Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000298.D
Acq On : 18 Sep 2019 15:37
Operator : HP/JU
Sample : K4938-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 19 03:18:18 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	304189	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1103675	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	606586	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1097984	20.00	ng		0.00
76) Chrysene-d12	13.99	240	891552	20.00	ng		-0.01
87) Perylene-d12	15.47	264	950080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1727284	98.03	ng		0.01
7) Phenol-d6	6.43	99	2177896	100.83	ng		0.00
23) Nitrobenzene-d5	7.35	82	1253804	73.30	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	722479	120.08	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2436890	72.31	ng		0.00
79) Terphenyl-d14	12.93	244	2706019	63.67	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	3623	Below Cal		#	1
10) Phenol	6.44	94	63926	2.605	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	155146	13.586	ng	#	74
25) Isophorone	7.35	82	1249434	36.887	ng	#	63
50) Dimethylphthalate	9.55	163	321305	7.775	ng		98
57) 2,4-Dinitrotoluene	9.83	165	78678	6.623	ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	49294	3.970	ng	#	1
69) Atrazine	11.02	200	98	Below Cal		#	79
75) Fluoranthene	12.55	202	122596	2.075	ng		98
88) Benzo(b)fluoranthene	15.04	252	113725	2.006	ng		99
89) Benzo(k)fluoranthene	15.04	252	113725	2.300	ng		99

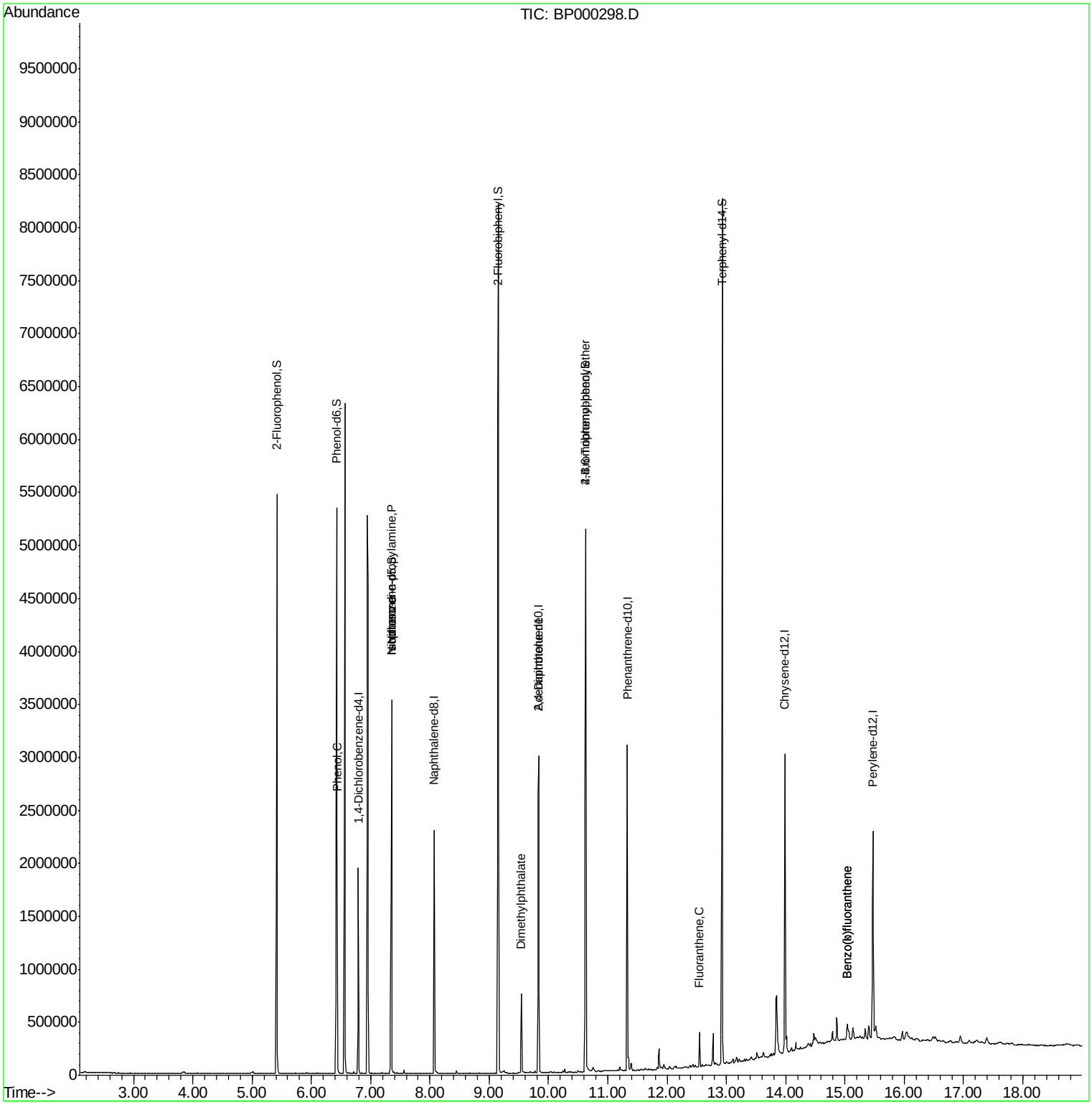
(#) = qualifier out of range (m) = manual integration (+) = signals summed

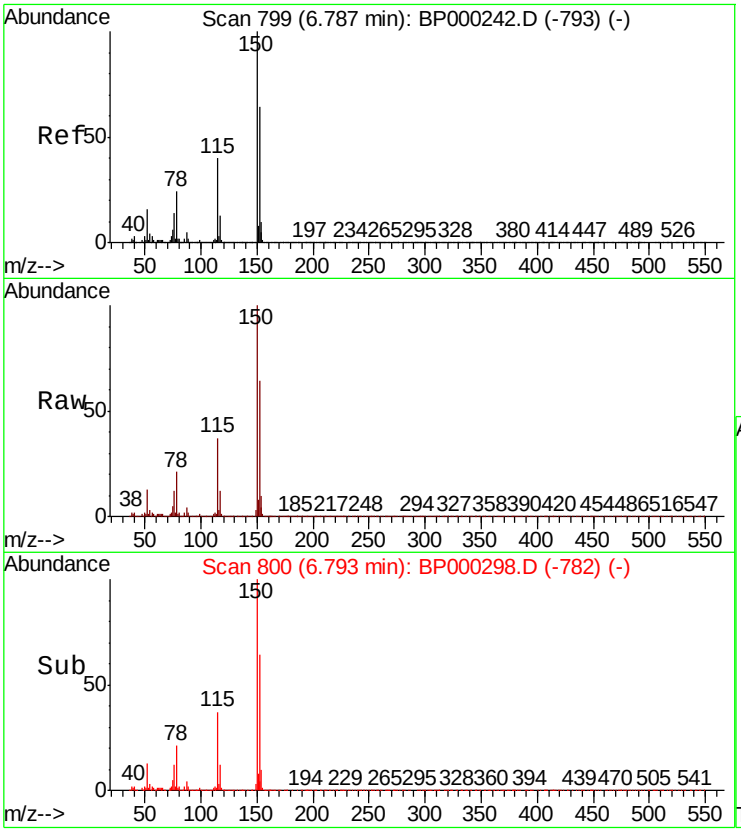
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000298.D
Acq On : 18 Sep 2019 15:37
Operator : HP/JU
Sample : K4938-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 19 03:18:18 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



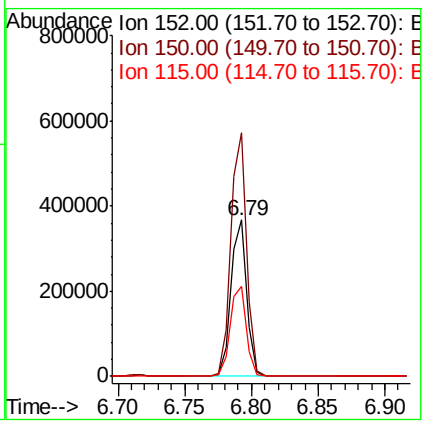


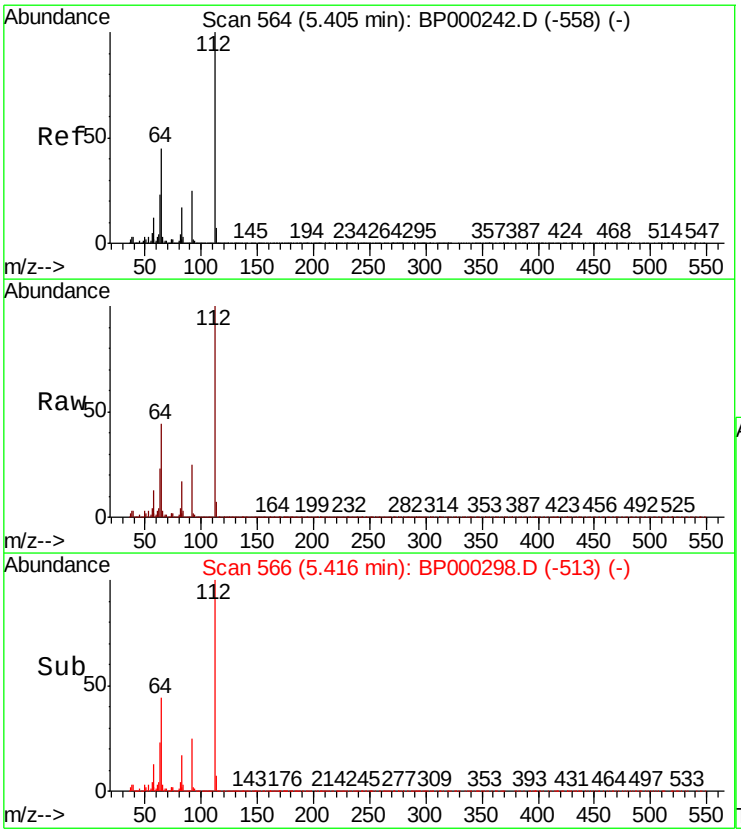
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 304189

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.2	187.8
115	57.6	49.7	74.5

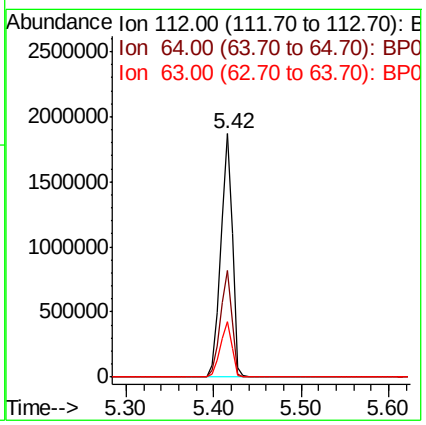


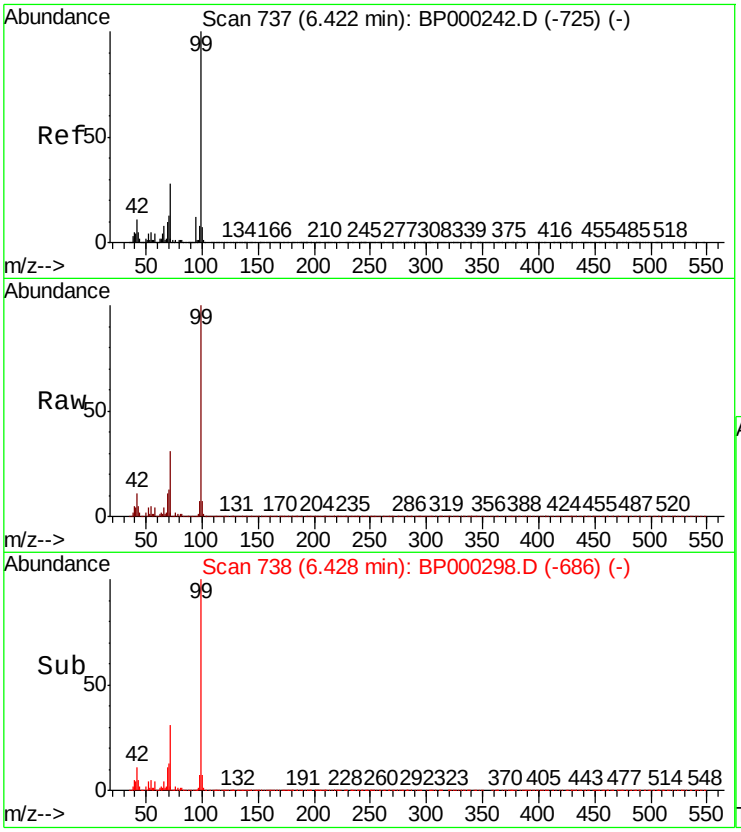


#5
2-Fluorophenol
Concen: 98.028 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:112 Resp: 1727284

Ion	Ratio	Lower	Upper
112	100		
64	43.8	36.2	54.4
63	22.8	18.3	27.5



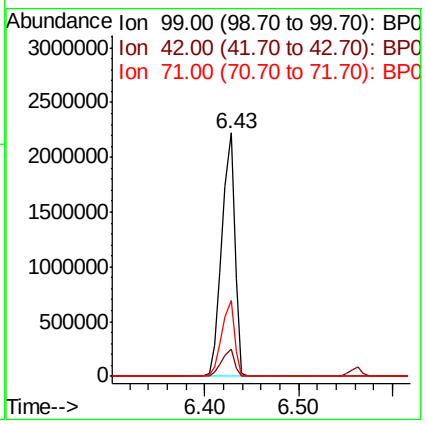


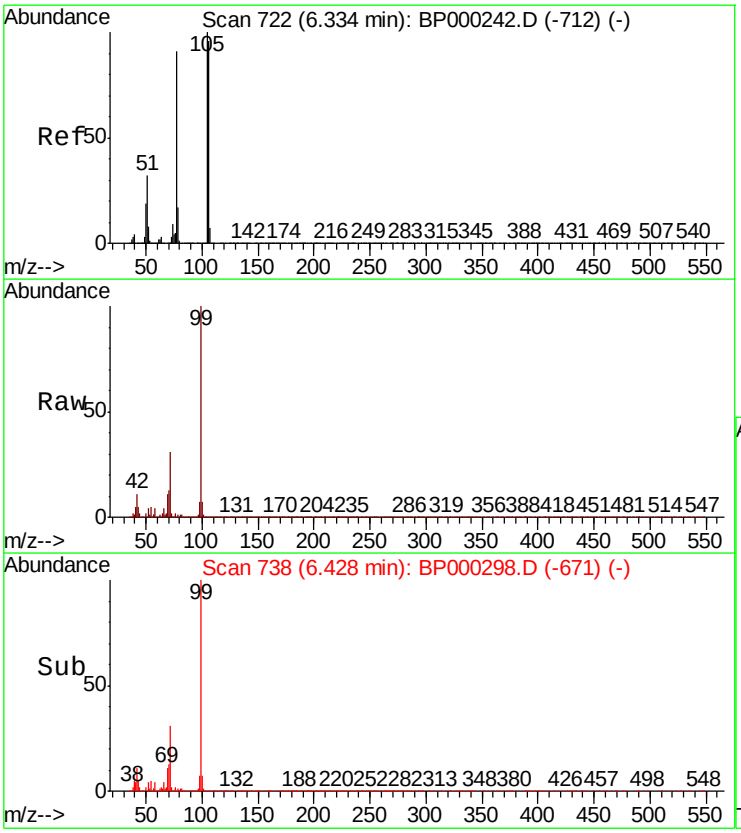
#7
Phenol-d6
Concen: 100.834 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2177896

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	31.1	22.6	34.0

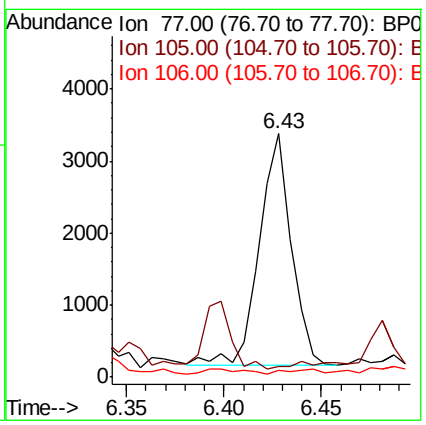


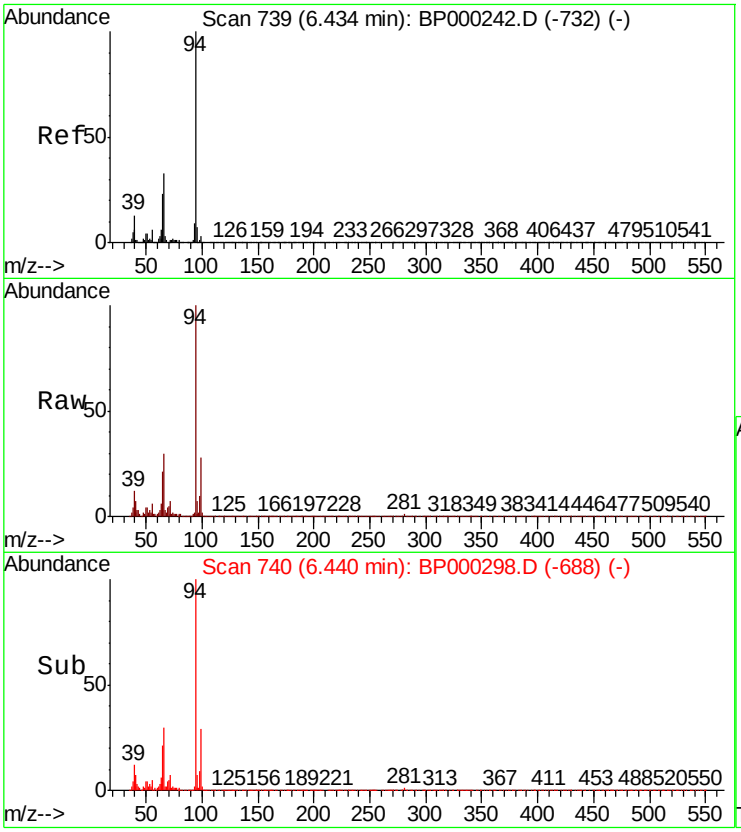


#9
Benzaldehyde
Concen: Below Cal
RT: 6.43 min Scan# 738
Delta R.T. 0.09 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion: 77 Resp: 3623

Ion	Ratio	Lower	Upper
77	100		
105	4.2	89.6	129.6#
106	2.7	84.6	124.6#



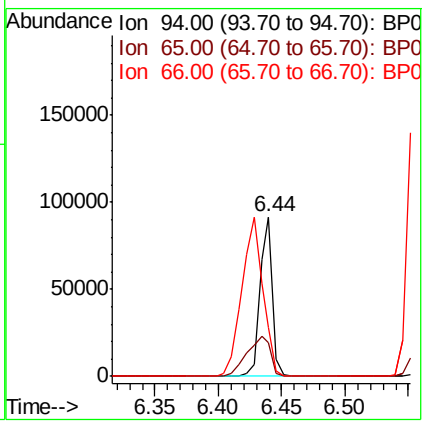


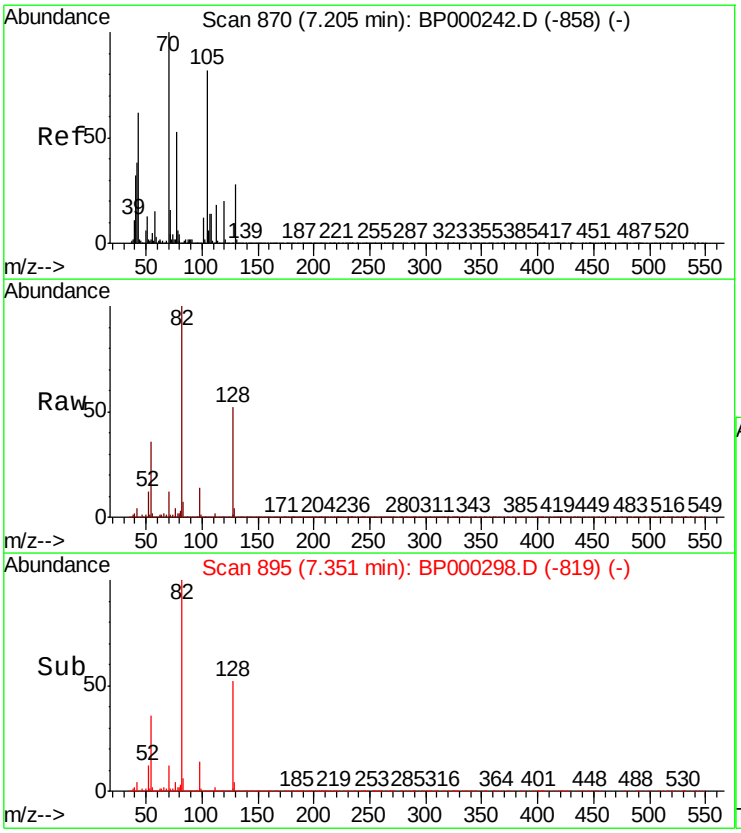
#10
Phenol
Concen: 2.605 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 63926

Ion	Ratio	Lower	Upper
94	100		
65	21.1	3.3	43.3
66	30.5	12.7	52.7

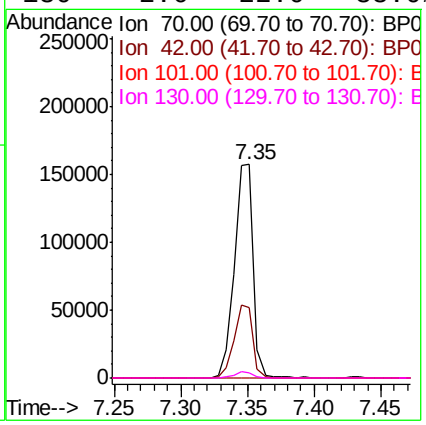


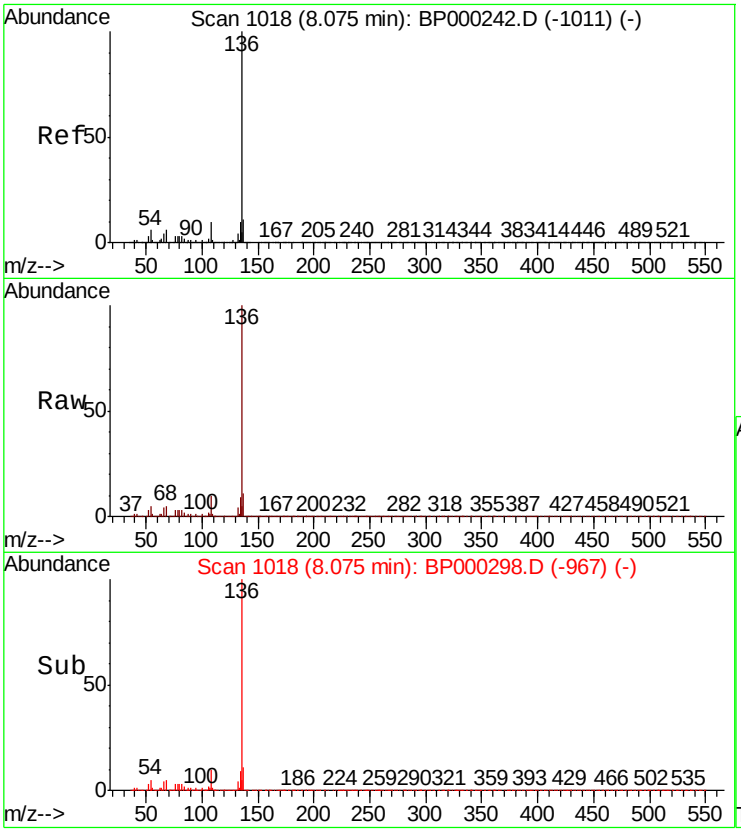


#19
n-Nitroso-di-n-propylamine
Concen: 13.586 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion: 70 Resp: 155146

Ion	Ratio	Lower	Upper
70	100		
42	33.1	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



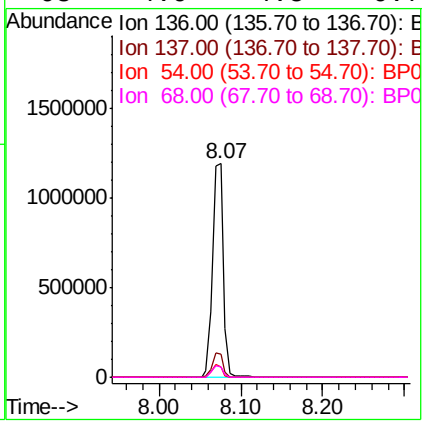


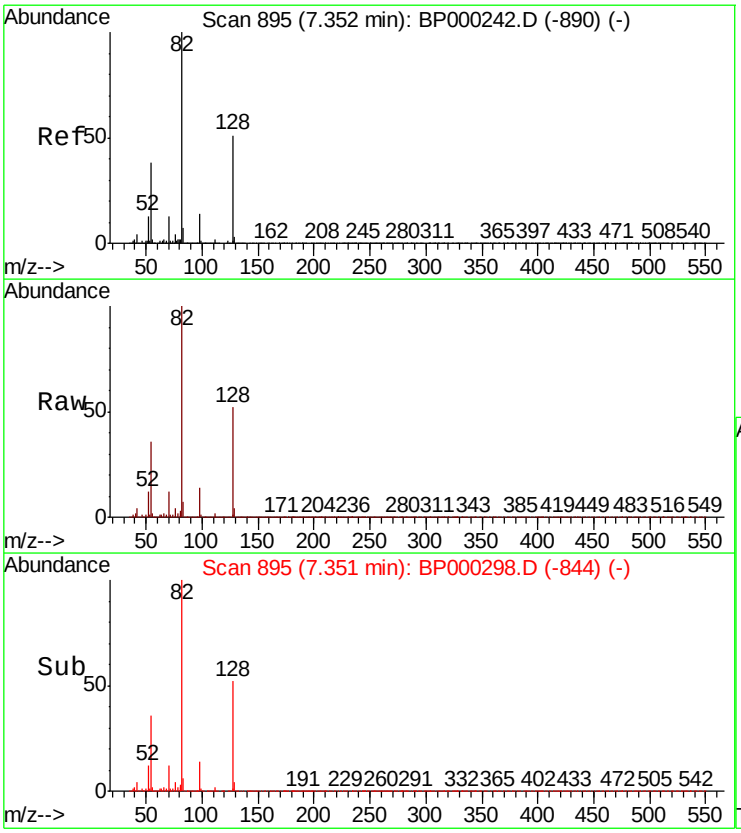
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1103675

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.9	4.5	6.7
68	4.9	4.5	6.7

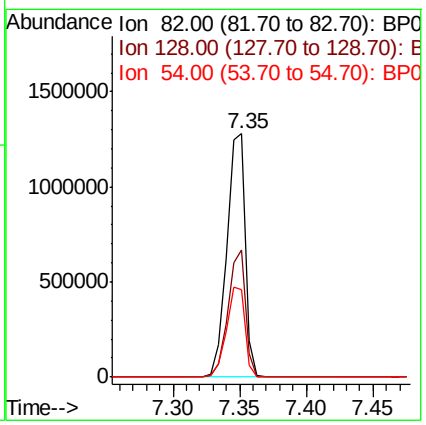


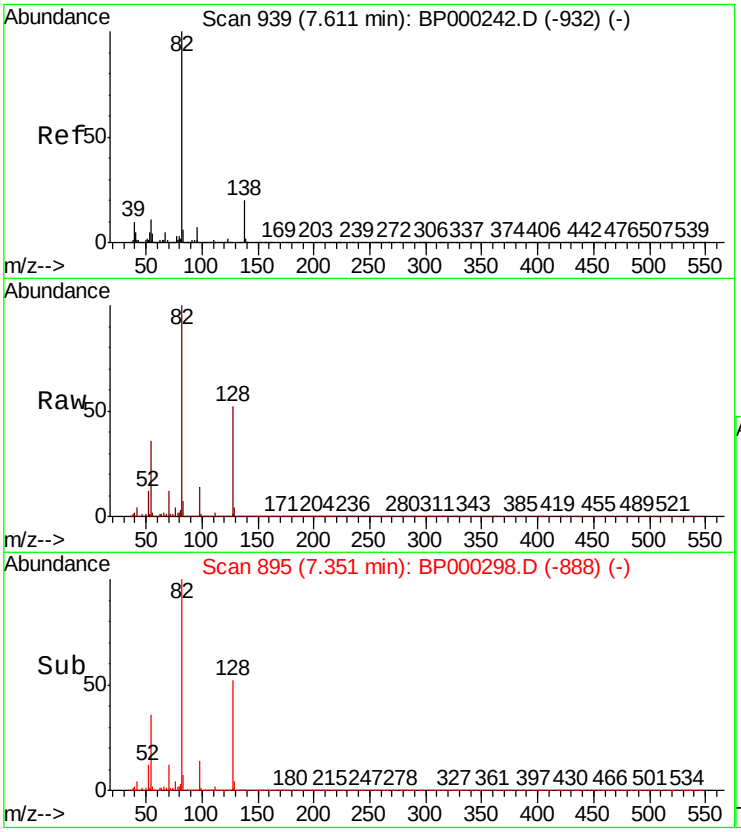


#23
Nitrobenzene-d5
Concen: 73.296 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion: 82 Resp: 1253804

Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.7	61.1
54	35.8	30.1	45.1



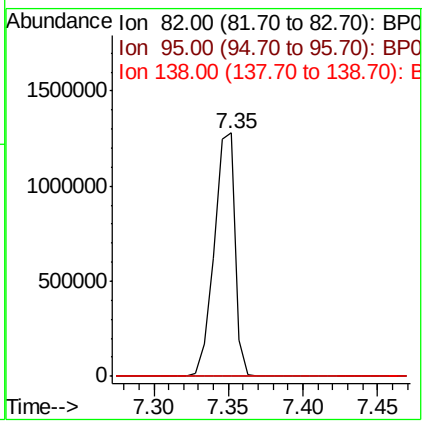


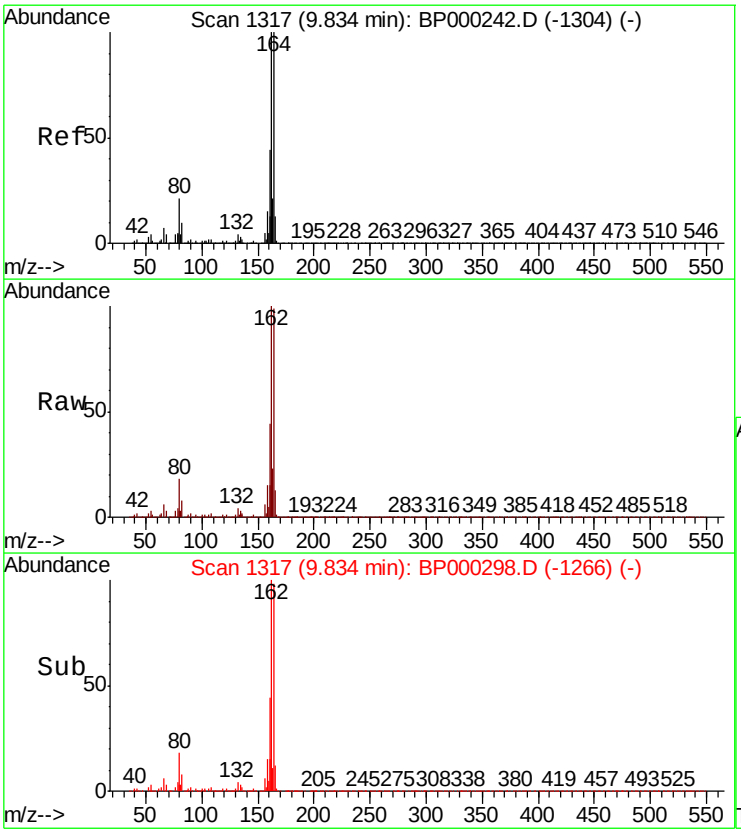
#25
Isophorone
Concen: 36.887 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1249434

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

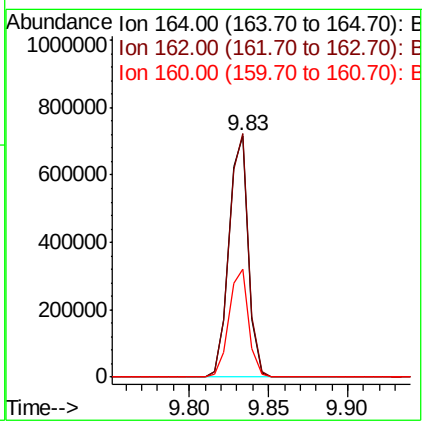


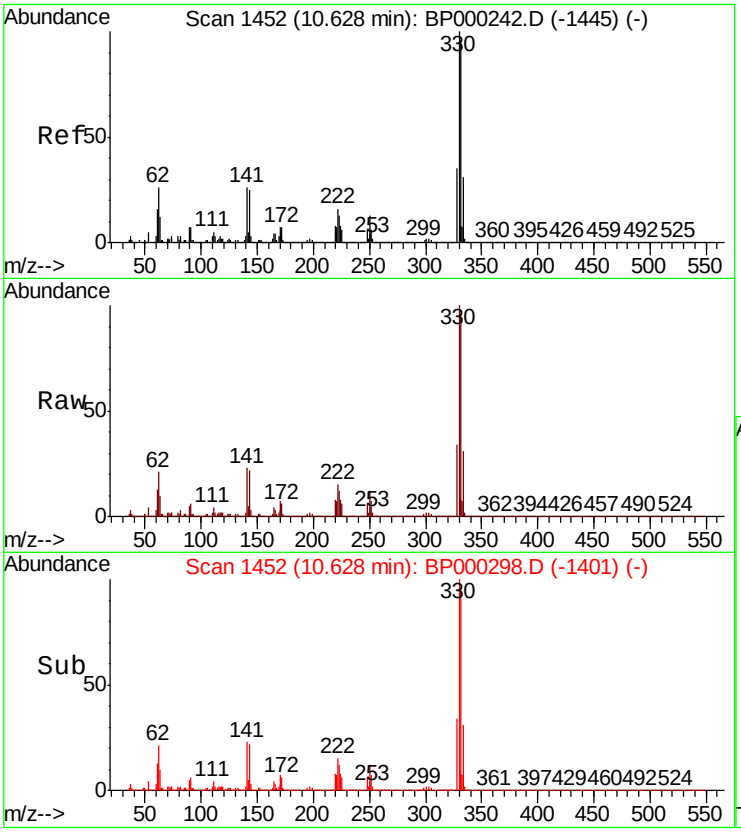


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:164 Resp: 606586

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.9	119.9
160	44.7	35.6	53.4



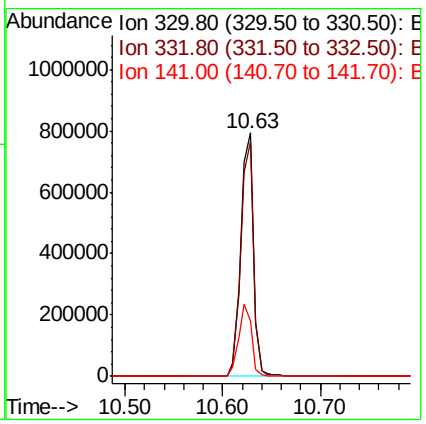


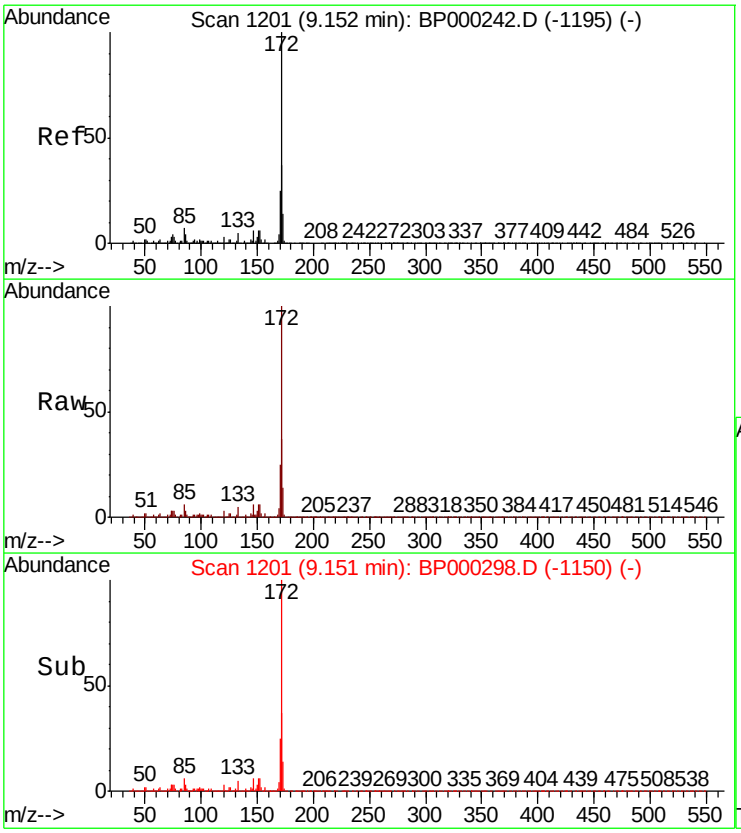
#42
2,4,6-Tribromophenol
Concen: 120.083 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 722479

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	30.2	26.5	39.7

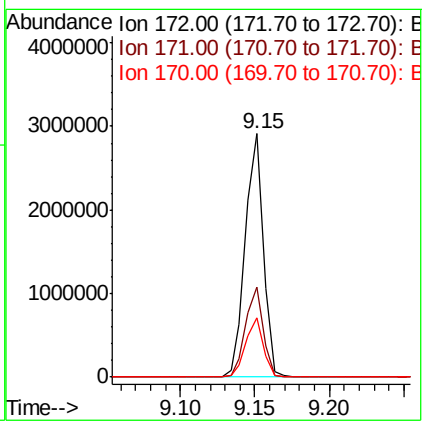


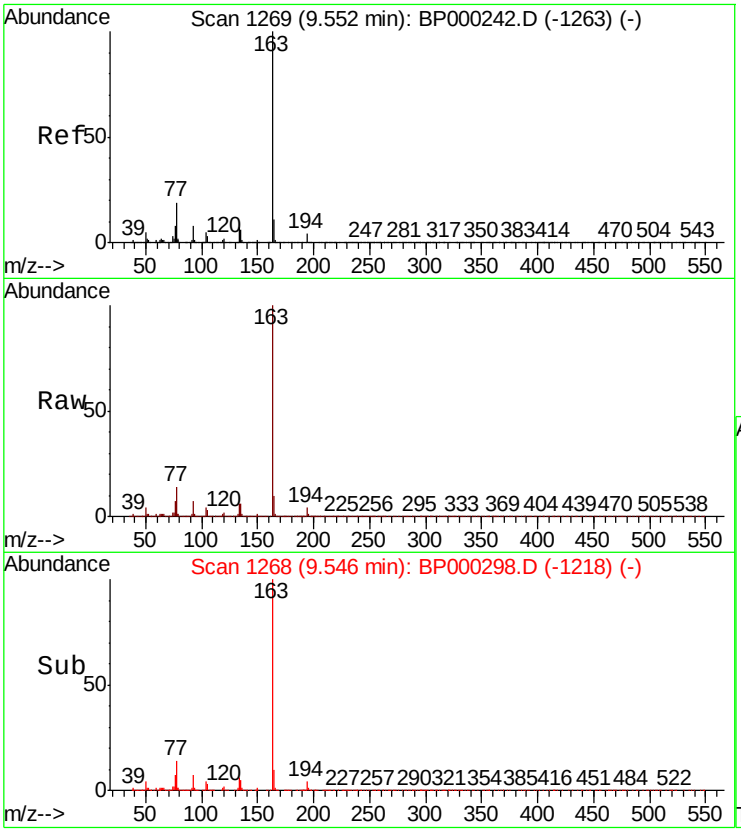


#45
2-Fluorobiphenyl
Concen: 72.305 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:172 Resp: 2436890

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.6	19.8	29.6



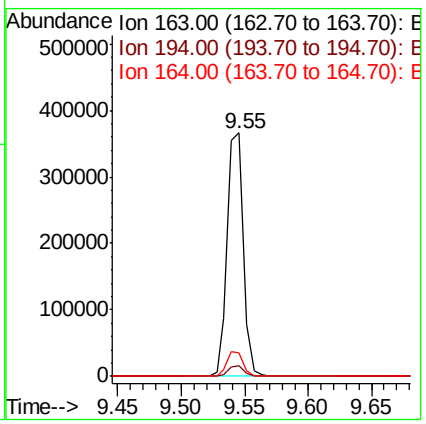


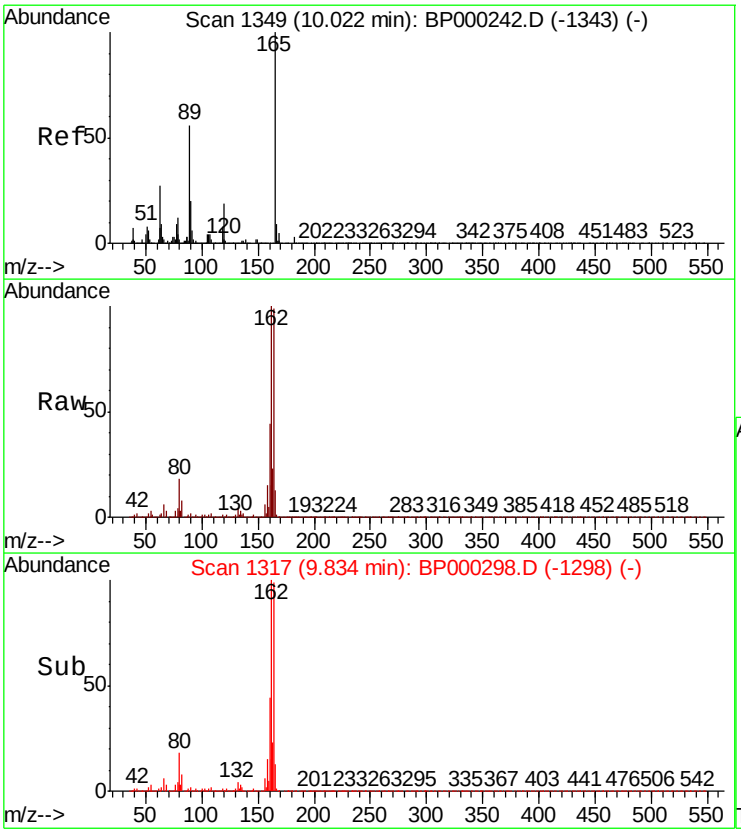
#50
Dimethylphthalate
Concen: 7.775 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 321305

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.8	8.5	12.7

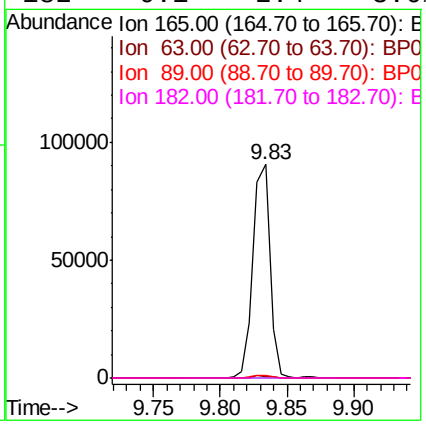


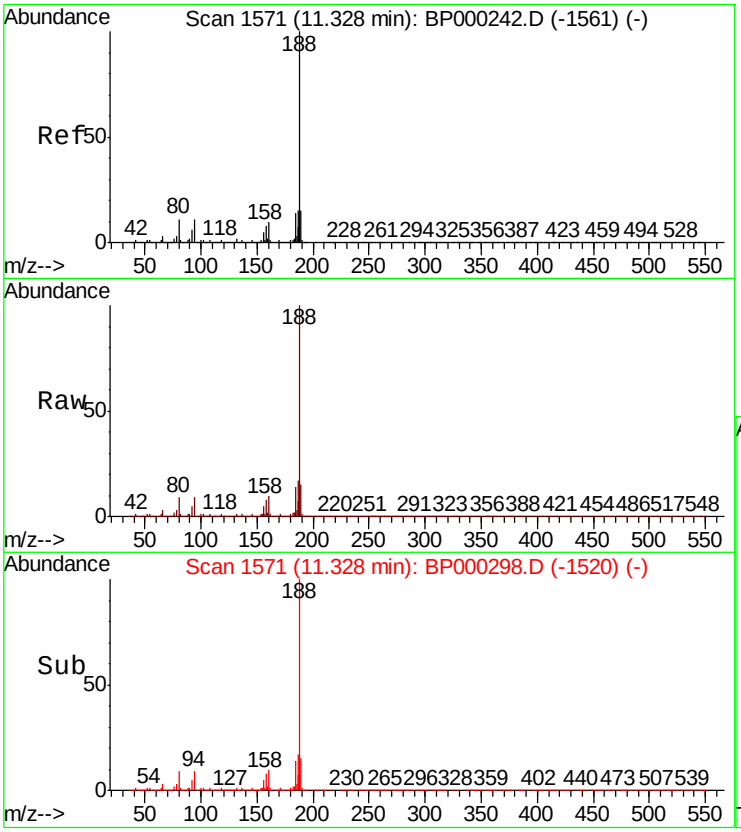


#57
2,4-Dinitrotoluene
Concen: 6.623 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:165 Resp: 78678

Ion	Ratio	Lower	Upper
165	100		
63	0.9	21.7	32.5#
89	1.2	45.0	67.6#
182	0.1	2.4	3.6#



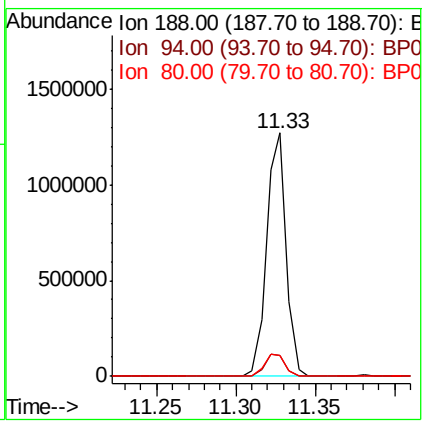


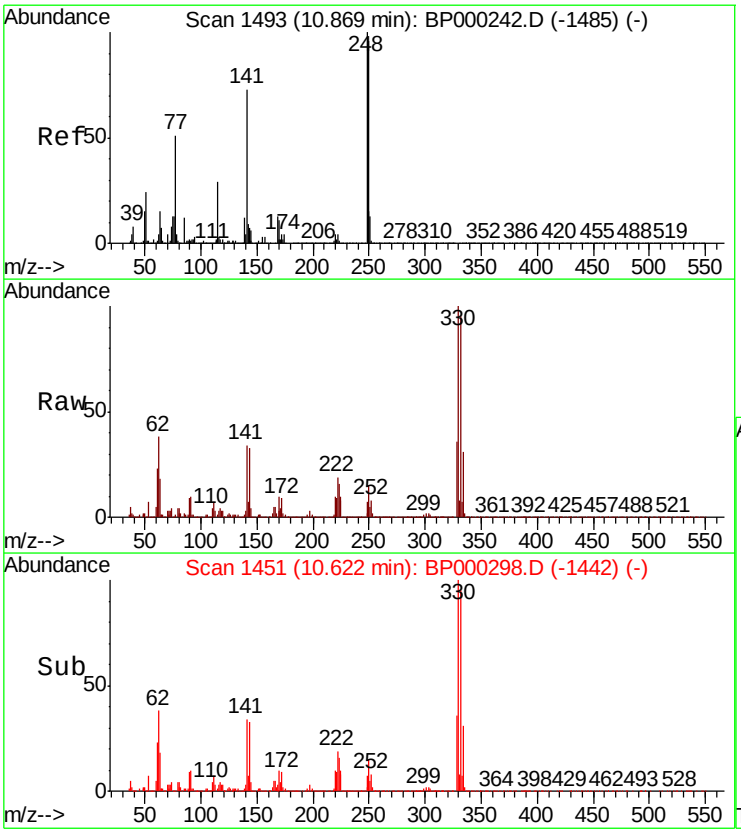
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1097984

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.7	8.6	13.0

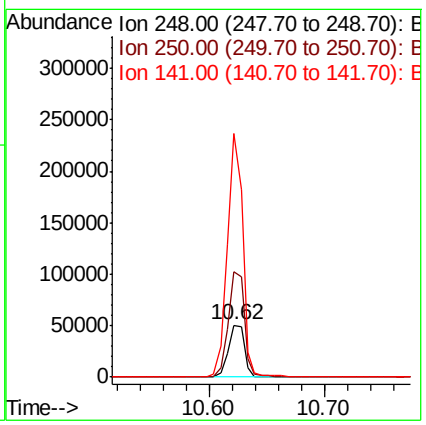


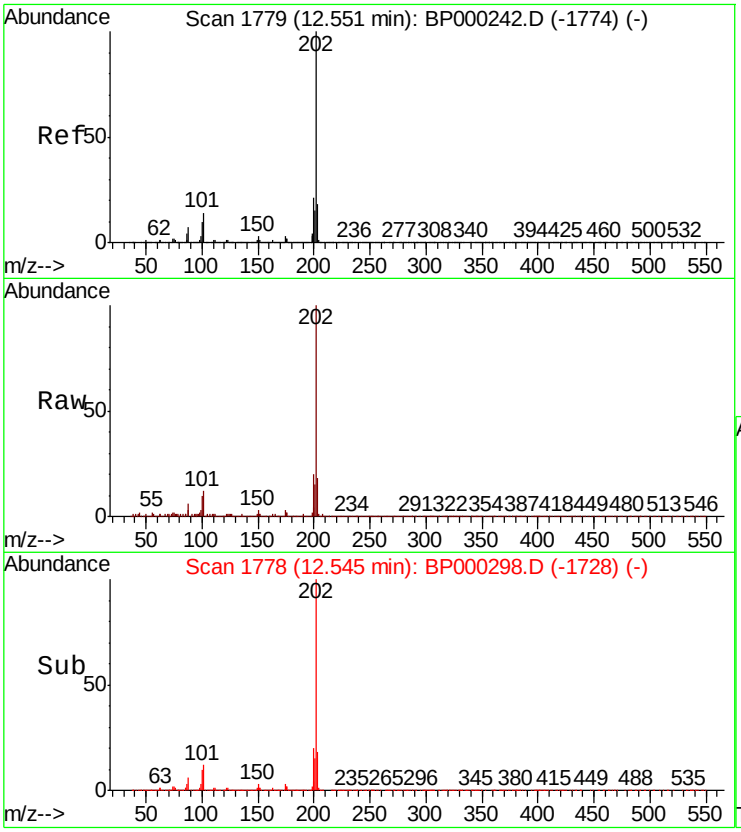


#67
4-Bromophenyl-phenylether
Concen: 3.970 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:248 Resp: 49294

Ion	Ratio	Lower	Upper
248	100		
250	202.3	77.0	115.4#
141	466.6	58.5	87.7#



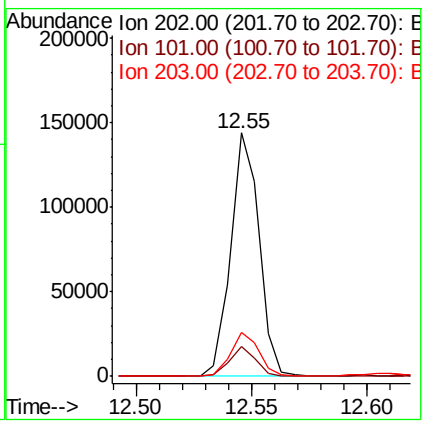


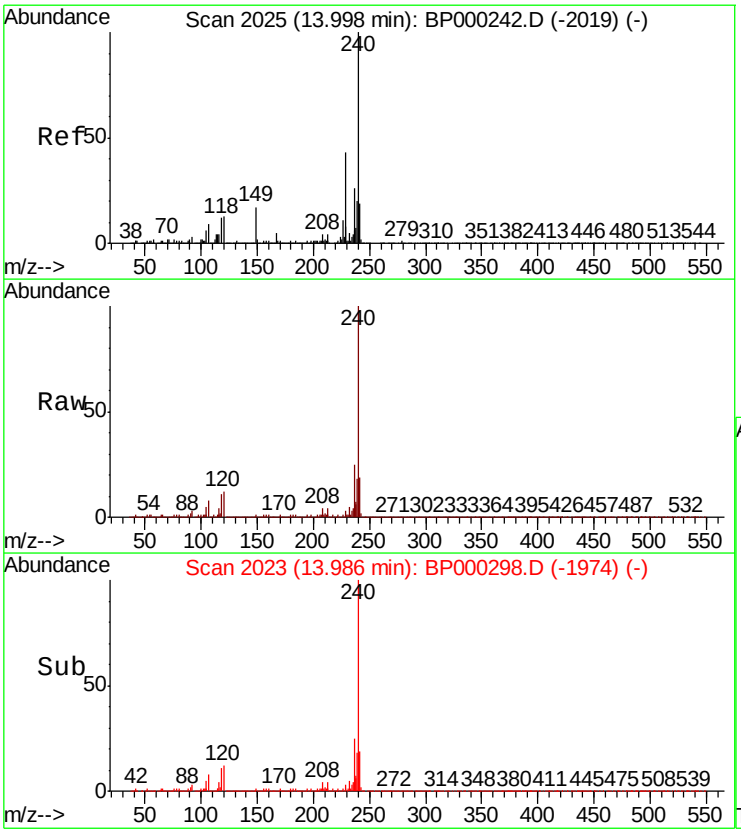
#75
Fluoranthene
Concen: 2.075 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 122596

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.9
203	17.9	0.0	38.0

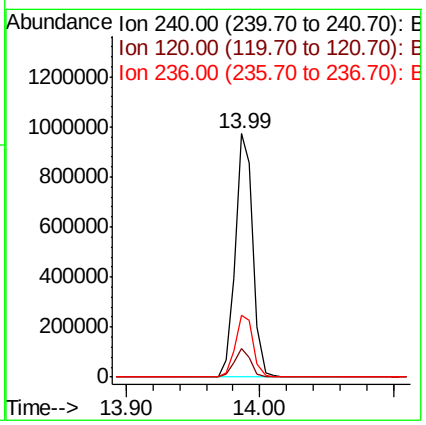


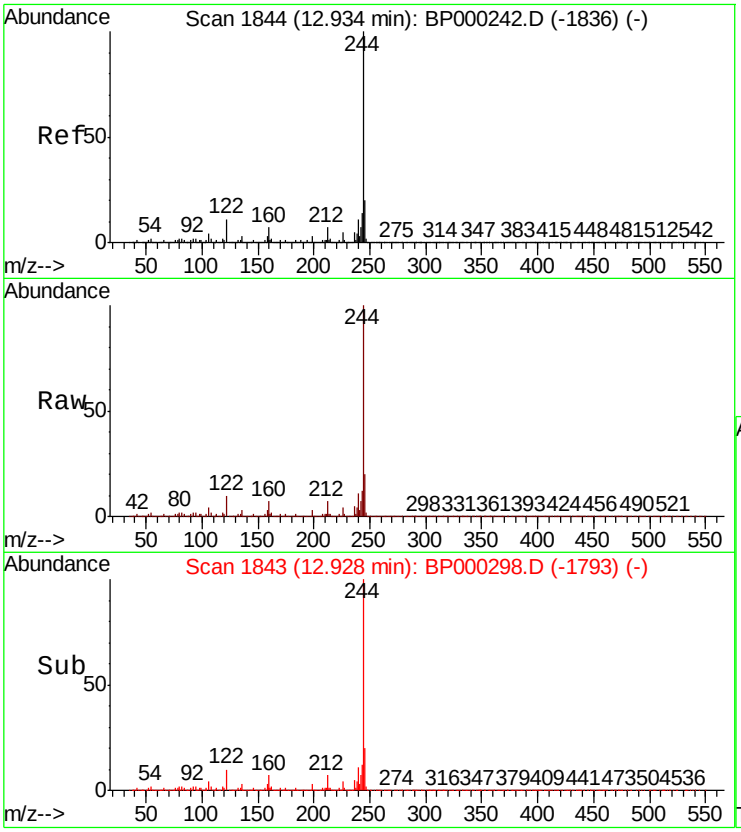


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:240 Resp: 891552

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.4	15.6
236	25.5	21.0	31.6



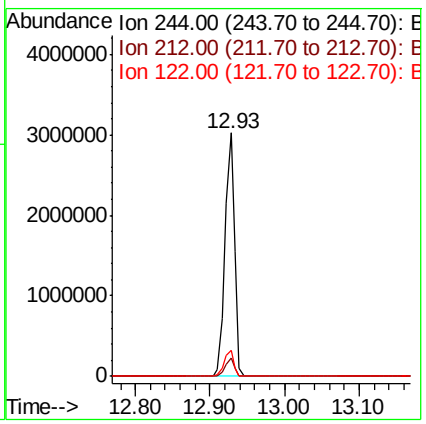


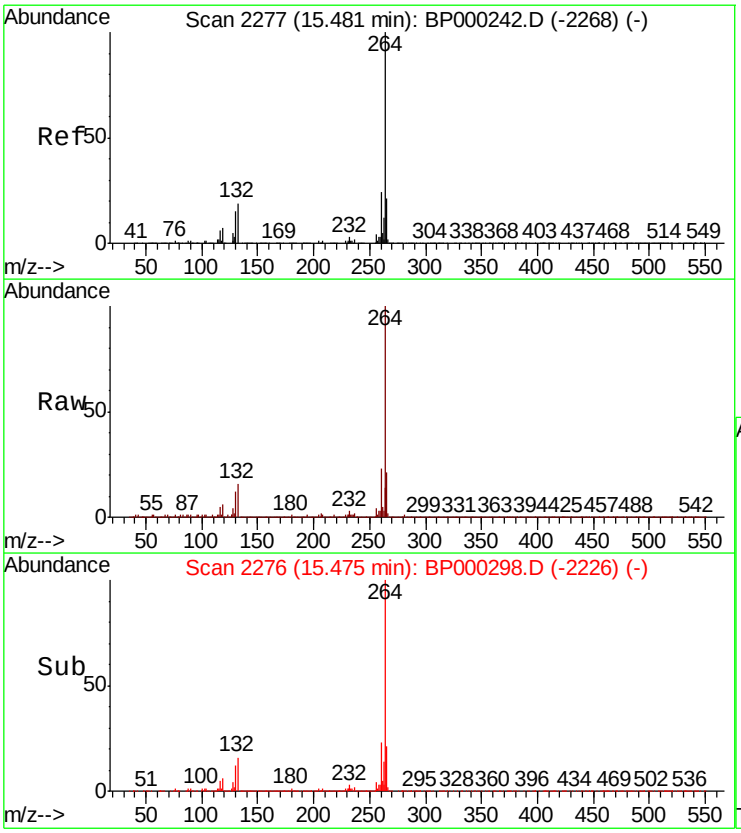
#79
Terphenyl-d14
Concen: 63.673 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2706019

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.4	9.0	13.4

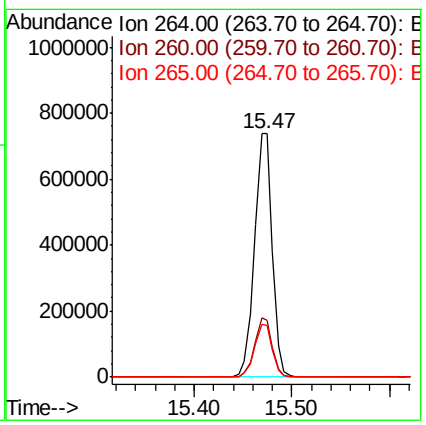


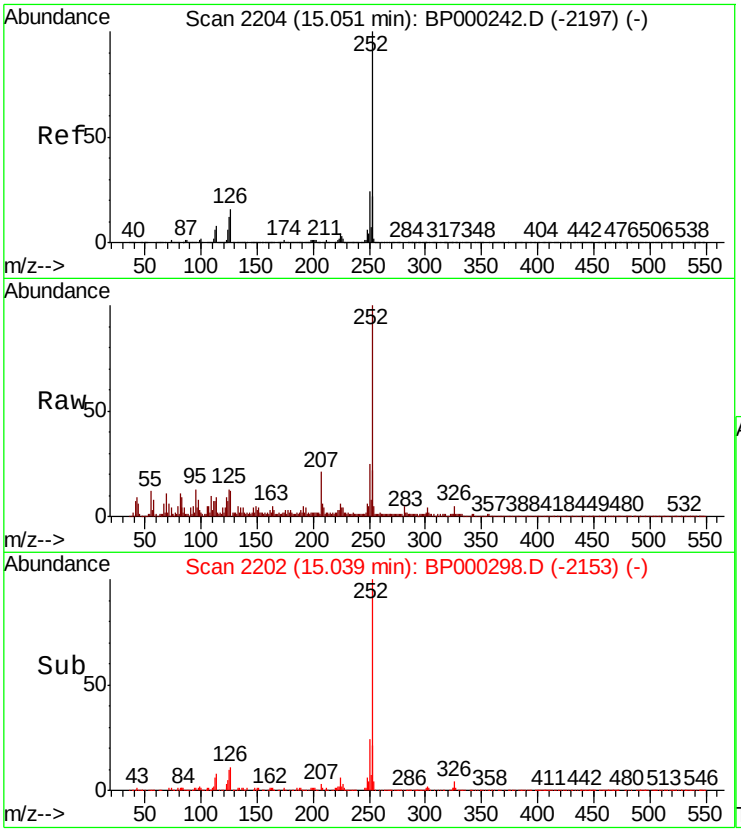


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:264 Resp: 950080

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.2	17.2	25.8



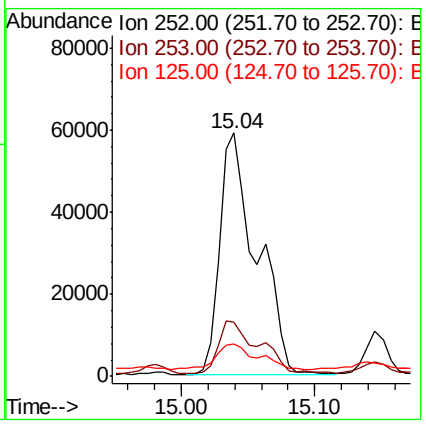


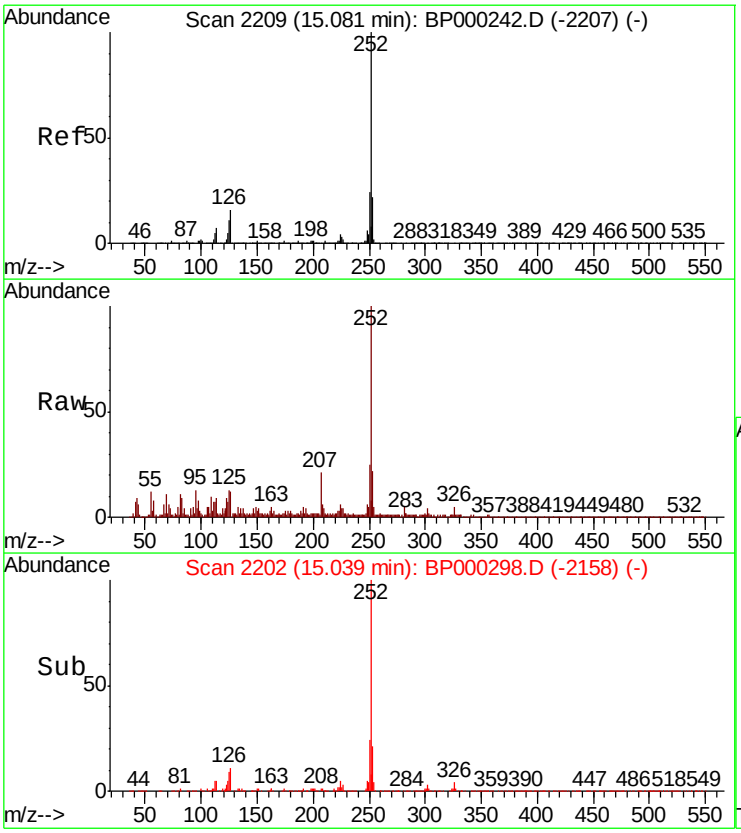
#88
Benzo(b)fluoranthene
Concen: 2.006 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 113725

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.3	9.5	14.3





#89
Benzo(k)fluoranthene
Concen: 2.300 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:252 Resp: 113725

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	13.3	9.6	14.4