Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000431.D
Acq On : 26 Sep 2019 18:47
Operator : JU
Sample : K5038-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 27 00:13:31 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	228046	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	612690	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	216218	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	404105	20.00	ng		0.00
76) Chrysene-d12	14.01	240	543916	20.00	ng		0.01
87) Perylene-d12	15.50	264	683047	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1285958	97.35	ng		0.02
7) Phenol-d6	6.44	99	1623909	100.29	ng		0.02
23) Nitrobenzene-d5	7.35	82	877767	92.43	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	281644	131.33	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1023754	85.22	ng		0.00
79) Terphenyl-d14	12.94	244	1309676	50.51	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	3142	Below Cal		#	82
10) Phenol	6.45	94	63406	3.447	ng		80
19) n-Nitroso-di-n-propylamine	7.35	70	106698	12.463	ng	#	76
25) Isophorone	7.35	82	876774	46.628	ng	#	63
49) Acenaphthylene	9.69	152	103478	5.486	ng		100
50) Dimethylphthalate	9.55	163	177611	12.057	ng		100
58) Fluorene	10.39	166	27759	2.136	ng		97
67) 4-Bromophenyl-phenylether	10.63	248	19043	4.167	ng	#	1
69) Atrazine	11.03	200	387	Below Cal		#	2
71) Phenanthrene	11.36	178	471133	23.265	ng		99
72) Anthracene	11.41	178	190512	9.140	ng		99
73) Carbazole	11.56	167	43359	2.310	ng		99
75) Fluoranthene	12.56	202	1113035	51.186	ng		95
78) Pyrene	12.80	202	1089197	26.766	ng		99
81) Benzo(a)anthracene	14.00	228	1030938	30.006	ng		95
83) Chrysene	14.03	228	922167	27.336	ng		97
84) Bis(2-ethylhexyl)phthalate	13.99	149	46934	2.091	ng	#	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	405914	9.872	ng	#	88
88) Benzo(b)fluoranthene	15.07	252	1976686	48.510	ng		98
89) Benzo(k)fluoranthene	15.07	252	1976686	55.612	ng		98
90) Benzo(a)pyrene	15.44	252	897266	24.200	ng		97
91) Dibenzo(a,h)anthracene	17.00	278	107434	3.108	ng		93
92) Benzo(g,h,i)perylene	17.45	276	368288	10.365	ng	#	92

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

Quantitation Report (Not Reviewed)

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ALS Vial : 20 Sample Multiplier: 1

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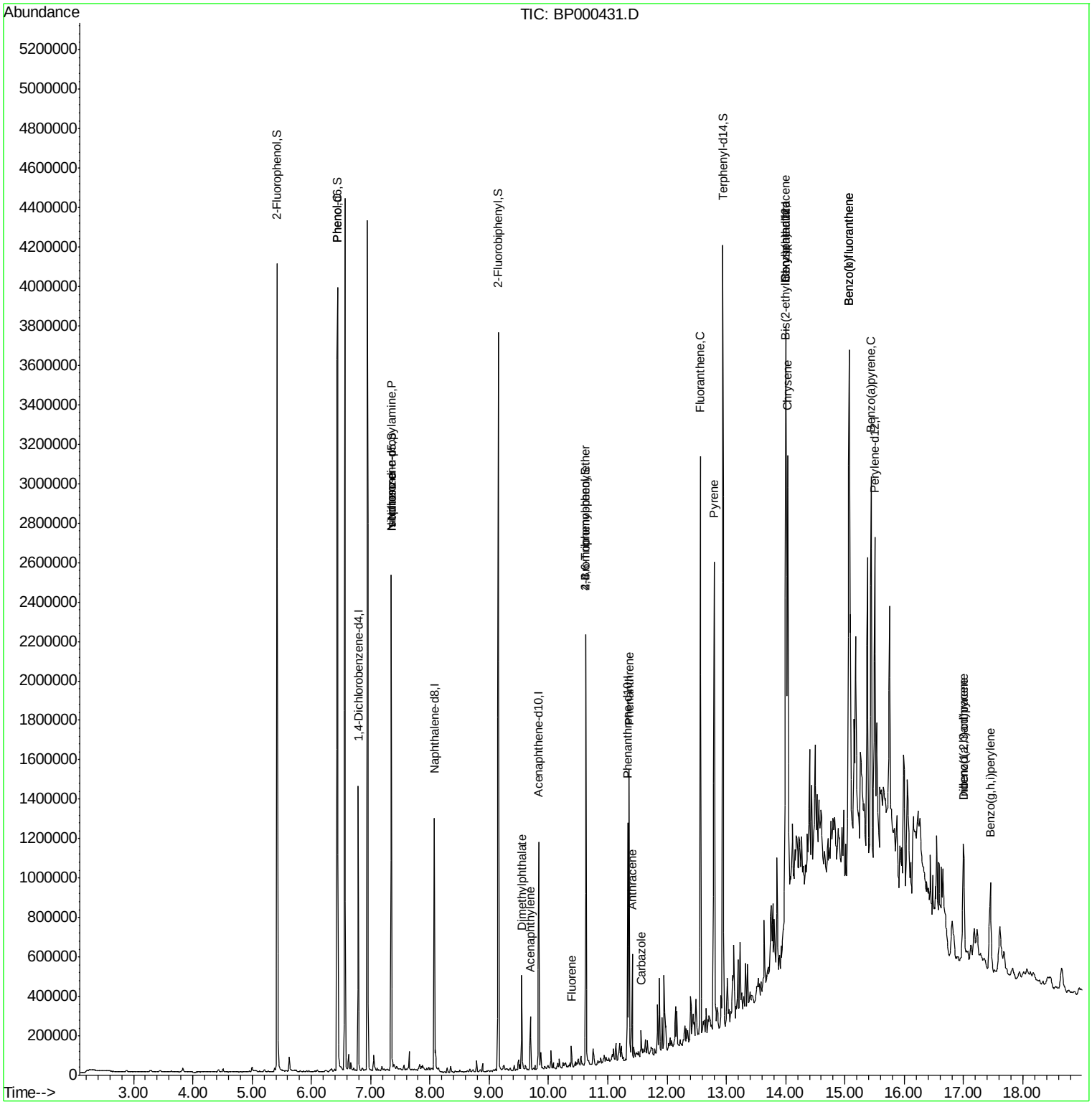
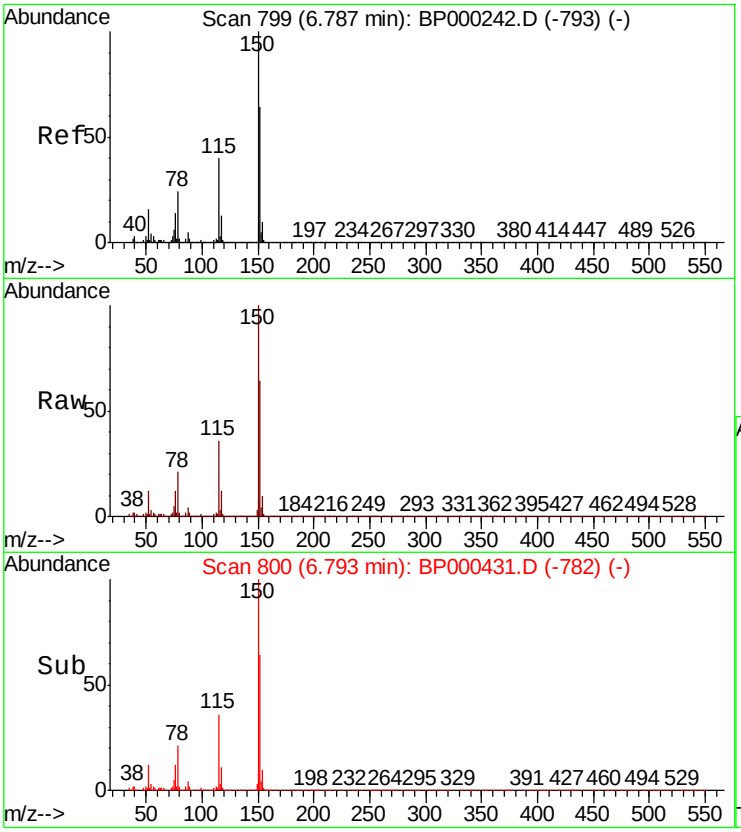


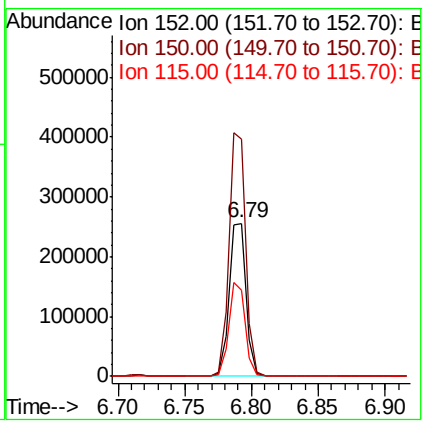


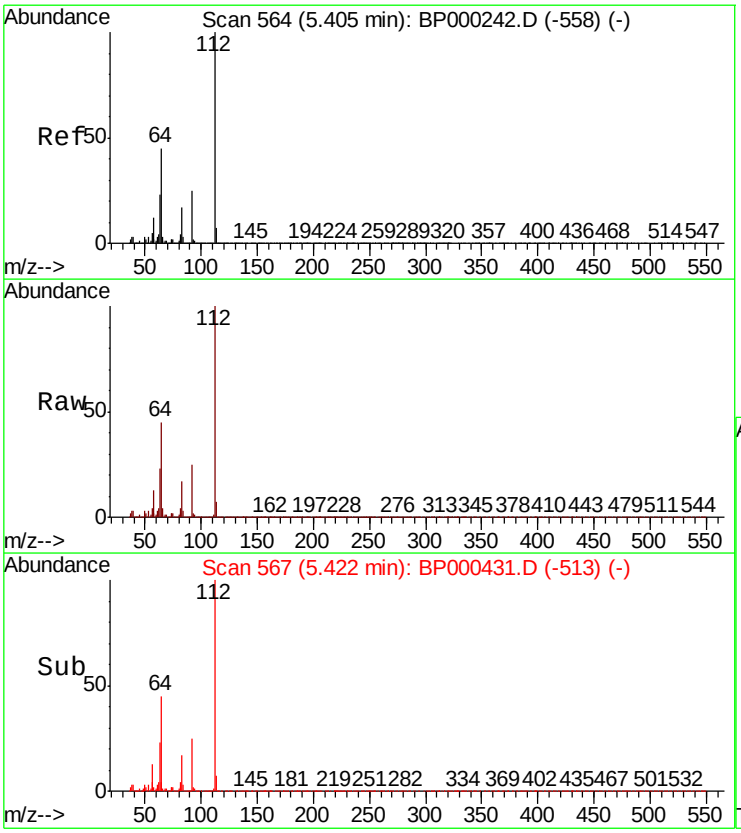
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 228046

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.2	187.8
115	56.5	49.7	74.5

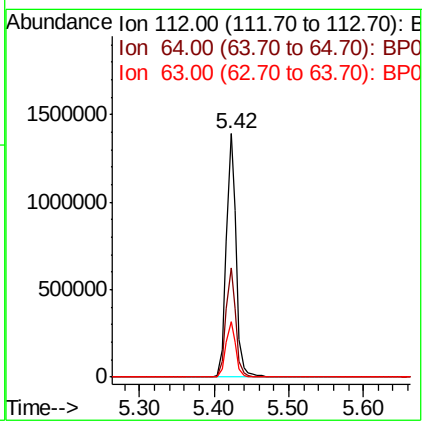


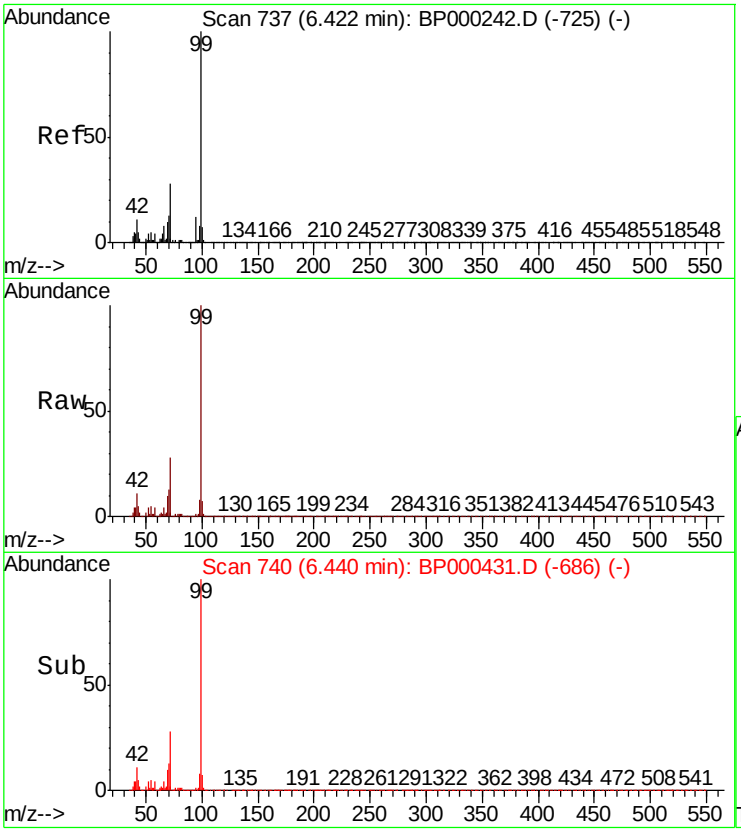


#5
2-Fluorophenol
Concen: 97.349 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:112 Resp: 1285958

Ion	Ratio	Lower	Upper
112	100		
64	44.7	36.2	54.4
63	22.9	18.3	27.5



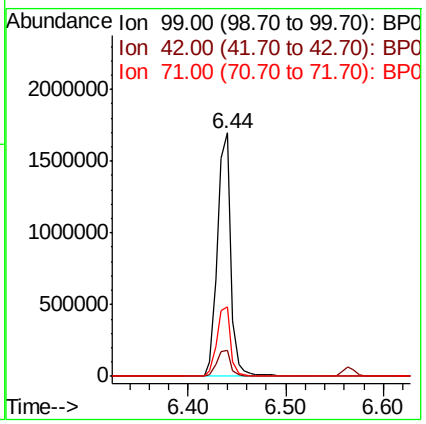


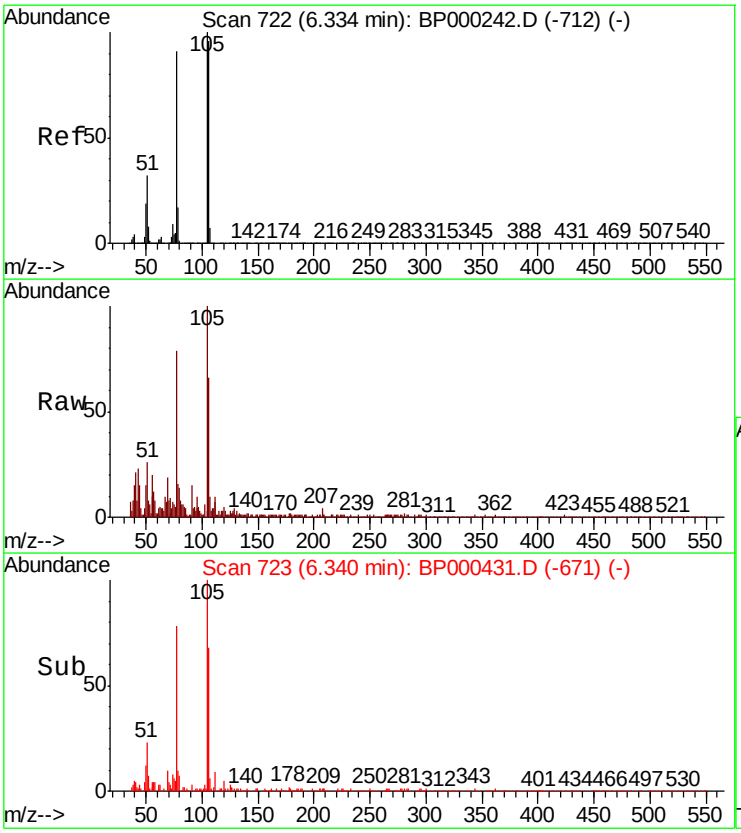
#7
Phenol-d6
Concen: 100.289 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.02 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1623909

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.5	12.7
71	28.4	22.6	34.0

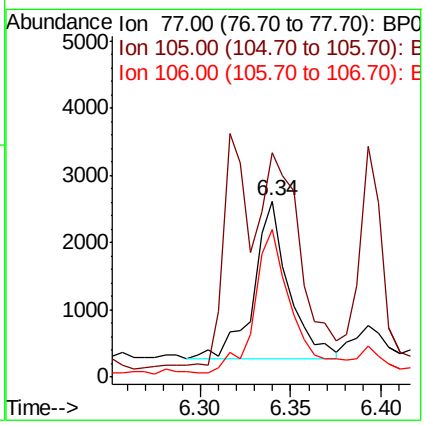


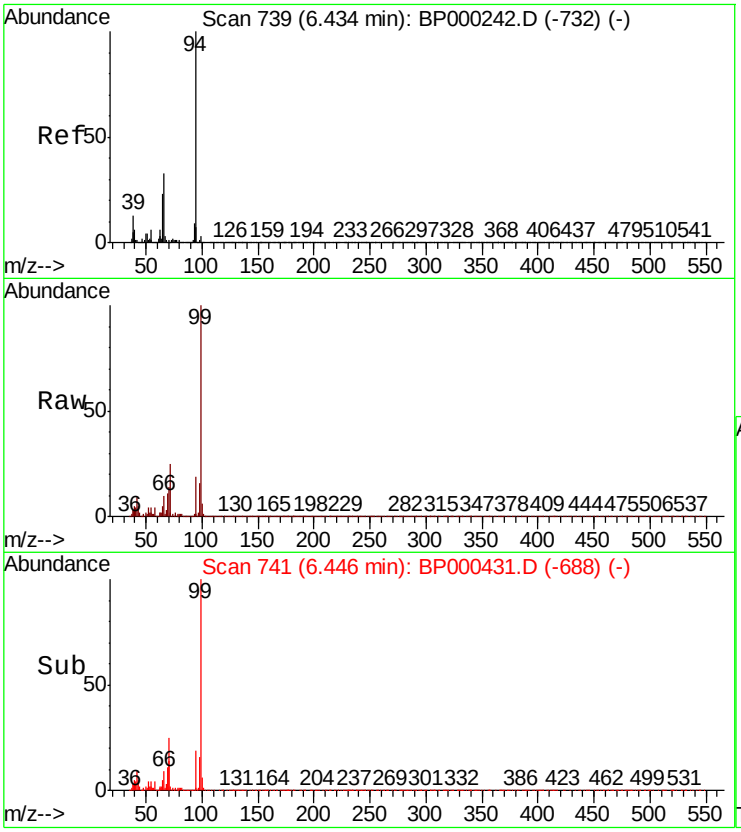


#9
Benzaldehyde
Concen: Below Cal
RT: 6.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion: 77 Resp: 3142

Ion	Ratio	Lower	Upper
77	100		
105	127.3	89.6	129.6
106	84.0	84.6	124.6#



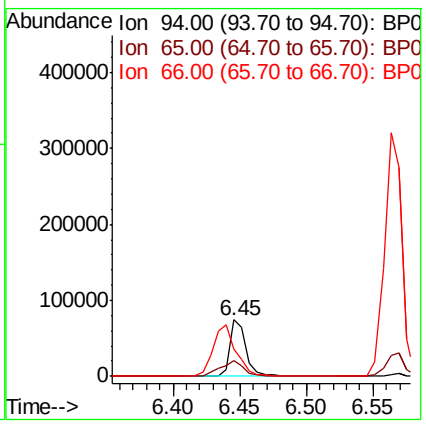


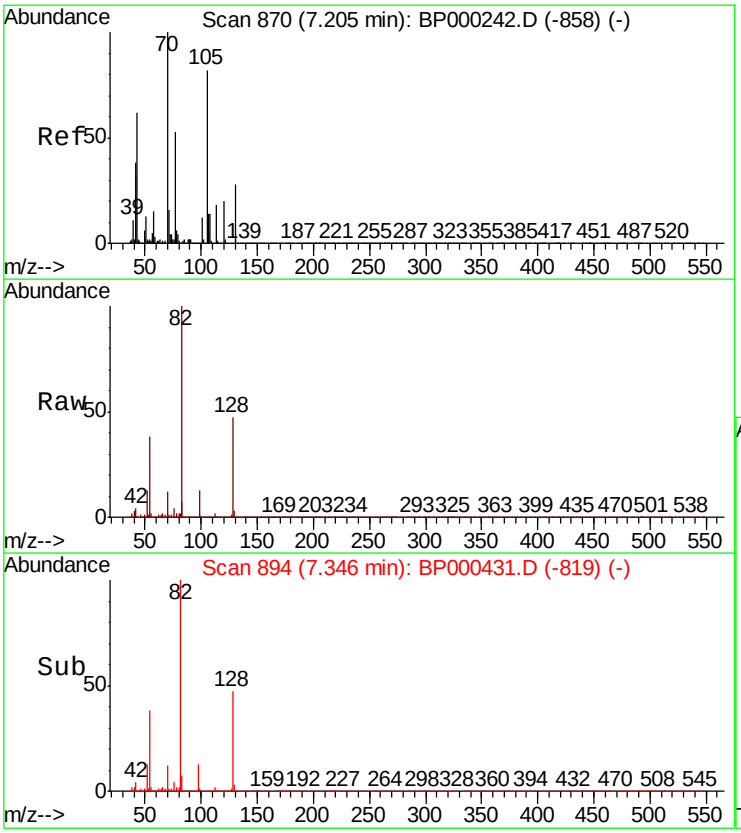
#10
Phenol
Concen: 3.447 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 63406

Ion	Ratio	Lower	Upper
94	100		
65	27.1	3.3	43.3
66	49.2	12.7	52.7

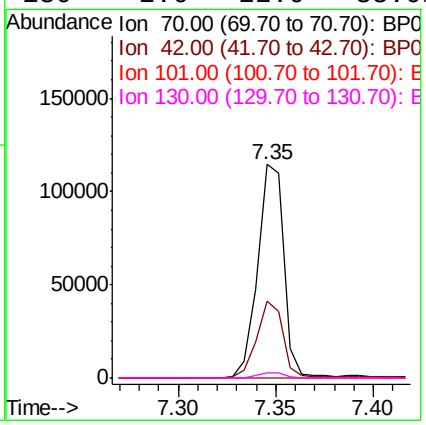


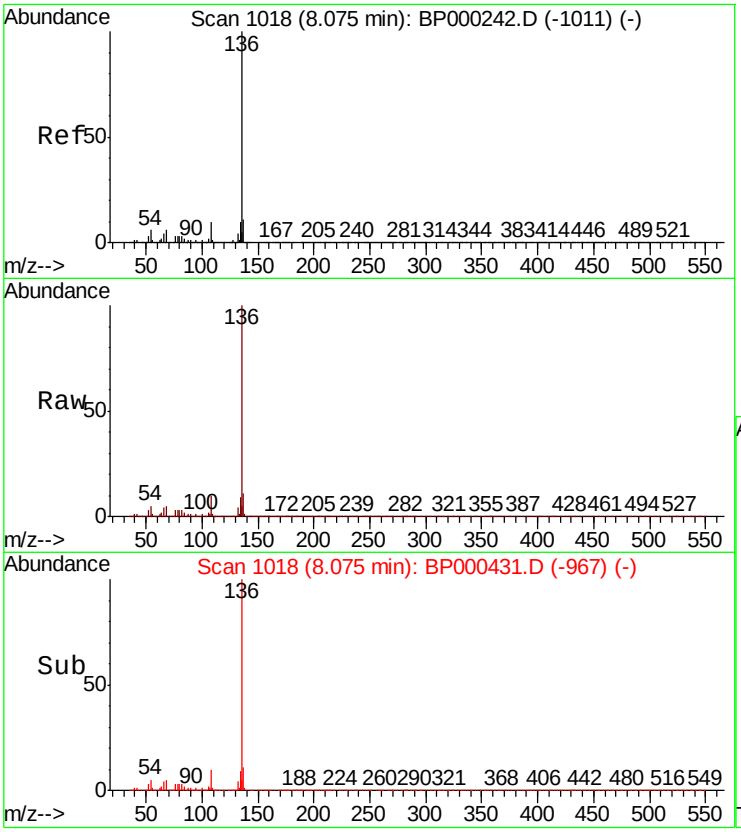


#19
n-Nitroso-di-n-propylamine
Concen: 12.463 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion: 70 Resp: 106698

Ion	Ratio	Lower	Upper
70	100		
42	35.7	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



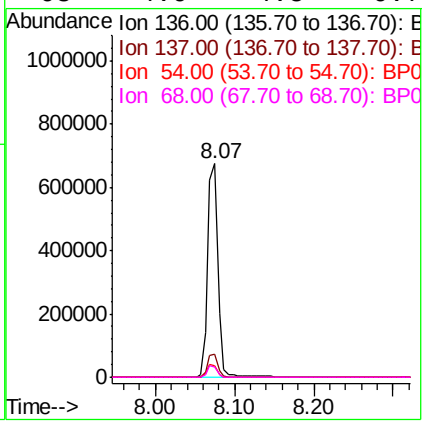


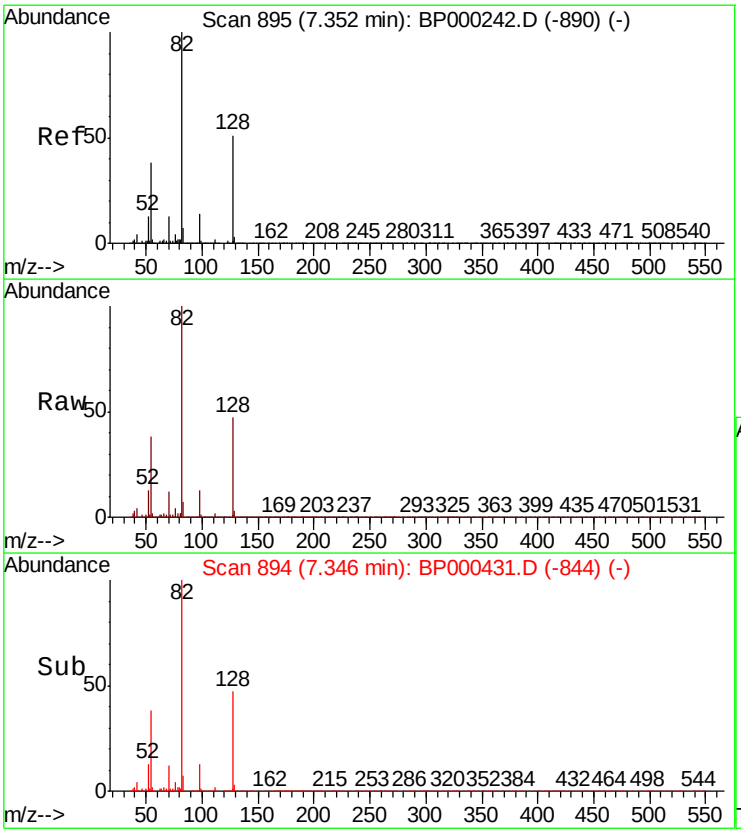
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 612690

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.2	4.5	6.7
68	4.9	4.5	6.7

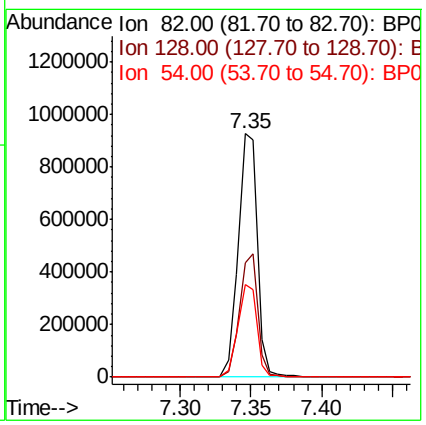


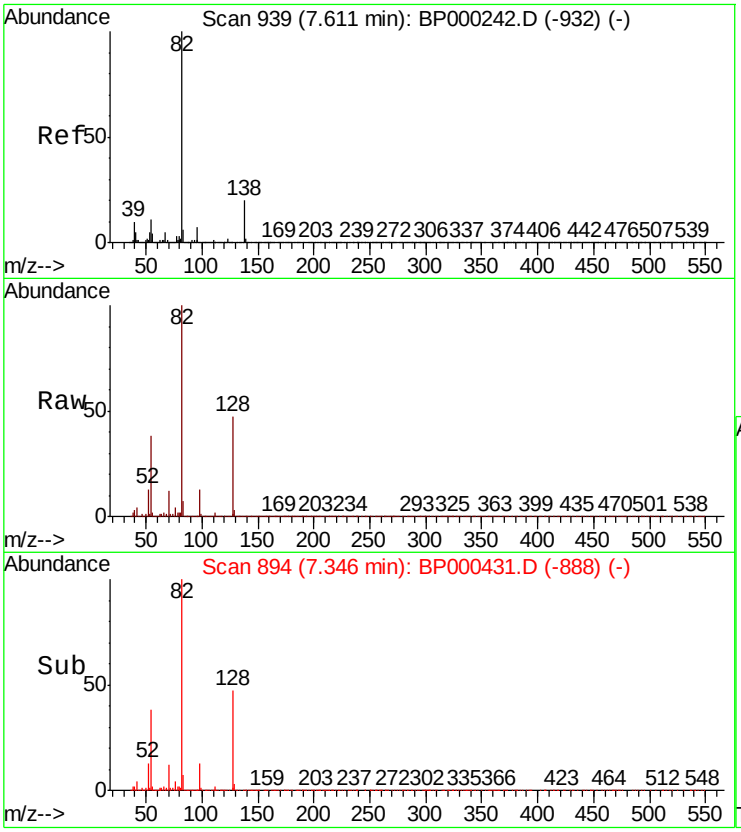


#23
Nitrobenzene-d5
Concen: 92.434 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion: 82 Resp: 877767

Ion	Ratio	Lower	Upper
82	100		
128	47.0	40.7	61.1
54	38.1	30.1	45.1



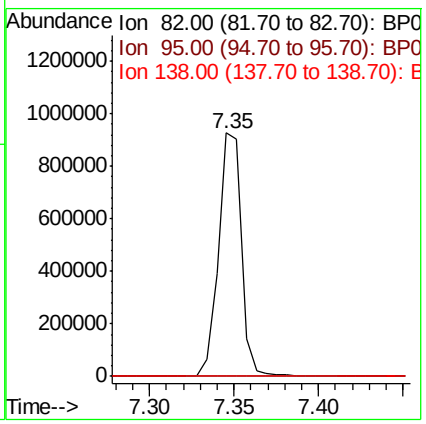


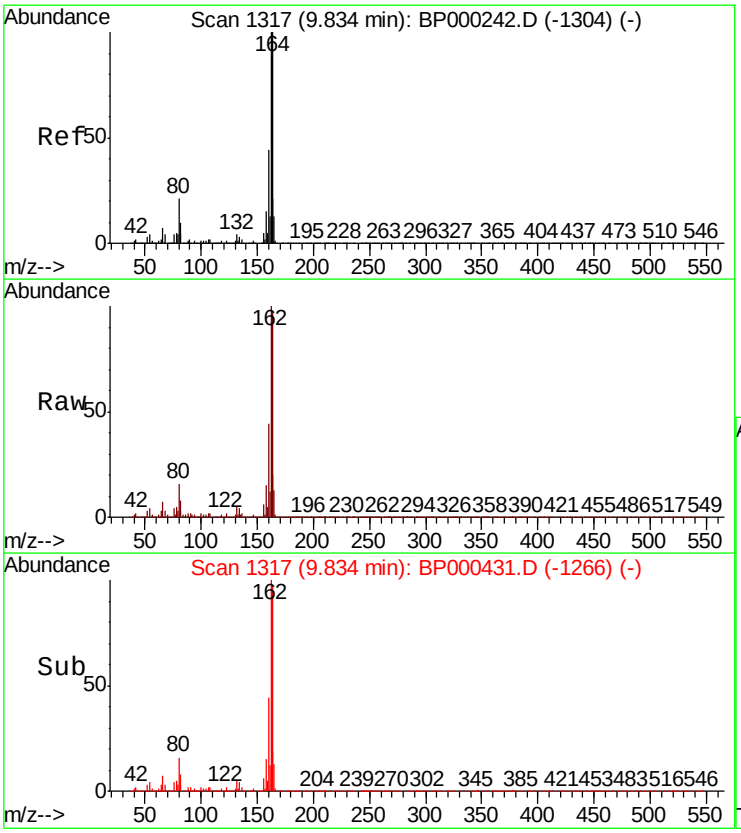
#25
Isophorone
Concen: 46.628 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 876774

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

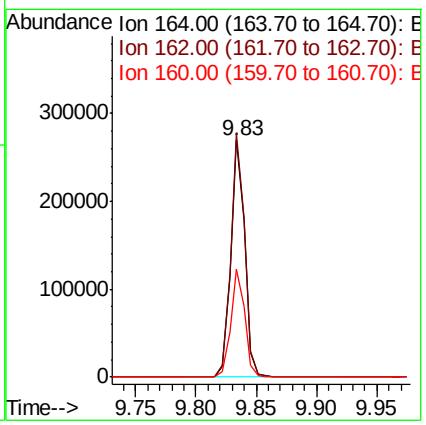


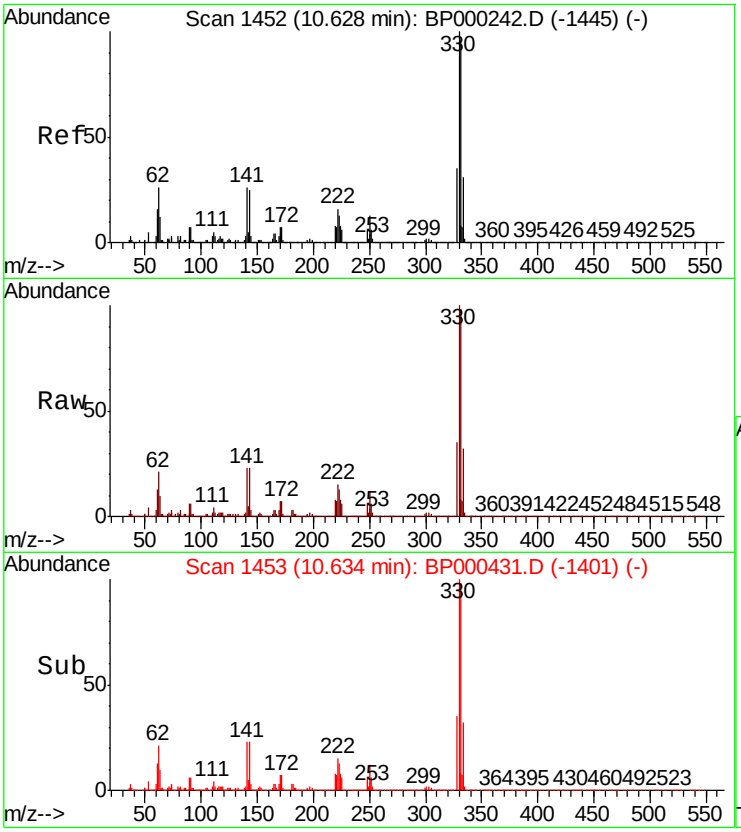


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:164 Resp: 216218

Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.9	119.9
160	45.4	35.6	53.4



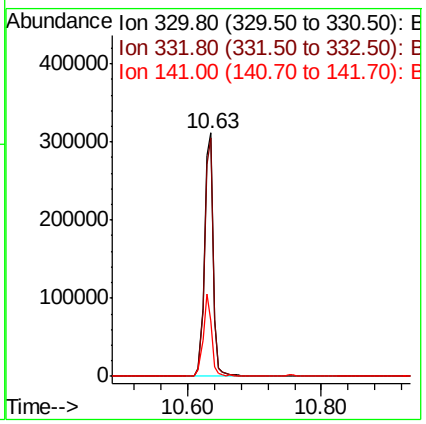


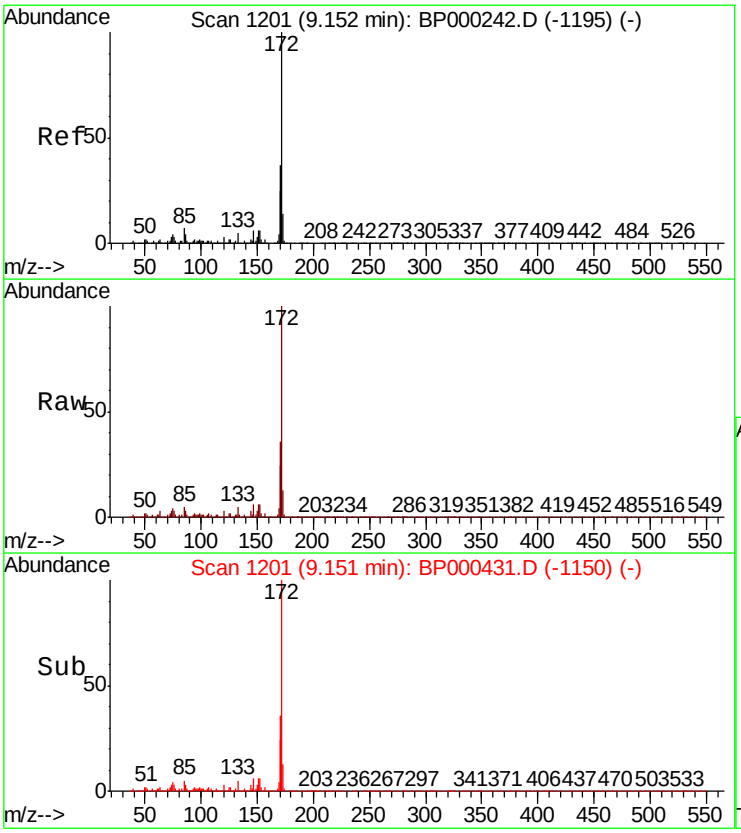
#42
2,4,6-Tribromophenol
Concen: 131.328 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 281644

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	31.5	26.5	39.7

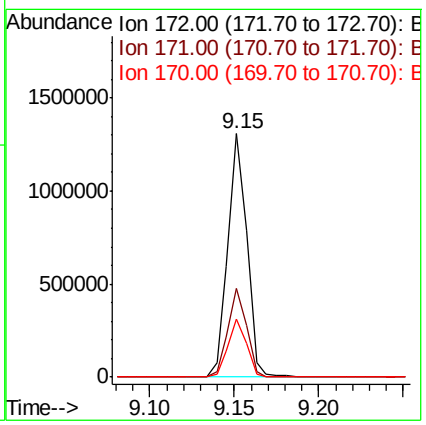


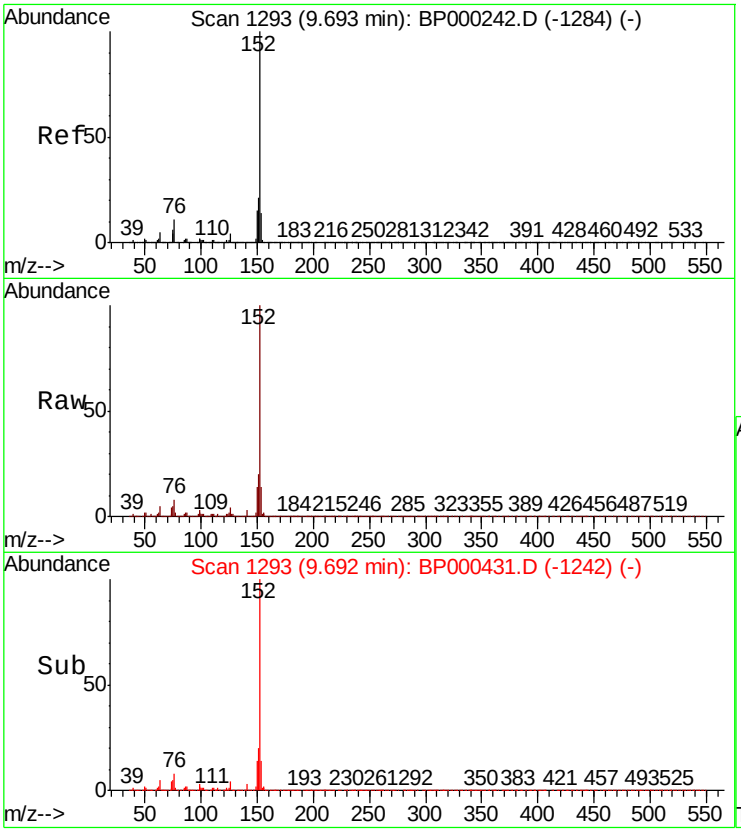


#45
2-Fluorobiphenyl
Concen: 85.218 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:172 Resp: 1023754

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	23.8	19.8	29.6



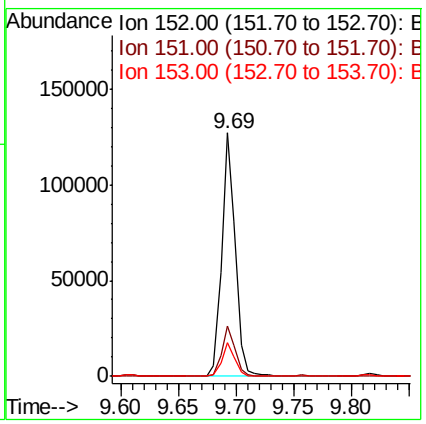


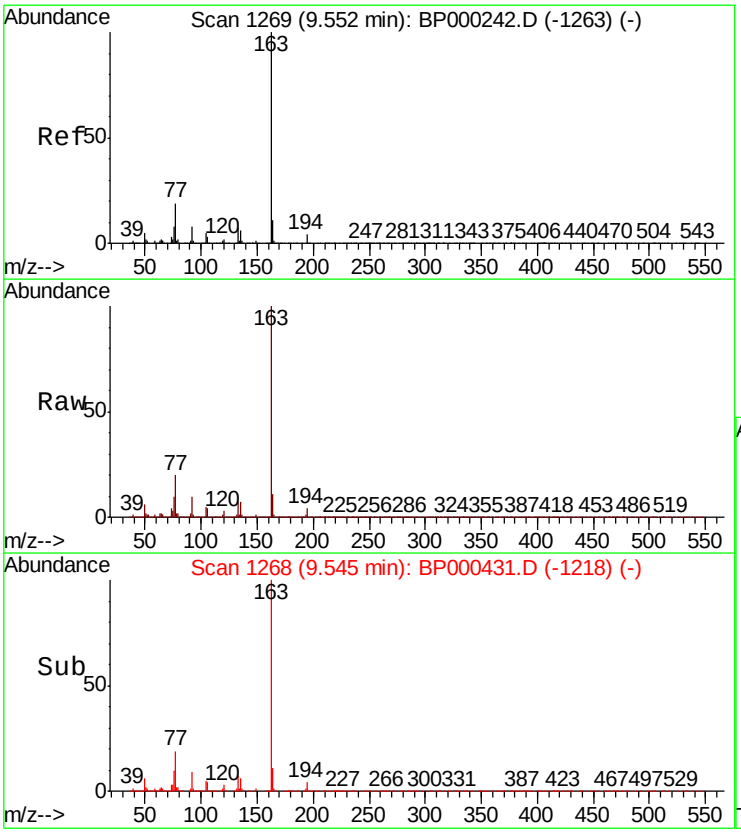
#49
Acenaphthylene
Concen: 5.486 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 103478

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.6	11.0	16.4

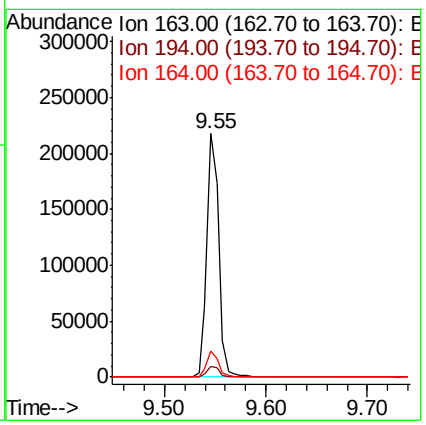


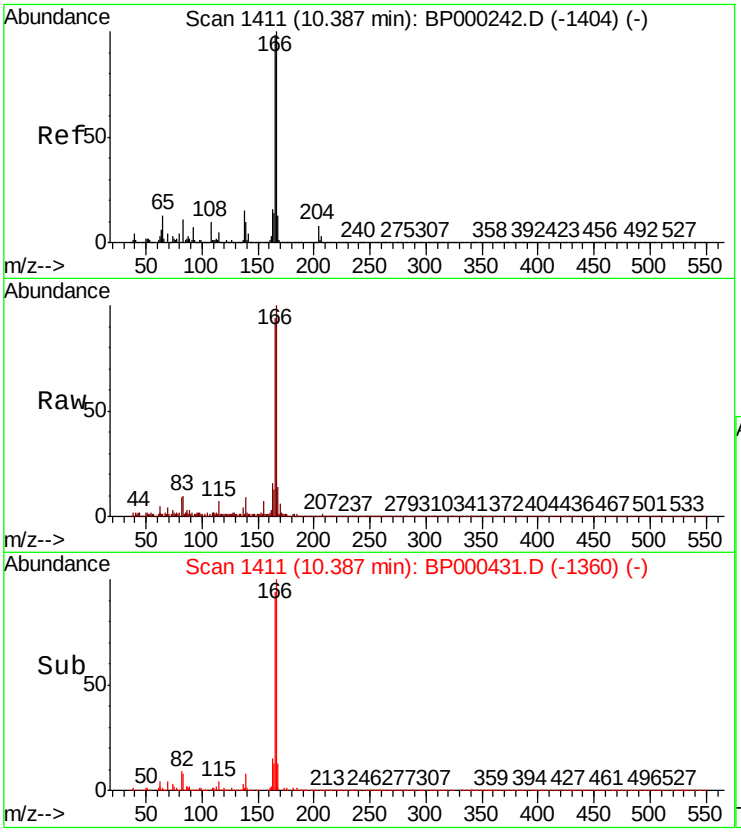


#50
Dimethylphthalate
Concen: 12.057 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:163 Resp: 177611

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



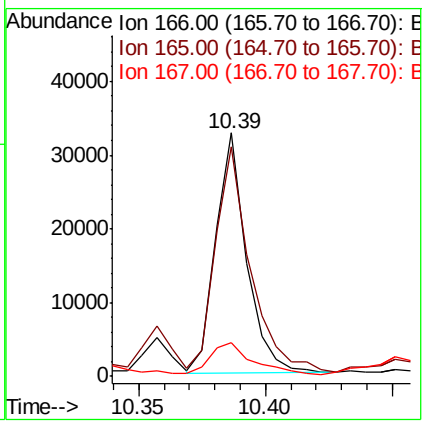


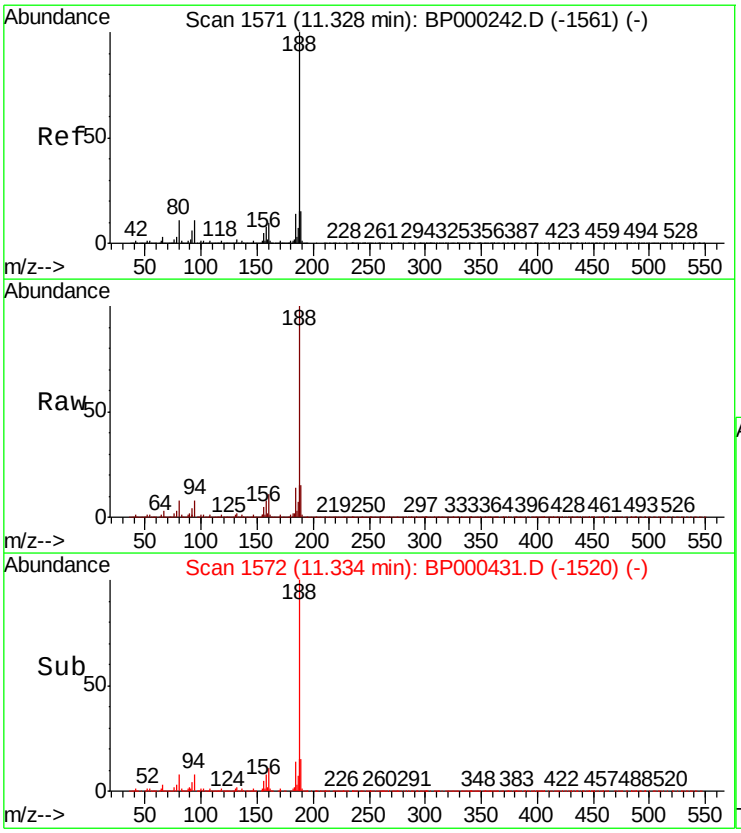
#58
Fluorene
Concen: 2.136 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 27759

Ion	Ratio	Lower	Upper
166	100		
165	94.3	78.2	117.2
167	13.6	10.7	16.1

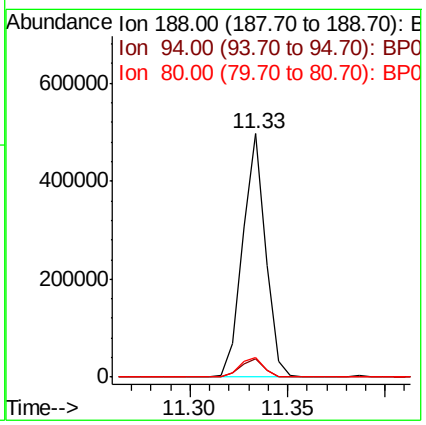


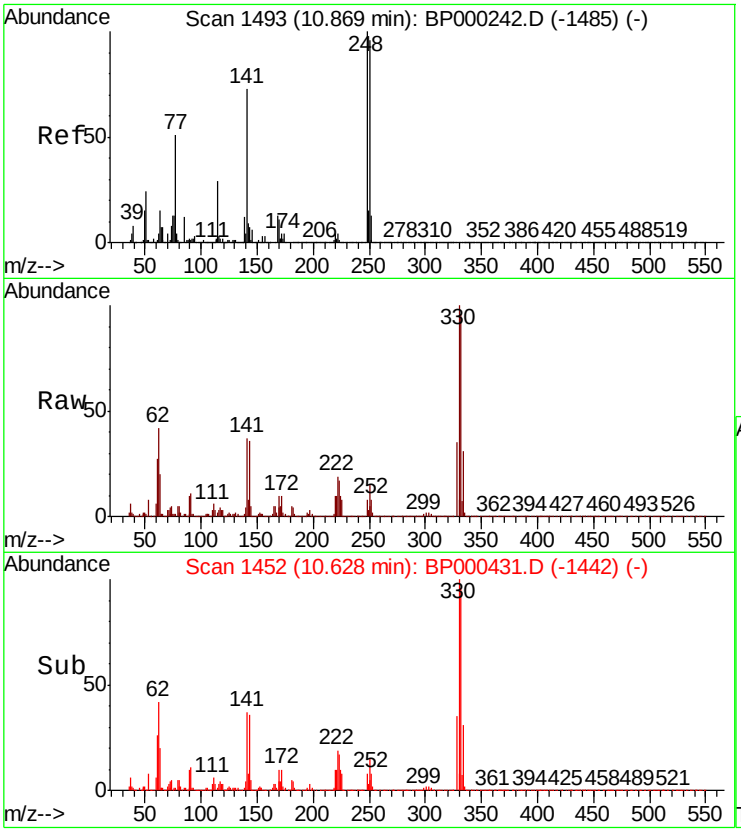


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:188 Resp: 404105

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.2	8.6	13.0#



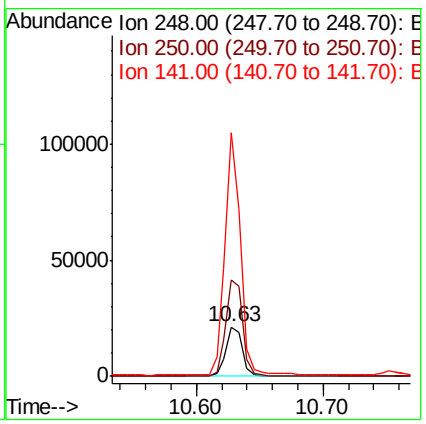


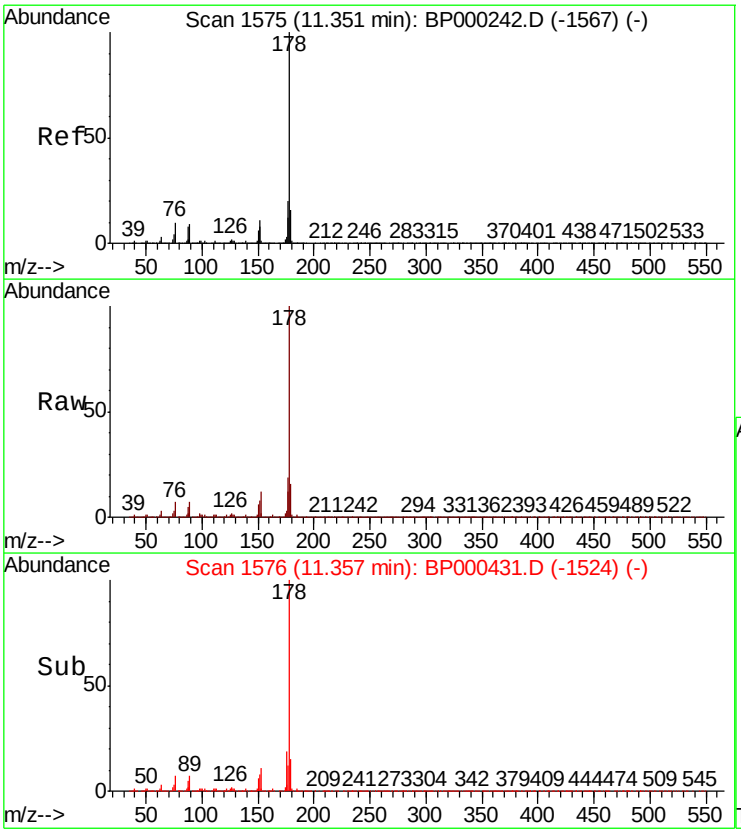
#67
4-Bromophenyl-phenylether
Concen: 4.167 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 19043

Ion	Ratio	Lower	Upper
248	100		
250	193.8	77.0	115.4#
141	492.0	58.5	87.7#

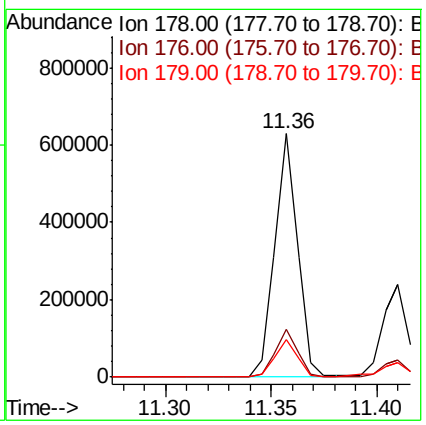


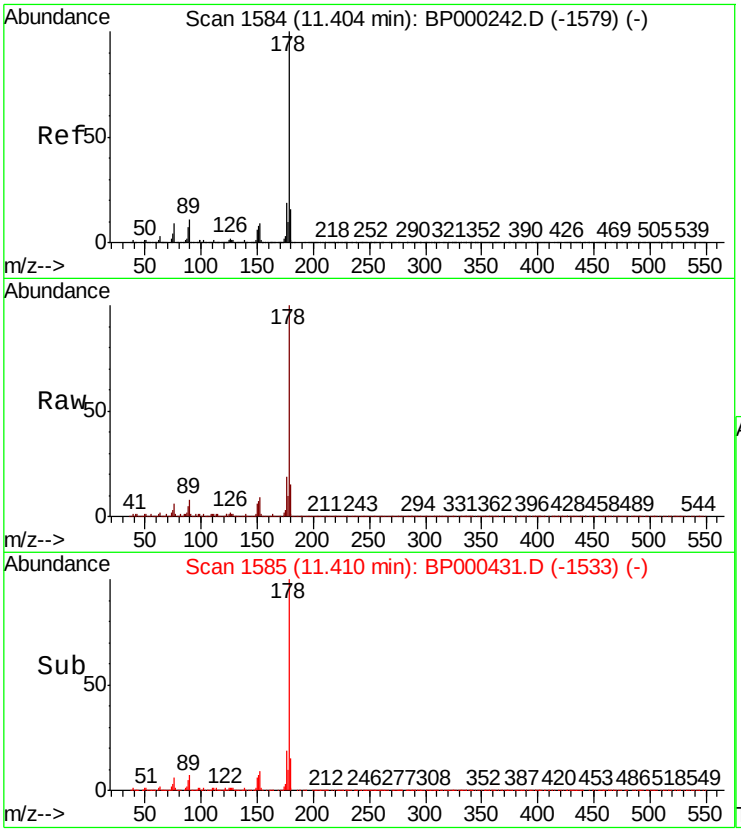


#71
Phenanthrene
Concen: 23.265 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:178 Resp: 471133

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.7	12.7	19.1



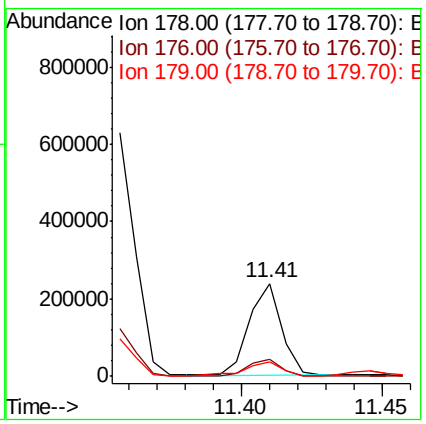


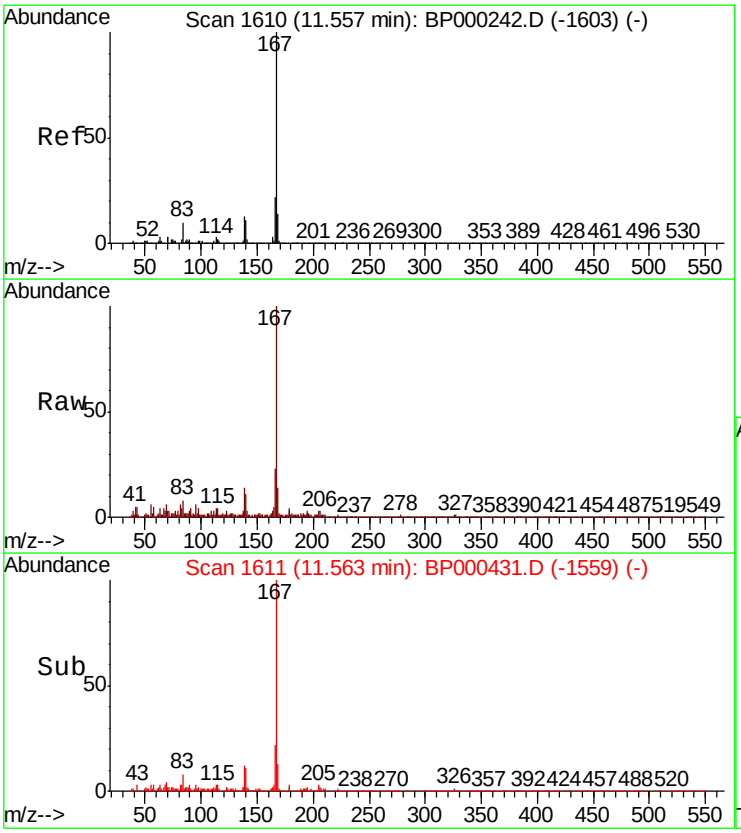
#72
Anthracene
Concen: 9.140 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 190512

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.2	12.7	19.1

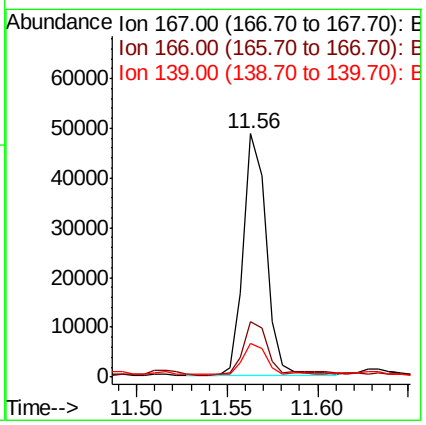


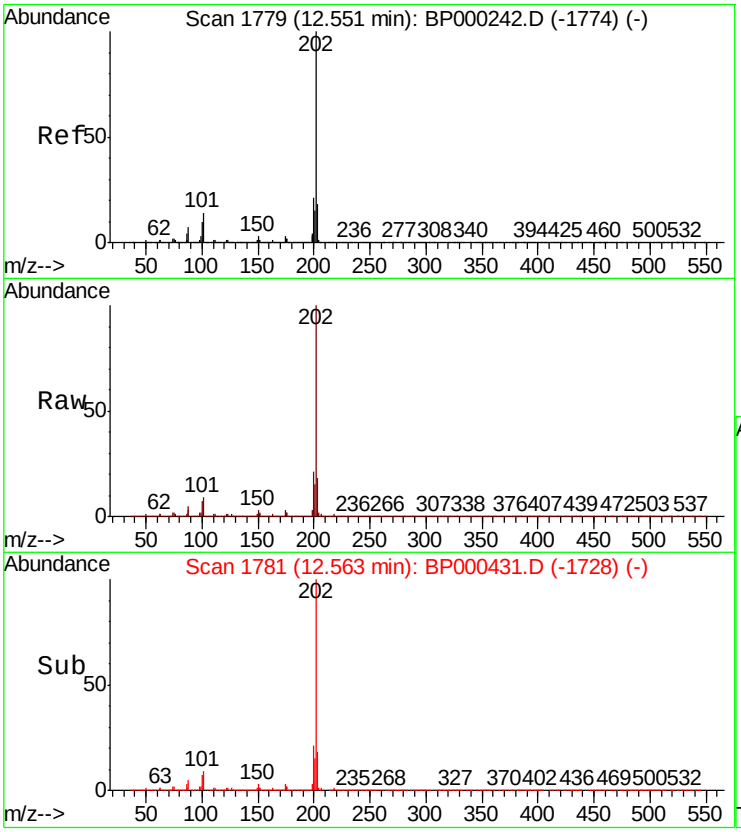


#73
Carbazole
Concen: 2.310 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:167 Resp: 43359

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	13.9	10.8	16.2



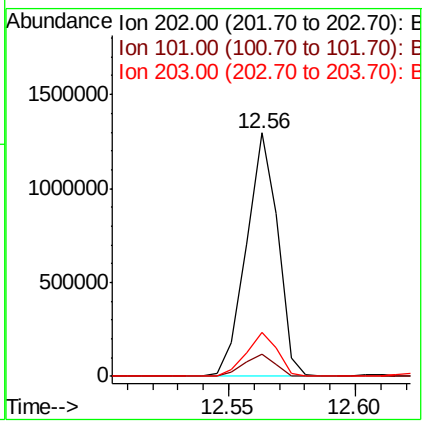


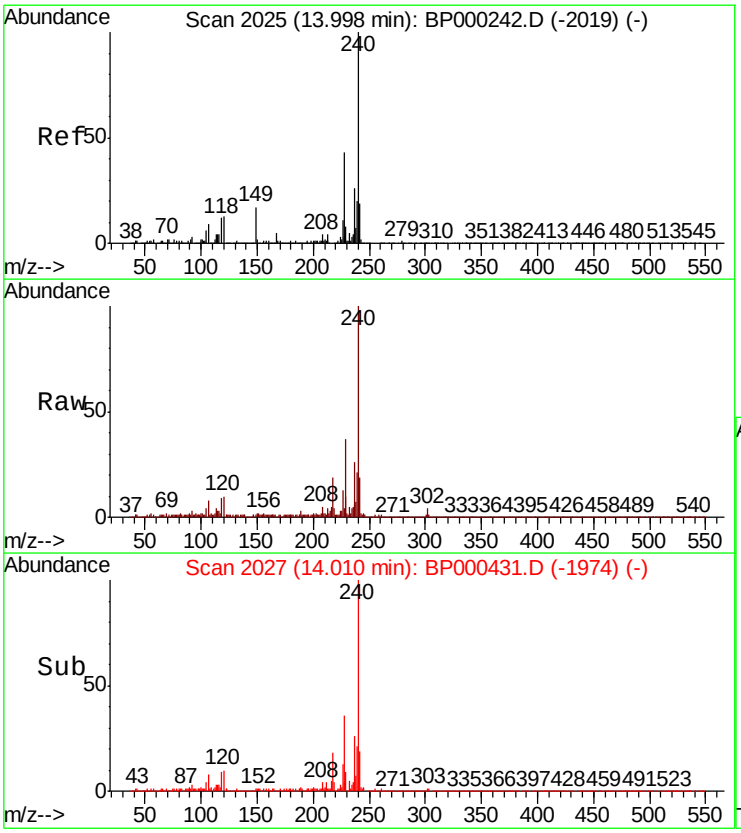
#75
Fluoranthene
Concen: 51.186 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1113035

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	33.9
203	18.1	0.0	38.0

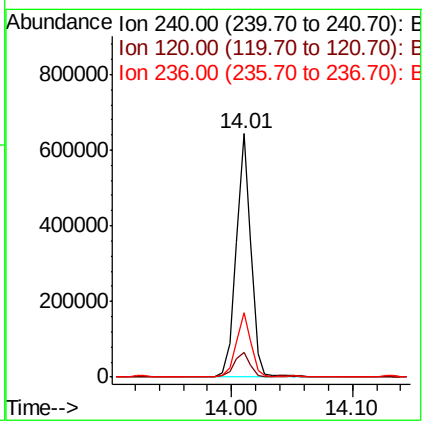


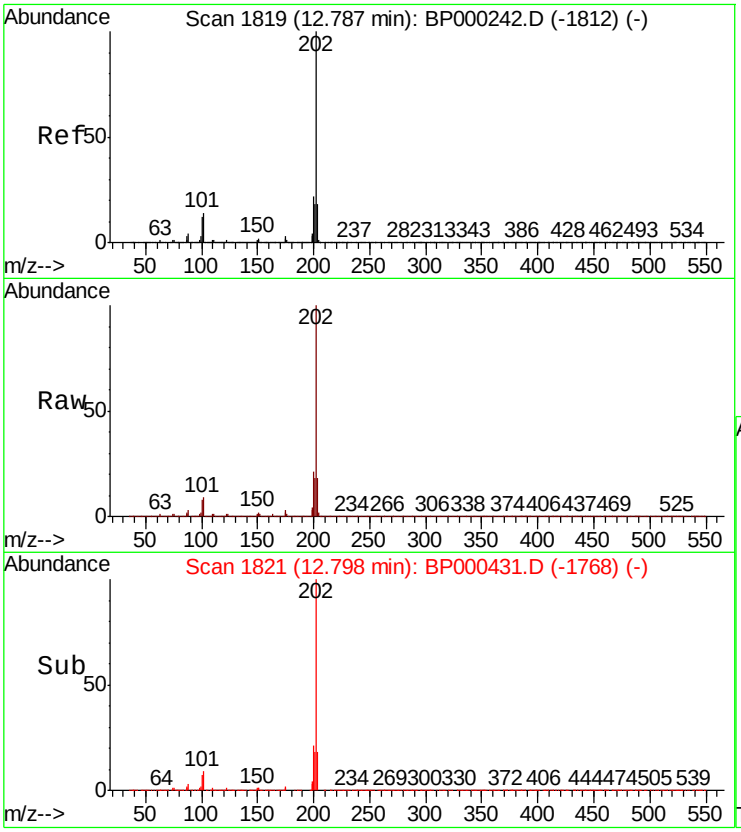


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:240 Resp: 543916

Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.4	15.6#
236	26.3	21.0	31.6



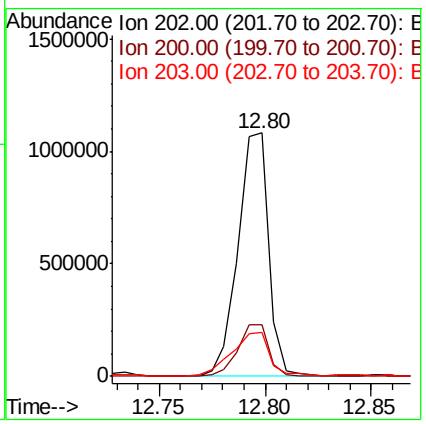


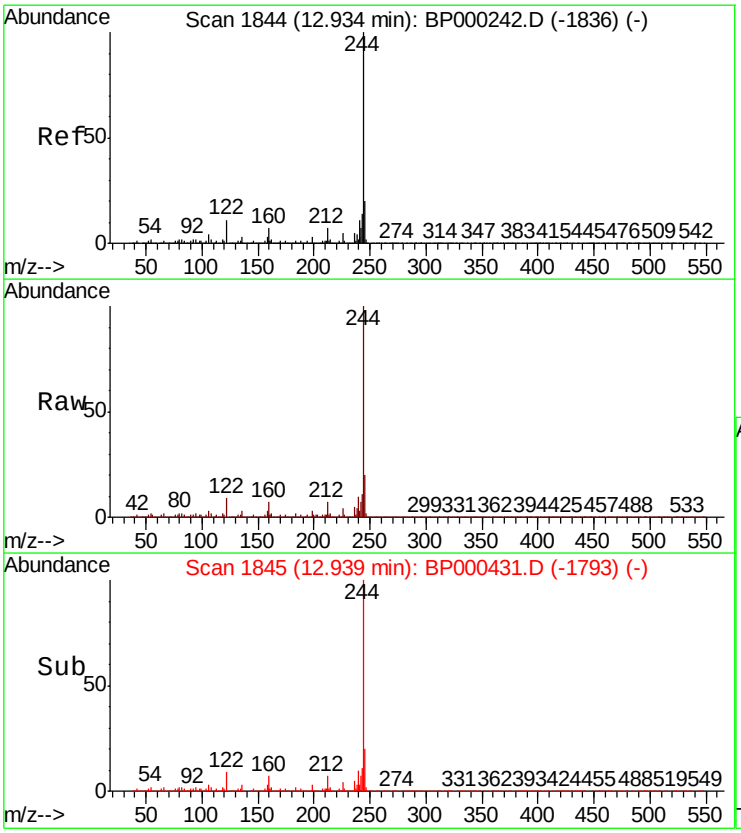
#78
Pyrene
Concen: 26.766 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1089197

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.5	26.3
203	17.8	14.3	21.5

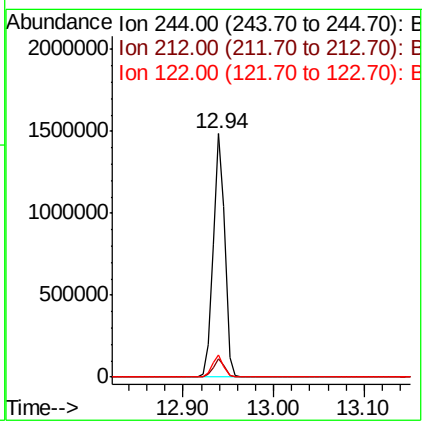


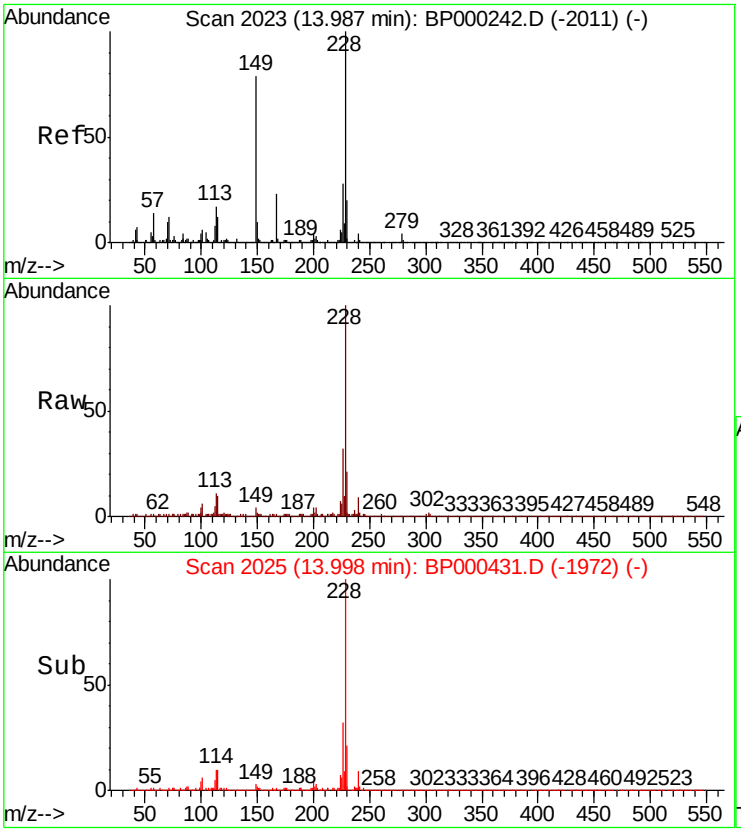


#79
Terphenyl-d14
Concen: 50.513 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:244 Resp: 1309676

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.0	9.0	13.4



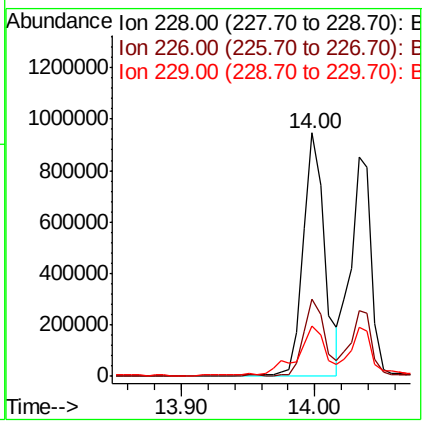


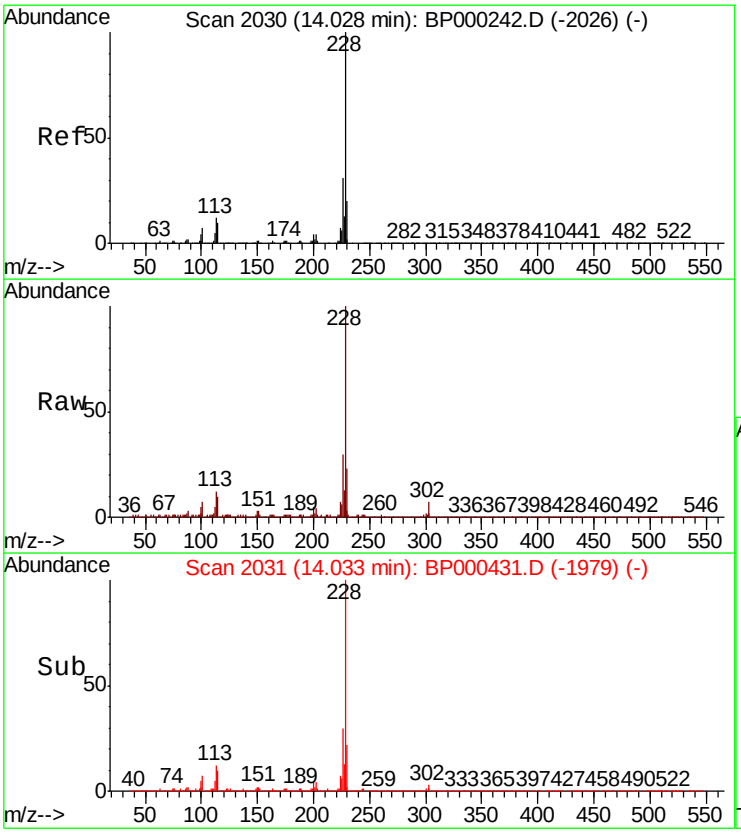
#81
Benzo(a)anthracene
Concen: 30.006 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1030938

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.2	33.4
229	20.9	16.0	24.0

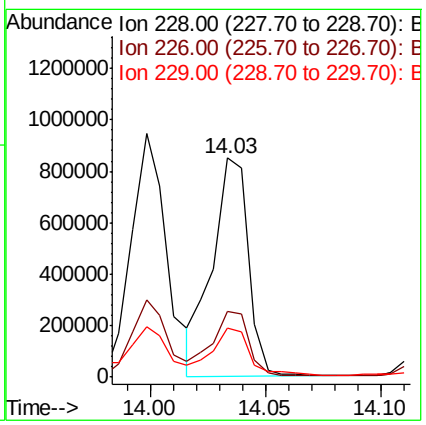


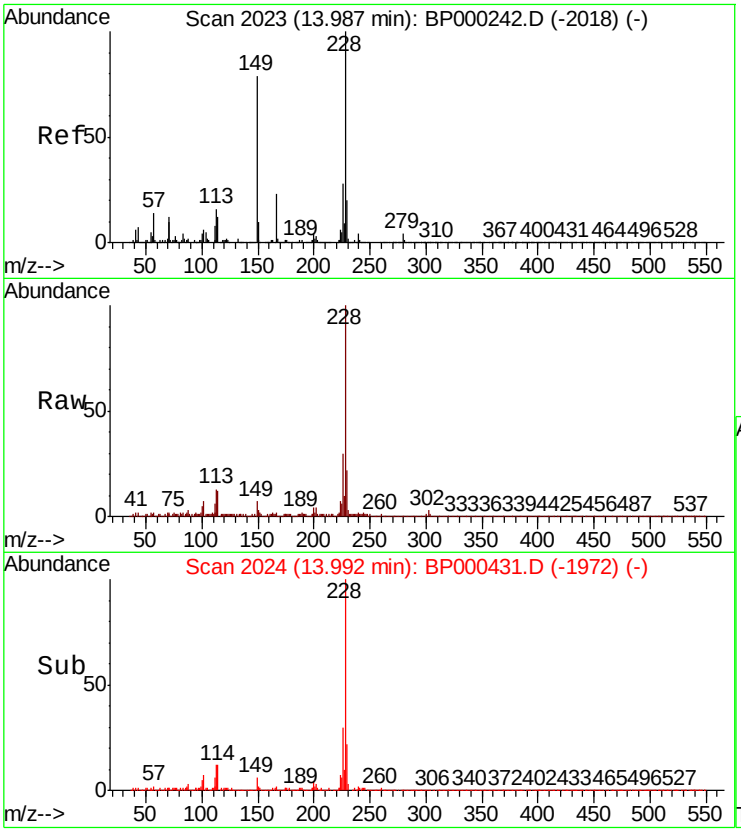


#83
Chrysene
Concen: 27.336 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:228 Resp: 922167

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	22.6	16.2	24.2



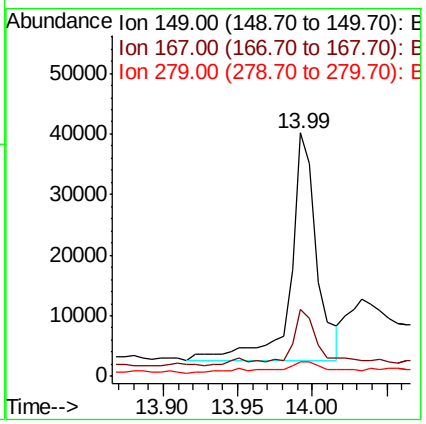


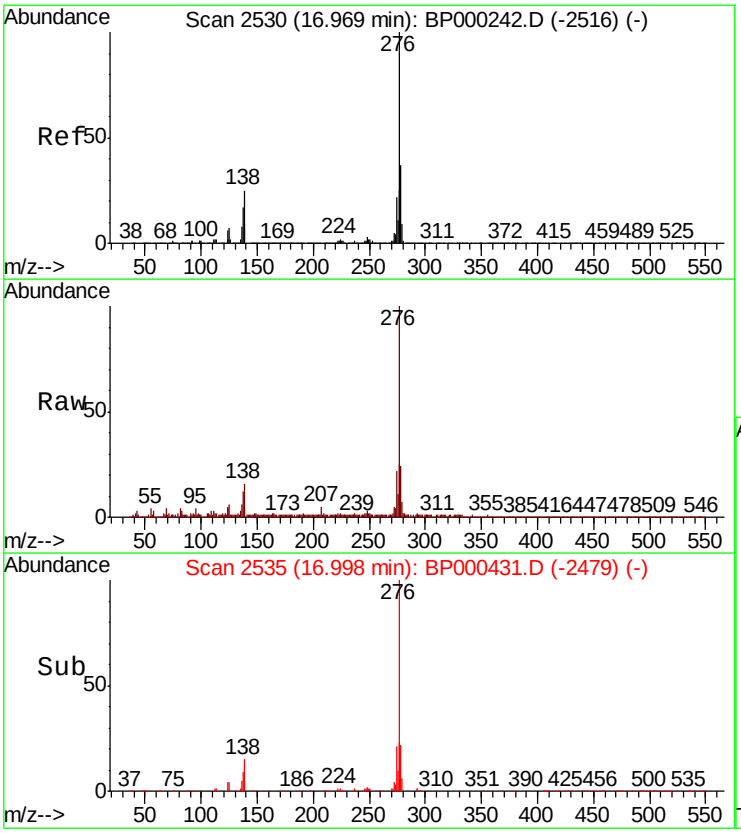
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.091 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 46934

Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.0	34.4
279	5.7	3.7	5.5#

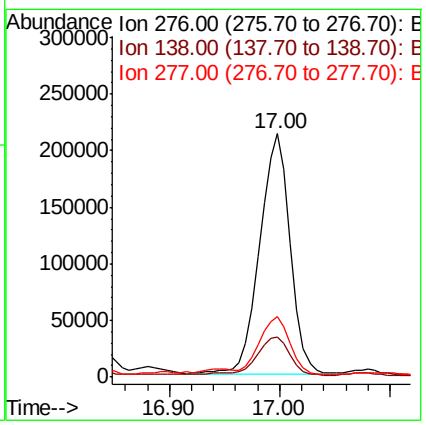


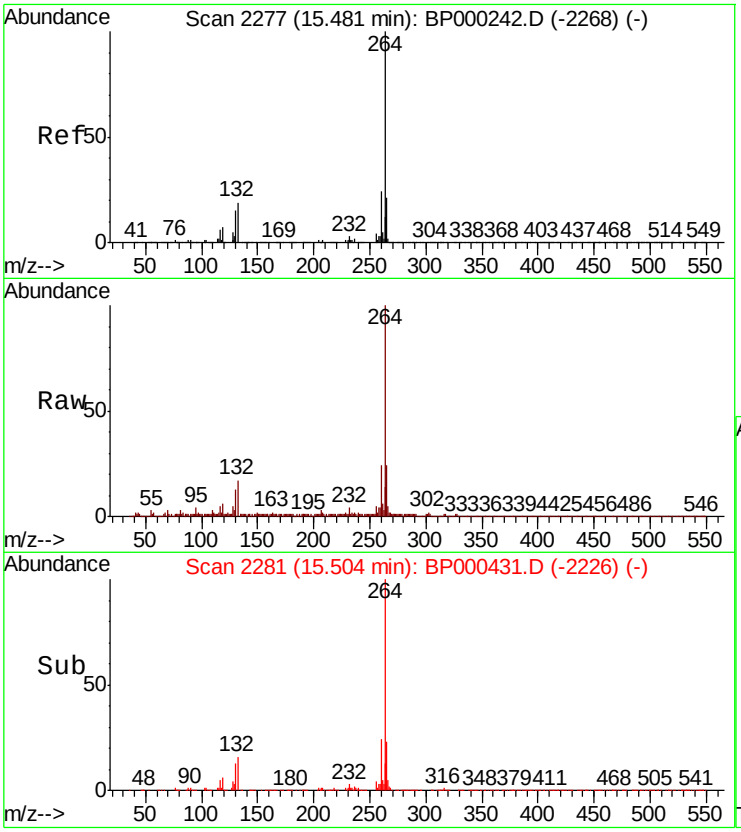


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.872 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.03 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:276 Resp: 405914

Ion	Ratio	Lower	Upper
276	100		
138	17.1	22.6	33.8#
277	24.8	20.4	30.6



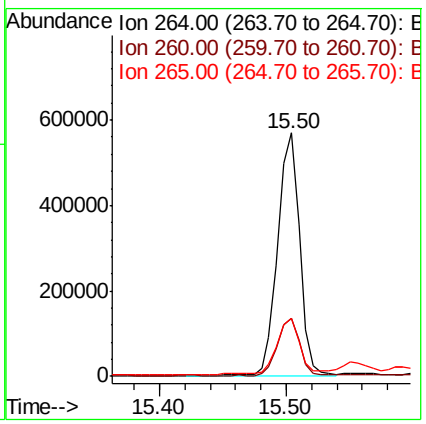


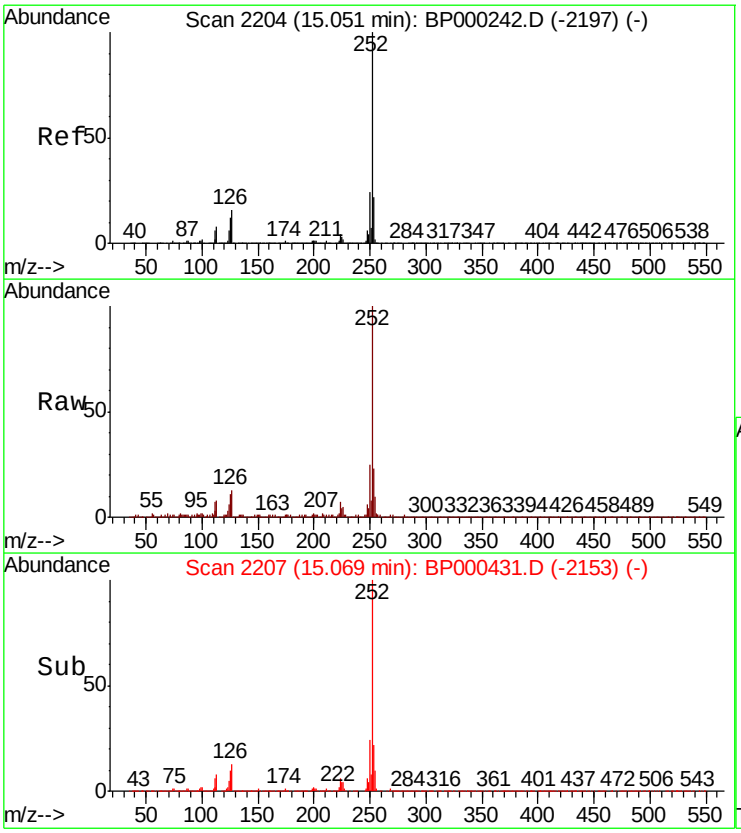
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.02 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 683047

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	23.6	17.2	25.8

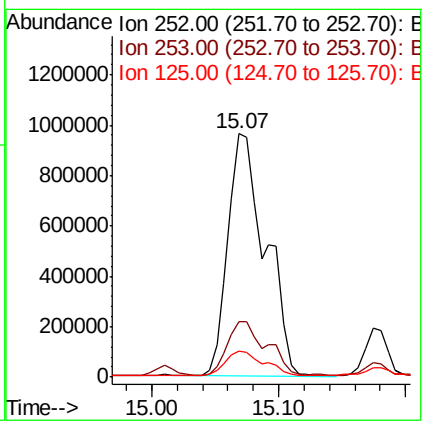


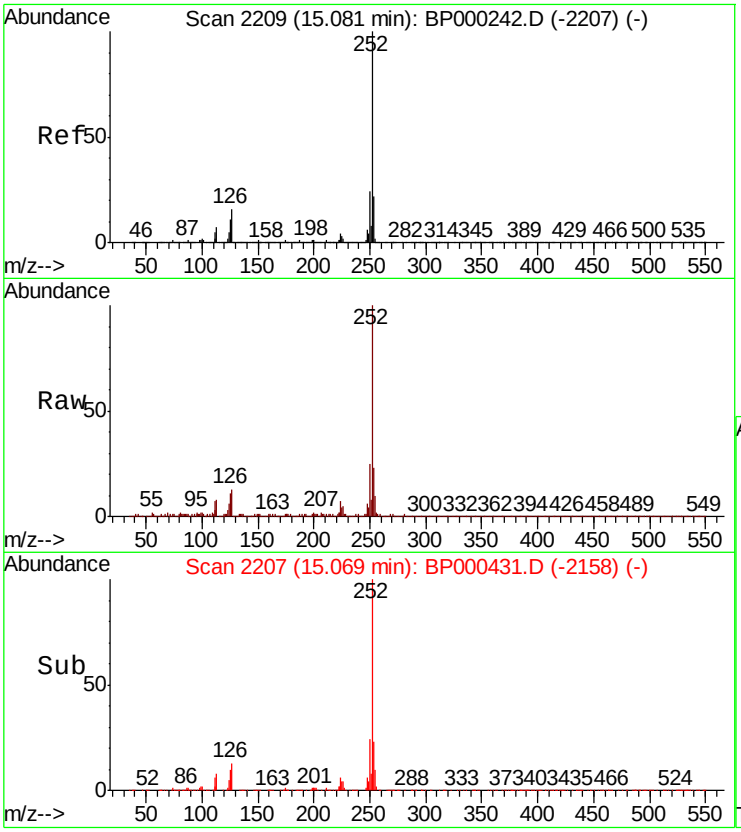


#88
Benzo(b)fluoranthene
Concen: 48.510 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:252 Resp: 1976686

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.8	9.5	14.3



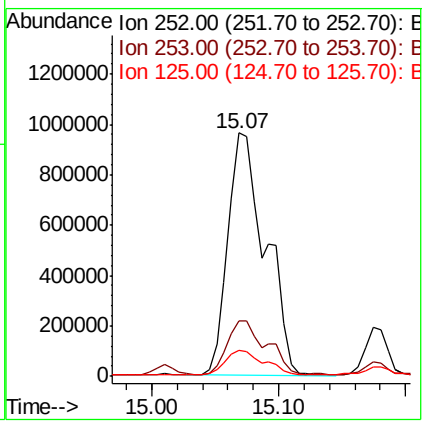


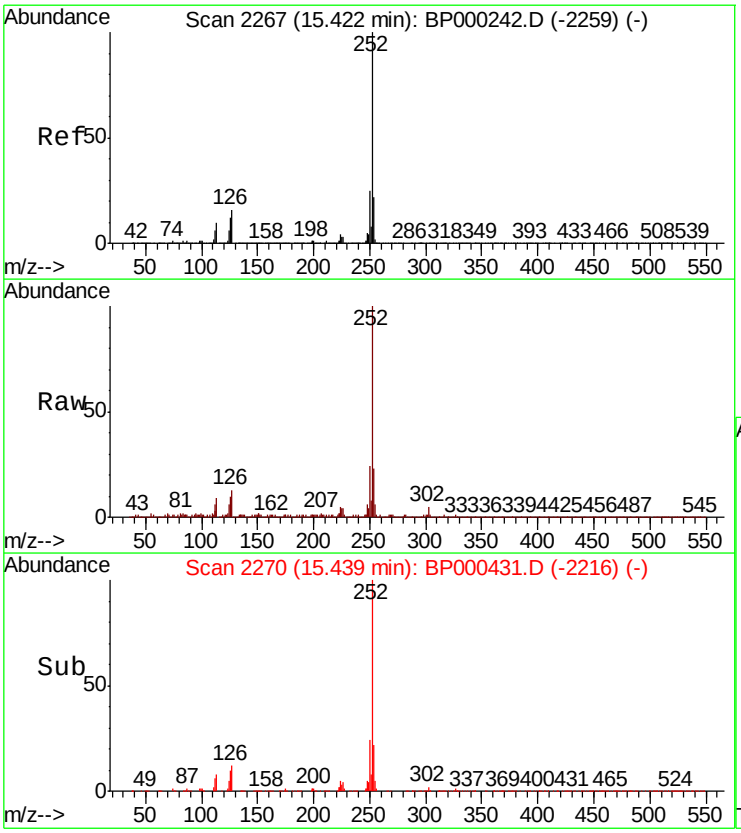
#89
Benzo(k)fluoranthene
Concen: 55.612 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1976686

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	10.8	9.6	14.4

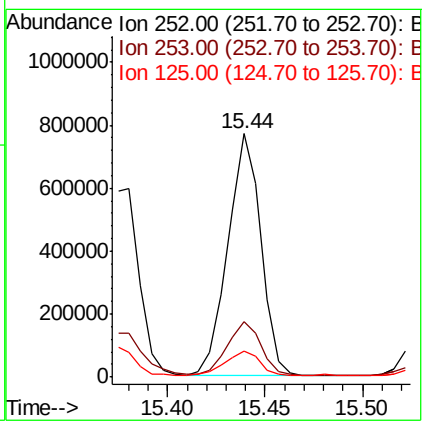


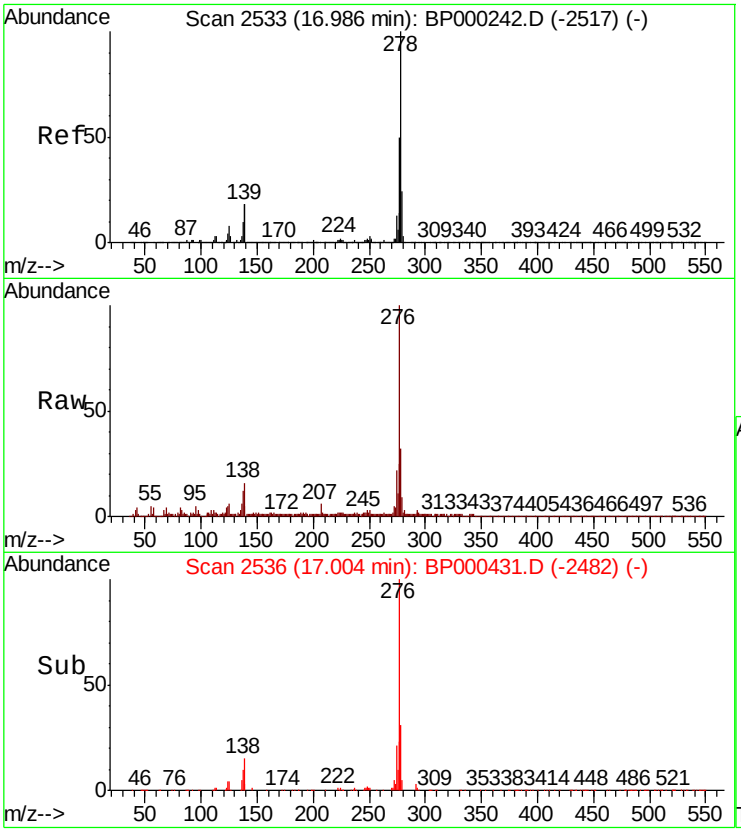


#90
Benzo(a)pyrene
Concen: 24.200 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:252 Resp: 897266

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.4	10.0	15.0



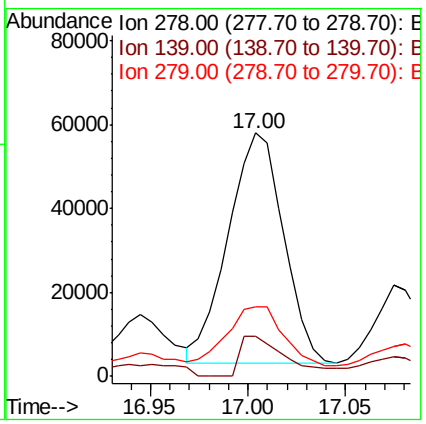


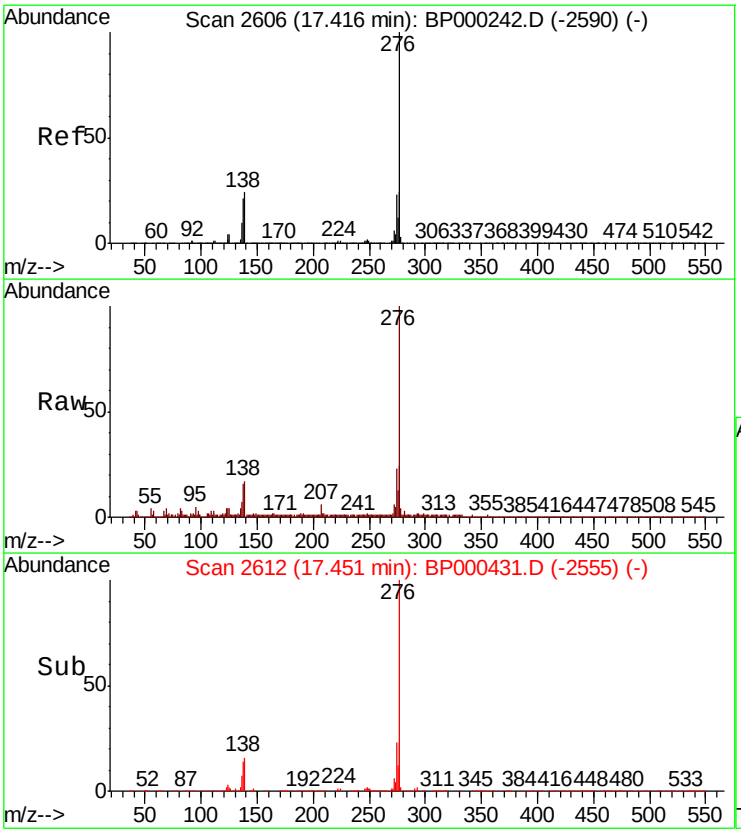
#91
Dibenzo(a,h)anthracene
Concen: 3.108 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 107434

Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.5	21.7
279	28.4	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 10.365 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.04 min
Lab File: BP000431.D
Acq: 26 Sep 2019 18:47

Tgt Ion:276 Resp: 368288

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	17.0	19.5	29.3#