Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000452.D
Acq On : 27 Sep 2019 13:06
Operator : JU
Sample : PB123396TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 27 14:49:43 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	229542	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	831694	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	454300	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	863583	20.00	ng	0.00
76) Chrysene-d12	14.00	240	787668	20.00	ng	0.00
87) Perylene-d12	15.49	264	868859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1551030	116.65	ng	0.01
7) Phenol-d6	6.43	99	1946400	119.42	ng	0.00
23) Nitrobenzene-d5	7.35	82	1087867	84.39	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	564853	125.35	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2352329	93.19	ng	0.00
79) Terphenyl-d14	12.94	244	2952058	78.62	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	2730	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.35	70	131347	15.242	ng	# 76
25) Isophorone	7.35	82	1087329	42.598	ng	# 63
51) 2,6-Dinitrotoluene	9.83	165	58647	8.617	ng	# 30
57) 2,4-Dinitrotoluene	9.83	165	58753	6.604	ng	# 35
67) 4-Bromophenyl-phenylether	10.63	248	39229	4.017	ng	# 1
69) Atrazine	11.02	200	76	Below Cal		# 43

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

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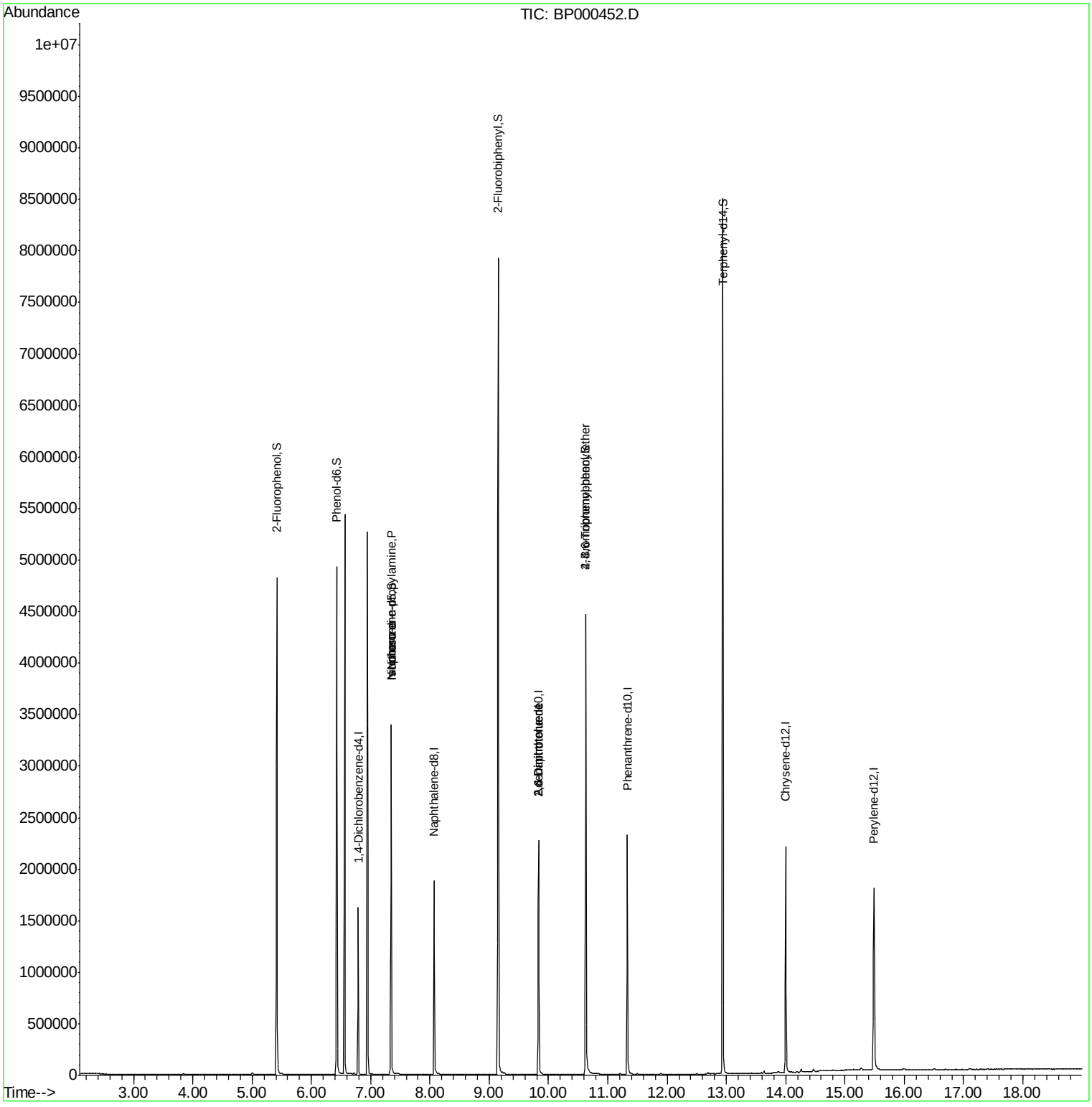
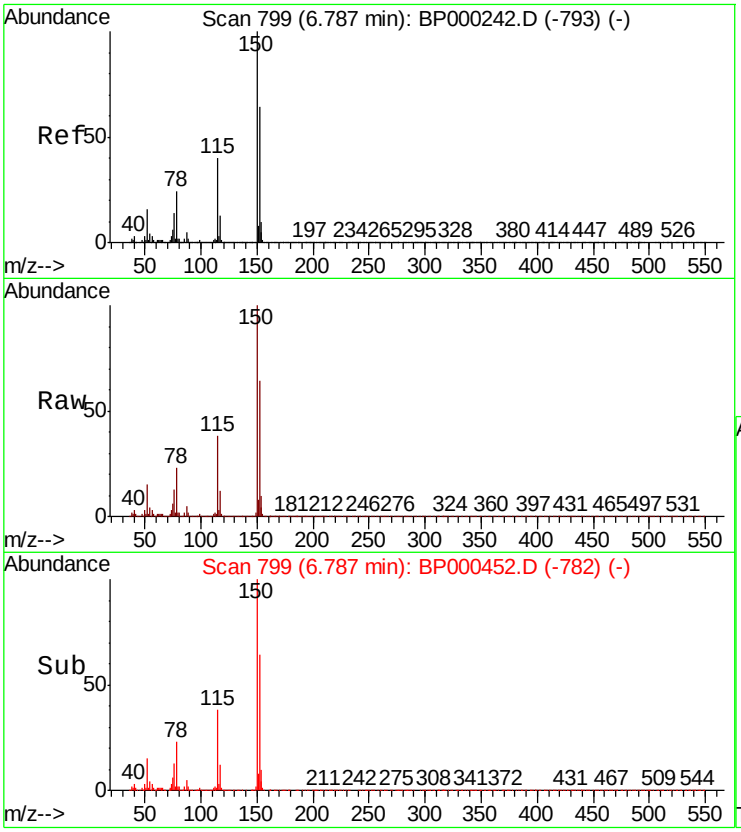


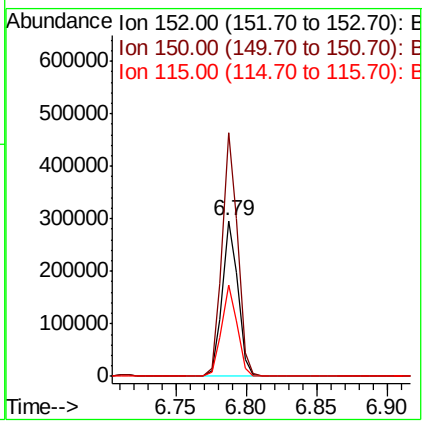


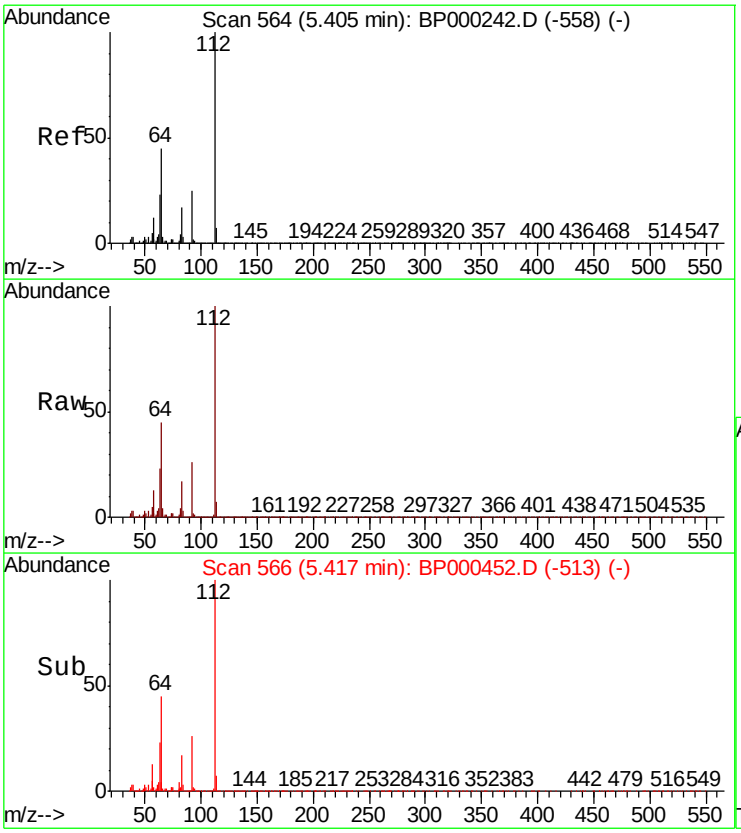
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 229542

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.2	187.8
115	58.9	49.7	74.5

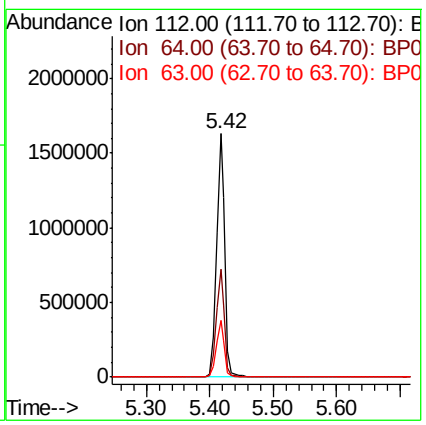


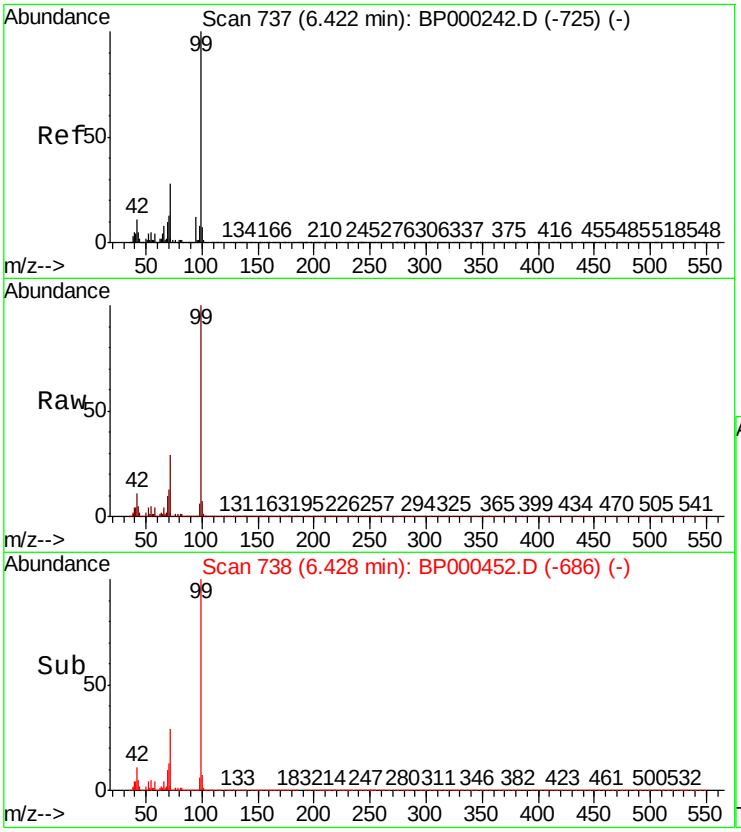


#5
2-Fluorophenol
Concen: 116.651 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Tgt Ion:112 Resp: 1551030

Ion	Ratio	Lower	Upper
112	100		
64	44.6	36.2	54.4
63	23.3	18.3	27.5



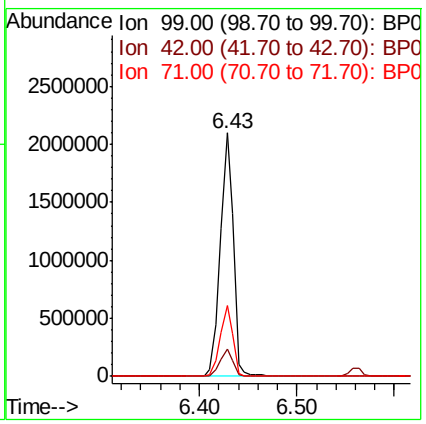


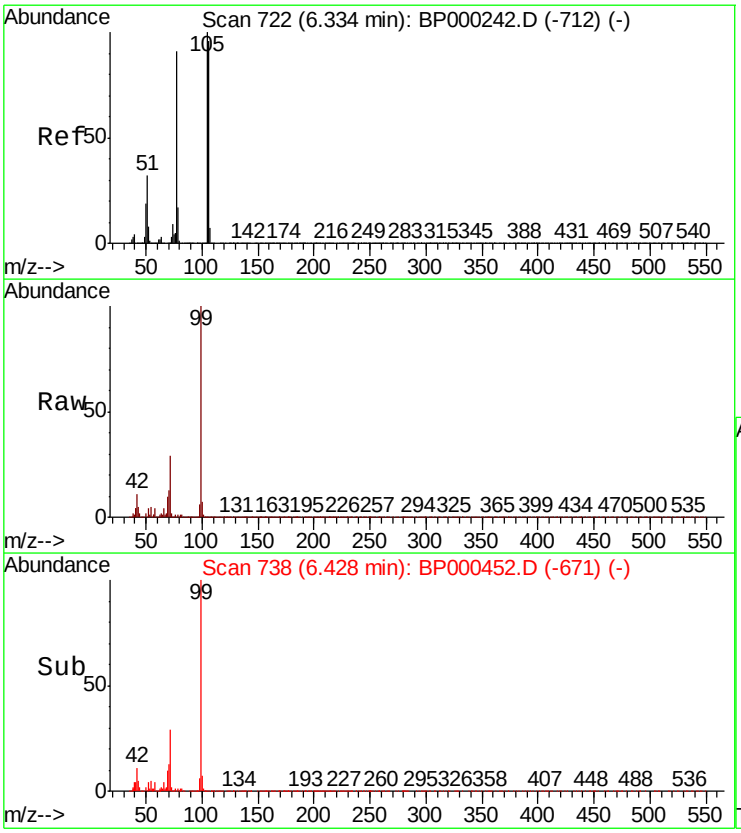
#7
Phenol-d6
Concen: 119.422 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1946400

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.5	12.7
71	29.3	22.6	34.0

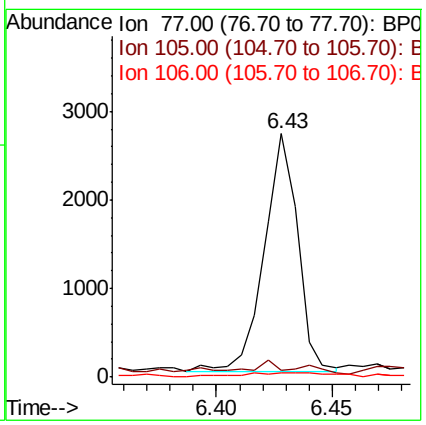


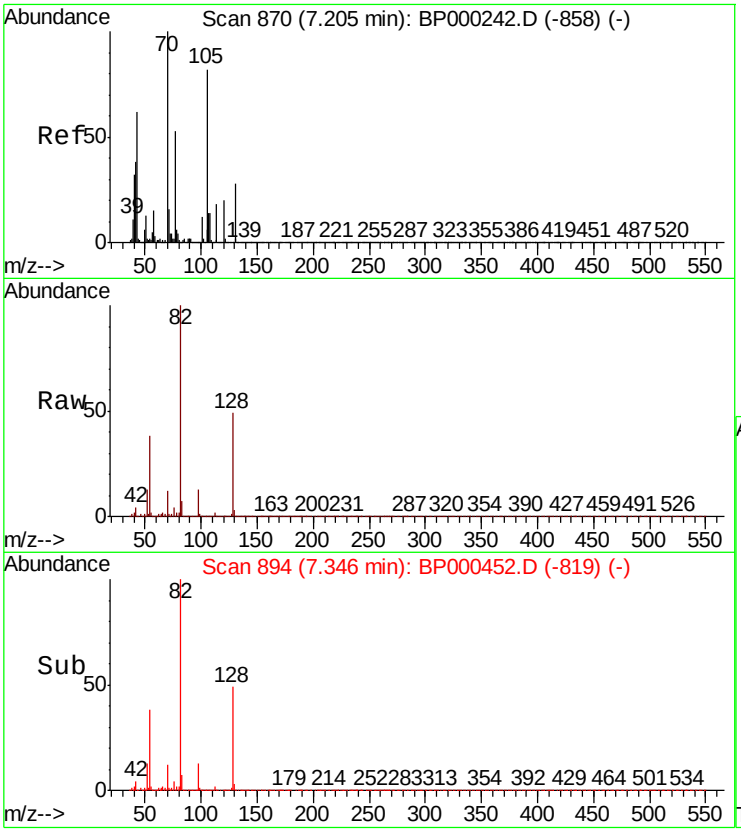


#9
Benzaldehyde
Concen: Below Cal
RT: 6.43 min Scan# 738
Delta R.T. 0.09 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Tgt Ion: 77 Resp: 2730

Ion	Ratio	Lower	Upper
77	100		
105	2.8	89.6	129.6#
106	1.9	84.6	124.6#



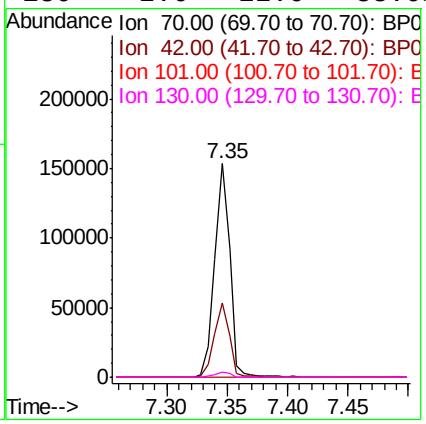


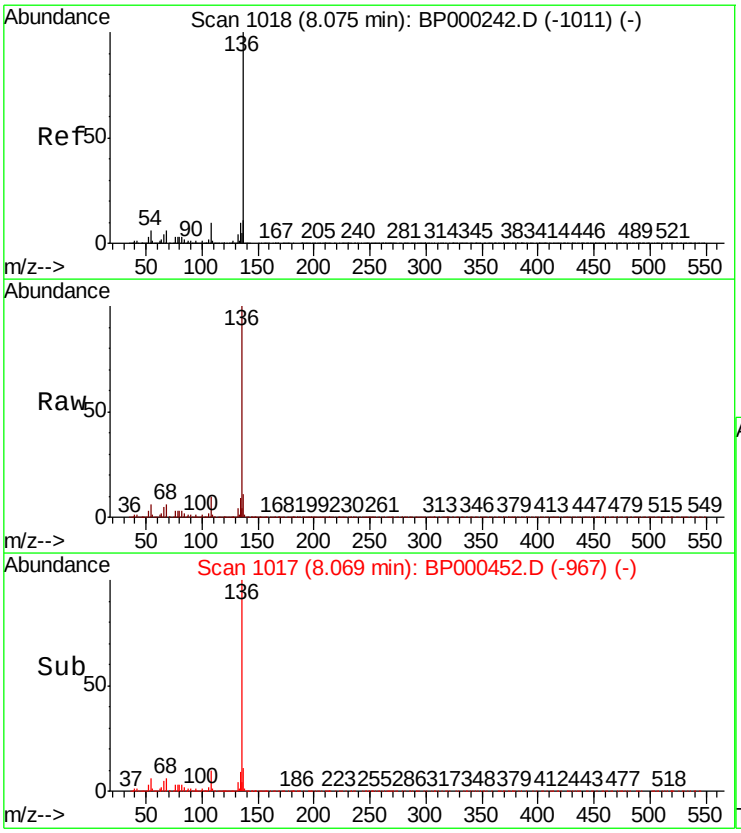
#19
n-Nitroso-di-n-propylamine
Concen: 15.242 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 131347

Ion	Ratio	Lower	Upper
70	100		
42	34.9	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#

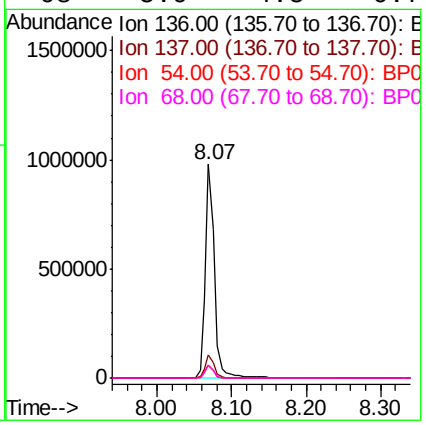


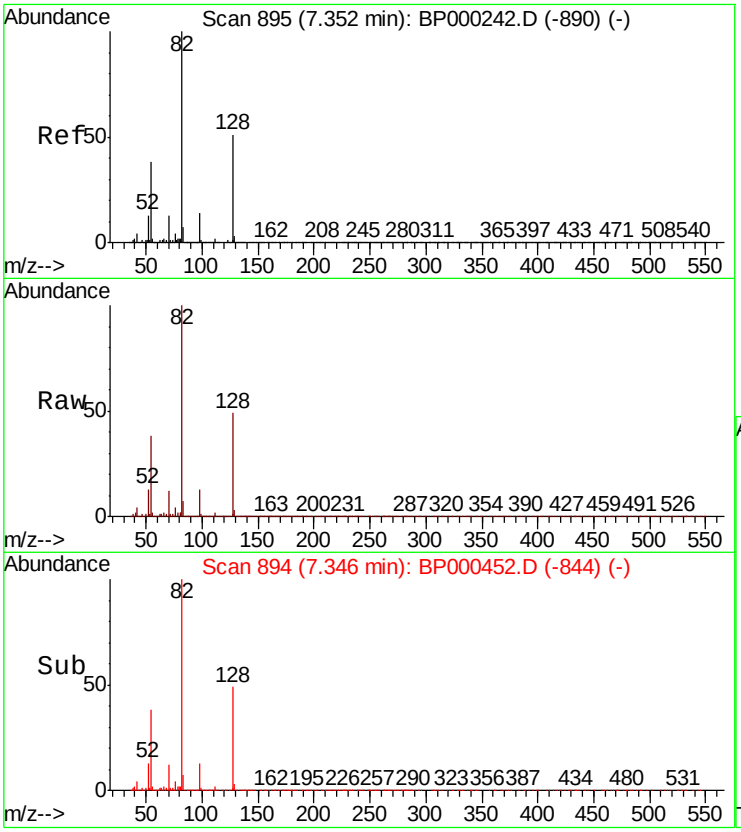


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Tgt Ion:136 Resp: 831694

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.9	4.5	6.7
68	5.9	4.5	6.7



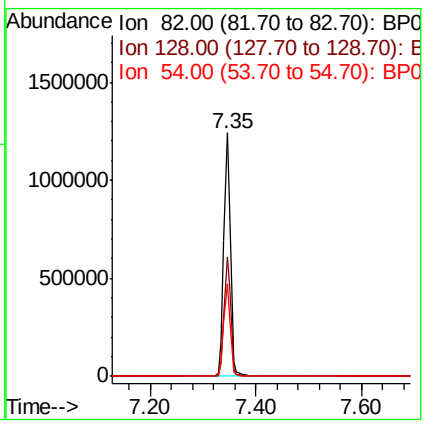


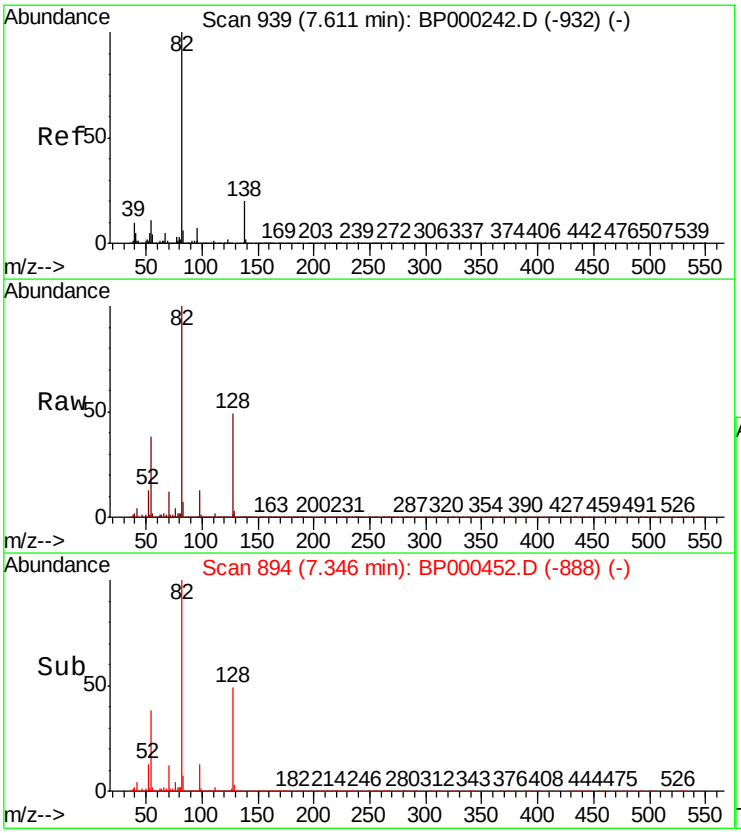
#23
Nitrobenzene-d5
Concen: 84.392 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1087867

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.7	61.1
54	37.9	30.1	45.1

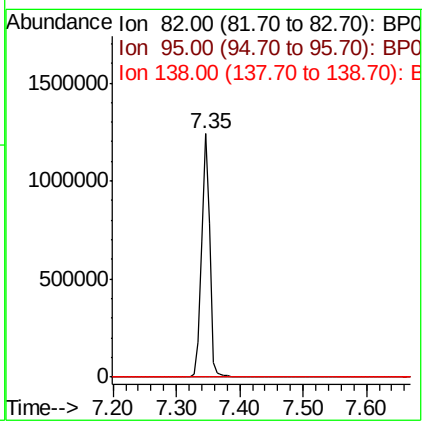


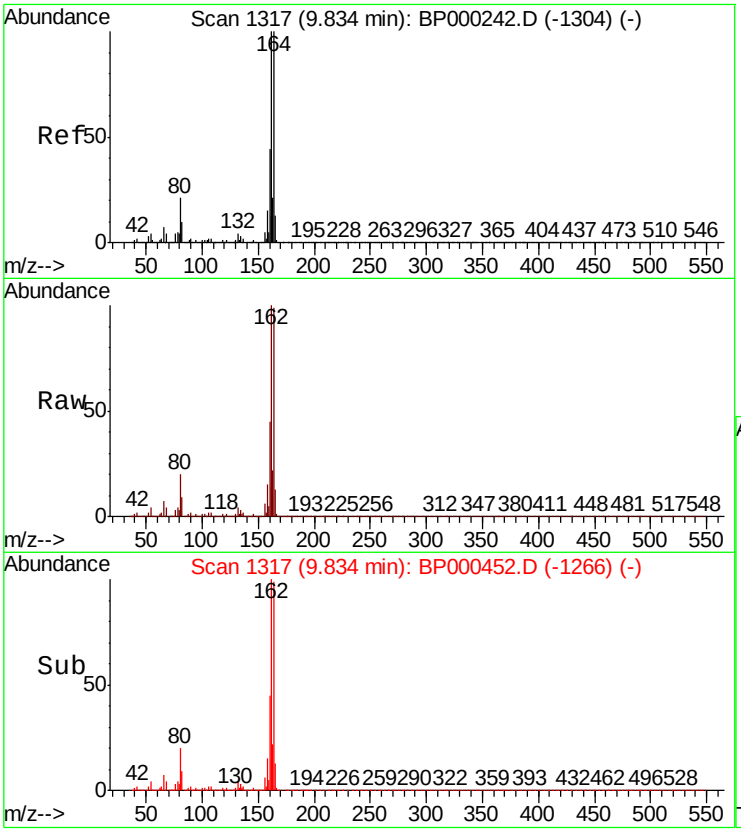


#25
Isophorone
Concen: 42.598 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Tgt Ion: 82 Resp: 1087329

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



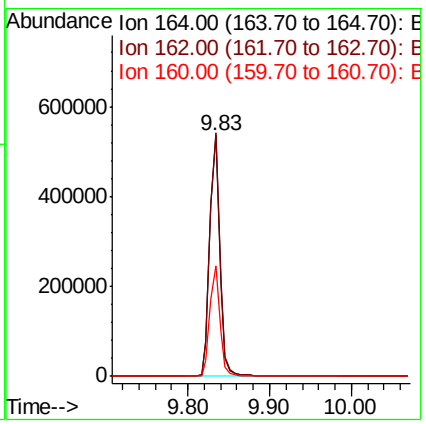


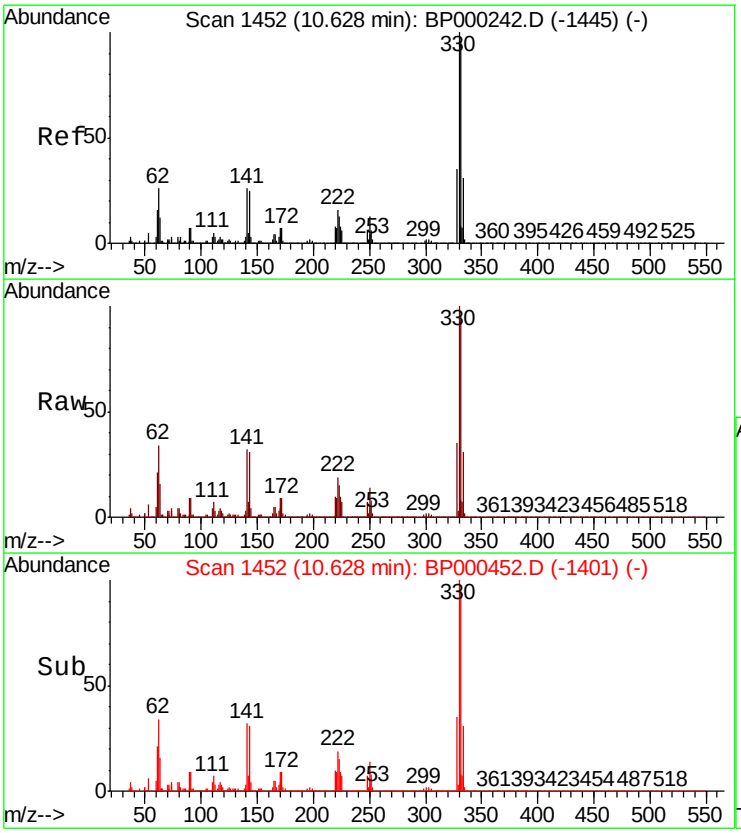
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 454300

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	45.6	35.6	53.4

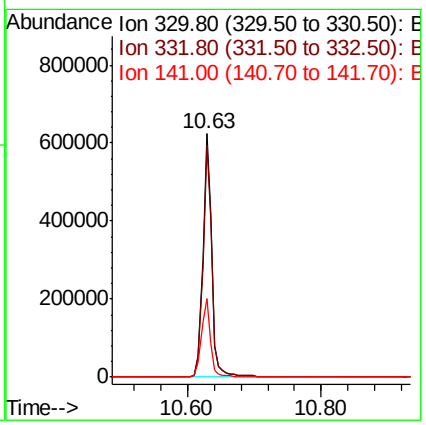


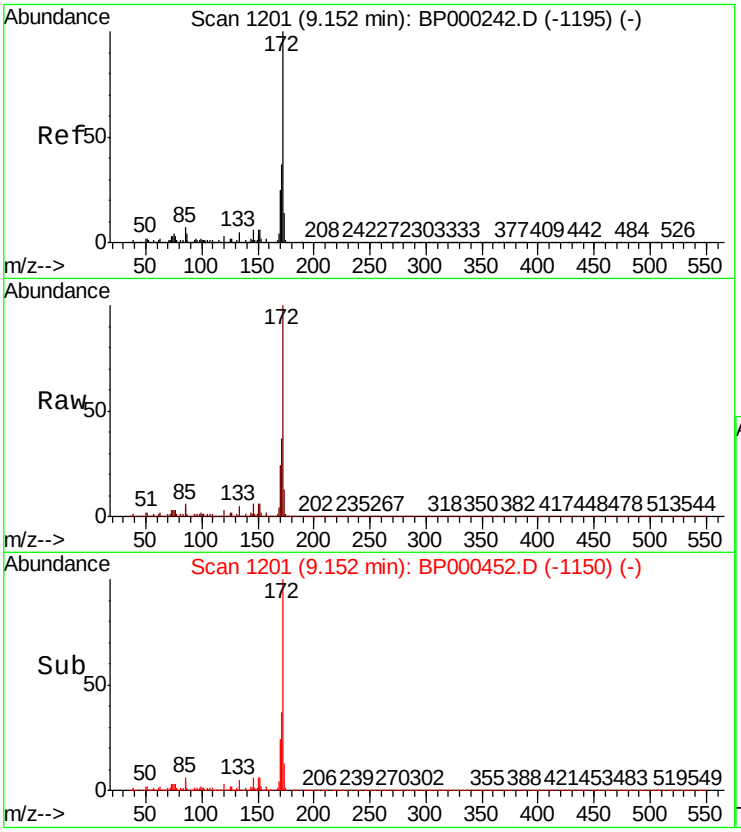


#42
2,4,6-Tribromophenol
Concen: 125.355 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Tgt Ion:330 Resp: 564853

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	33.0	26.5	39.7



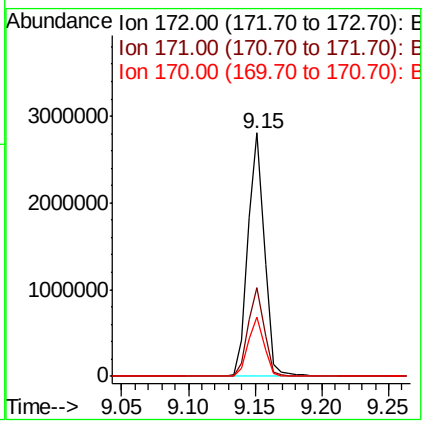


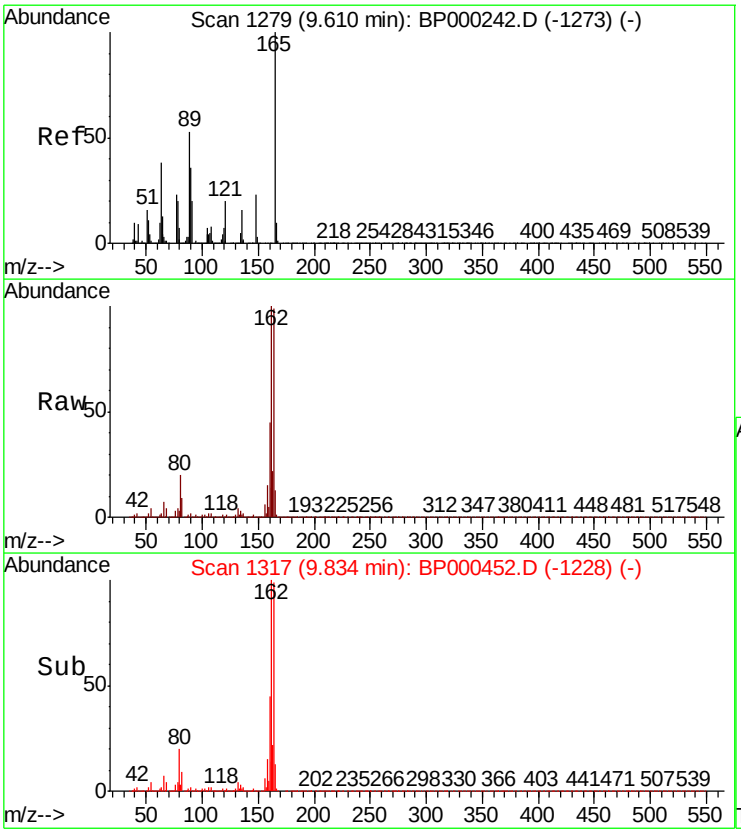
#45
2-Fluorobiphenyl
Concen: 93.193 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 2352329

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.4	19.8	29.6

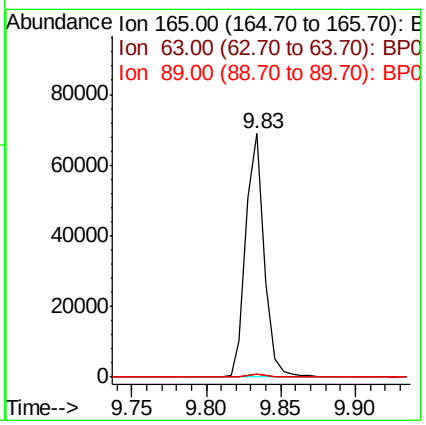


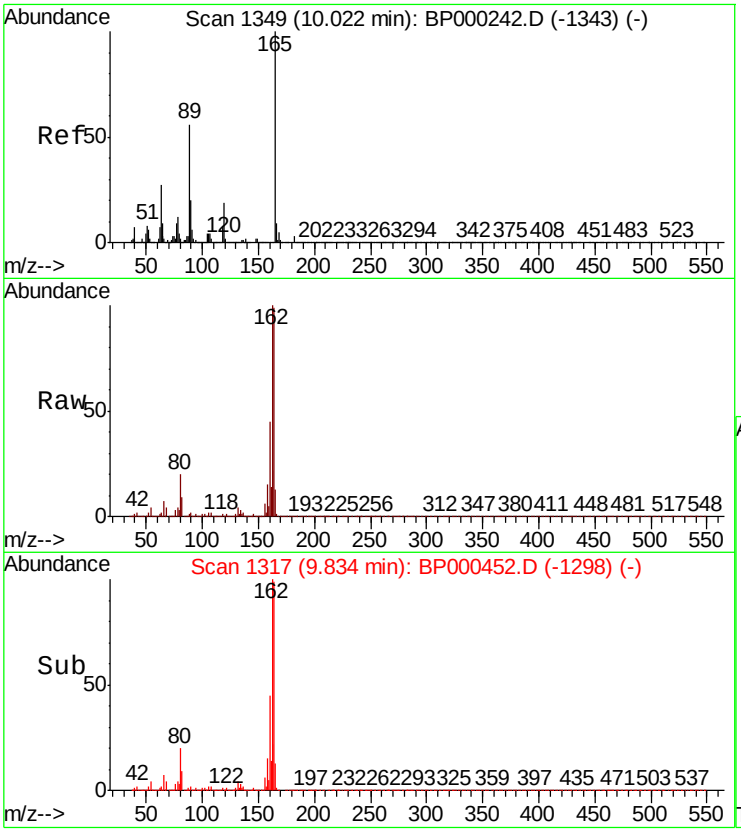


#51
2,6-Dinitrotoluene
Concen: 8.617 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Tgt Ion:165 Resp: 58647

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.8	53.8#
89	1.3	42.6	63.8#



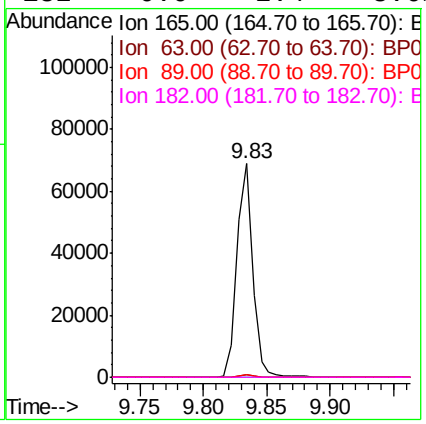


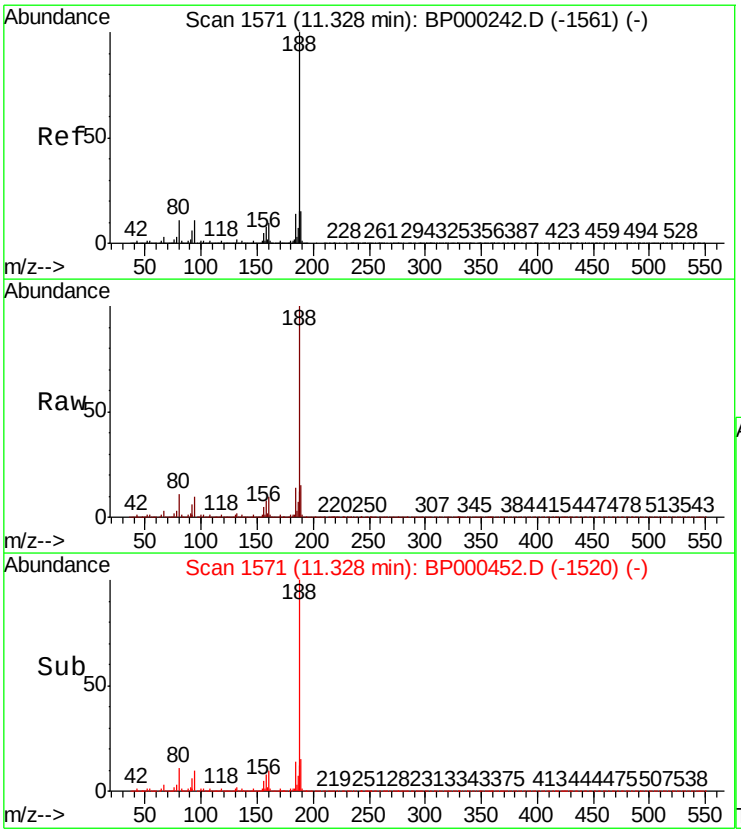
#57
2,4-Dinitrotoluene
Concen: 6.604 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 58753

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#

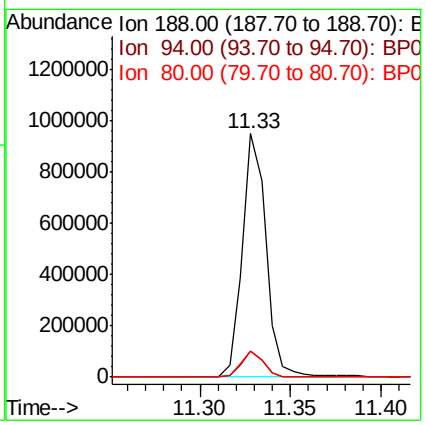


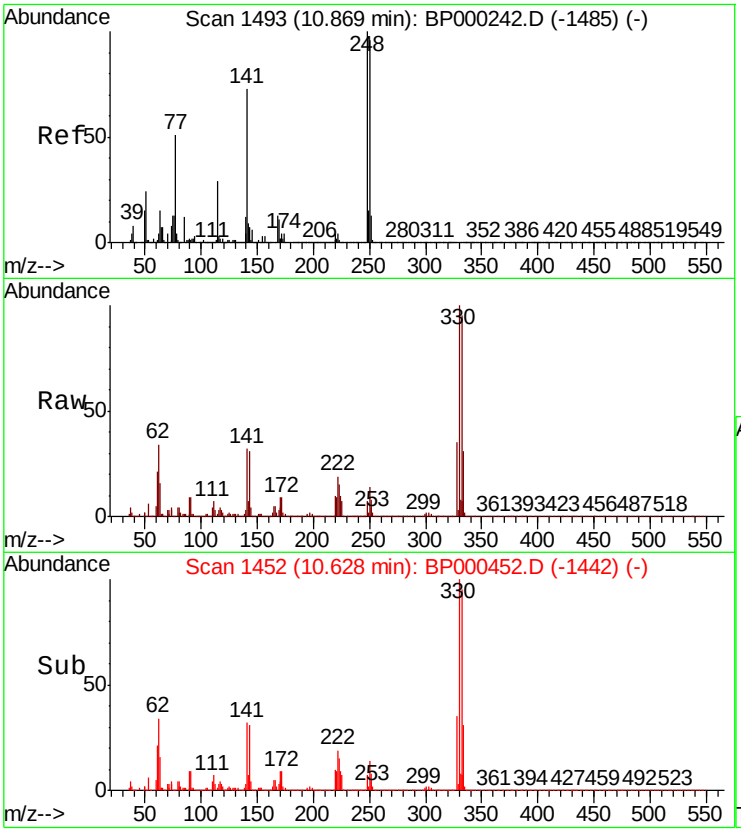


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Tgt Ion:188 Resp: 863583

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.8	8.6	13.0



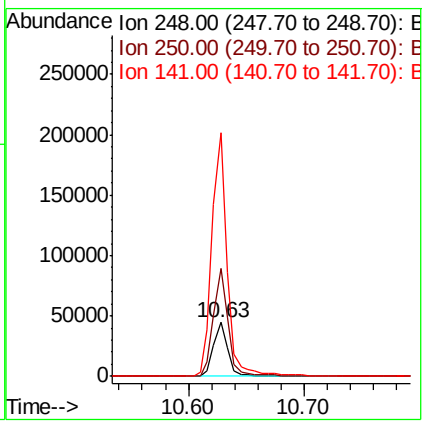


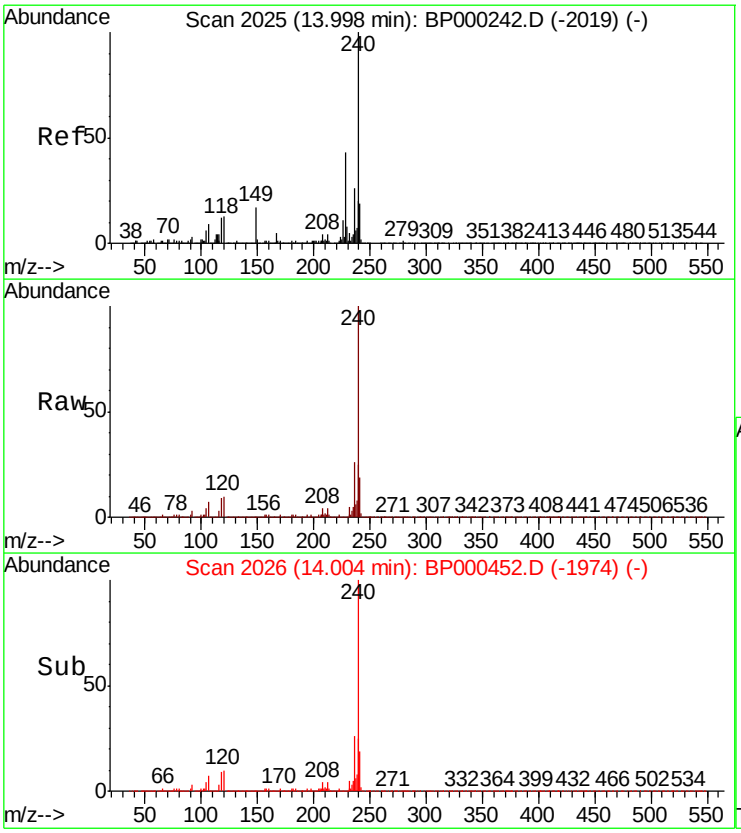
#67
4-Bromophenyl-phenylether
Concen: 4.017 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 39229

Ion	Ratio	Lower	Upper
248	100		
250	199.7	77.0	115.4#
141	451.3	58.5	87.7#

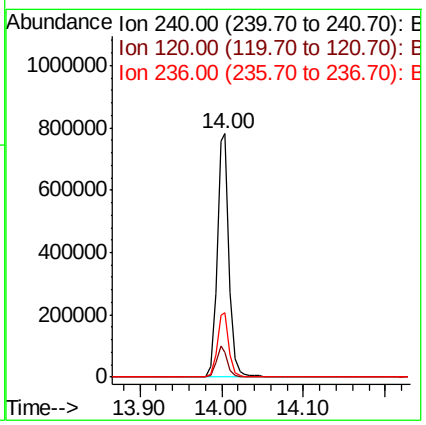


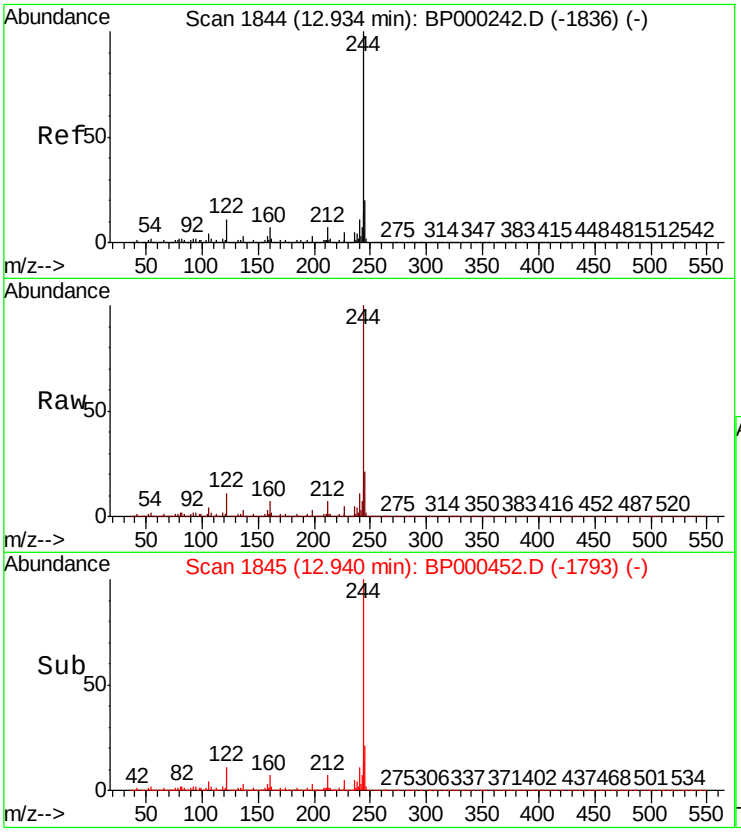


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Tgt Ion:240 Resp: 787668

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.4	15.6#
236	26.3	21.0	31.6



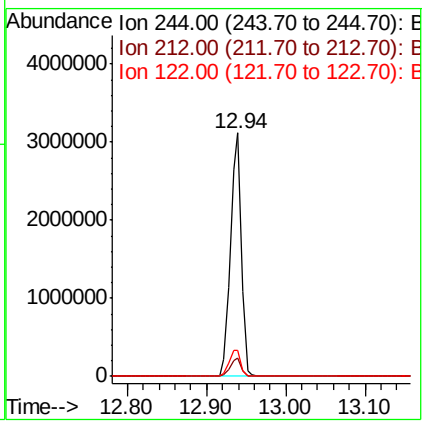


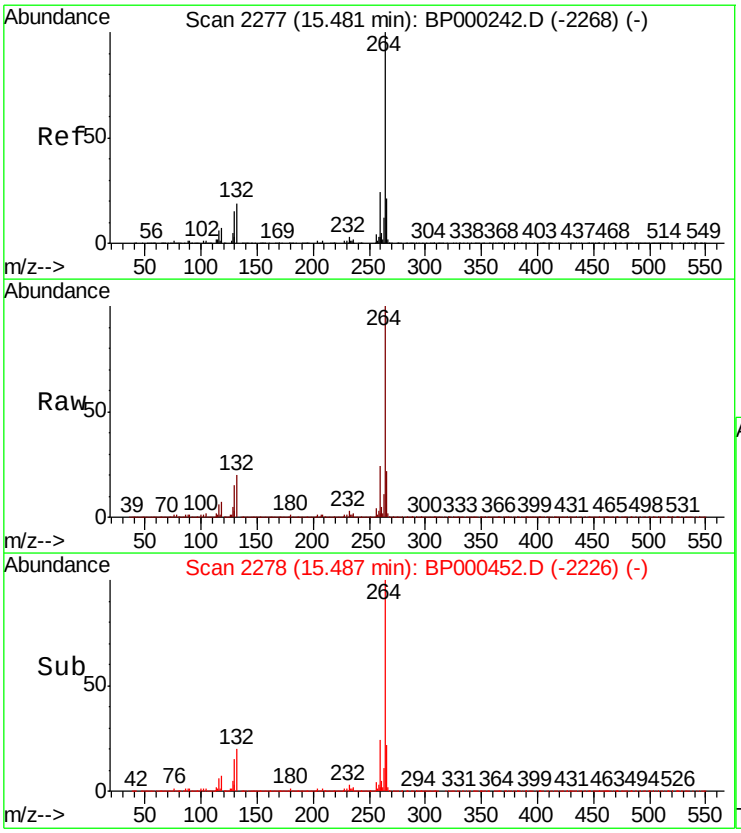
#79
Terphenyl-d14
Concen: 78.624 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2952058

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.8	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: BP000452.D
Acq: 27 Sep 2019 13:06

Tgt Ion:264 Resp: 868859

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.0	17.2	25.8