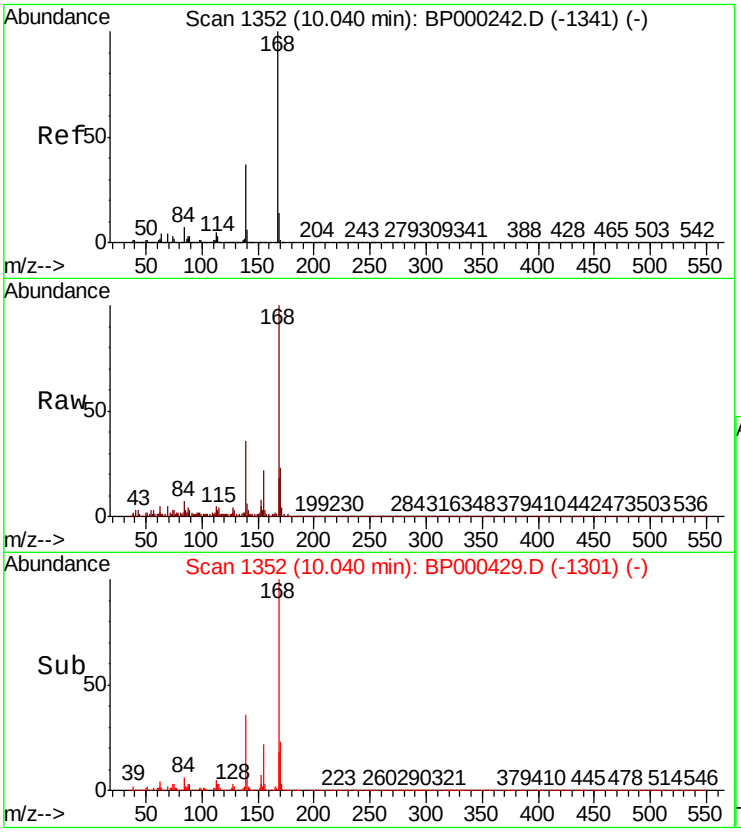


#52
Acenaphthene
Concen: 3.755 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:154 Resp: 63326

Ion	Ratio	Lower	Upper
154	100		
153	109.4	89.8	134.6
152	52.8	43.4	65.0



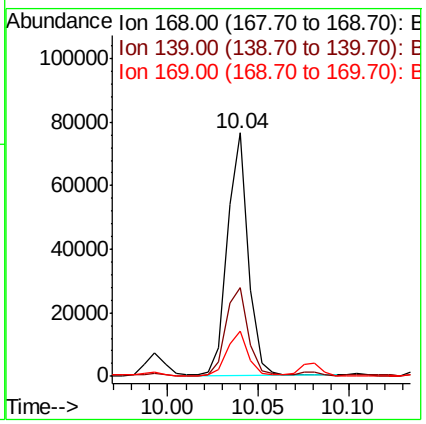


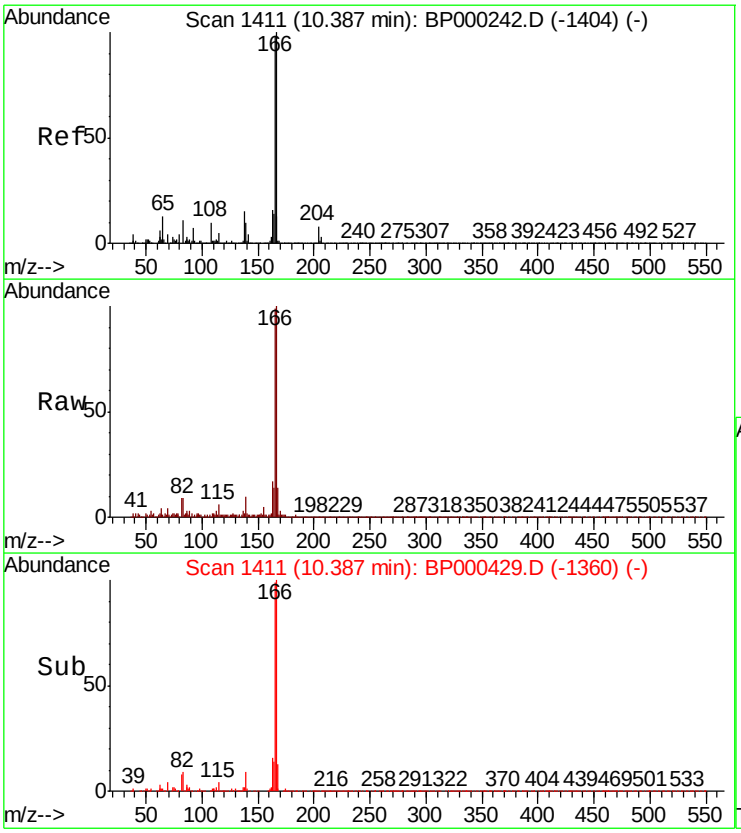
#55
Dibenzofuran
Concen: 2.562 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:168 Resp: 61076

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.0	45.0
169	18.3	11.0	16.6#

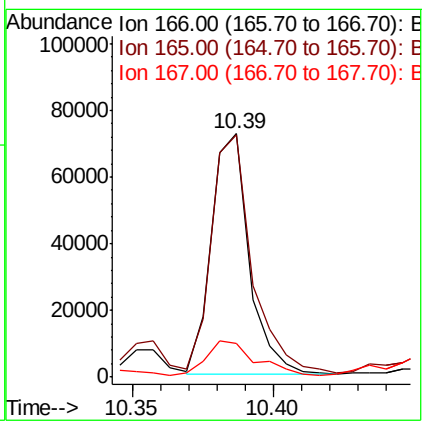


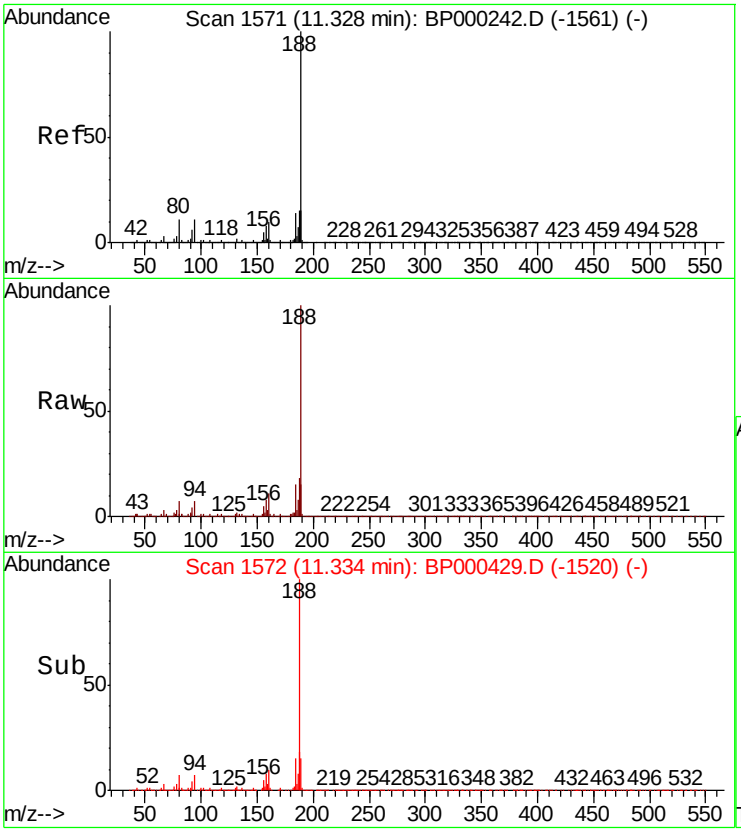


#58
Fluorene
Concen: 3.662 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:166 Resp: 67426

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.2
167	13.6	10.7	16.1



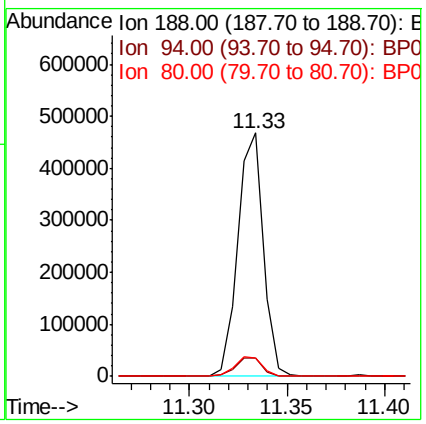


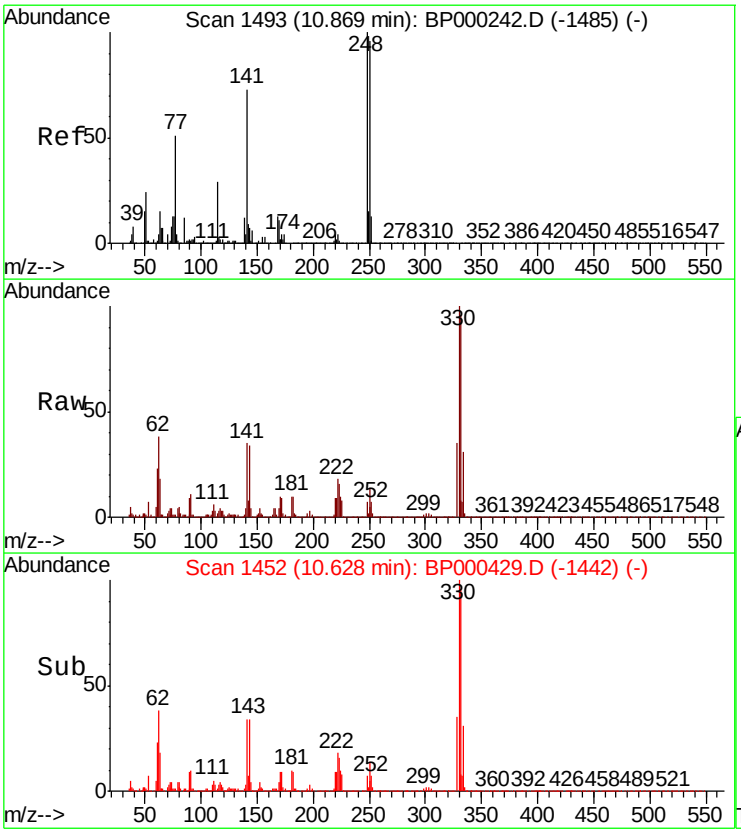
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 423149

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	7.3	8.6	13.0#

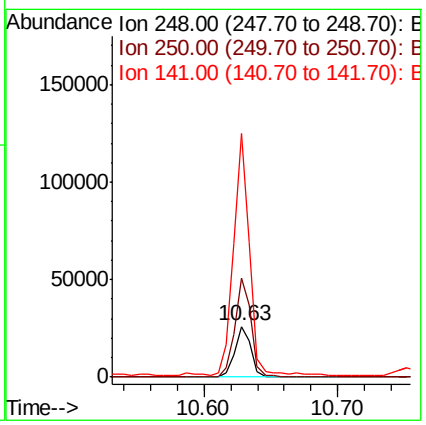


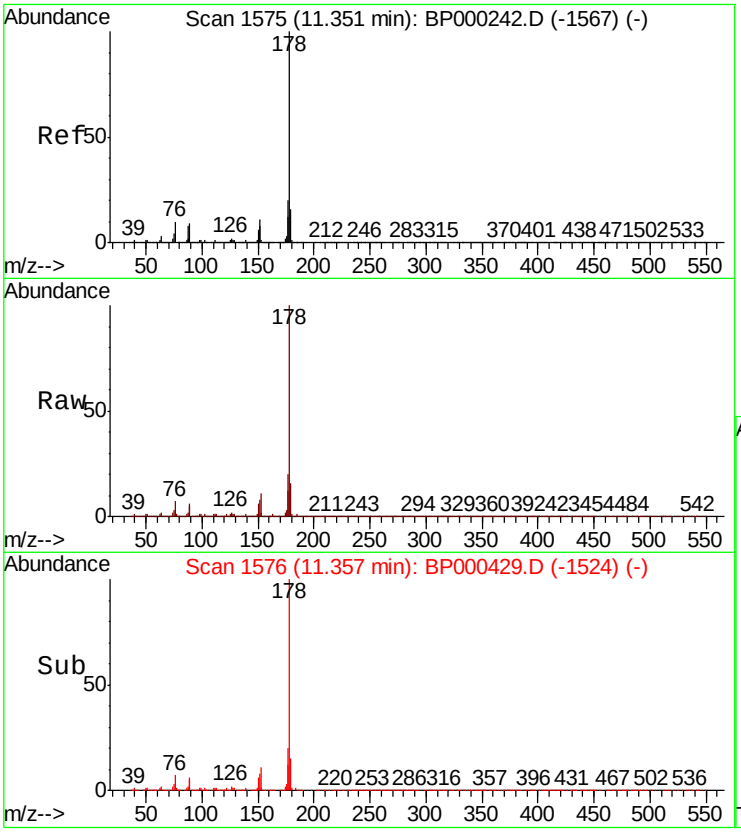


#67
4-Bromophenyl-phenylether
Concen: 4.654 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:248 Resp: 22271

Ion	Ratio	Lower	Upper
248	100		
250	195.4	77.0	115.4#
141	479.3	58.5	87.7#



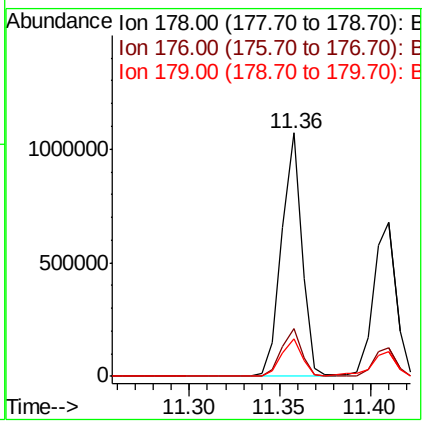


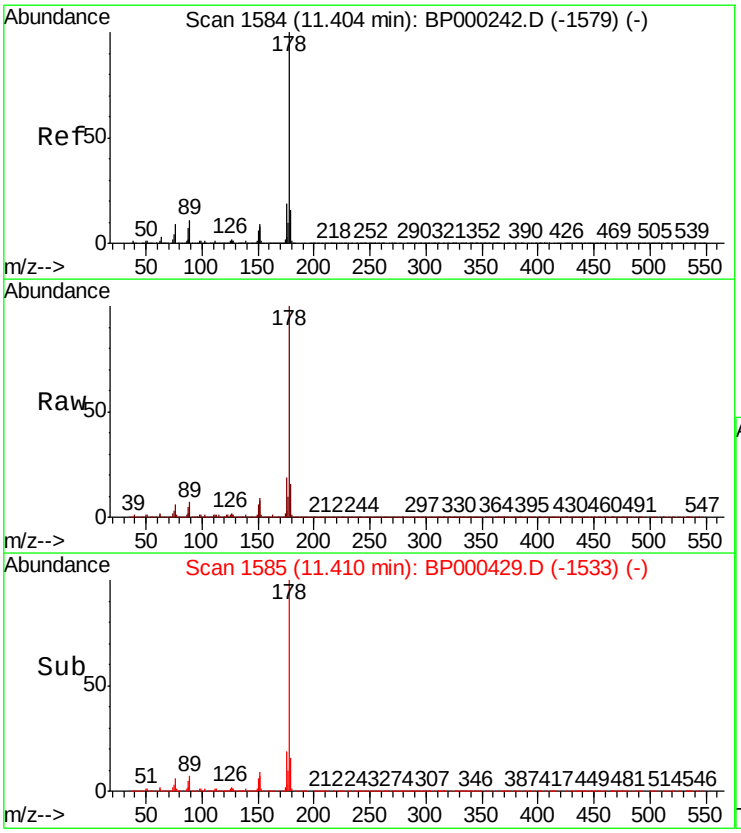
#71
Phenanthrene
Concen: 39.279 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 832909

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	12.7	19.1

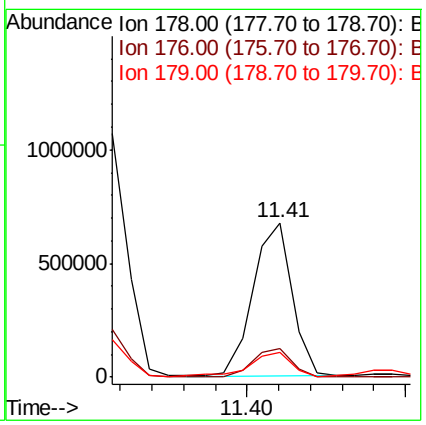


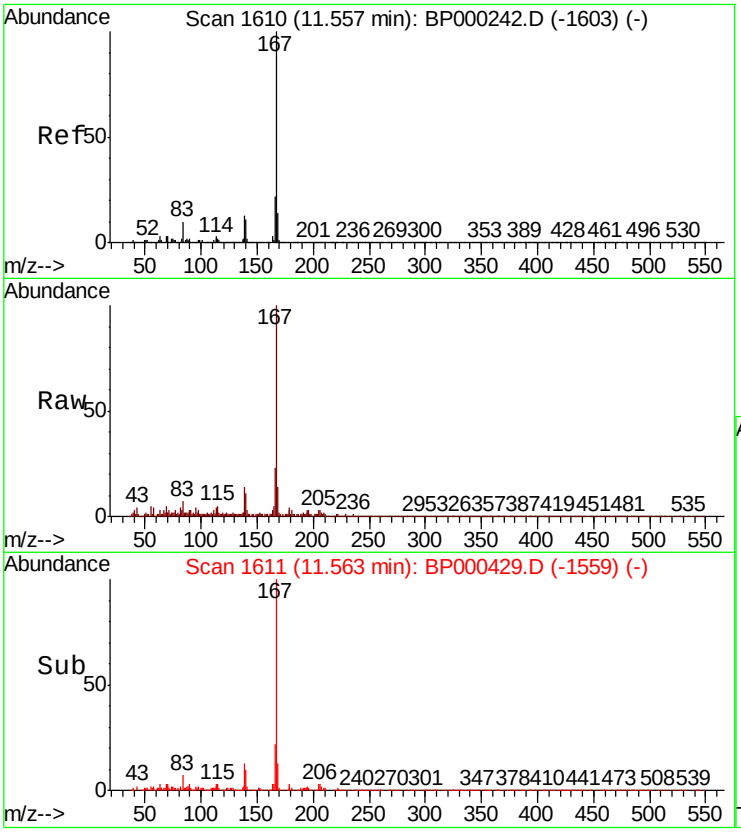


#72
Anthracene
Concen: 26.467 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:178 Resp: 577692

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.7	12.7	19.1



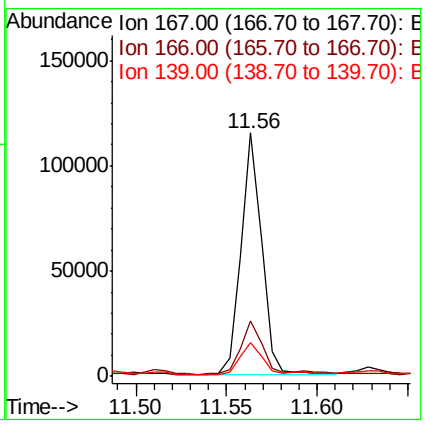


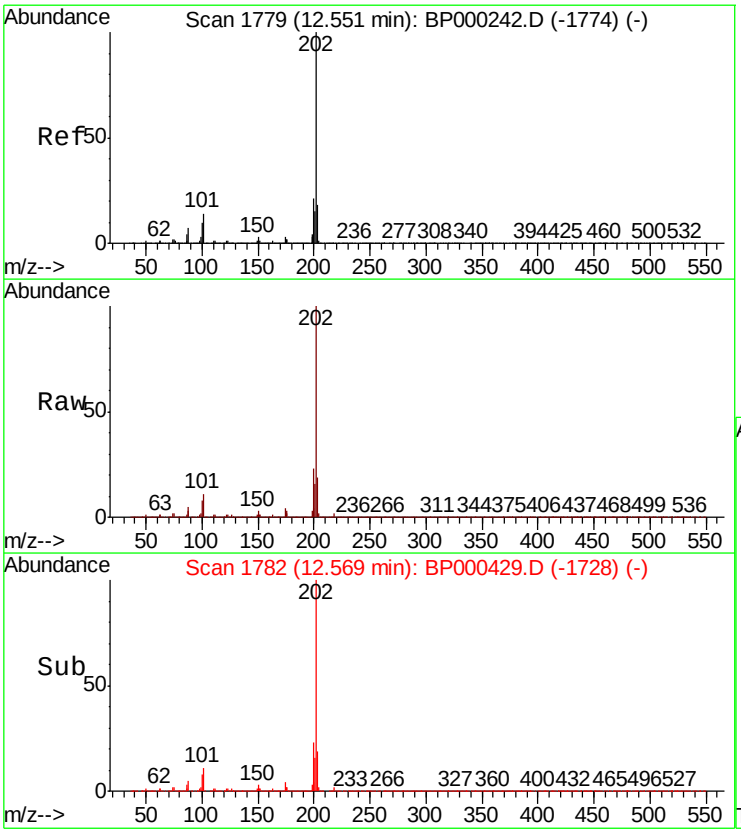
#73
Carbazole
Concen: 4.643 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 91259

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.8	26.8
139	13.9	10.8	16.2

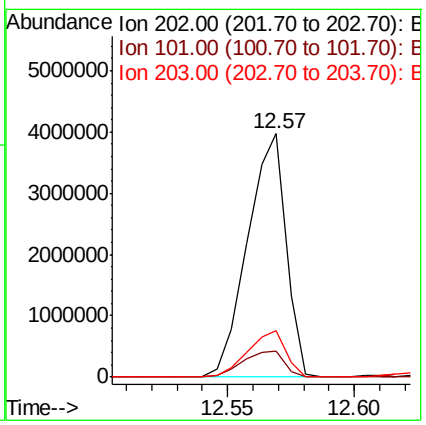


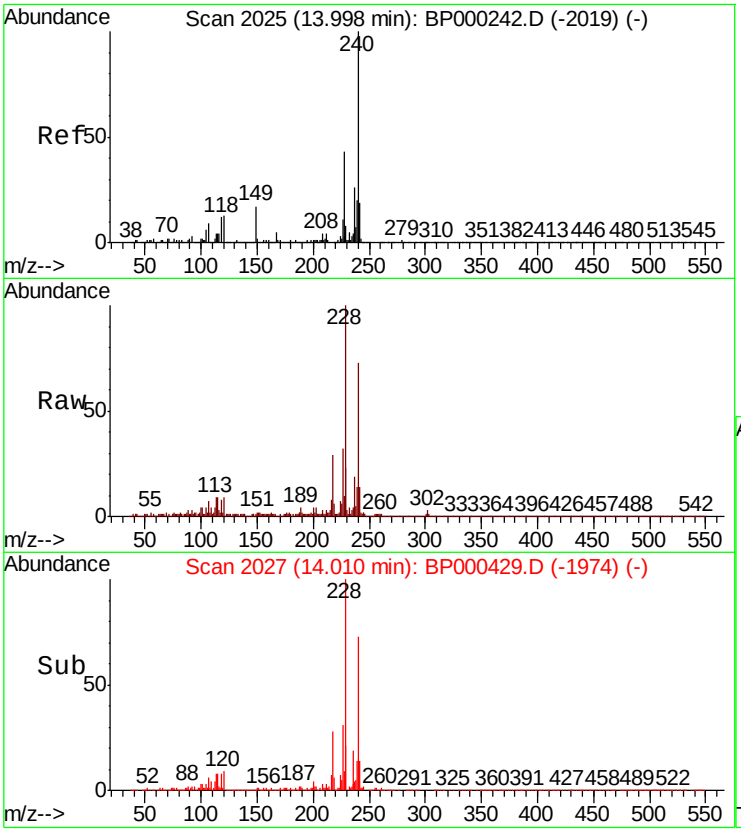


#75
Fluoranthene
Concen: 185.254 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.02 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:202 Resp: 4218179

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.9
203	19.0	0.0	38.0



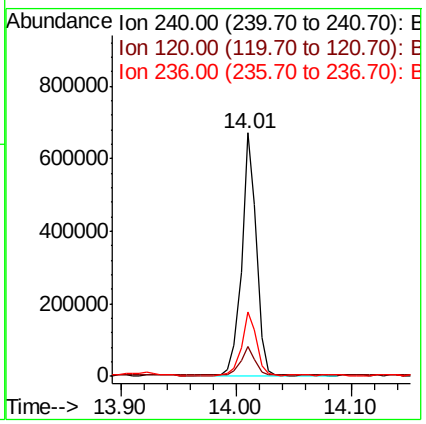


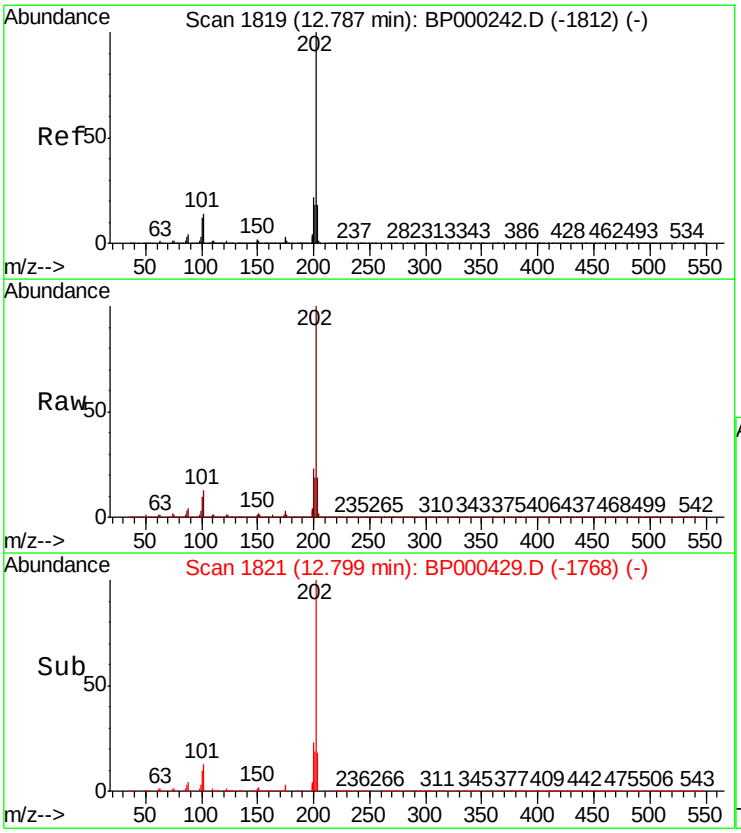
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 589722

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.4	15.6
236	26.7	21.0	31.6

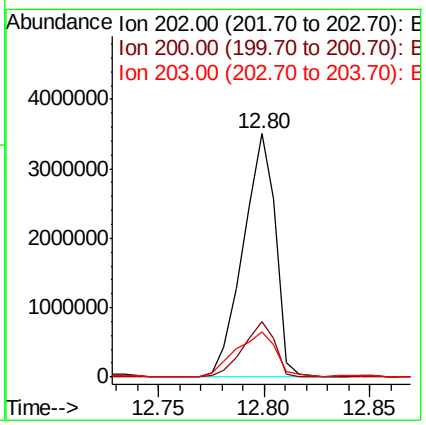


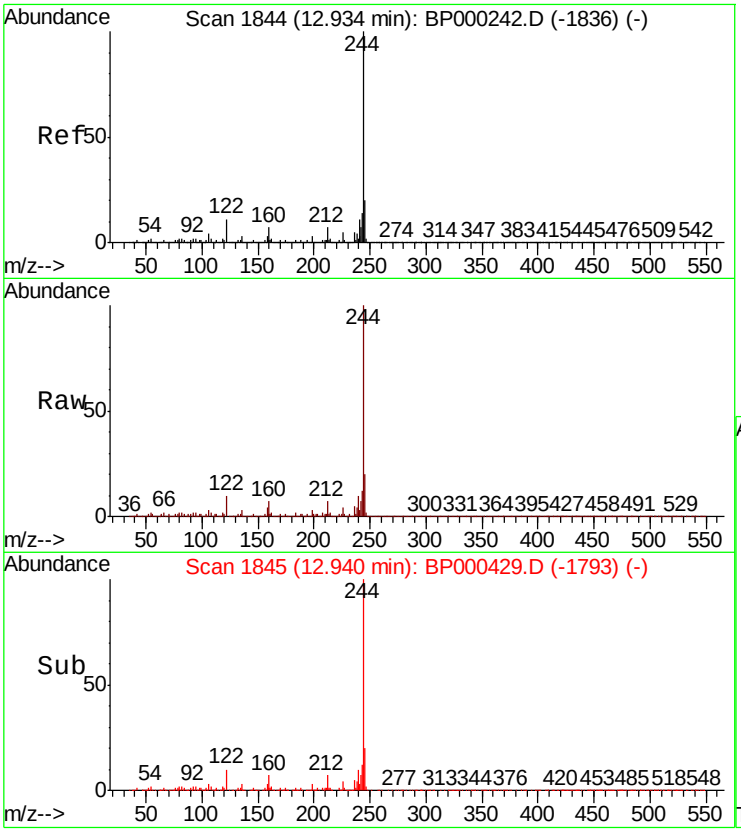


#78
Pyrene
Concen: 84.541 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:202 Resp: 3730047

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.5	26.3
203	18.7	14.3	21.5



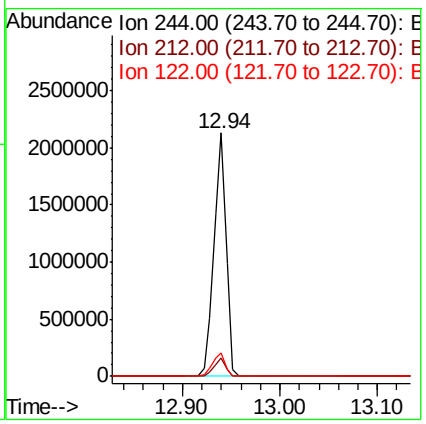


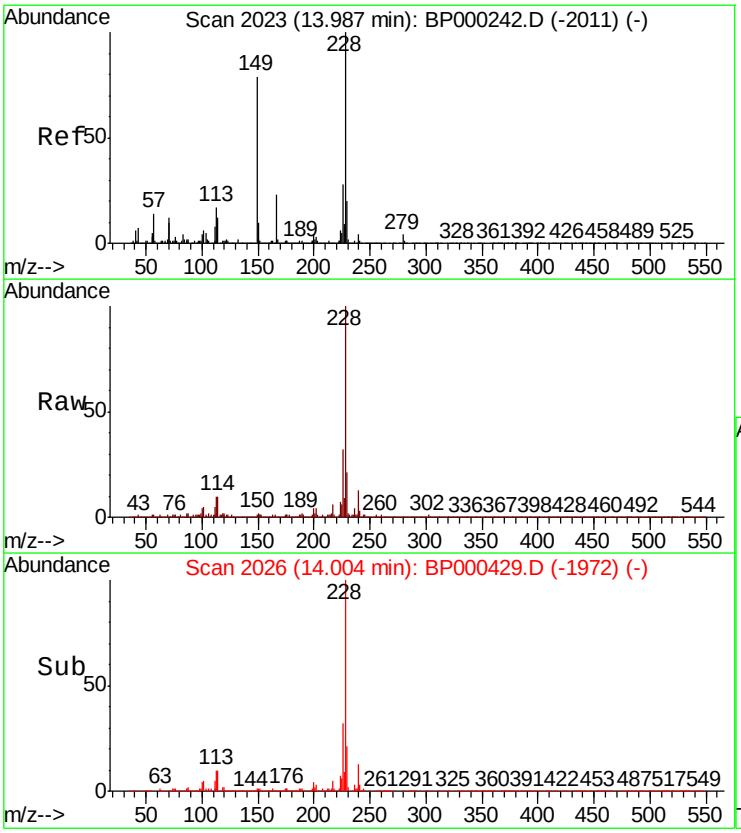
#79
Terphenyl-d14
Concen: 65.626 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1844802

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.9	9.0	13.4

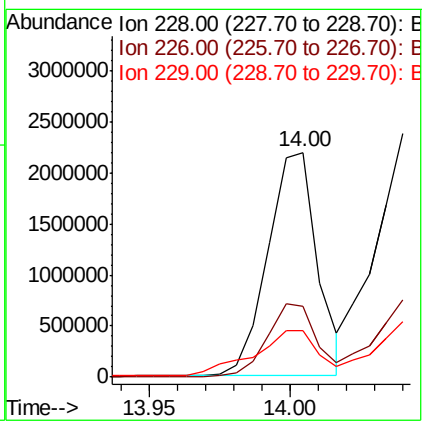


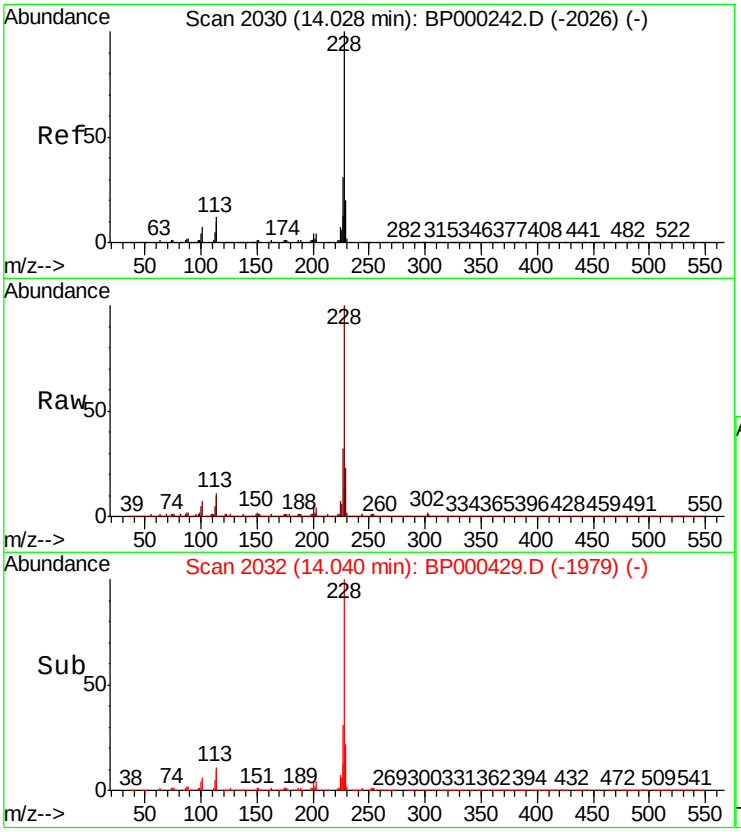


#81
Benzo(a)anthracene
Concen: 71.770 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.02 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:228 Resp: 2673532

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.2	33.4
229	20.9	16.0	24.0



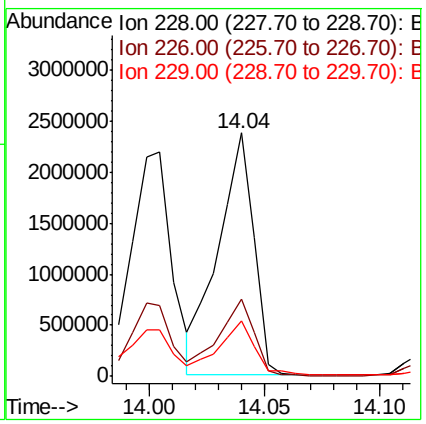


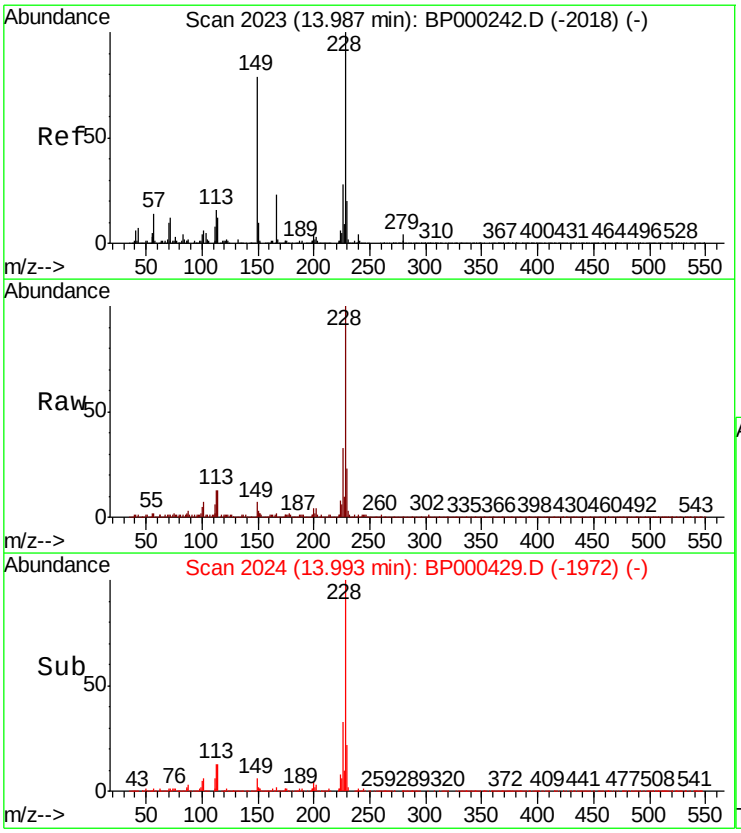
#83
Chrysene
Concen: 69.986 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 2559750

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	22.6	16.2	24.2

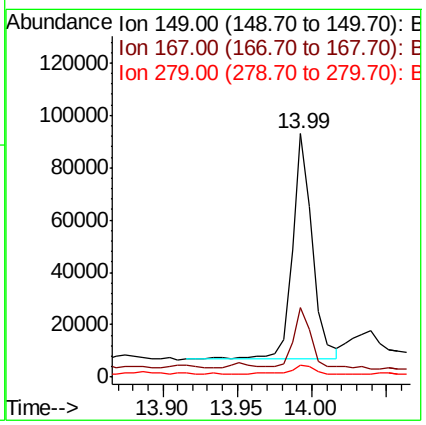


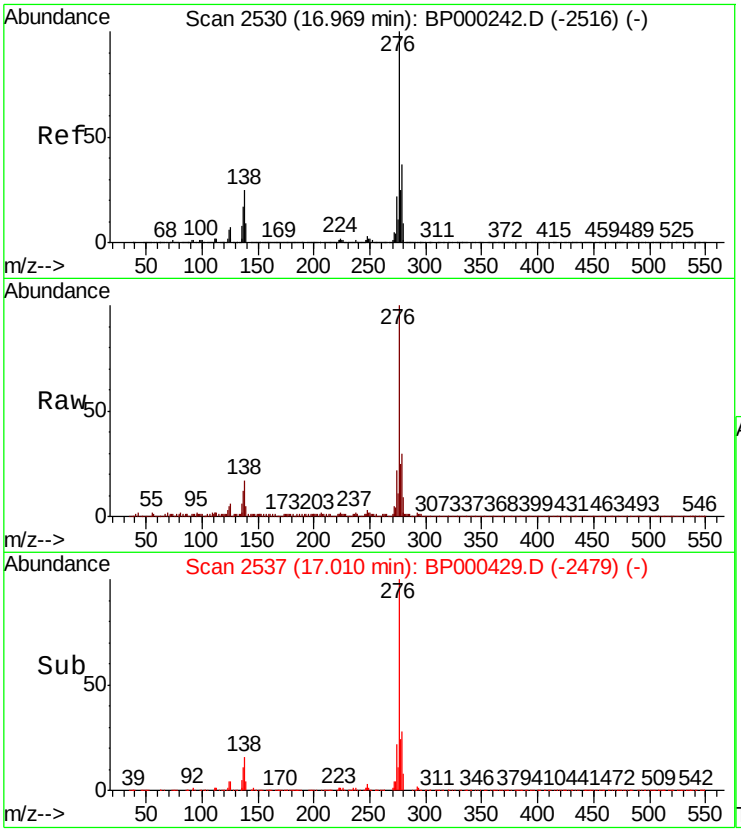


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.277 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:149 Resp: 79763

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.4
279	4.7	3.7	5.5



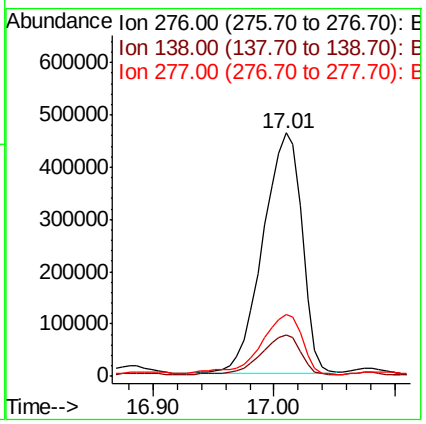


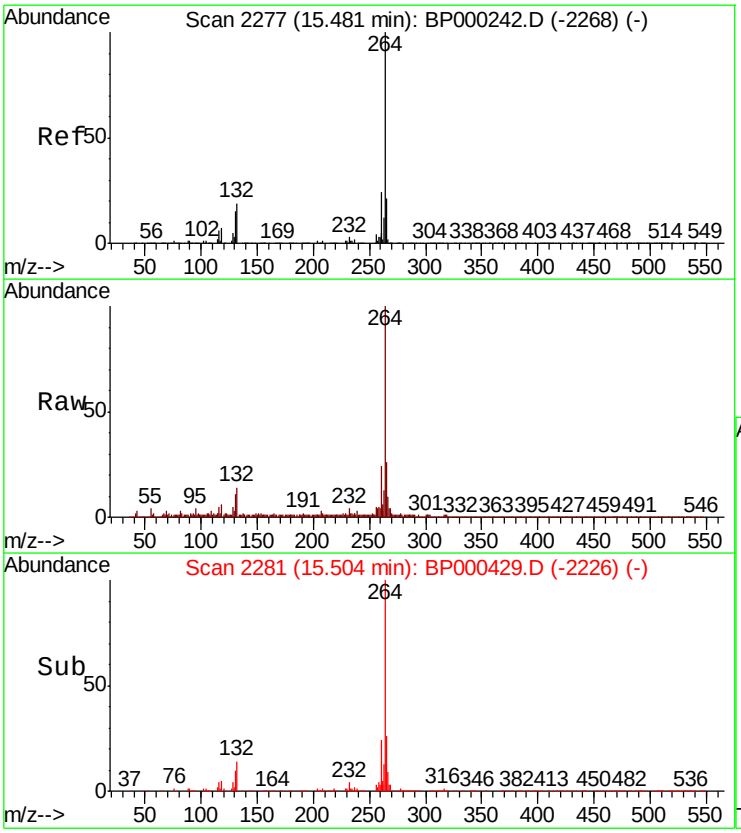
#86
Indeno(1,2,3-cd)pyrene
Concen: 23.229 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.04 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1035591

Ion	Ratio	Lower	Upper
276	100		
138	16.5	22.6	33.8#
277	26.3	20.4	30.6

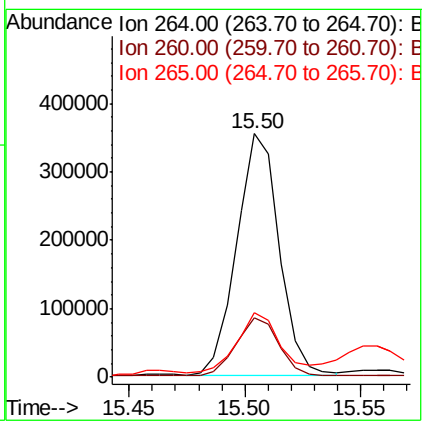


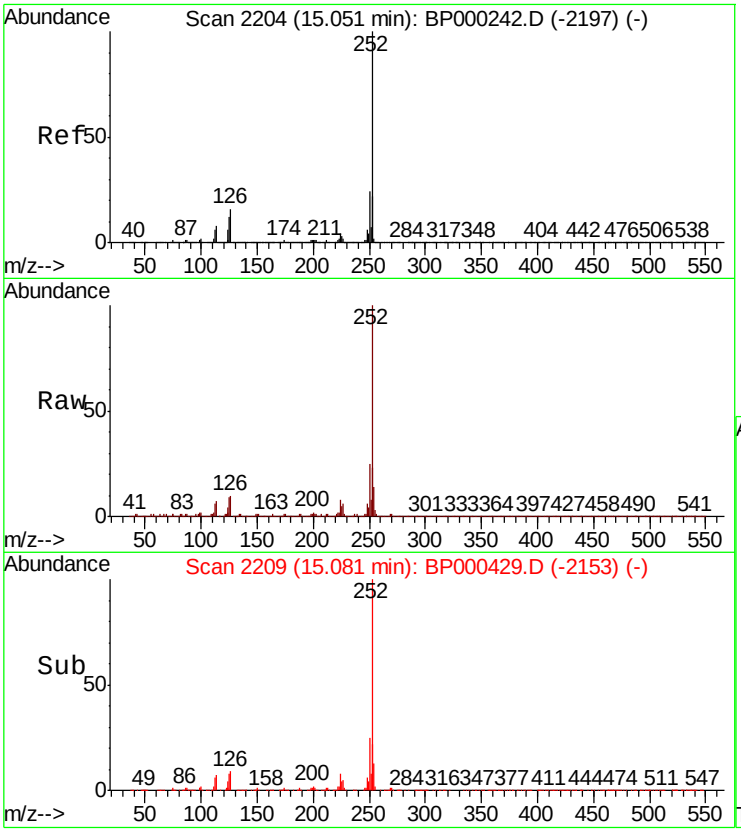


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.02 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:264 Resp: 452843

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	26.2	17.2	25.8#



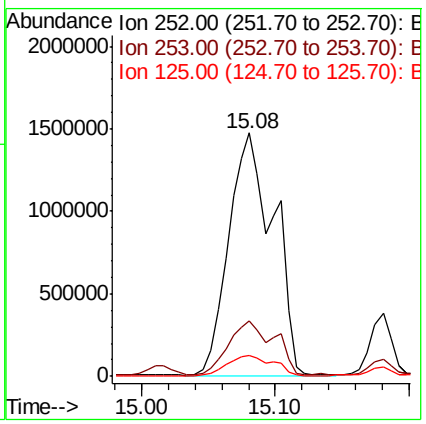


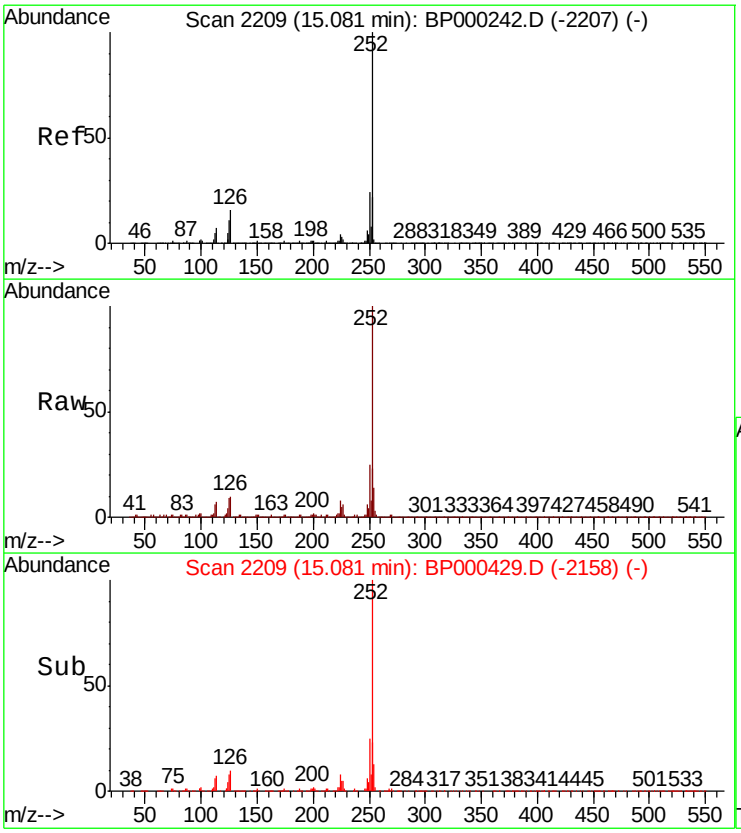
#88
Benzo(b)fluoranthene
Concen: 127.721 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.03 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 3450369

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	8.7	9.5	14.3#

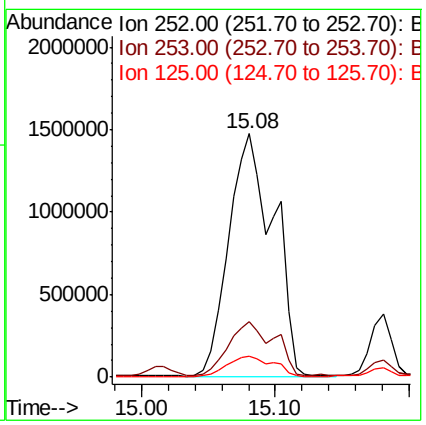


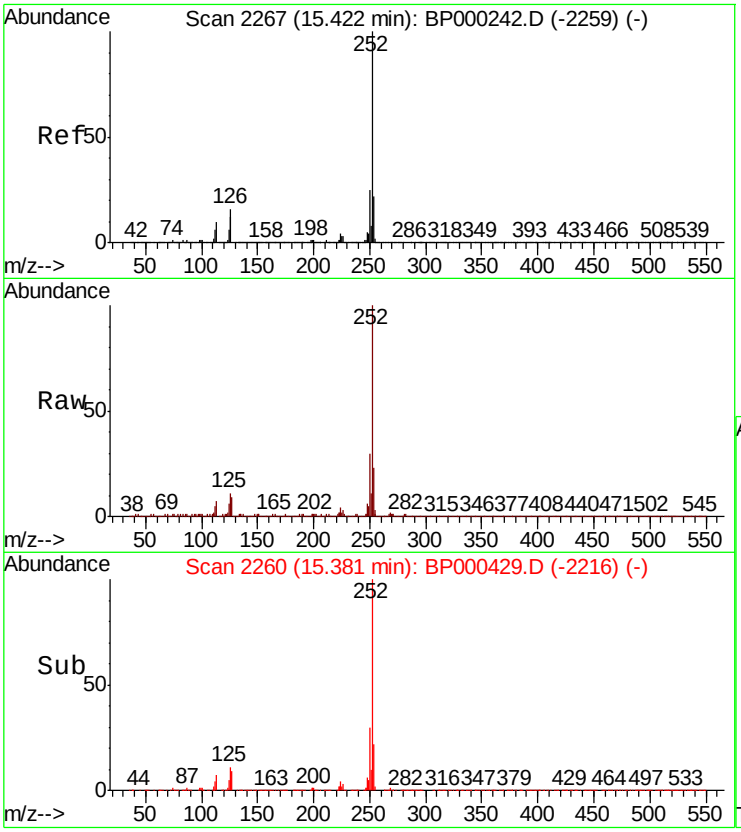


#89
Benzo(k)fluoranthene
Concen: 146.419 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:252 Resp: 3450369

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	8.7	9.6	14.4#



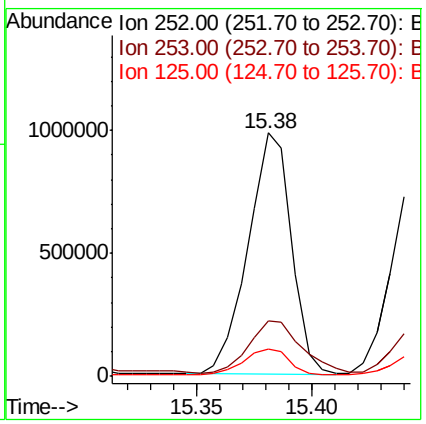


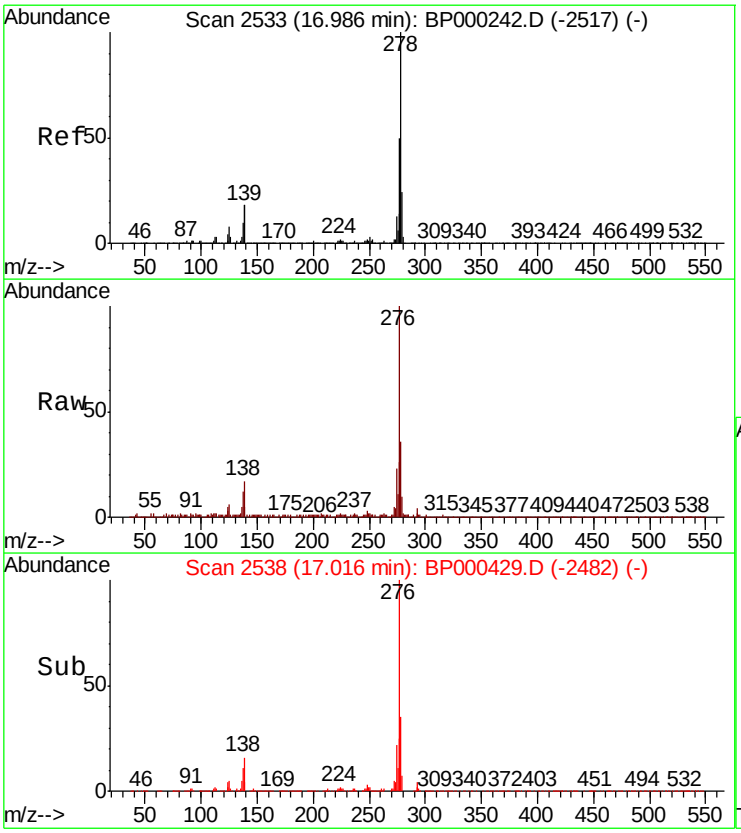
#90
Benzo(a)pyrene
Concen: 52.155 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1282030

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	11.4	10.0	15.0

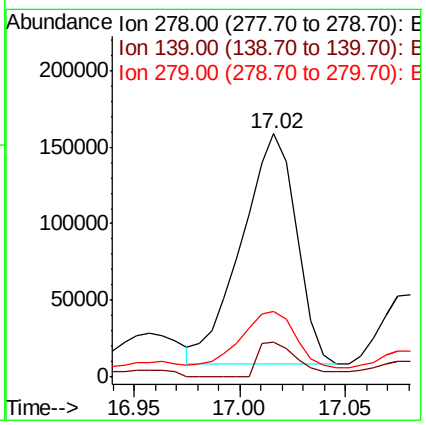


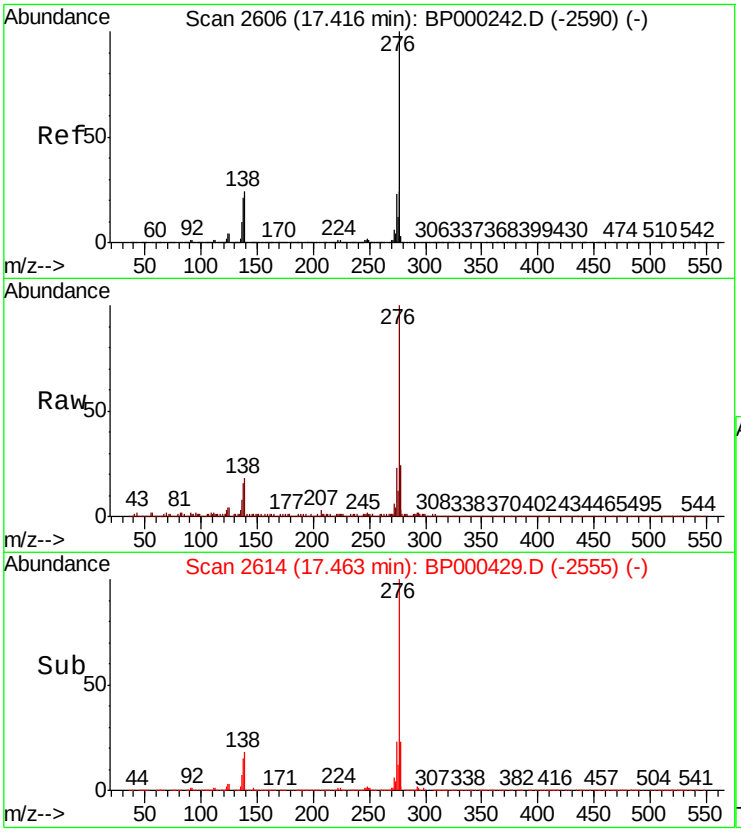


#91
Dibenzo(a,h)anthracene
Concen: 11.874 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.03 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Tgt Ion:278 Resp: 272131

Ion	Ratio	Lower	Upper
278	100		
139	14.6	14.5	21.7
279	27.0	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 45.384 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.05 min
Lab File: BP000429.D
Acq: 26 Sep 2019 17:59

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1069120

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	18.3	19.5	29.3#