Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000301.D
Acq On : 18 Sep 2019 16:49
Operator : HP/JU
Sample : K4938-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 19 03:19:23 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	280154	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1017302	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	575827	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1082692	20.00	ng		0.00
76) Chrysene-d12	13.99	240	924326	20.00	ng		0.00
87) Perylene-d12	15.47	264	966552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1747670	107.69	ng		0.01
7) Phenol-d6	6.43	99	2229507	112.08	ng		0.00
23) Nitrobenzene-d5	7.35	82	1274456	80.83	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	798703	139.84	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2783899	87.01	ng		0.00
79) Terphenyl-d14	12.93	244	3518744	79.86	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	37800	Below Cal			84
10) Phenol	6.44	94	57743	2.555	ng		97
19) n-Nitroso-di-n-propylamine	7.35	70	157986	15.021	ng	#	75
25) Isophorone	7.35	82	1274093	40.808	ng	#	63
50) Dimethylphthalate	9.55	163	287739	7.334	ng		98
57) 2,4-Dinitrotoluene	9.83	165	74416	6.599	ng	#	35
67) 4-Bromophenyl-phenylether	10.63	248	54610	4.460	ng	#	1
69) Atrazine	11.03	200	50	Below Cal		#	1
75) Fluoranthene	12.55	202	214625	3.684	ng		97
78) Pyrene	12.78	202	197926	2.862	ng		99
88) Benzo(b)fluoranthene	15.04	252	165167	2.864	ng		98
89) Benzo(k)fluoranthene	15.04	252	165167	3.284	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
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Acq On : 18 Sep 2019 16:49
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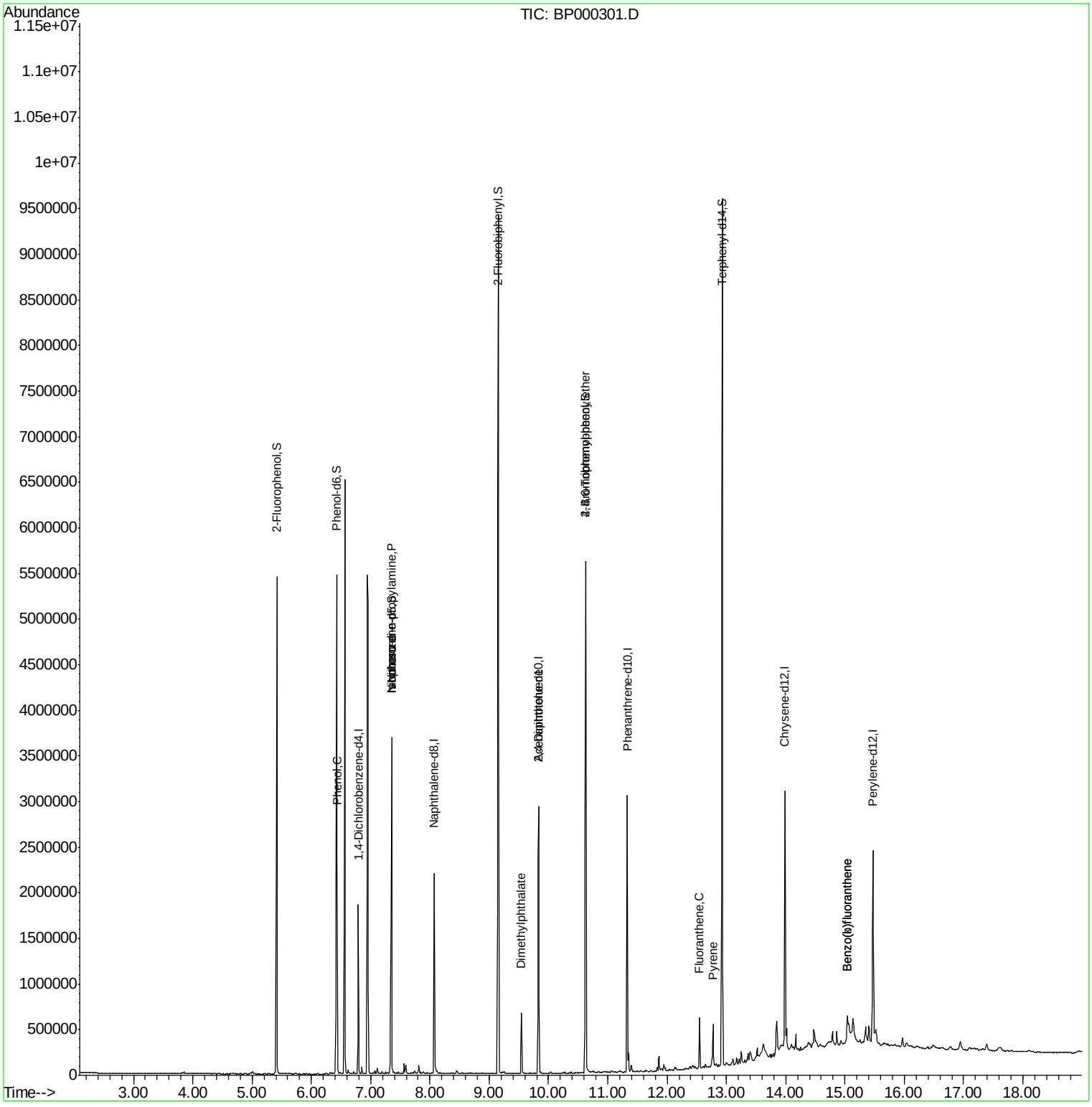
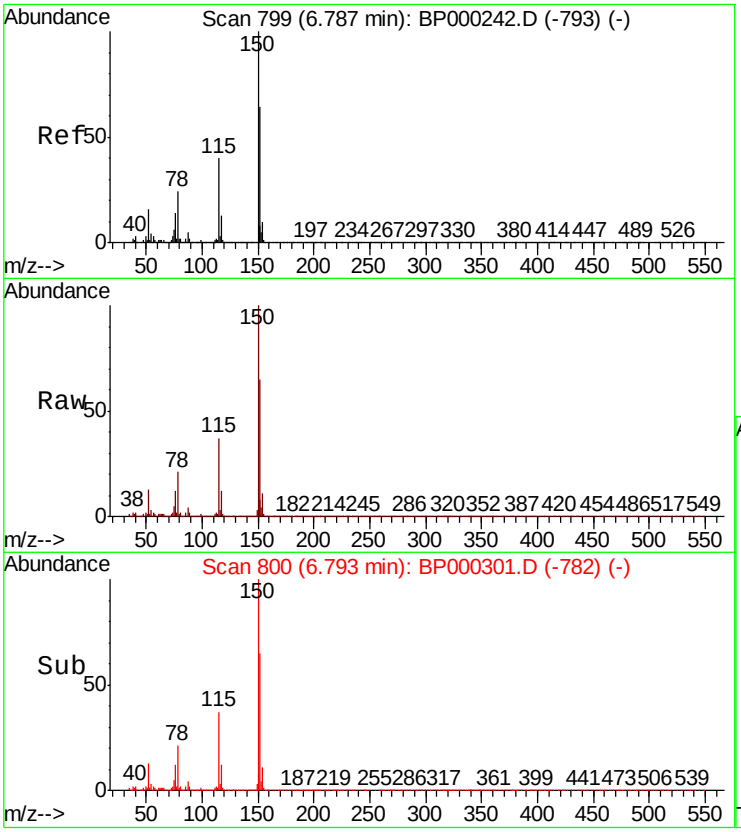
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 19 03:19:23 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



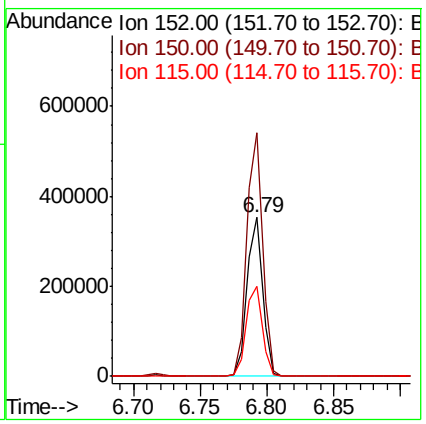


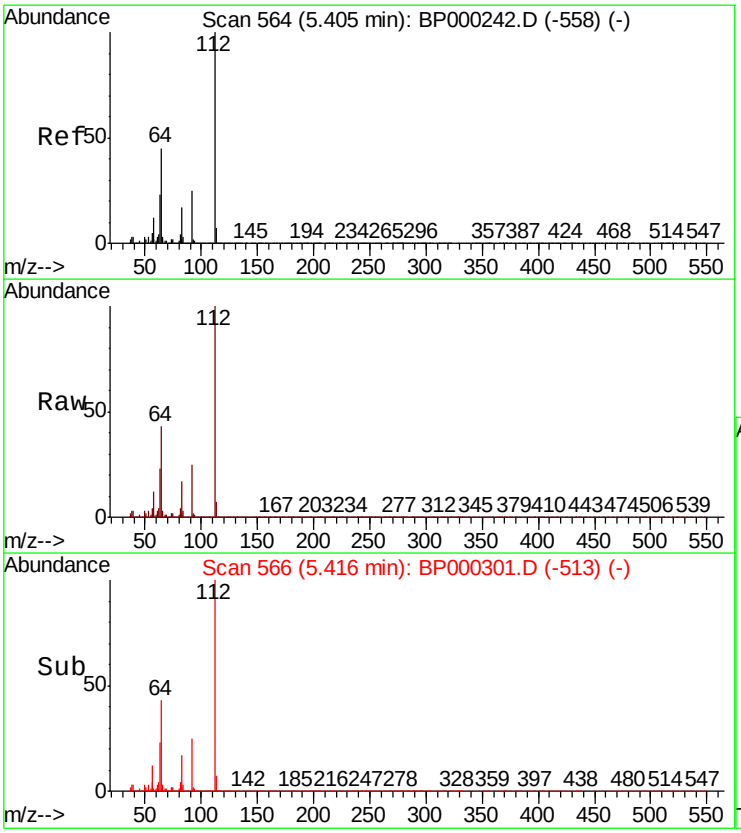
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 280154

Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.2	187.8
115	57.0	49.7	74.5

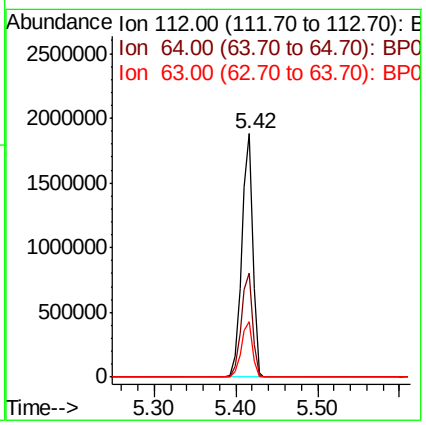


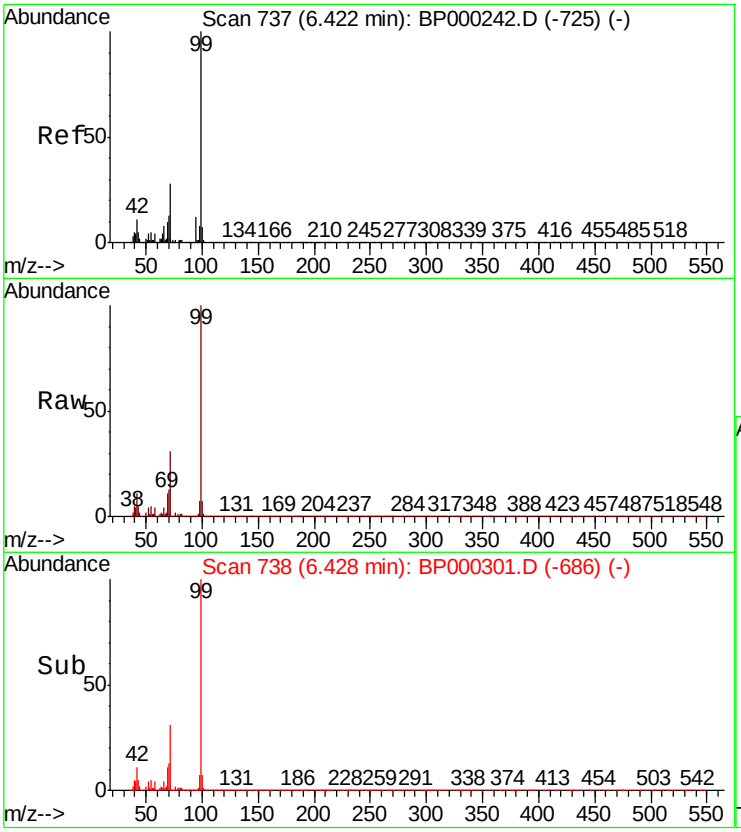


#5
2-Fluorophenol
Concen: 107.694 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion:112 Resp: 1747670

Ion	Ratio	Lower	Upper
112	100		
64	42.9	36.2	54.4
63	22.6	18.3	27.5



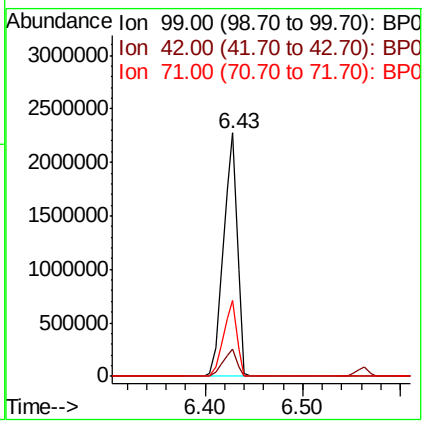


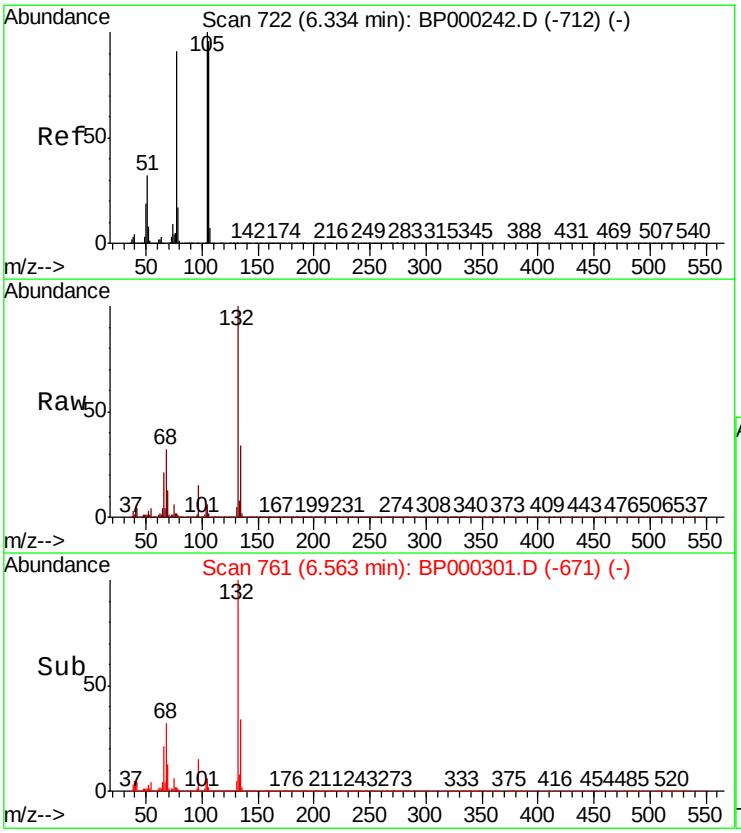
#7
Phenol-d6
Concen: 112.079 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2229507

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.5	12.7
71	31.2	22.6	34.0

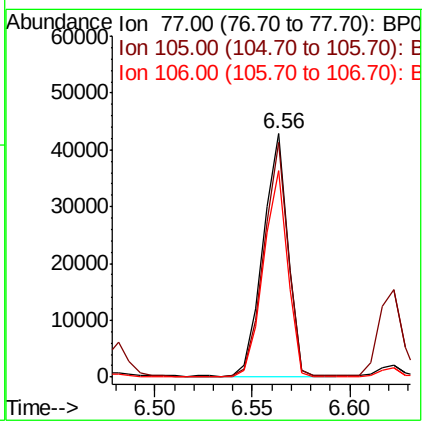


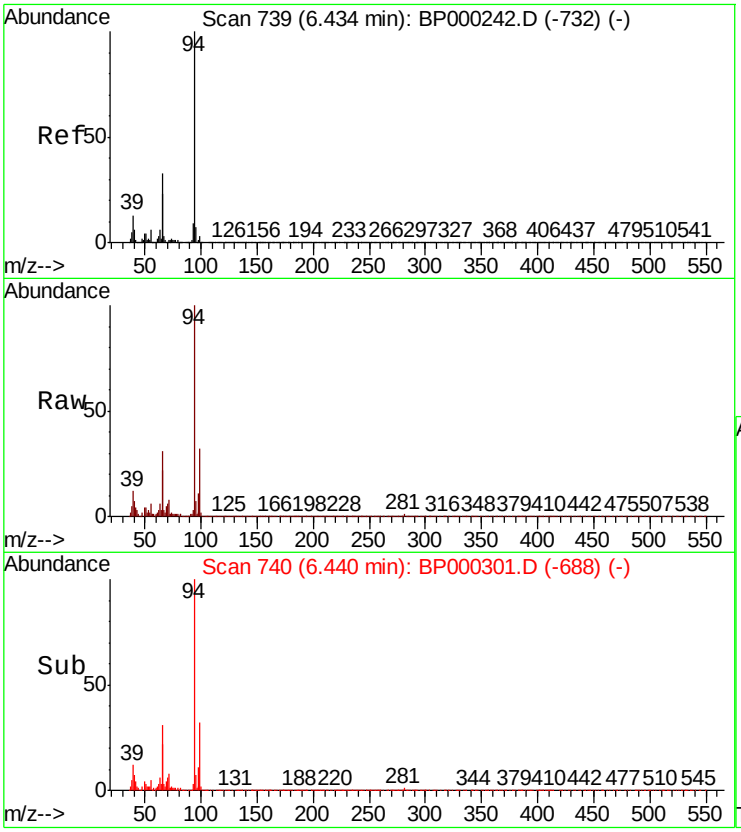


#9
Benzaldehyde
Concen: Below Cal
RT: 6.56 min Scan# 761
Delta R.T. 0.23 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion: 77 Resp: 37800

Ion	Ratio	Lower	Upper
77	100		
105	96.3	89.6	129.6
106	84.8	84.6	124.6



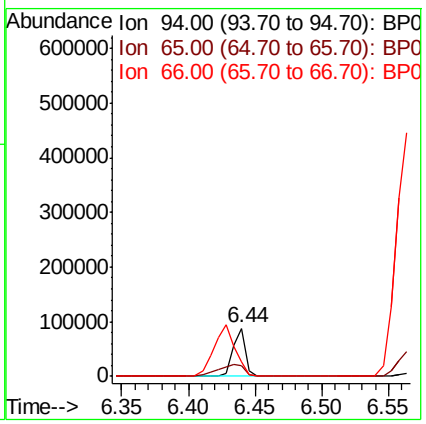


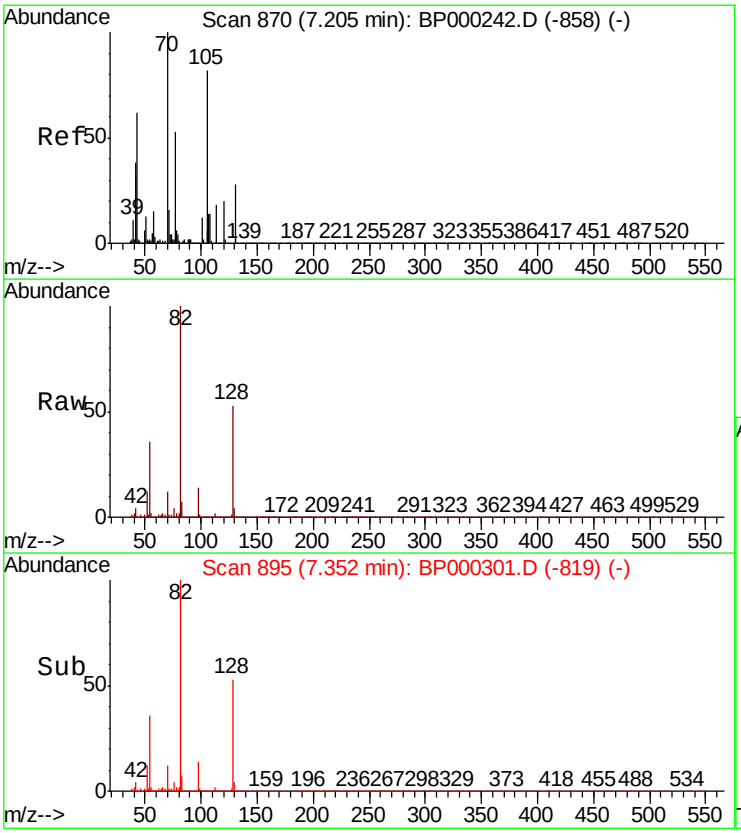
#10
Phenol
Concen: 2.555 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 57743

Ion	Ratio	Lower	Upper
94	100		
65	22.3	3.3	43.3
66	31.0	12.7	52.7

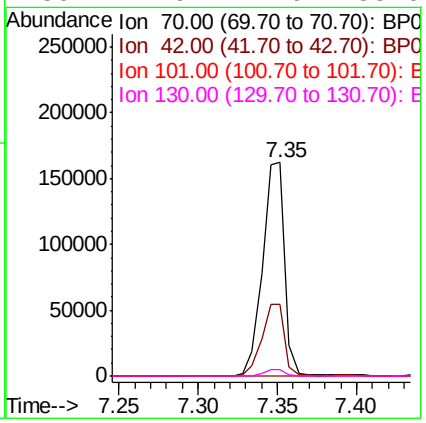


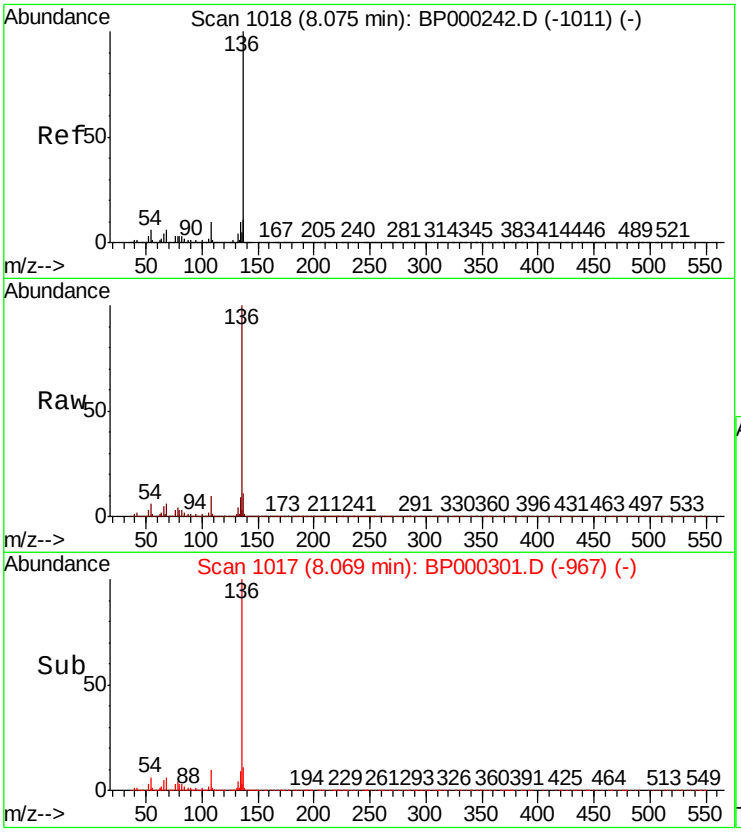


#19
n-Nitroso-di-n-propylamine
Concen: 15.021 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion: 70 Resp: 157986

Ion	Ratio	Lower	Upper
70	100		
42	33.4	30.7	46.1
101	0.0	9.6	14.4#
130	2.9	22.0	33.0#



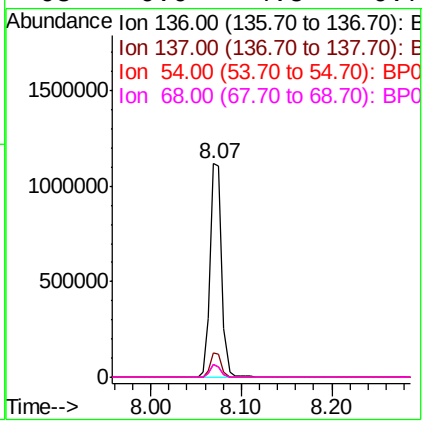


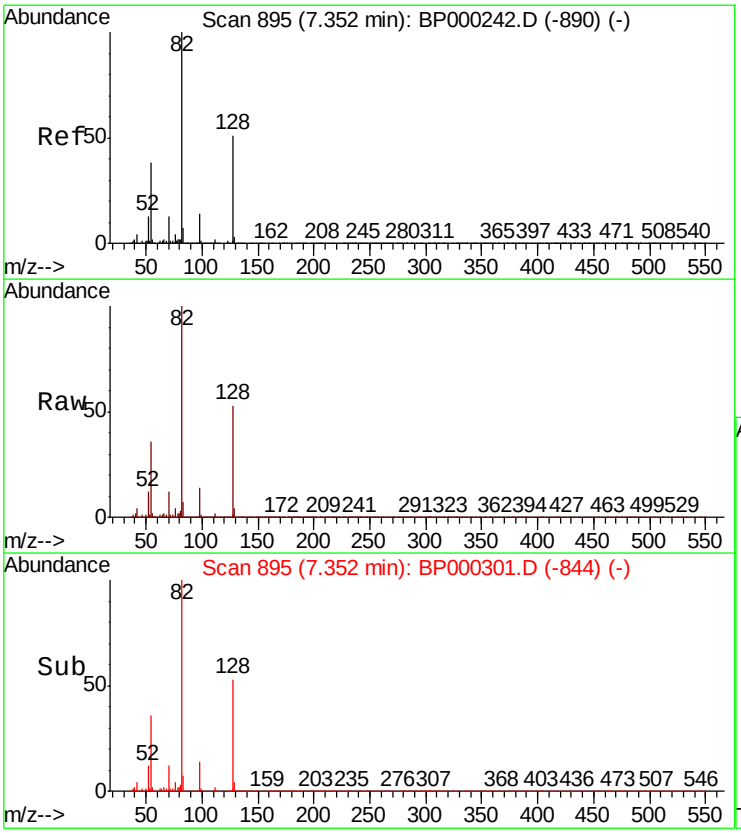
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1017302

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.0	4.5	6.7
68	6.0	4.5	6.7

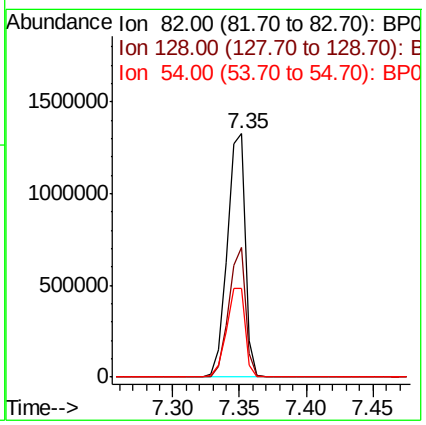


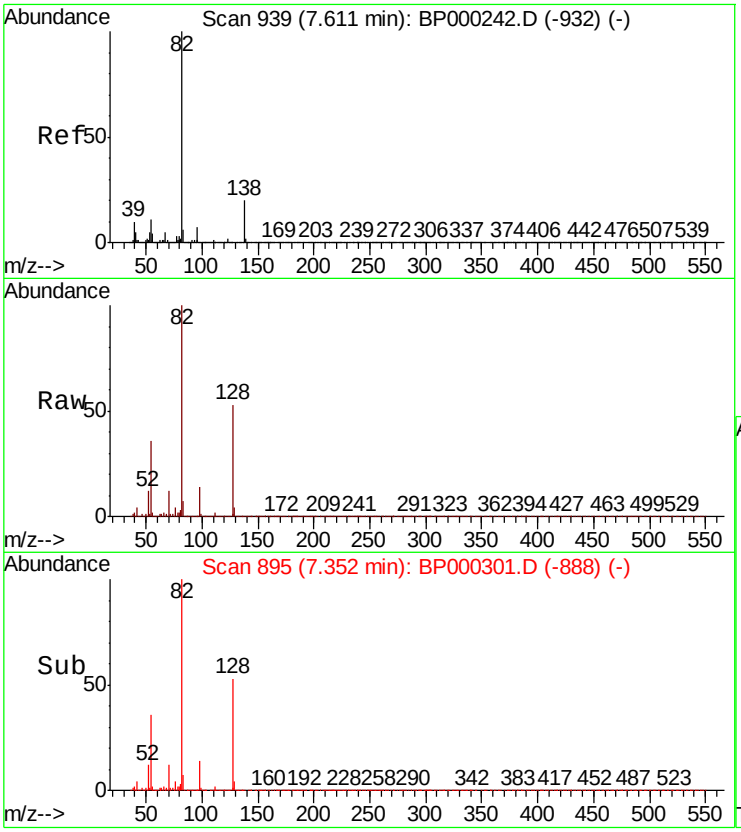


#23
Nitrobenzene-d5
Concen: 80.829 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion: 82 Resp: 1274456

Ion	Ratio	Lower	Upper
82	100		
128	53.4	40.7	61.1
54	36.3	30.1	45.1



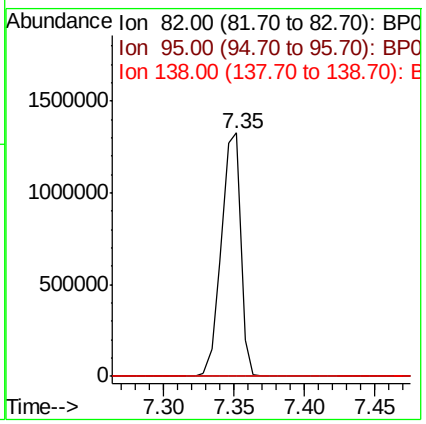


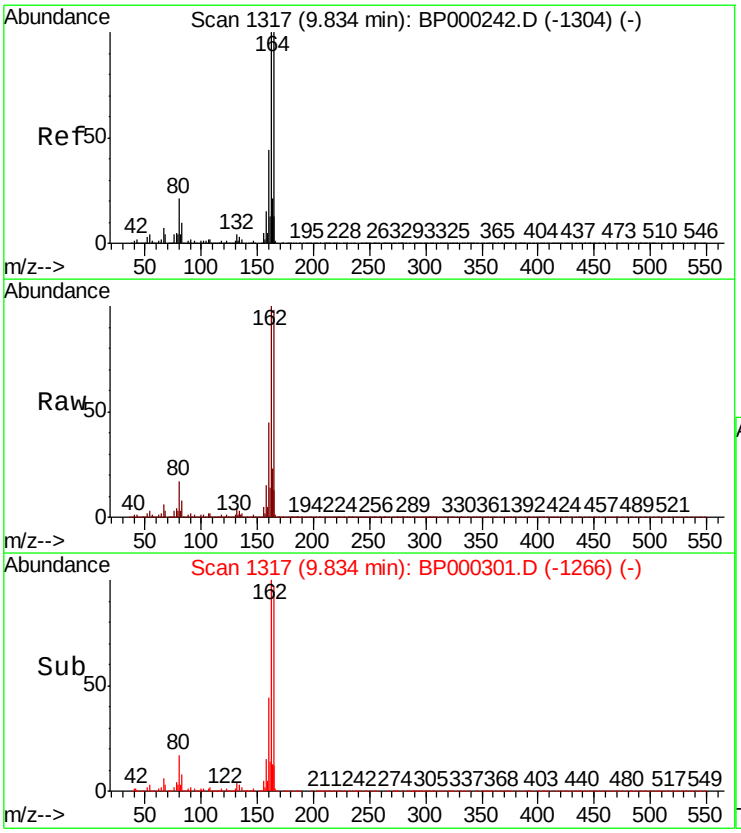
#25
Isophorone
Concen: 40.808 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1274093

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

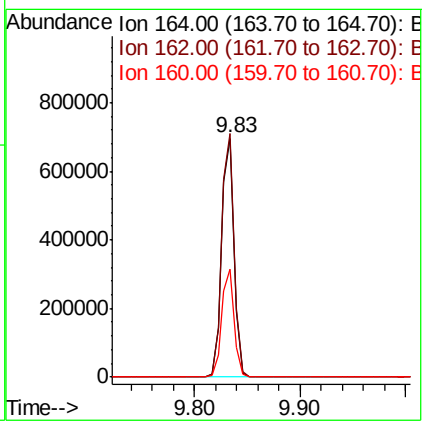


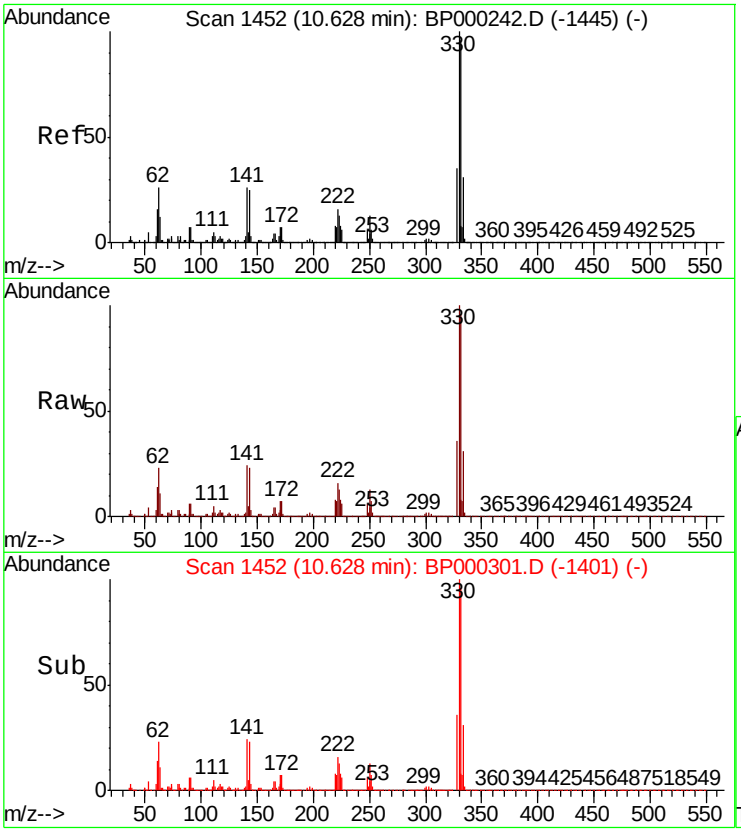


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion:164 Resp: 575827

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.9	119.9
160	45.4	35.6	53.4



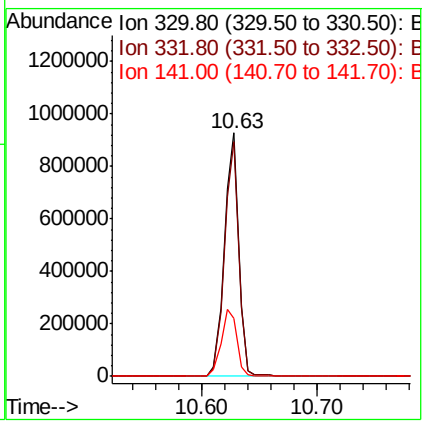


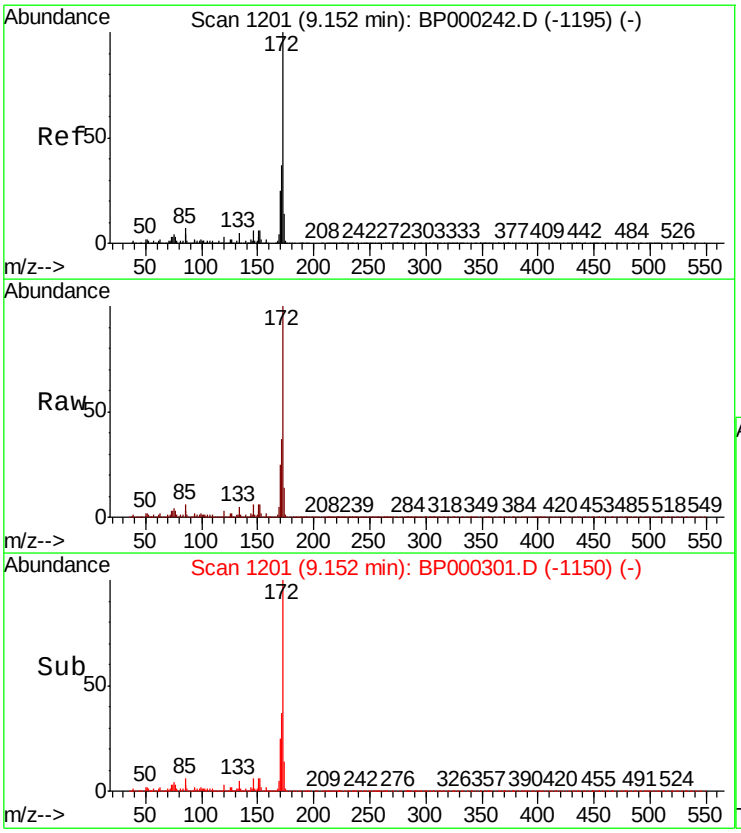
#42
2,4,6-Tribromophenol
Concen: 139.843 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 798703

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	30.0	26.5	39.7

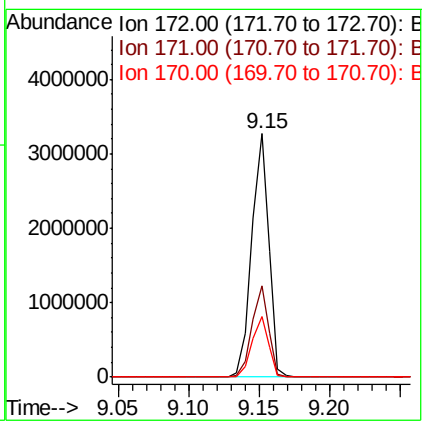


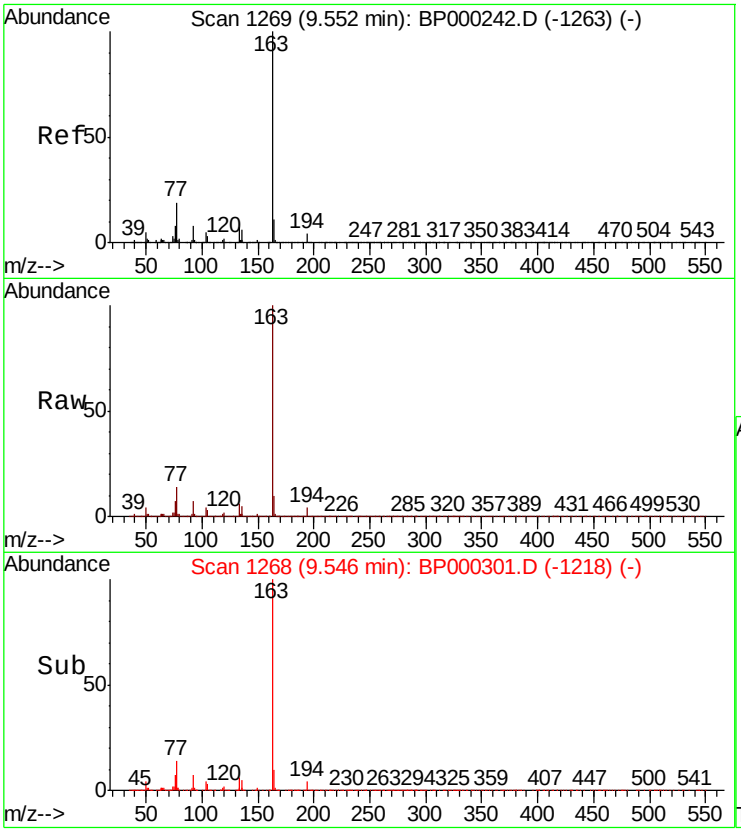


#45
2-Fluorobiphenyl
Concen: 87.014 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion:172 Resp: 2783899

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.9	19.8	29.6



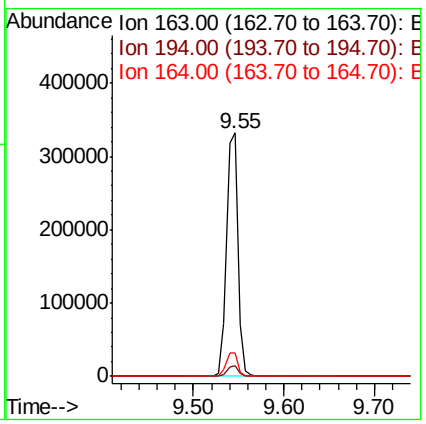


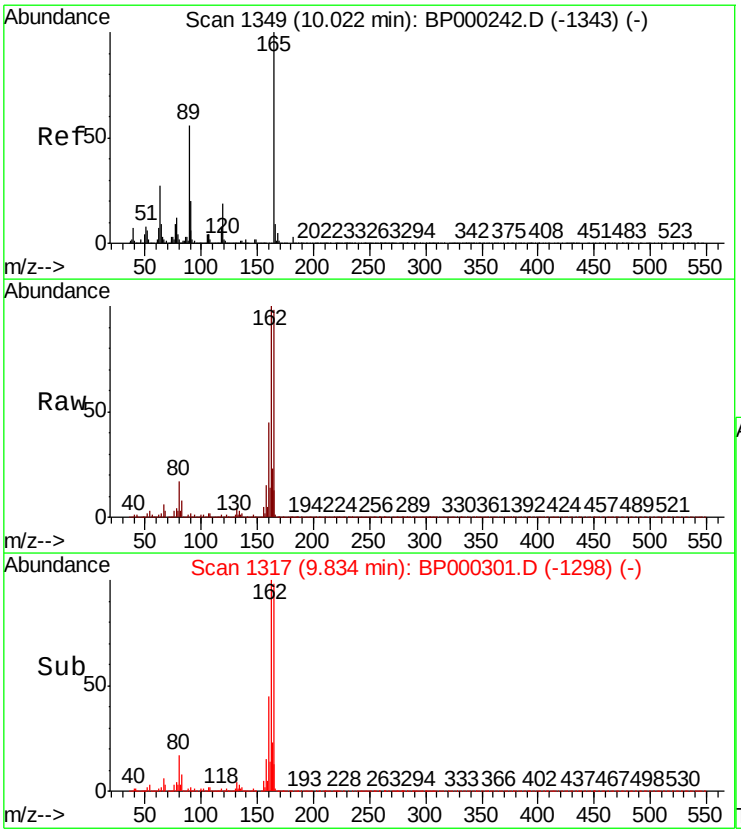
#50
Dimethylphthalate
Concen: 7.334 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 287739

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.6	8.5	12.7

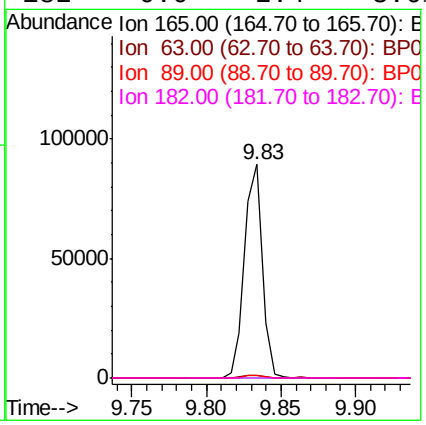


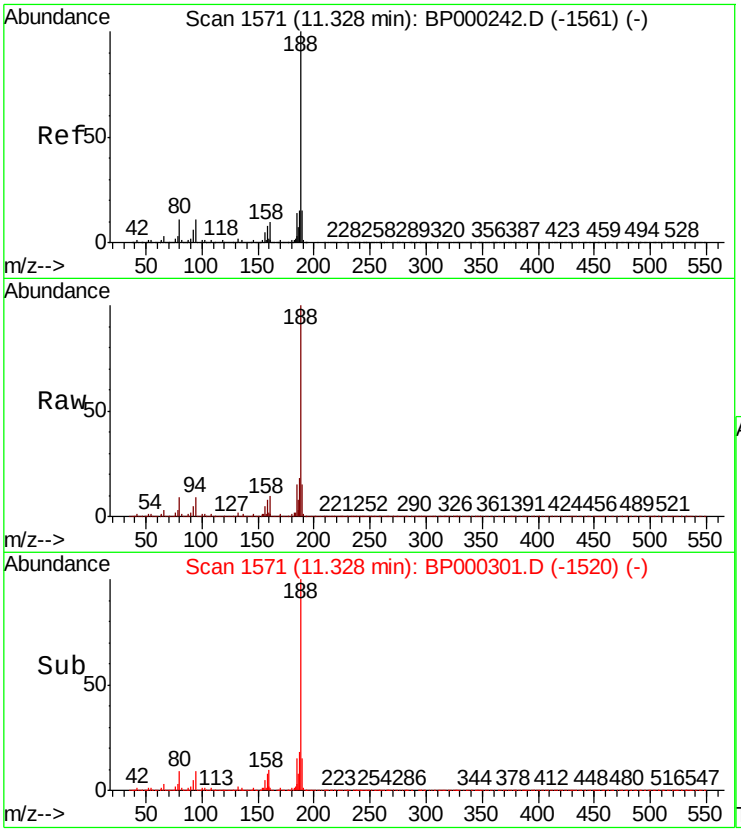


#57
2,4-Dinitrotoluene
Concen: 6.599 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion:165 Resp: 74416

Ion	Ratio	Lower	Upper
165	100		
63	1.1	21.7	32.5#
89	1.3	45.0	67.6#
182	0.0	2.4	3.6#



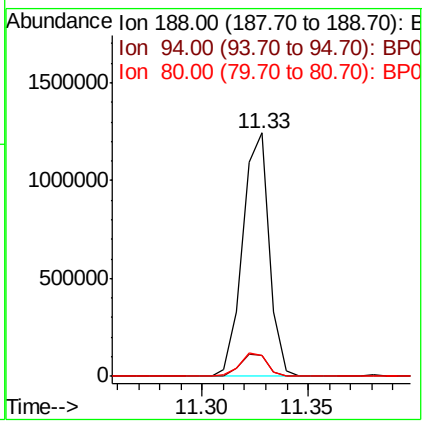


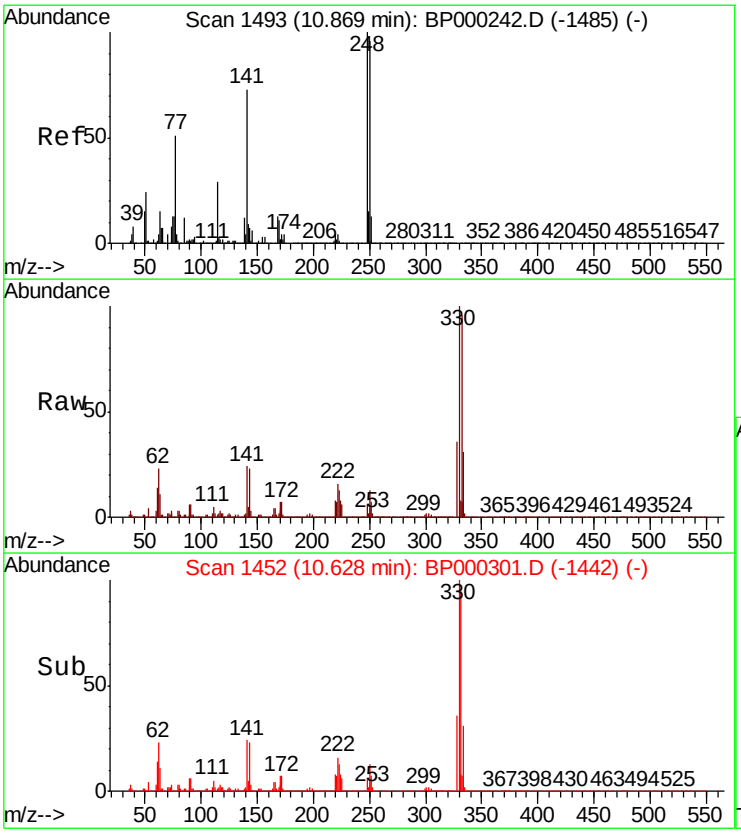
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1082692

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

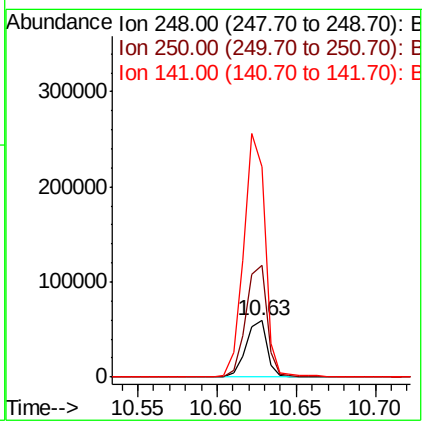


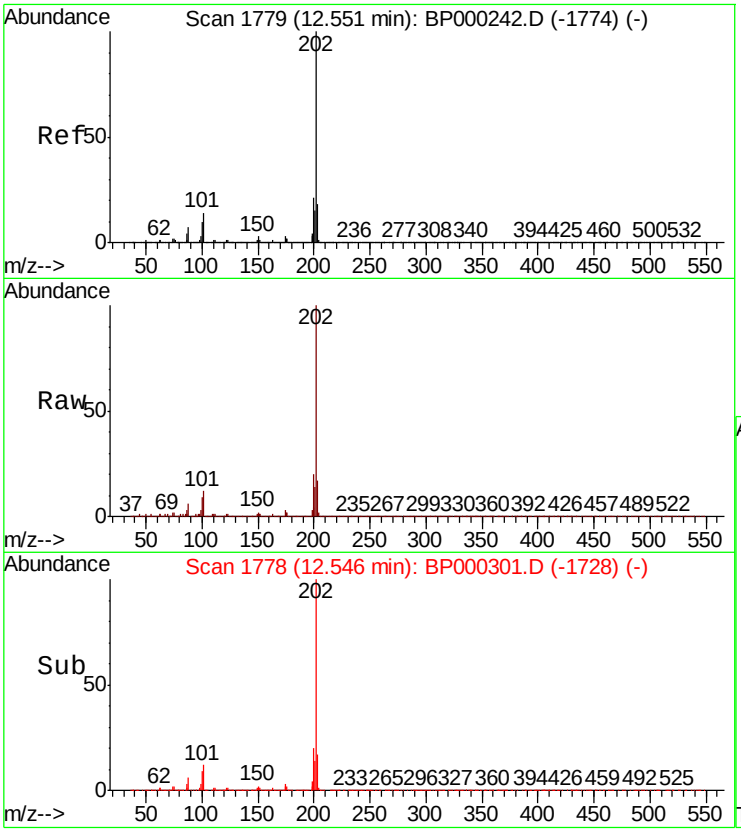


#67
4-Bromophenyl-phenylether
Concen: 4.460 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion:248 Resp: 54610

Ion	Ratio	Lower	Upper
248	100		
250	198.6	77.0	115.4#
141	374.0	58.5	87.7#



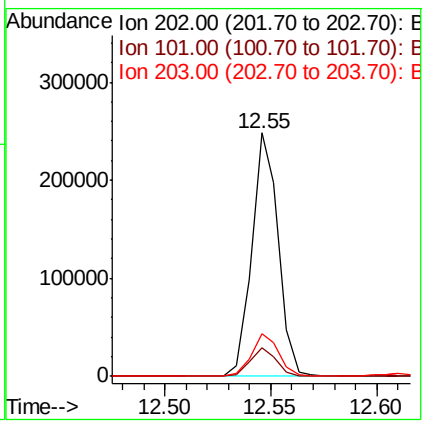


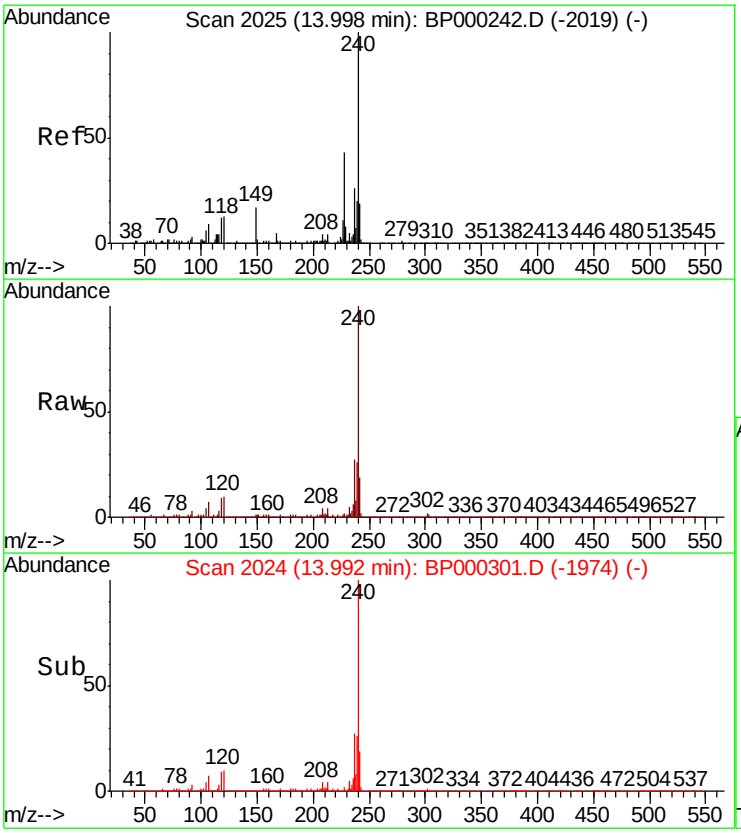
#75
Fluoranthene
Concen: 3.684 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 214625

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.9
203	17.5	0.0	38.0

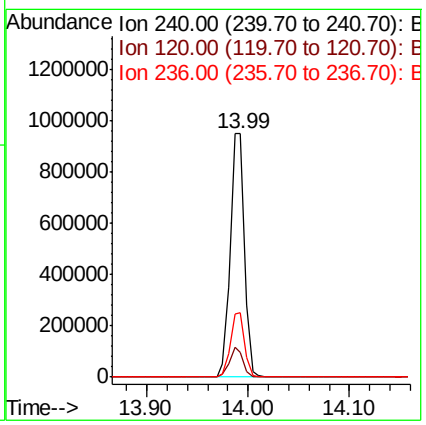


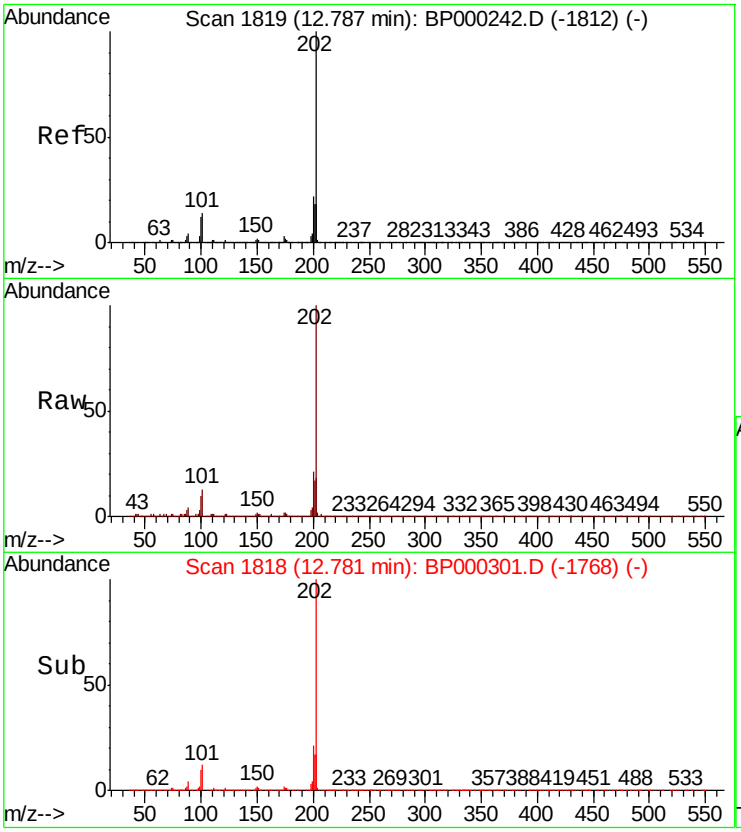


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion:240 Resp: 924326

Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.4	15.6#
236	26.6	21.0	31.6



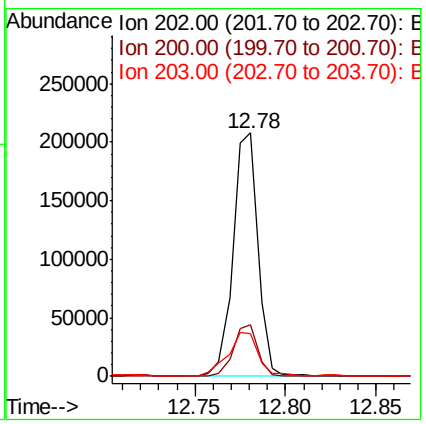


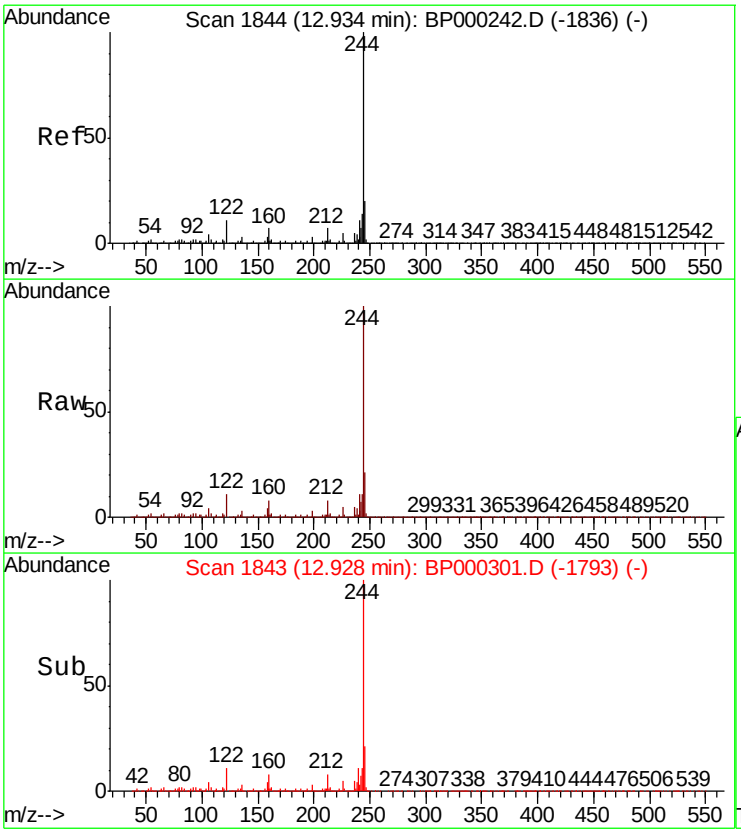
#78
Pyrene
Concen: 2.862 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 197926

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	17.7	14.3	21.5

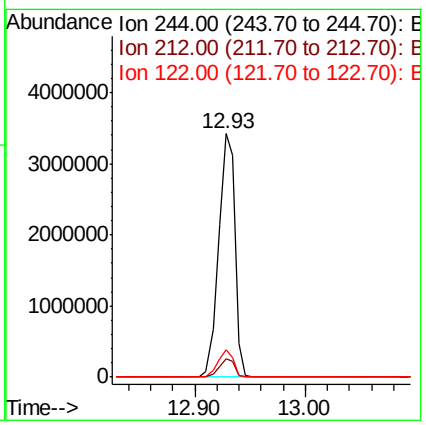


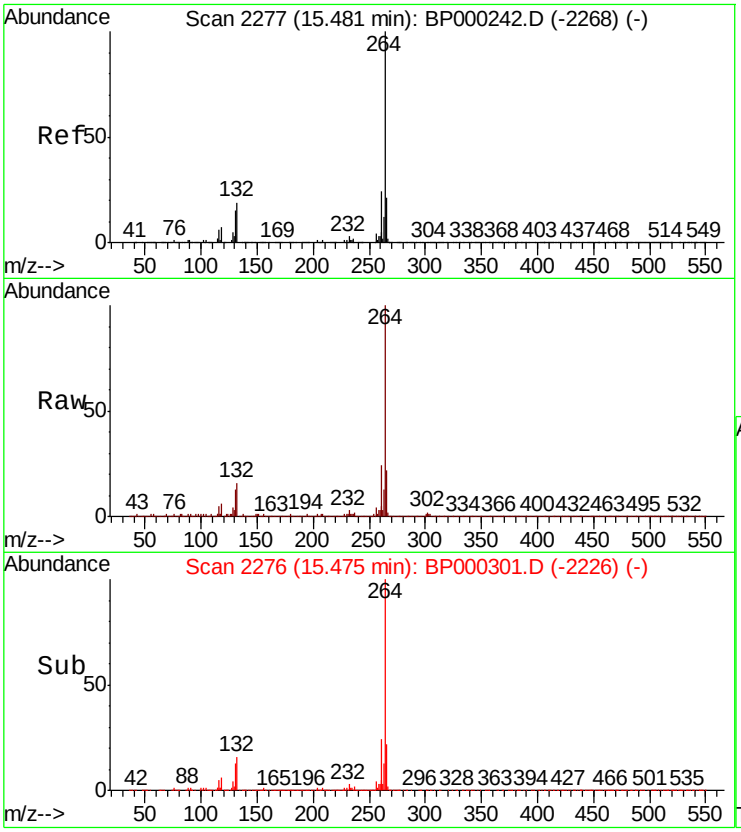


#79
Terphenyl-d14
Concen: 79.861 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion:244 Resp: 3518744

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	11.3	9.0	13.4



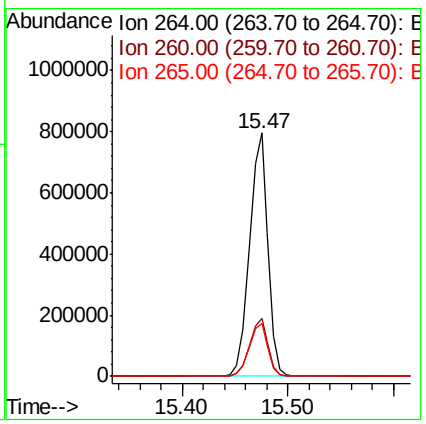


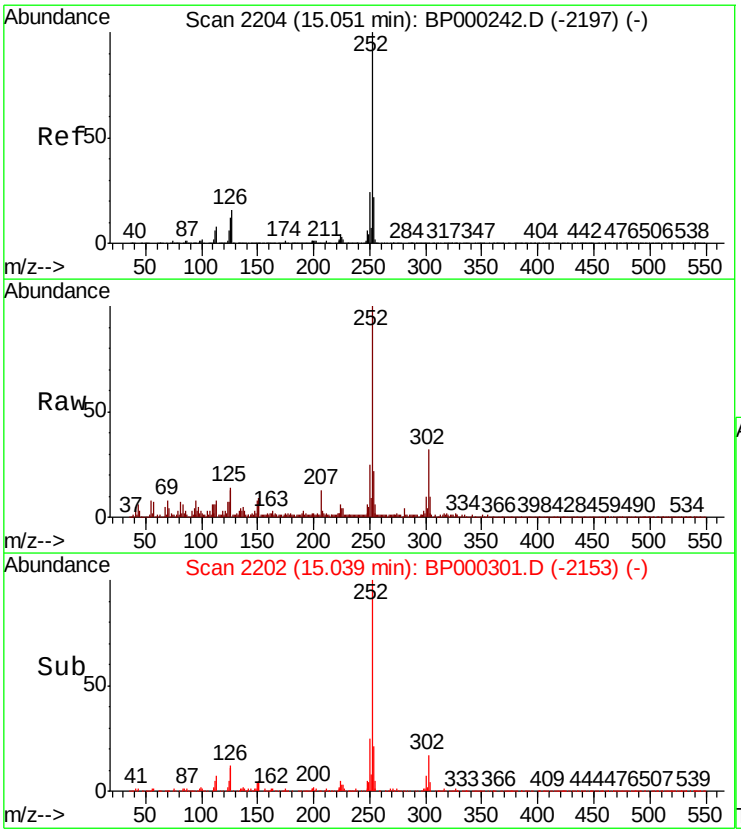
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 966552

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.9	17.2	25.8

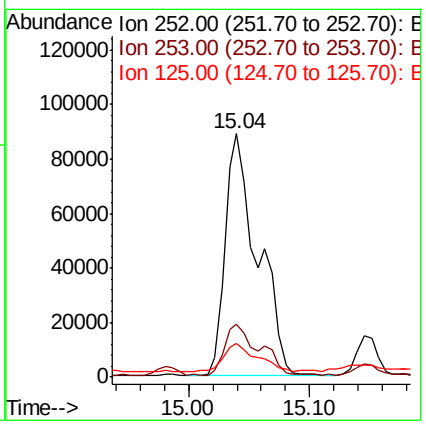


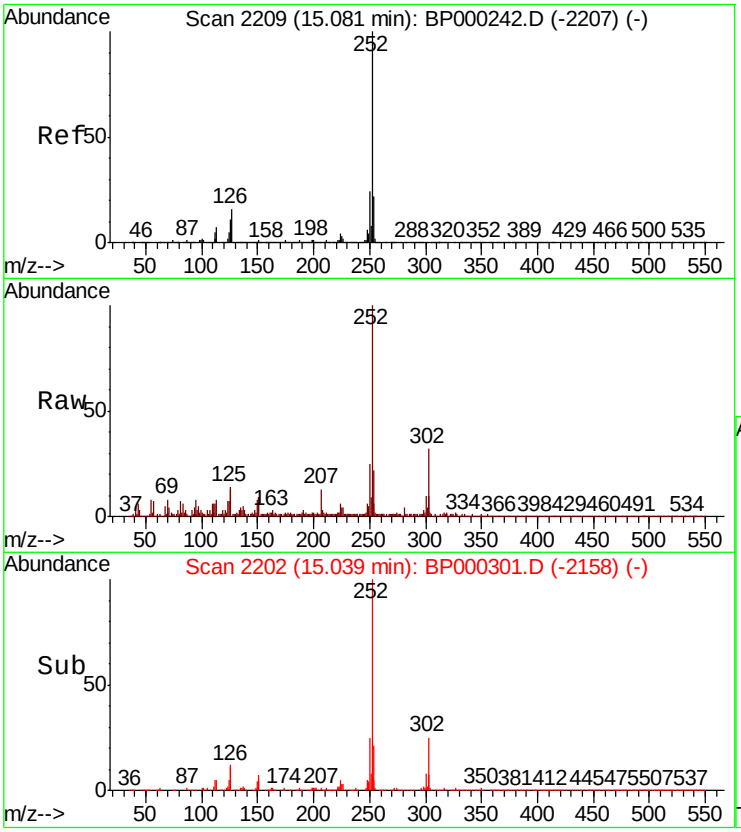


#88
Benzo(b)fluoranthene
Concen: 2.864 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Tgt Ion:252 Resp: 165167

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	13.7	9.5	14.3





#89
Benzo(k)fluoranthene
Concen: 3.284 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000301.D
Acq: 18 Sep 2019 16:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 165167

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	13.7	9.6	14.4