Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000461.D
Acq On : 27 Sep 2019 16:43
Operator : JU
Sample : K4997-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 27 23:11:05 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	170003	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	653500	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	343862	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	413905	20.00	ng		0.00
76) Chrysene-d12	14.00	240	394667	20.00	ng		0.00
87) Perylene-d12	15.49	264	442152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1129004	114.65	ng		0.02
7) Phenol-d6	6.43	99	1664625	137.90	ng		0.01
23) Nitrobenzene-d5	7.35	82	884889	87.36	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	400701	117.49	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1989184	104.12	ng		0.00
79) Terphenyl-d14	12.94	244	1876981	99.77	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	29533	Below Cal			83
19) n-Nitroso-di-n-propylamine	7.35	70	113116	17.724	ng	#	75
25) Isophorone	7.35	82	884686	44.110	ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	44059	8.553	ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	44067	6.544	ng	#	35
67) 4-Bromophenyl-phenylether	10.63	248	26580	5.679	ng	#	1
69) Atrazine	10.99	200	58	Below Cal			75

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

Quantitation Report (Not Reviewed)

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Data File : BP000461.D
Acq On : 27 Sep 2019 16:43
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ClientSampleId :

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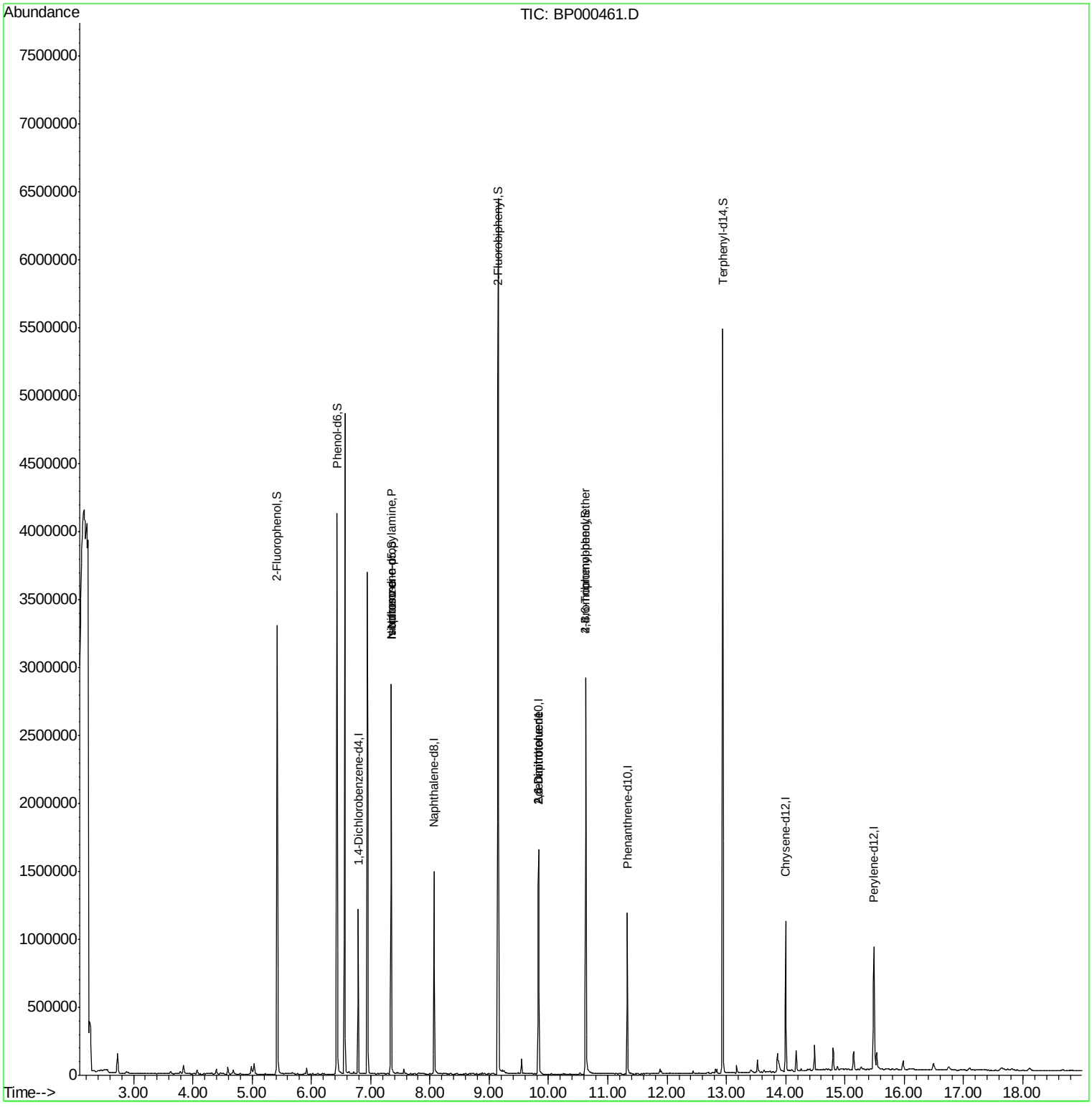
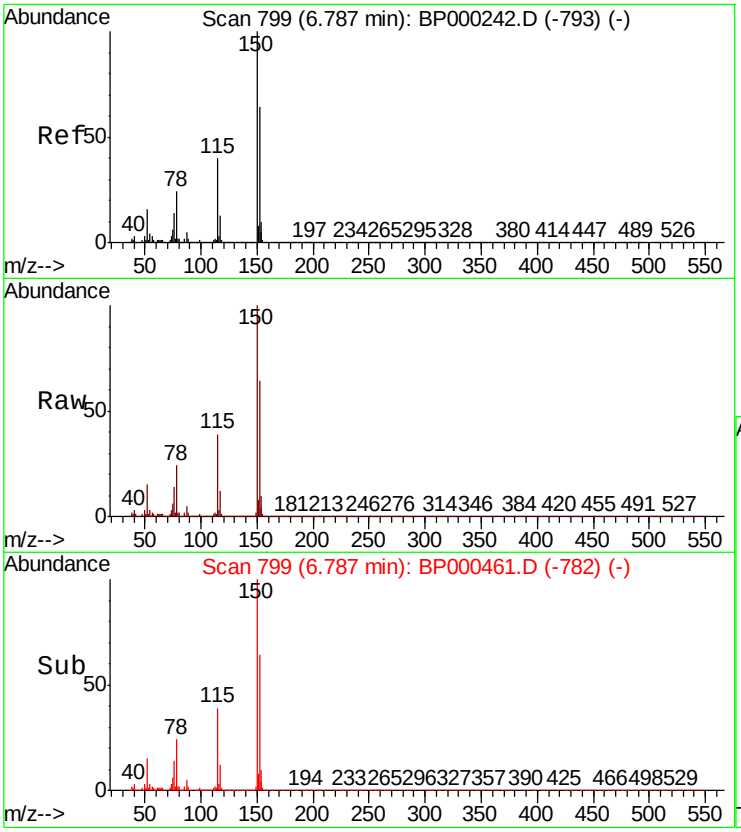
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration



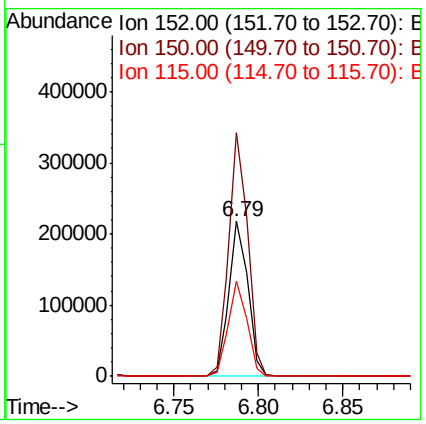


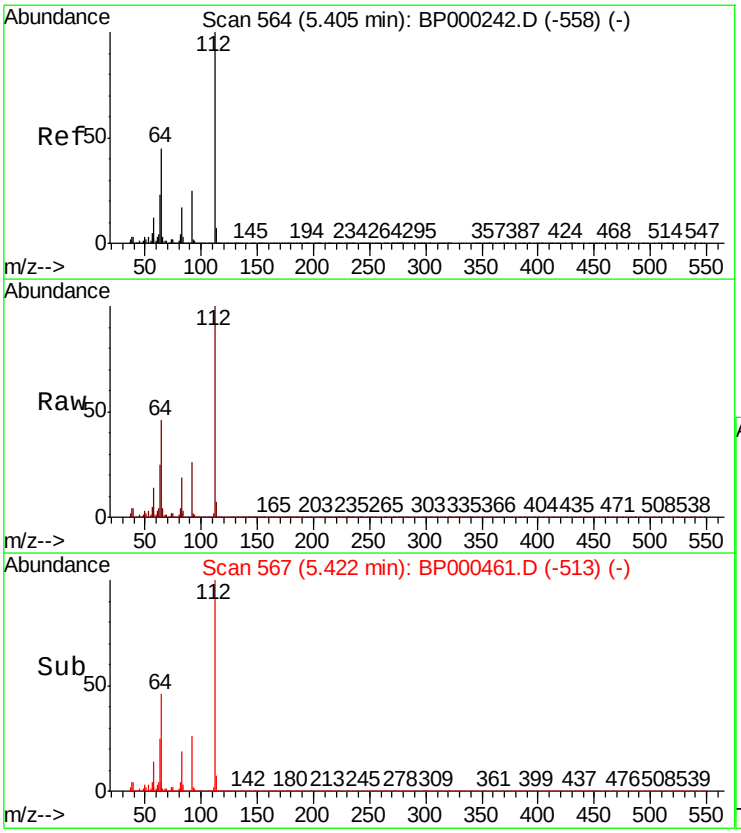
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 170003

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.2	187.8
115	61.3	49.7	74.5

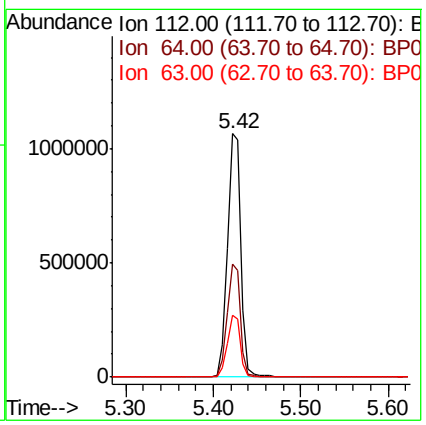


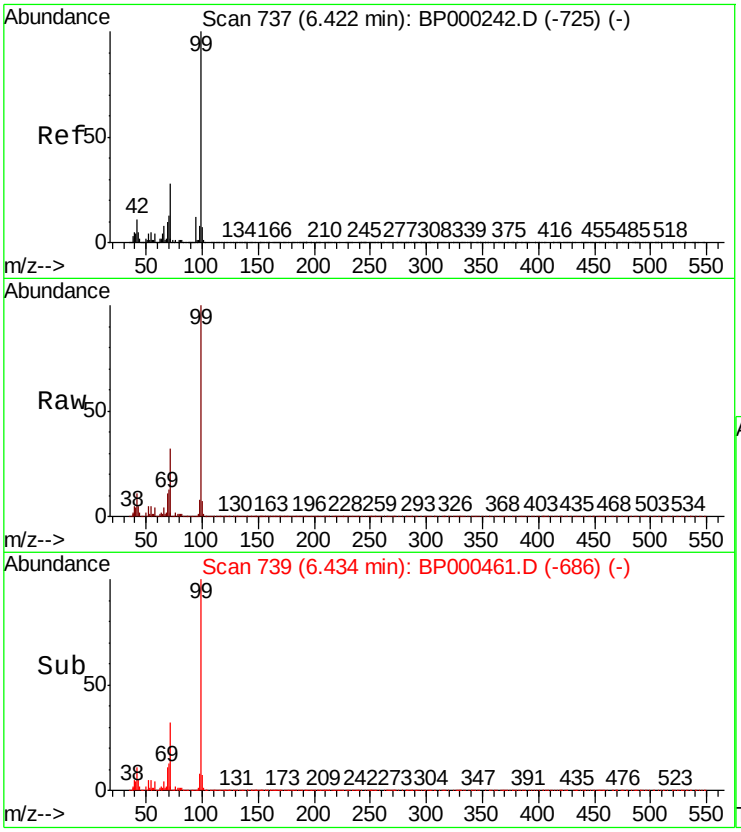


#5
2-Fluorophenol
Concen: 114.648 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion:112 Resp: 1129004

Ion	Ratio	Lower	Upper
112	100		
64	46.3	36.2	54.4
63	25.2	18.3	27.5



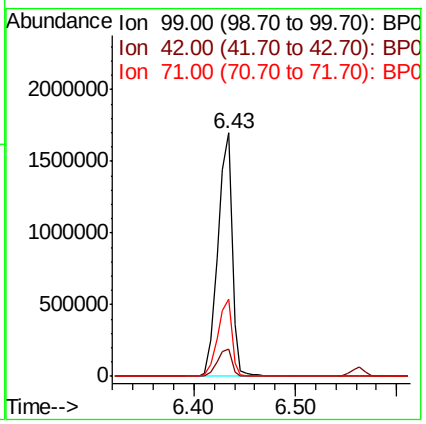


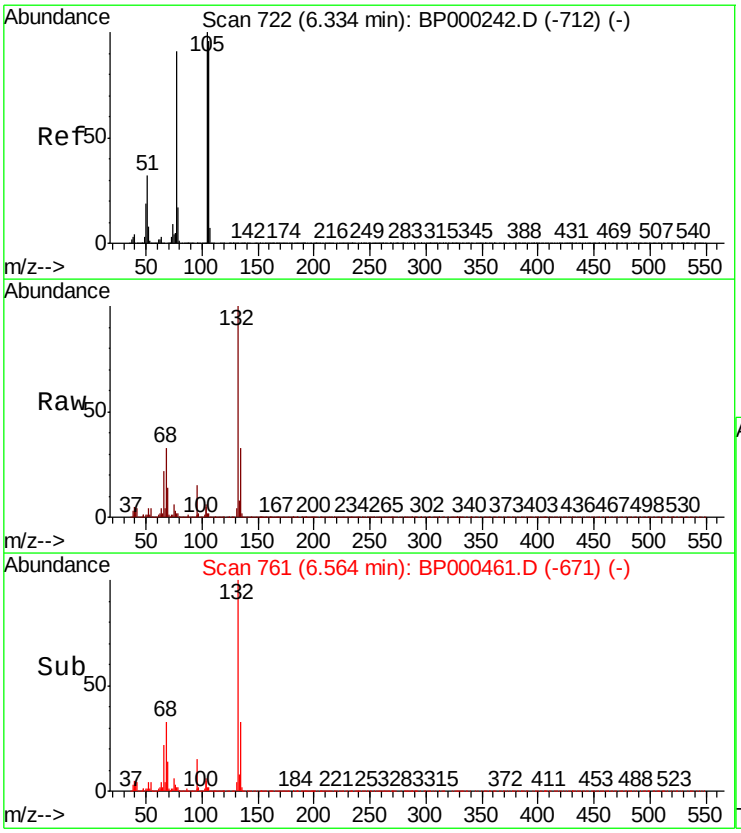
#7
Phenol-d6
Concen: 137.903 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1664625

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.5	12.7
71	31.7	22.6	34.0

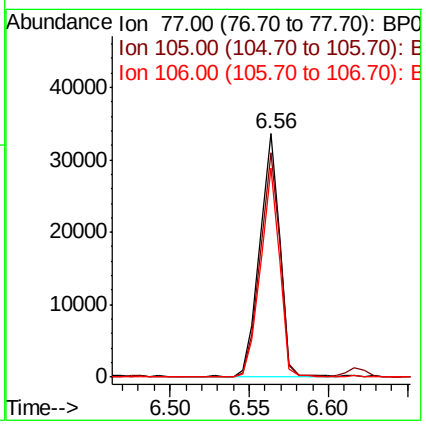


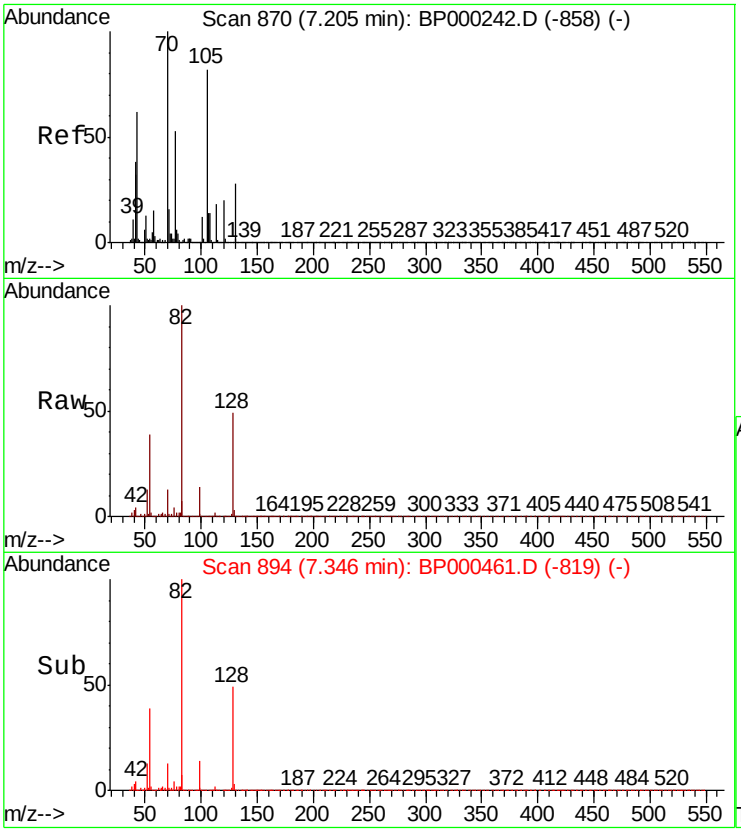


#9
Benzaldehyde
Concen: Below Cal
RT: 6.56 min Scan# 761
Delta R.T. 0.23 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion: 77 Resp: 29533

Ion	Ratio	Lower	Upper
77	100		
105	92.2	89.6	129.6
106	85.8	84.6	124.6



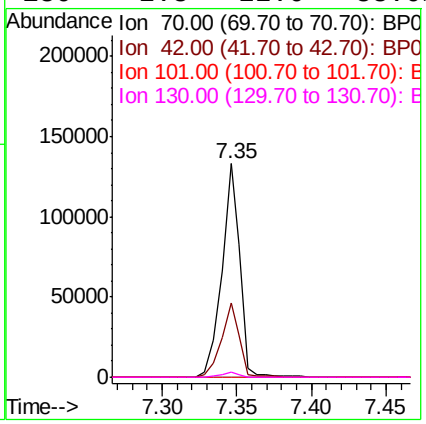


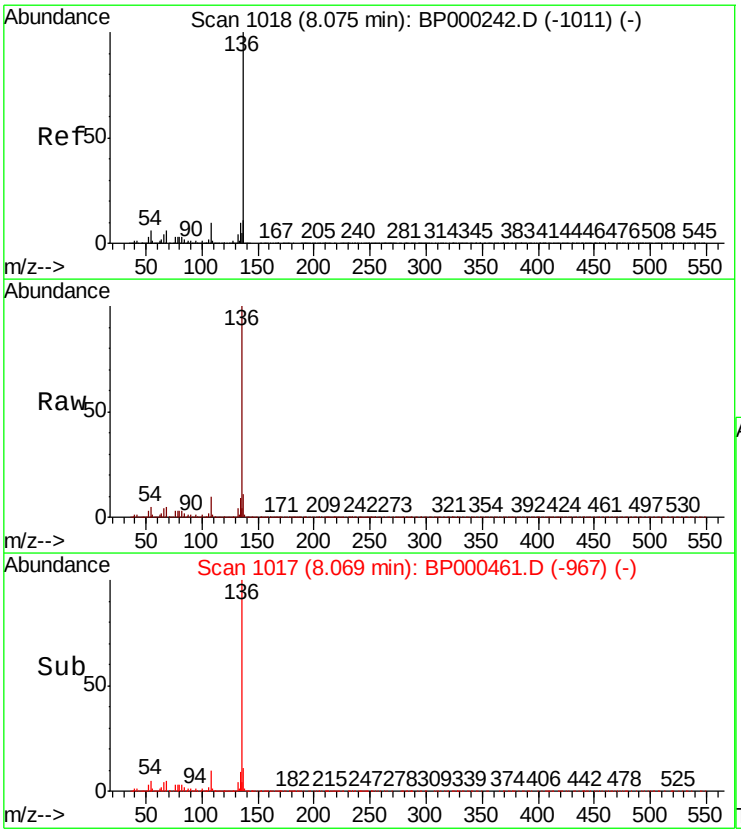
#19
n-Nitroso-di-n-propylamine
Concen: 17.724 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 113116

Ion	Ratio	Lower	Upper
70	100		
42	34.9	30.7	46.1
101	0.0	9.6	14.4#
130	2.3	22.0	33.0#

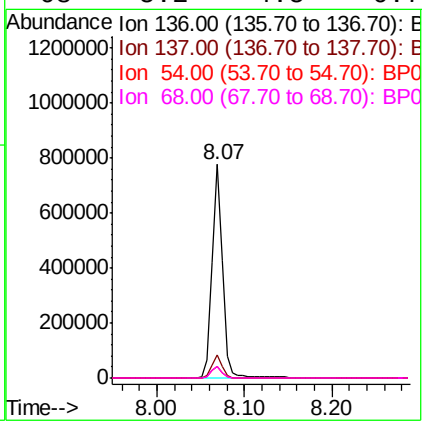


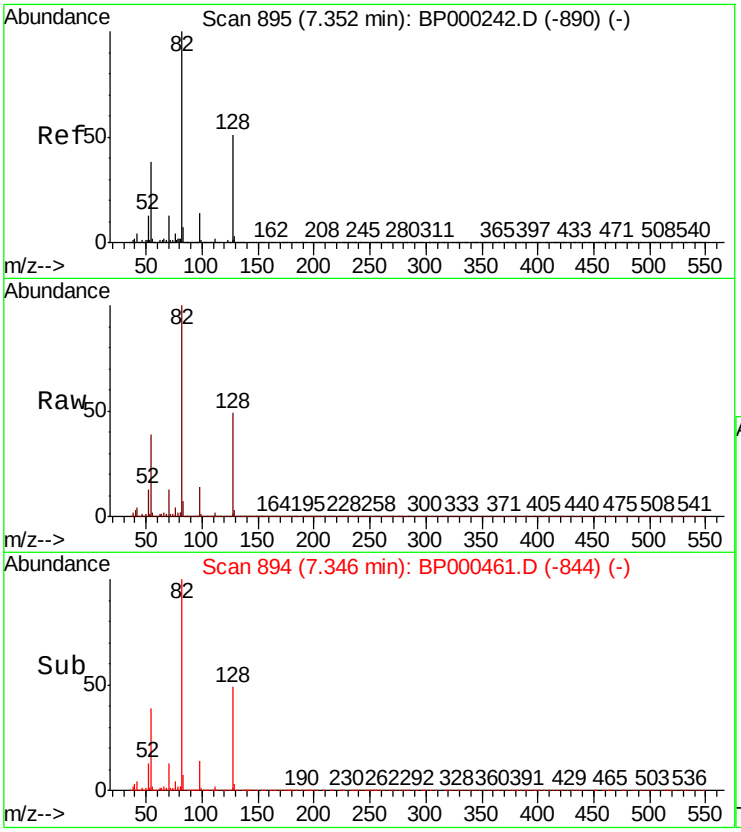


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion:136 Resp: 653500

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.5	4.5	6.7
68	5.2	4.5	6.7



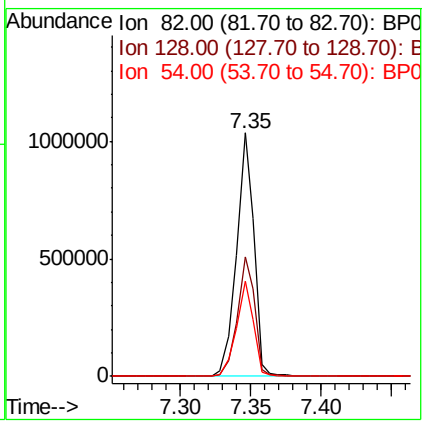


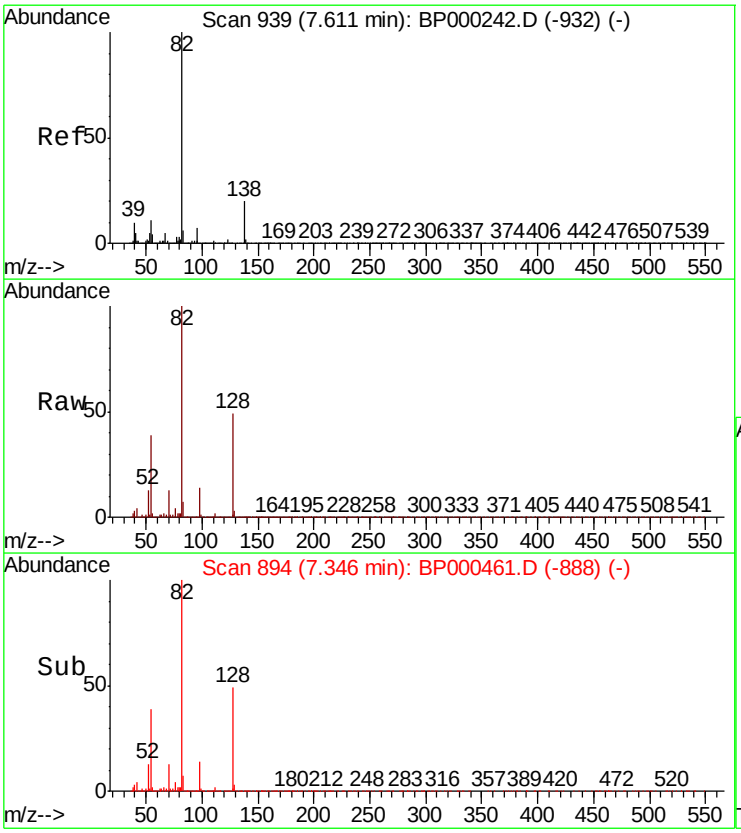
#23
Nitrobenzene-d5
Concen: 87.364 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 884889

Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.7	61.1
54	39.0	30.1	45.1

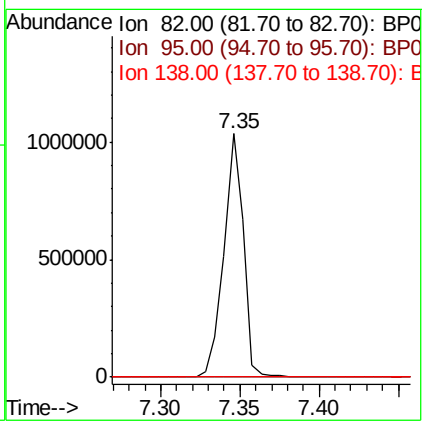


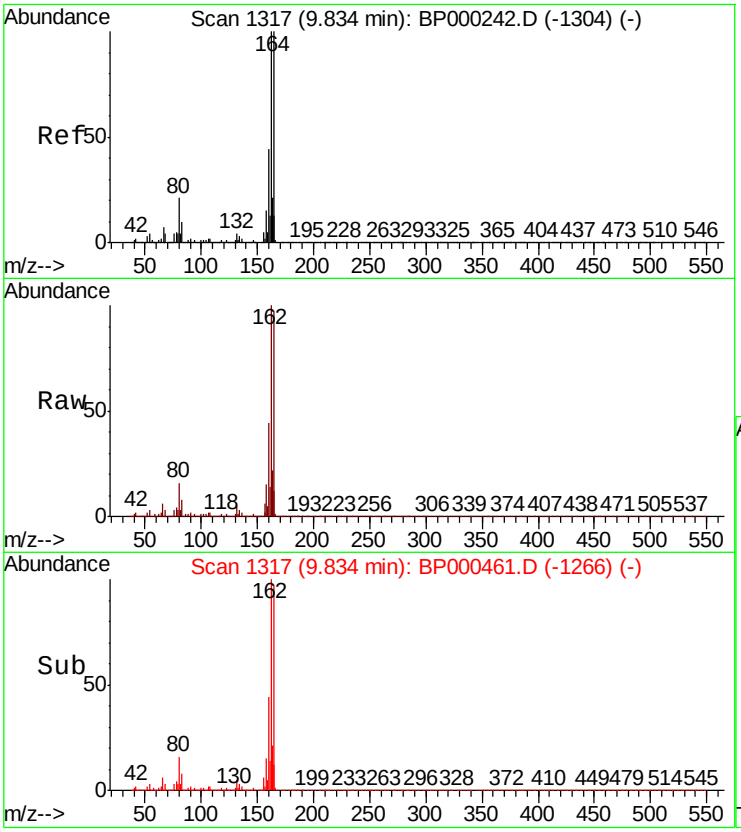


#25
Isophorone
Concen: 44.110 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion: 82 Resp: 884686

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



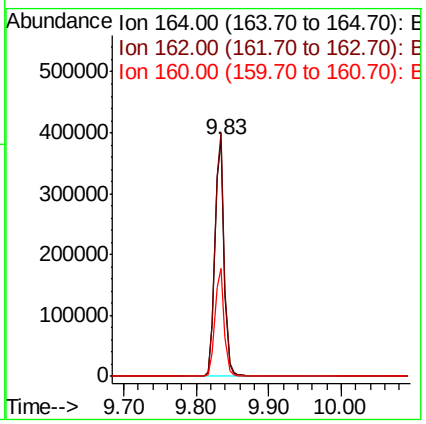


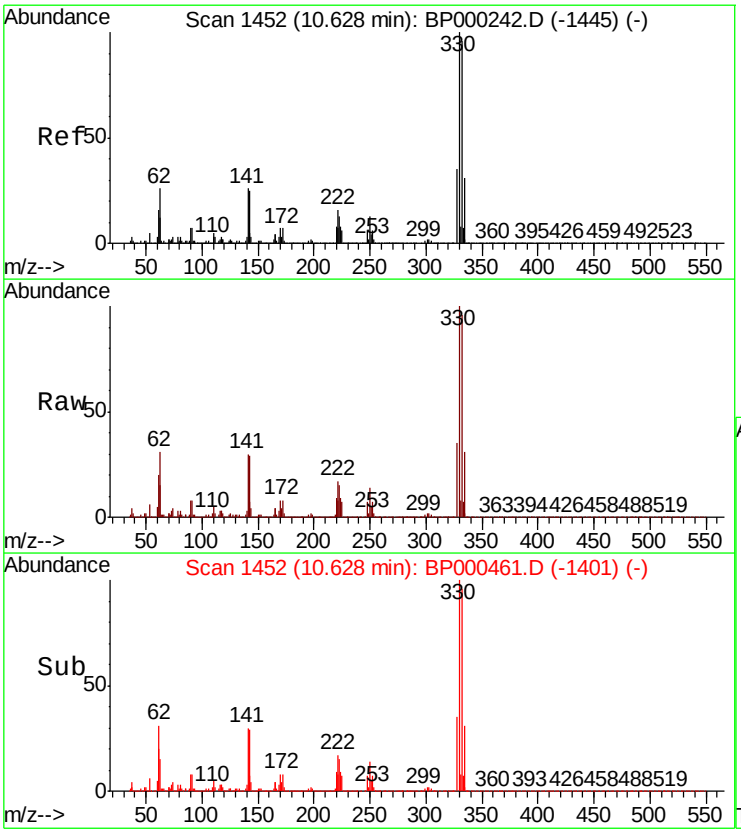
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 343862

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.9	119.9
160	45.7	35.6	53.4

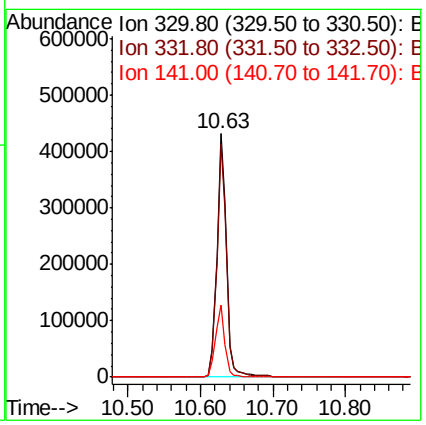


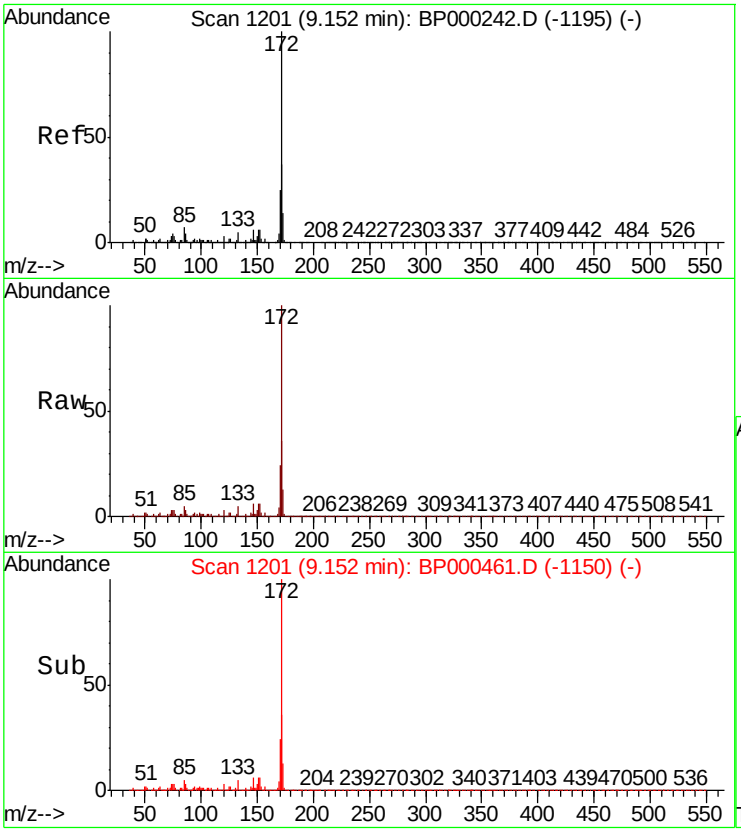


#42
2,4,6-Tribromophenol
Concen: 117.485 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion:330 Resp: 400701

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	29.4	26.5	39.7



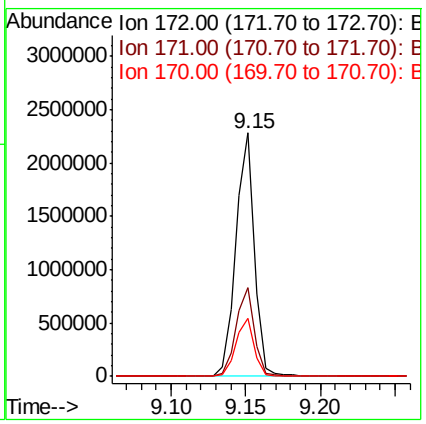


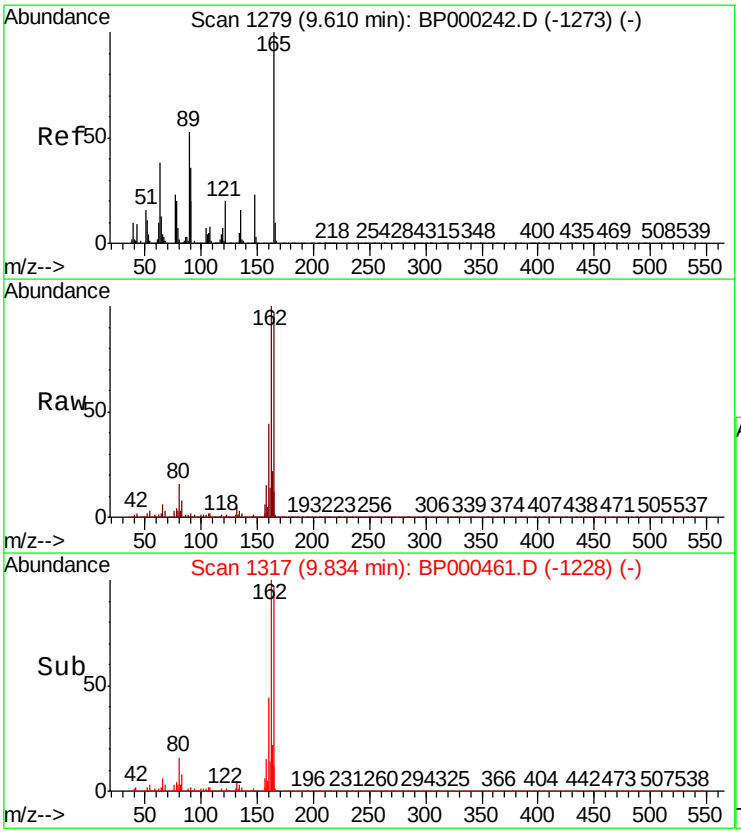
#45
2-Fluorobiphenyl
Concen: 104.116 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1989184

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	23.9	19.8	29.6

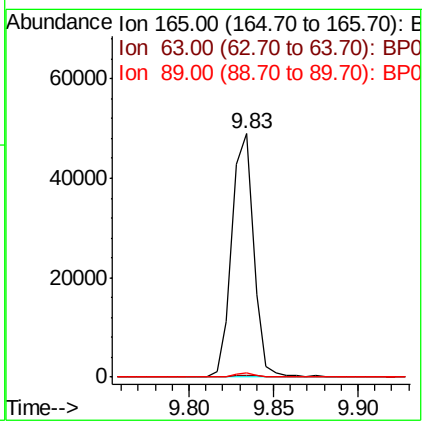


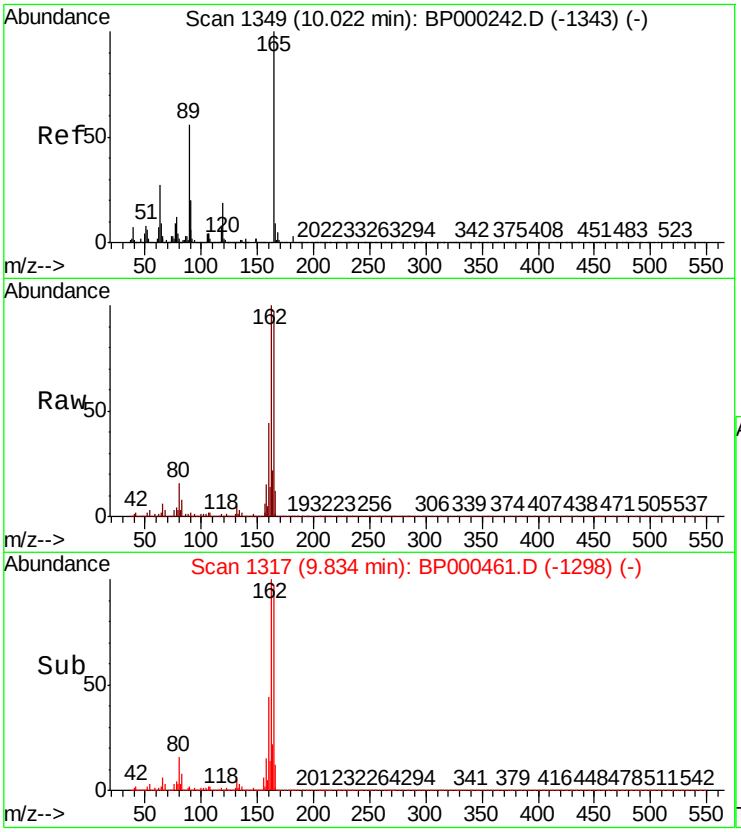


#51
2,6-Dinitrotoluene
Concen: 8.553 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion:165 Resp: 44059

Ion	Ratio	Lower	Upper
165	100		
63	0.9	35.8	53.8#
89	1.5	42.6	63.8#



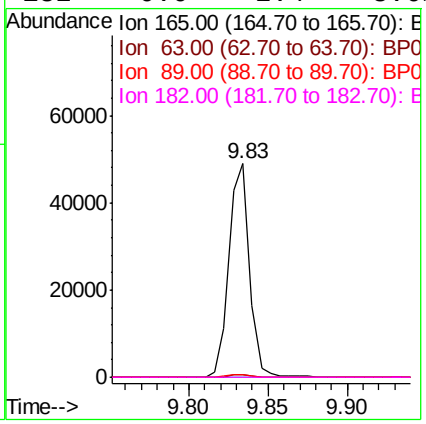


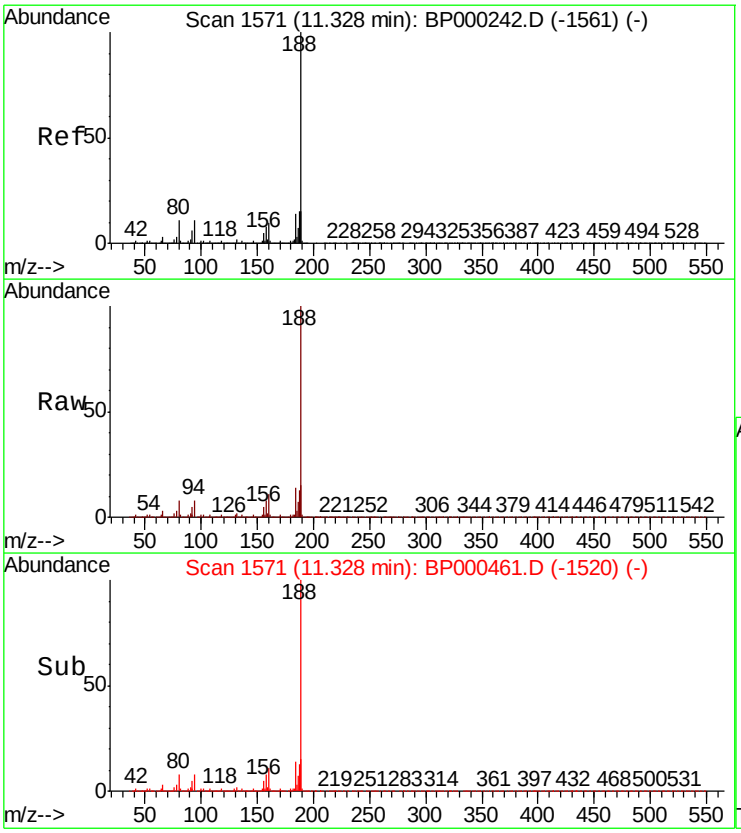
#57
2,4-Dinitrotoluene
Concen: 6.544 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 44067

Ion	Ratio	Lower	Upper
165	100		
63	0.9	21.7	32.5#
89	1.5	45.0	67.6#
182	0.0	2.4	3.6#

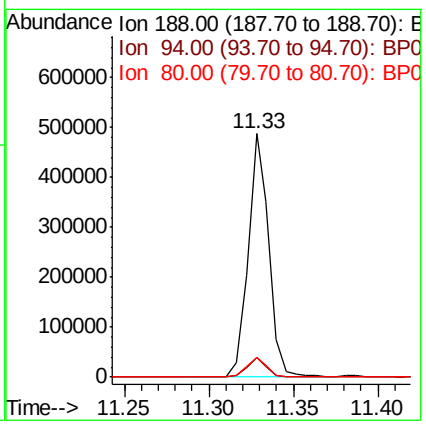


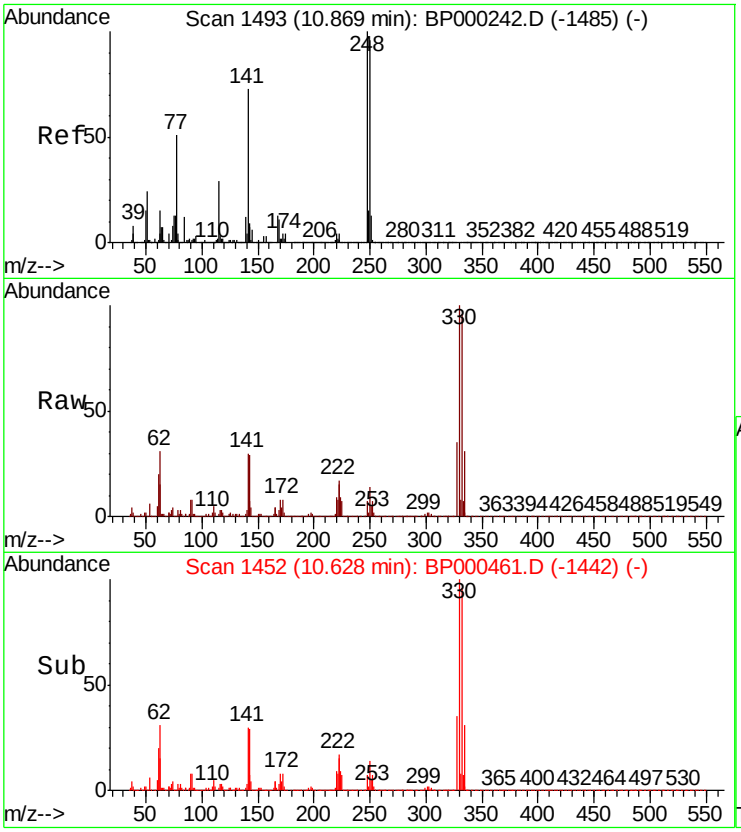


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion:188 Resp: 413905

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.2	8.6	13.0#



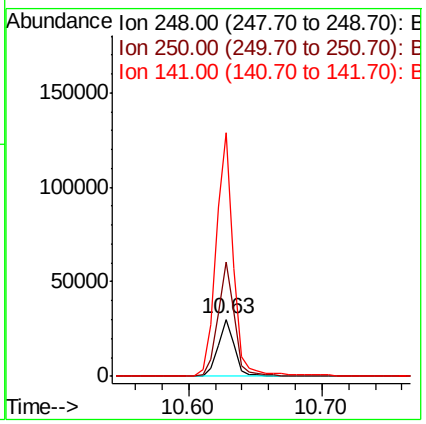


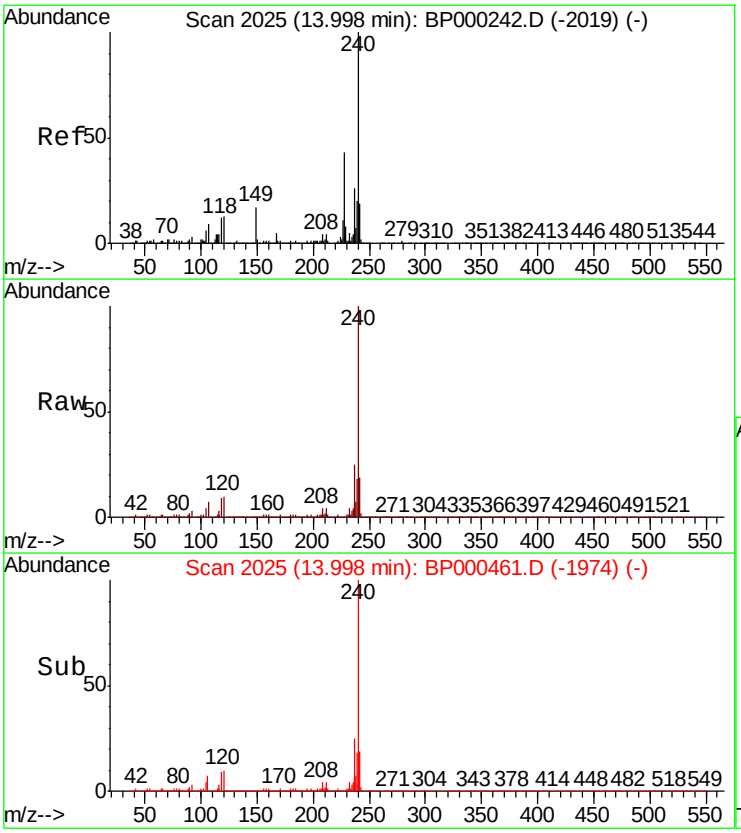
#67
4-Bromophenyl-phenylether
Concen: 5.679 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 26580

Ion	Ratio	Lower	Upper
248	100		
250	199.3	77.0	115.4#
141	424.9	58.5	87.7#

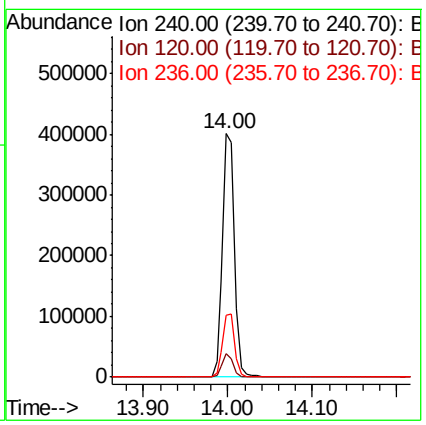


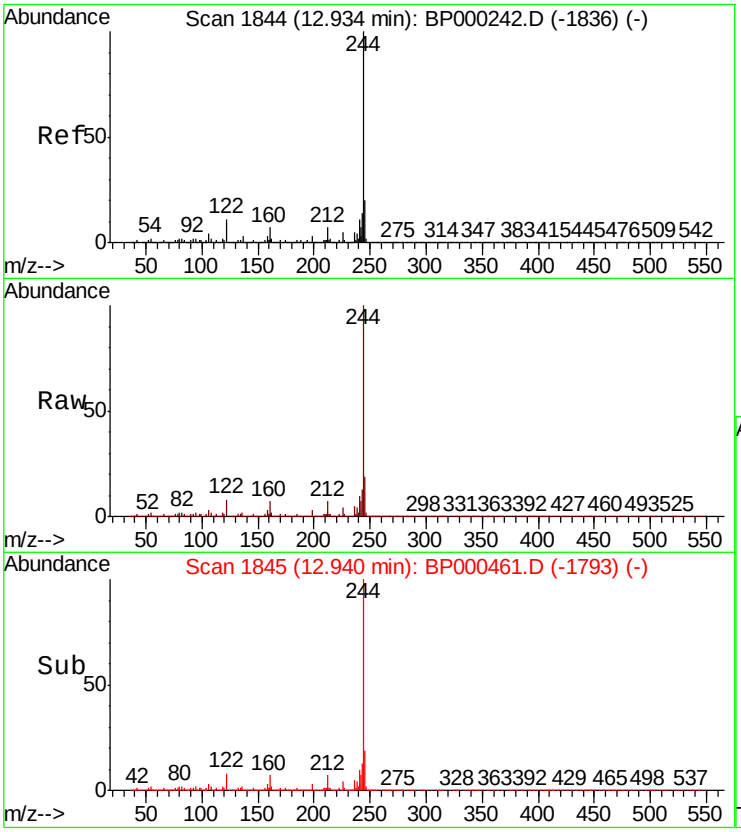


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion:240 Resp: 394667

Ion	Ratio	Lower	Upper
240	100		
120	9.6	10.4	15.6#
236	25.4	21.0	31.6



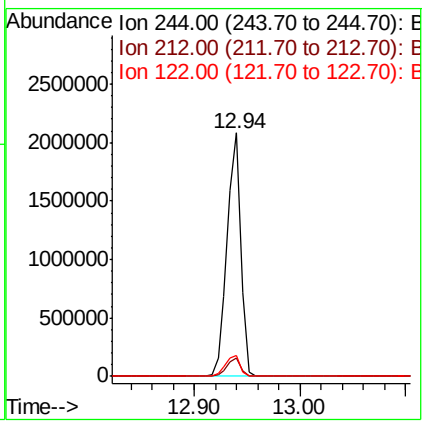


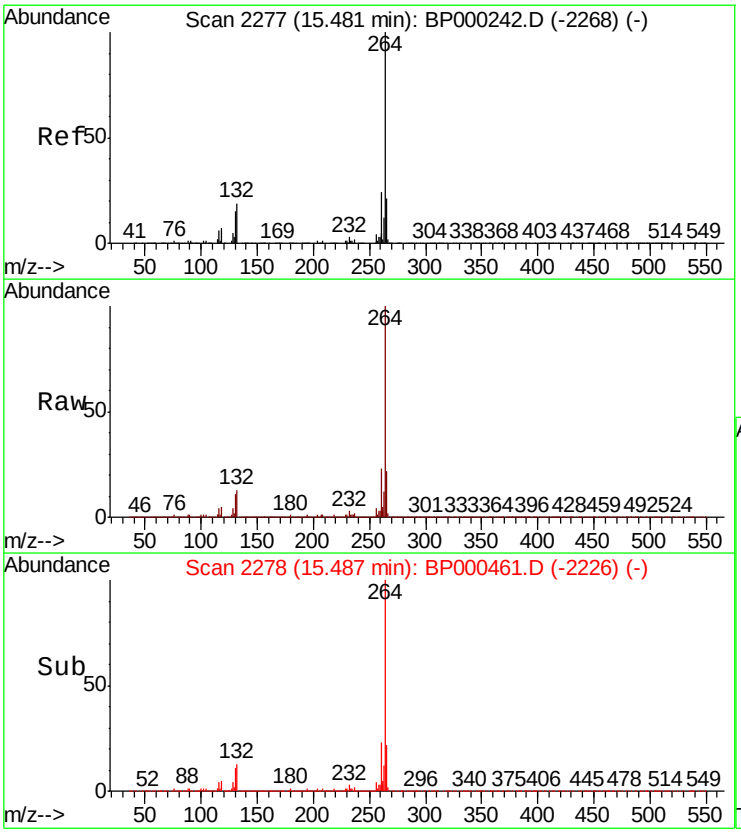
#79
Terphenyl-d14
Concen: 99.771 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1876981

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	8.4	9.0	13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion:264 Resp: 442152

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.0	17.2	25.8