Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
Data File : BP000361.D
Acq On : 20 Sep 2019 18:01
Operator : HP/JU
Sample : K4969-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 20 23:16:13 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	202439	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	790939	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	458379	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	824177	20.00	ng		0.00
76) Chrysene-d12	13.99	240	660191	20.00	ng		-0.01
87) Perylene-d12	15.47	264	744280	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1058522	90.27	ng		0.00
7) Phenol-d6	6.43	99	1366159	95.04	ng		0.00
23) Nitrobenzene-d5	7.35	82	760738	62.06	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	461054	101.41	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1688795	66.31	ng		0.00
79) Terphenyl-d14	12.93	244	1824580	57.98	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	24033	Below Cal			83
10) Phenol	6.44	94	54390	3.330	ng		98
19) n-Nitroso-di-n-propylamine	7.35	70	95655	12.586	ng	#	75
25) Isophorone	7.35	82	760587	31.333	ng	#	63
50) Dimethylphthalate	9.54	163	264863	8.481	ng		100
57) 2,4-Dinitrotoluene	9.83	165	60739	6.766	ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	30952	3.321	ng	#	1
69) Atrazine	11.18	200	156	Below Cal			78

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

Quantitation Report (Not Reviewed)

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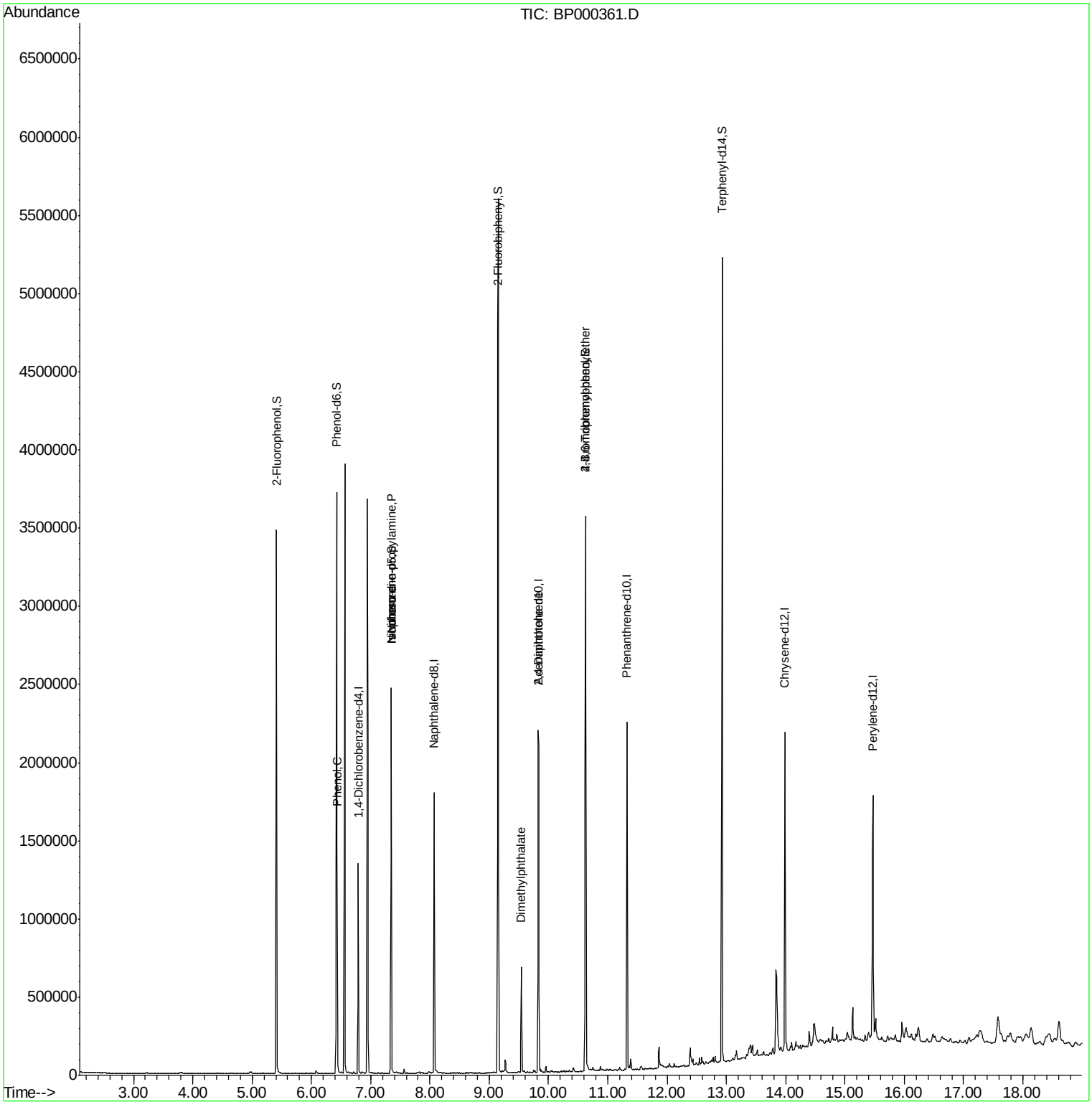
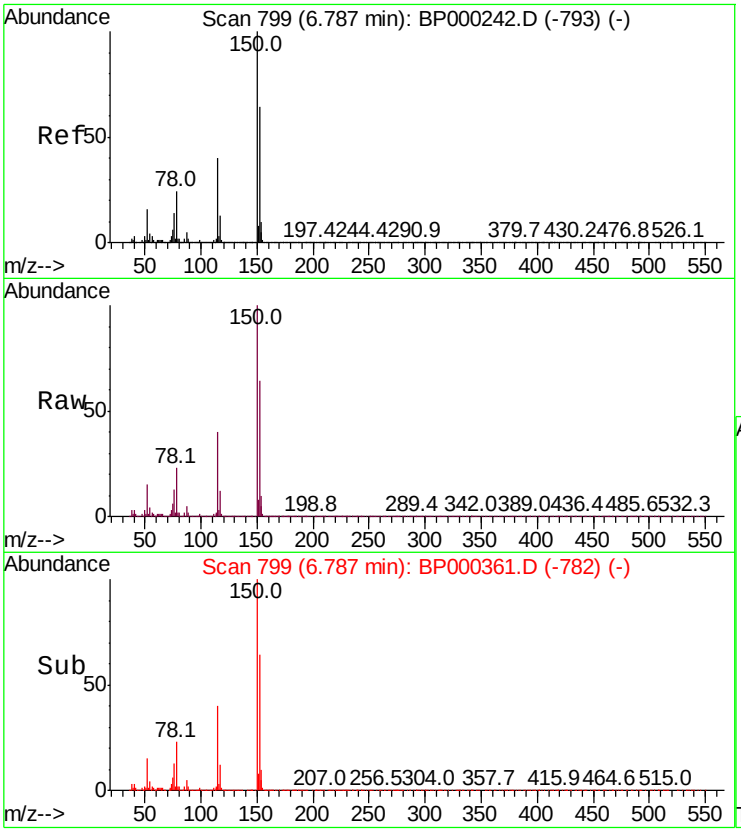
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration



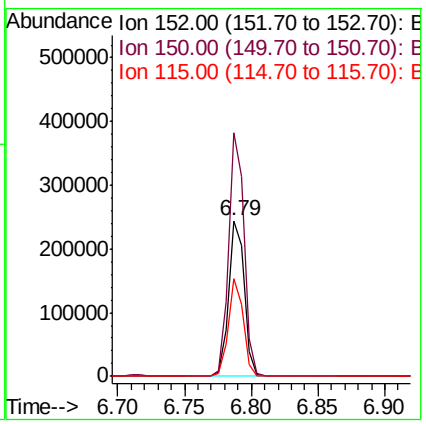


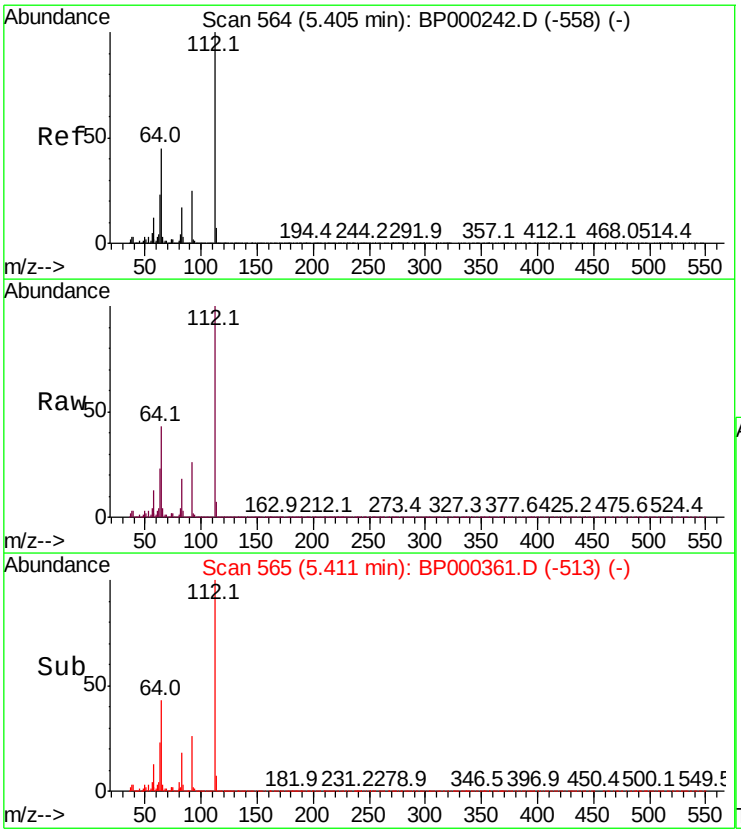
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 202439

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.2	187.8
115	62.6	49.7	74.5

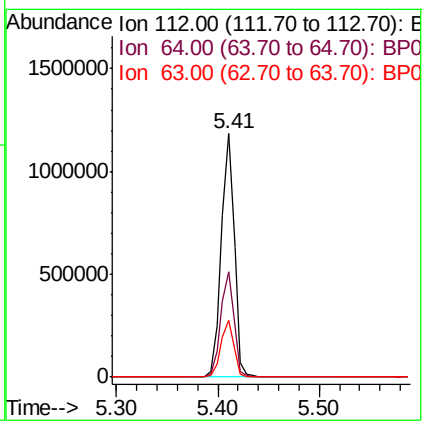


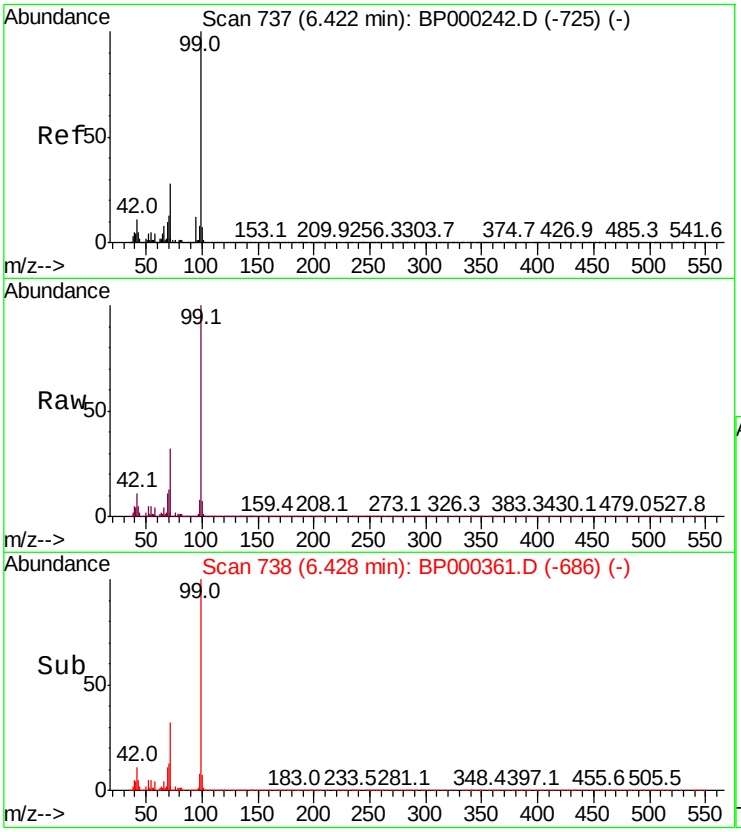


#5
2-Fluorophenol
Concen: 90.268 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Tgt Ion:112 Resp: 1058522

Ion	Ratio	Lower	Upper
112	100		
64	43.5	36.2	54.4
63	23.1	18.3	27.5



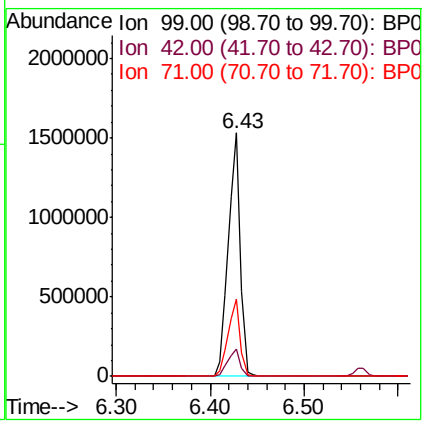


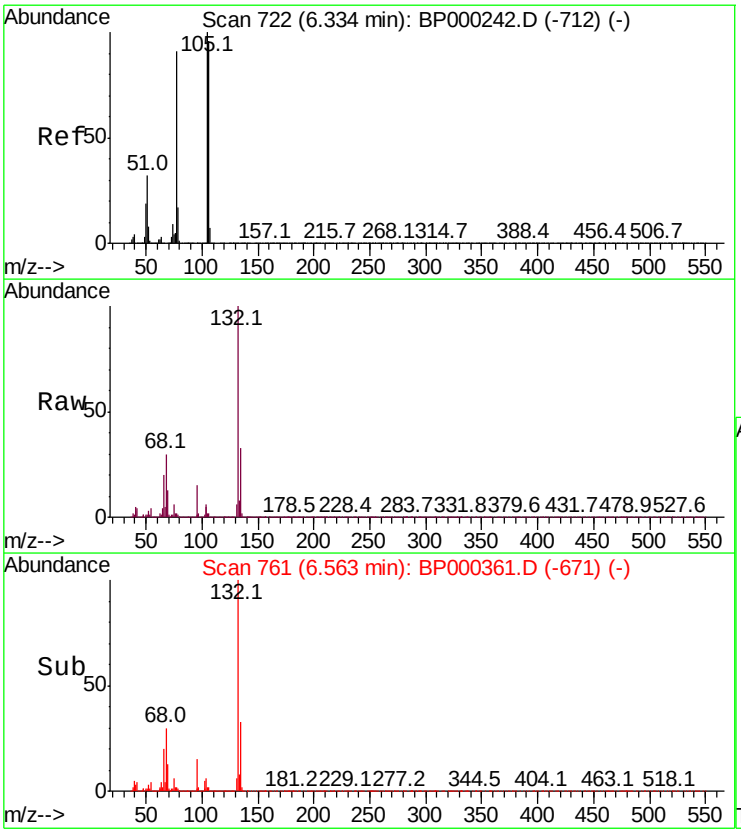
#7
Phenol-d6
Concen: 95.043 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1366159

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	31.9	22.6	34.0

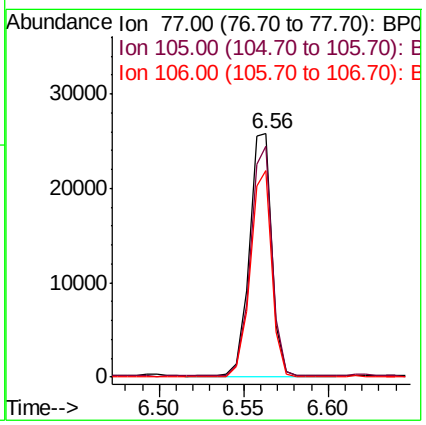


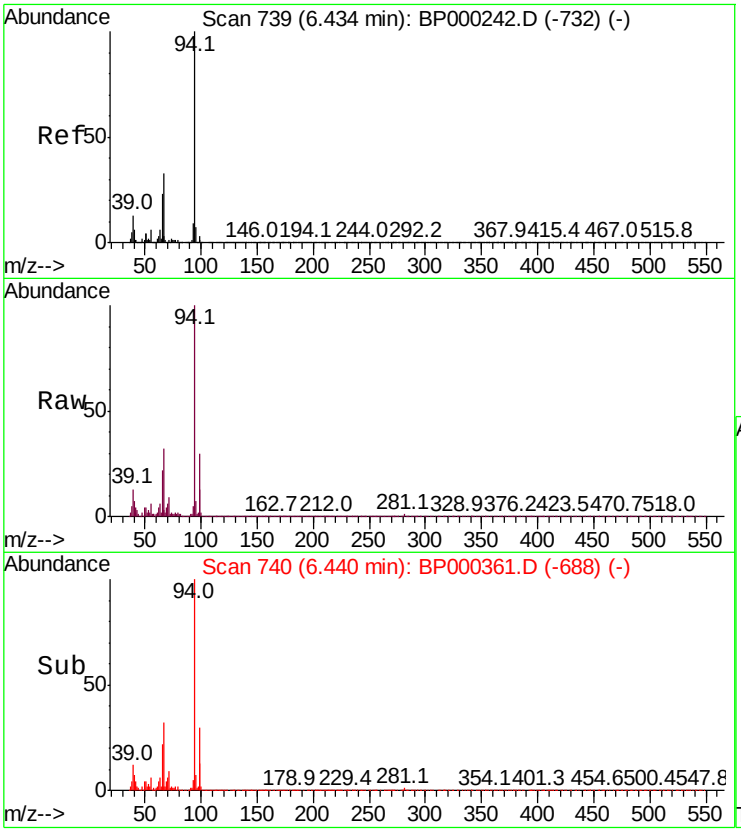


#9
Benzaldehyde
Concen: Below Cal
RT: 6.56 min Scan# 761
Delta R.T. 0.23 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 77 Resp: 24033

Ion	Ratio	Lower	Upper
77	100		
105	94.7	89.6	129.6
106	84.6	84.6	124.6



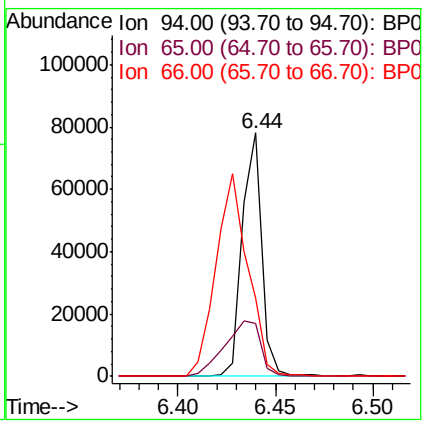


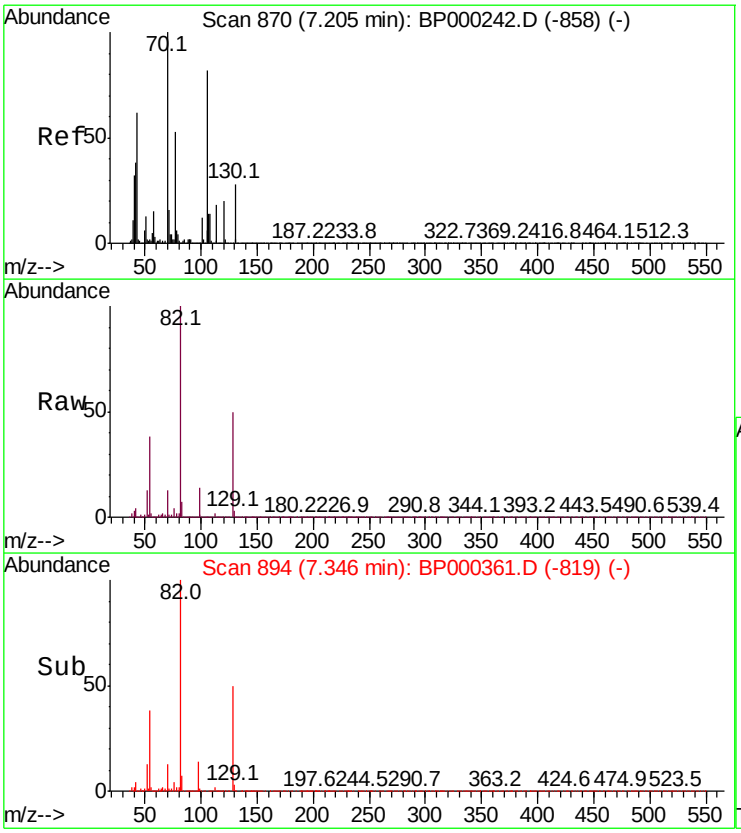
#10
Phenol
Concen: 3.330 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 54390

Ion	Ratio	Lower	Upper
94	100		
65	21.7	3.3	43.3
66	32.3	12.7	52.7

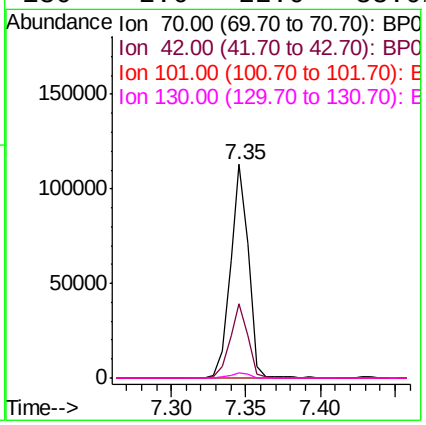


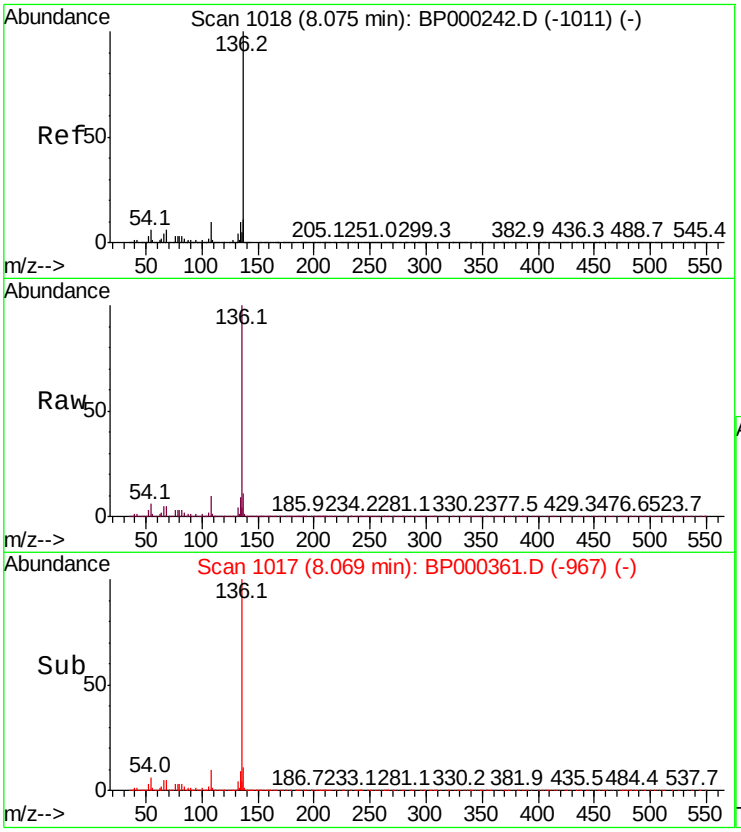


#19
n-Nitroso-di-n-propylamine
Concen: 12.586 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 70 Resp: 95655

Ion	Ratio	Lower	Upper
70	100		
42	34.7	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



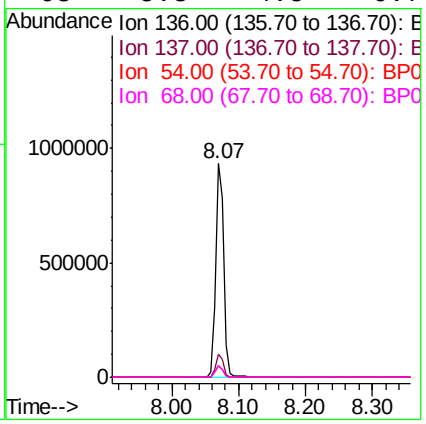


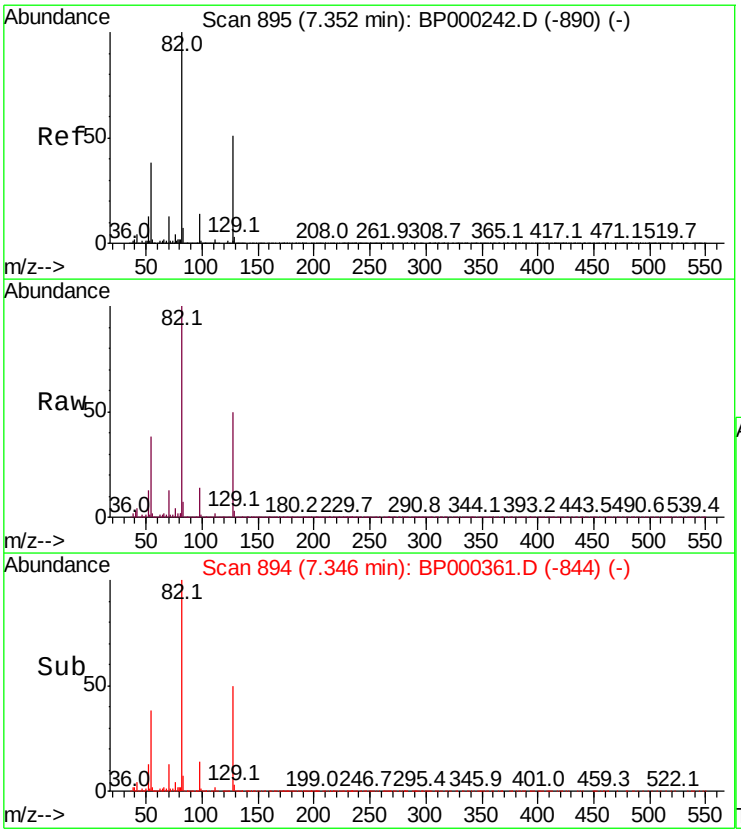
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 790939

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.6	4.5	6.7
68	5.3	4.5	6.7

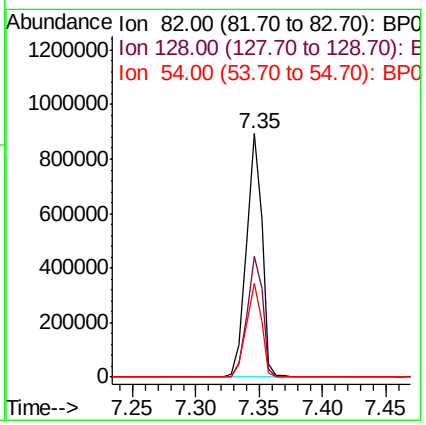


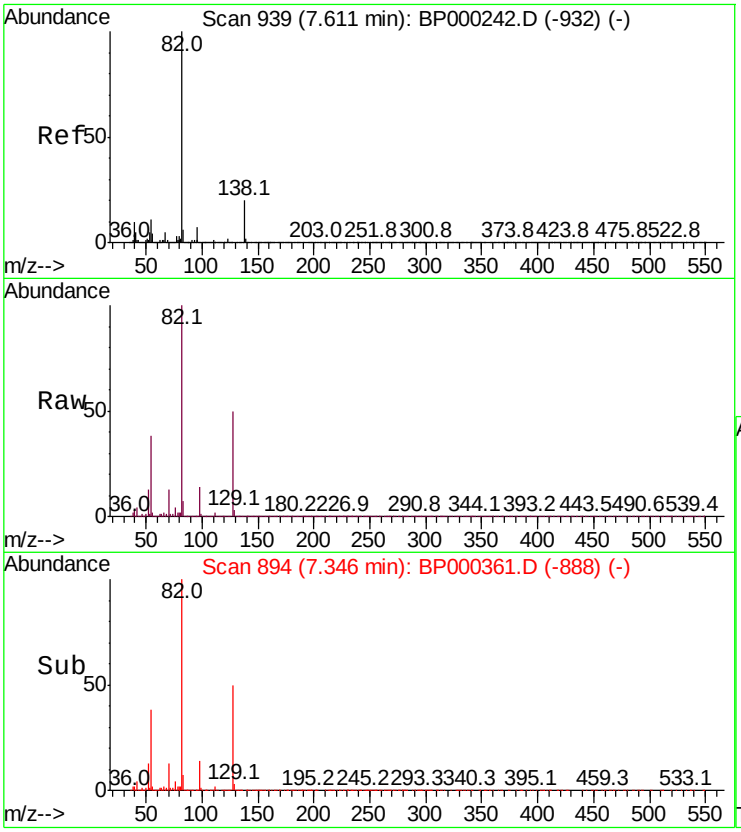


#23
Nitrobenzene-d5
Concen: 62.056 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Tgt Ion: 82 Resp: 760738

Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.7	61.1
54	38.4	30.1	45.1



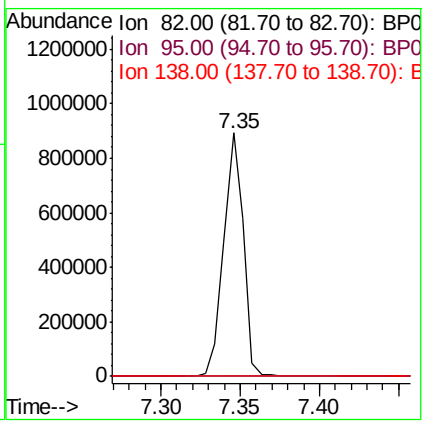


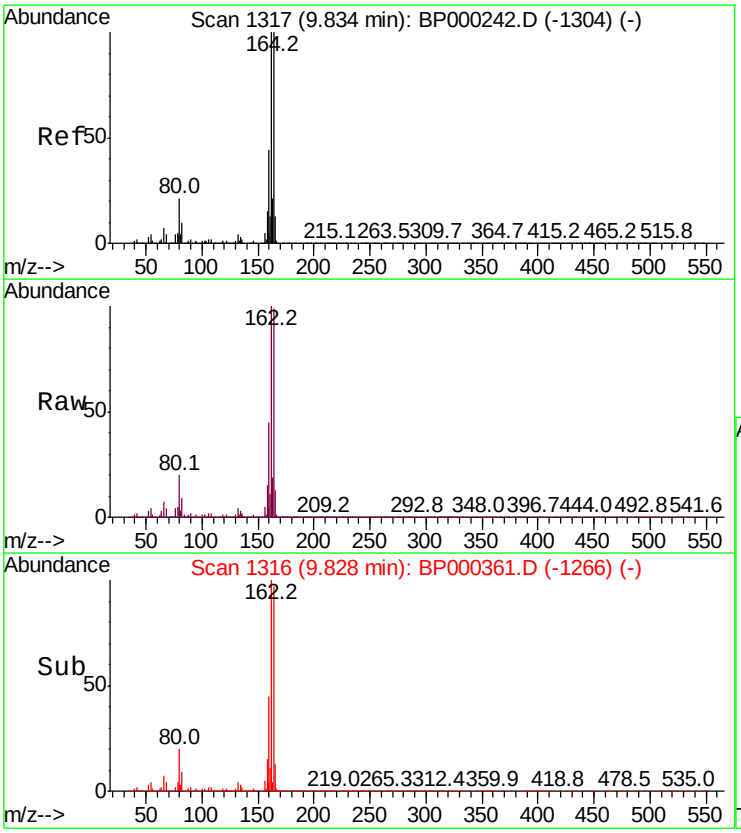
#25
Isophorone
Concen: 31.333 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 760587

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

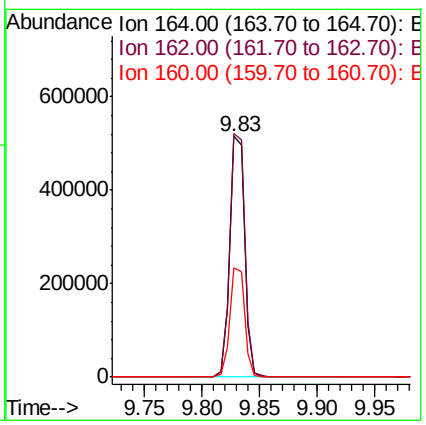


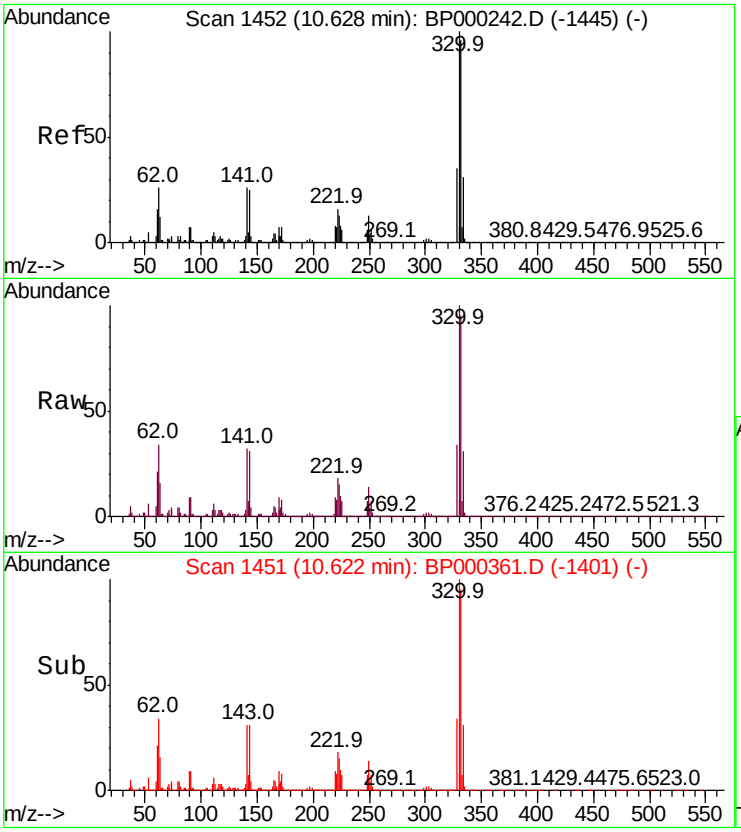


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Tgt Ion:164 Resp: 458379

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.9	119.9
160	45.6	35.6	53.4



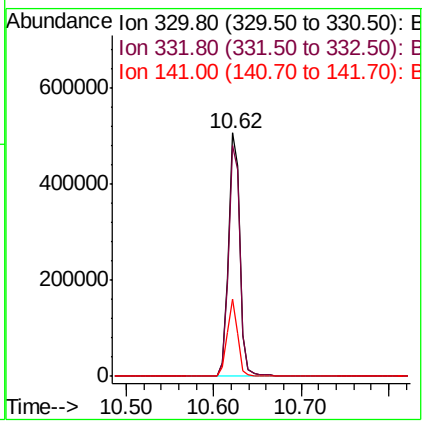


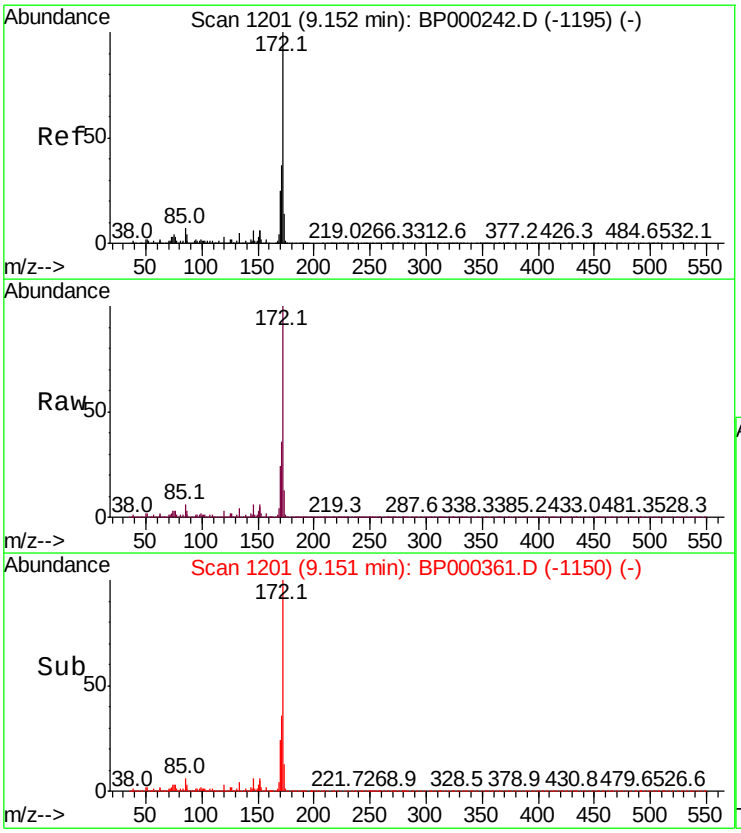
#42
2,4,6-Tribromophenol
Concen: 101.409 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 461054

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	29.4	26.5	39.7

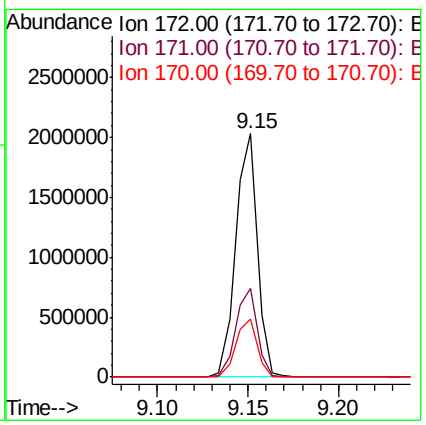


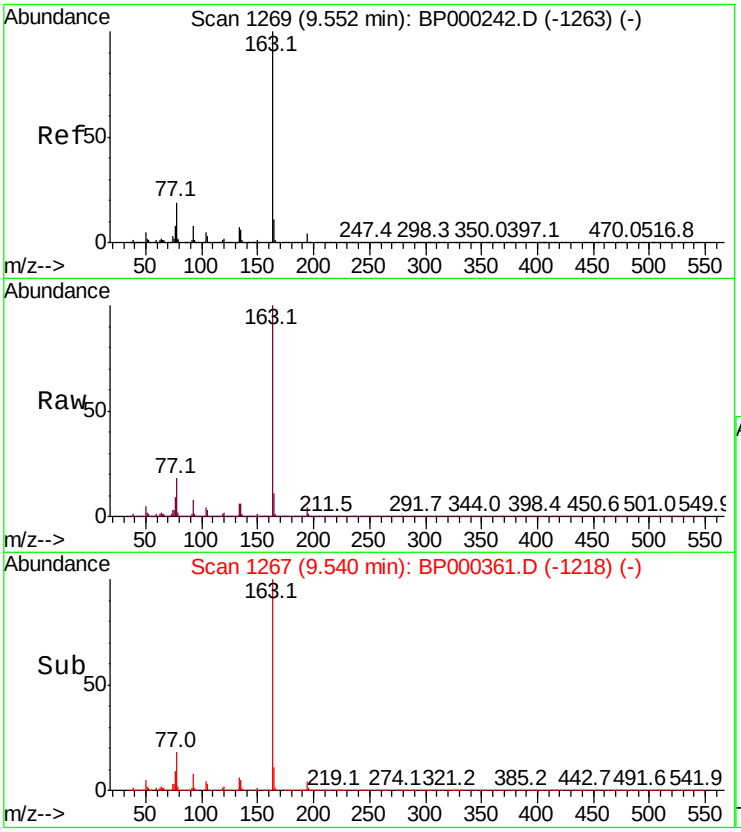


#45
2-Fluorobiphenyl
Concen: 66.310 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Tgt Ion:172 Resp: 1688795

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



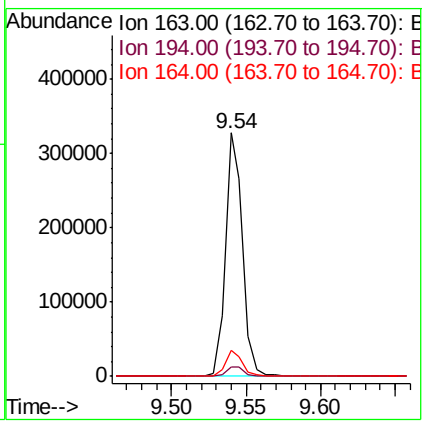


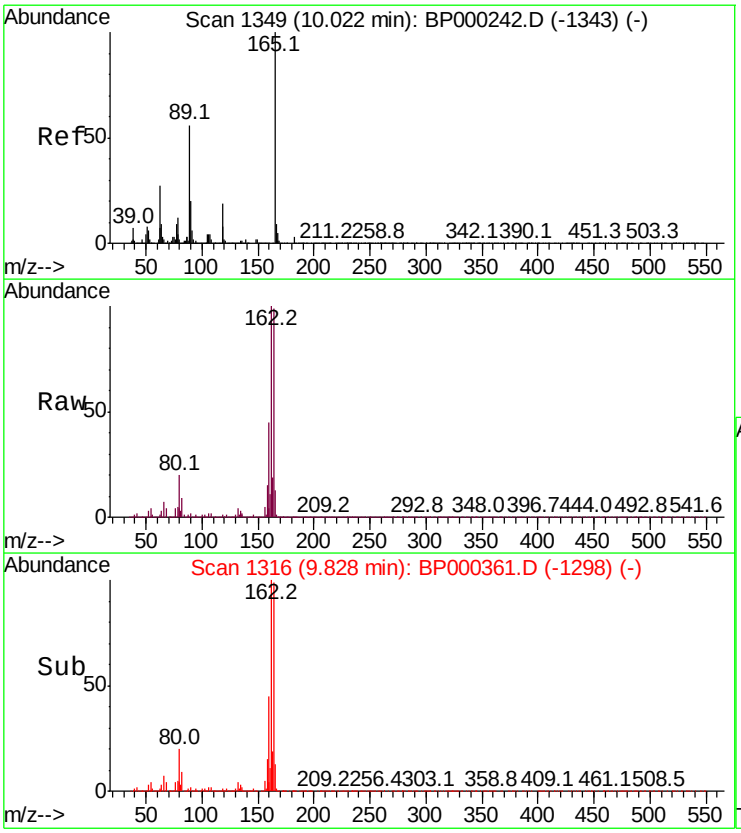
#50
Dimethylphthalate
Concen: 8.481 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 264863

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.5	8.5	12.7

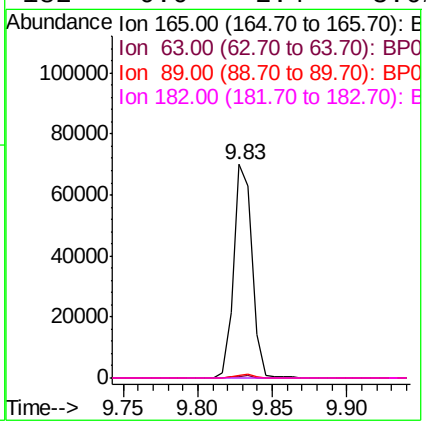


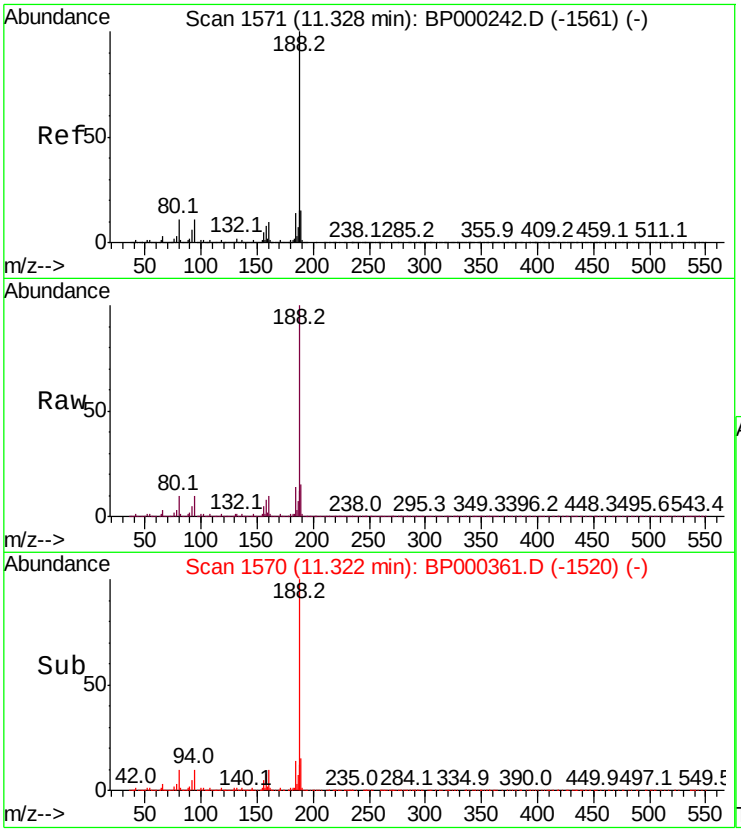


#57
2,4-Dinitrotoluene
Concen: 6.766 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Tgt Ion:165 Resp: 60739

Ion	Ratio	Lower	Upper
165	100		
63	0.8	21.7	32.5#
89	1.3	45.0	67.6#
182	0.0	2.4	3.6#



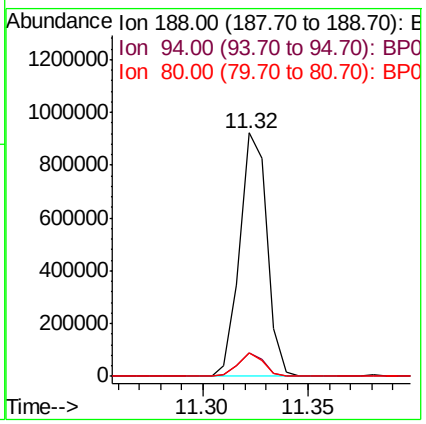


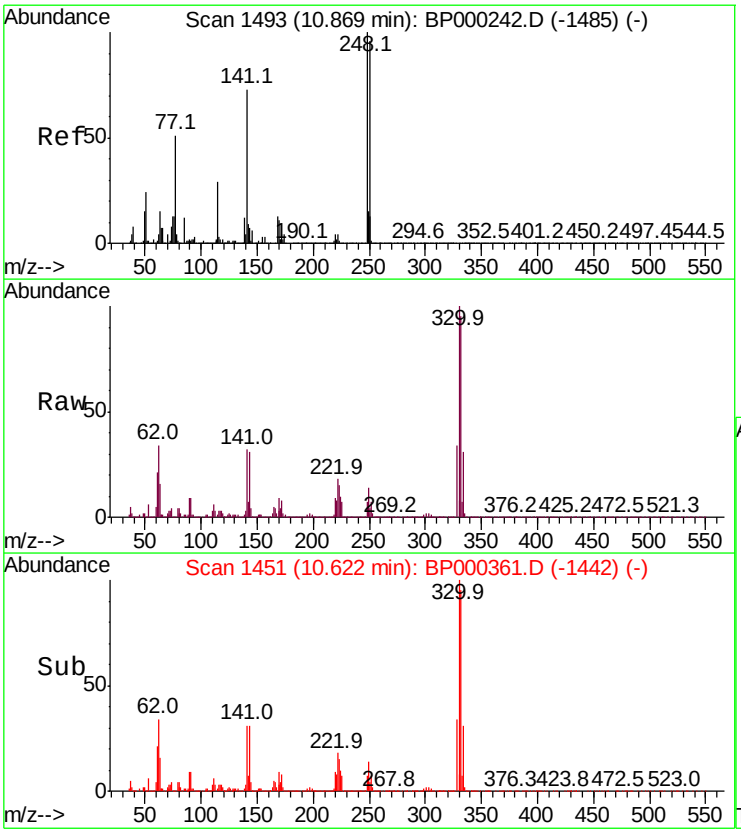
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 824177

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.6	8.6	13.0

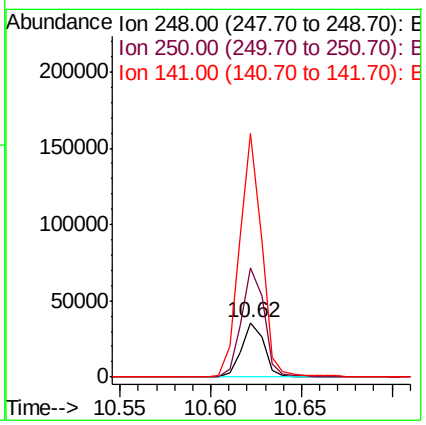


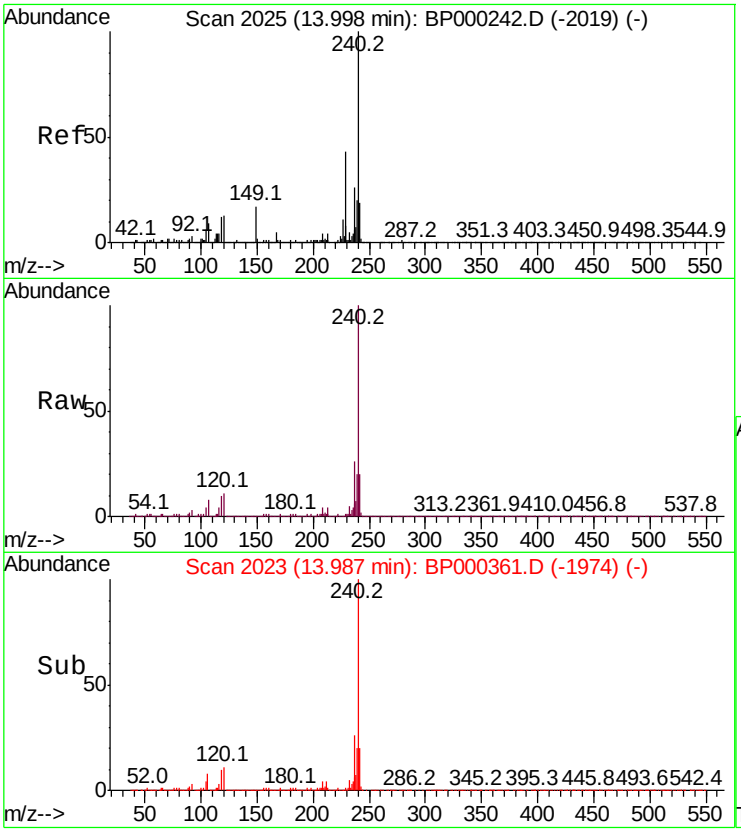


#67
4-Bromophenyl-phenylether
Concen: 3.321 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Tgt Ion:248 Resp: 30952

Ion	Ratio	Lower	Upper
248	100		
250	199.9	77.0	115.4#
141	447.1	58.5	87.7#



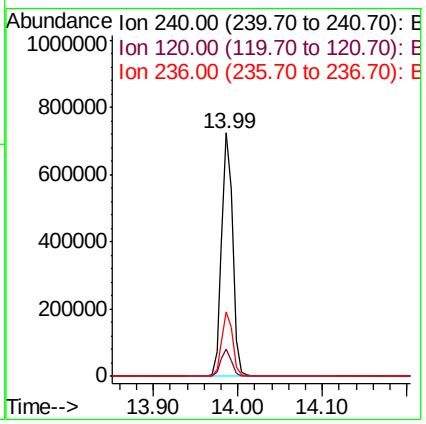


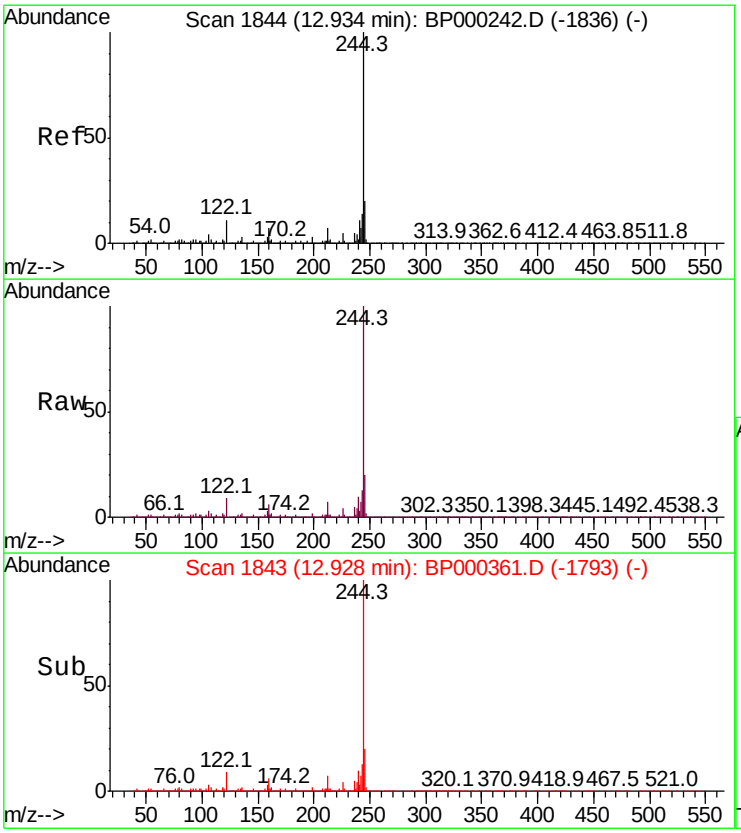
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 660191

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.4	15.6
236	26.2	21.0	31.6

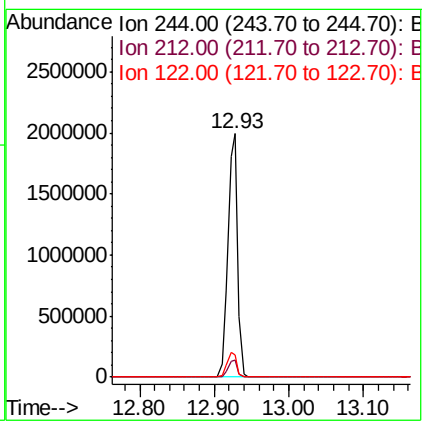


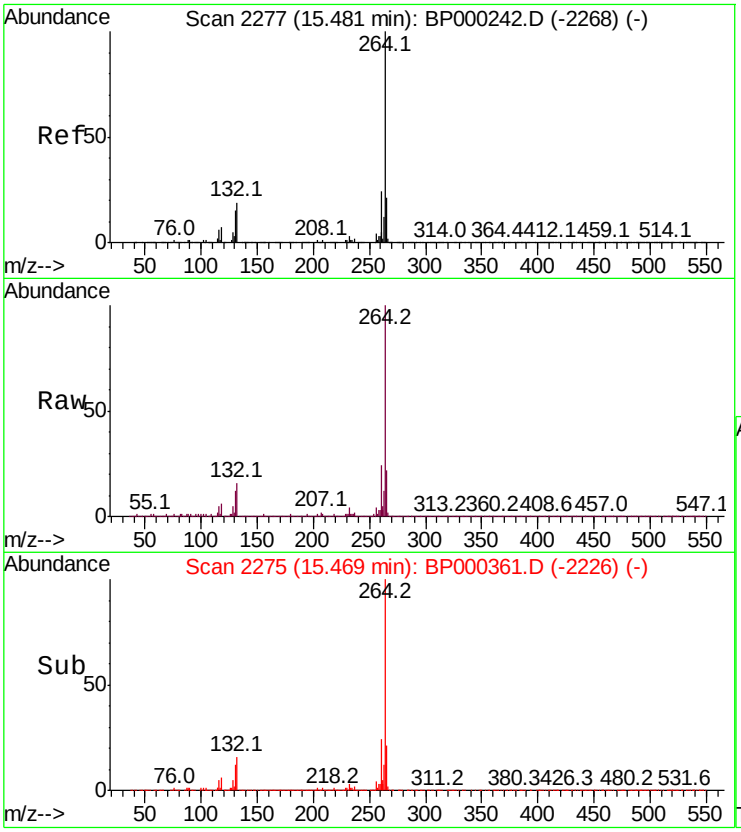


#79
Terphenyl-d14
Concen: 57.978 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Tgt Ion:244 Resp: 1824580

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	8.9	9.0	13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000361.D
Acq: 20 Sep 2019 18:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 744280

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	17.2	25.8