Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000306.D
Acq On : 18 Sep 2019 18:50
Operator : HP/JU
Sample : K4942-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 19 04:20:47 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	285874	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1028436	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	574064	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1043907	20.00	ng		0.00
76) Chrysene-d12	13.99	240	842104	20.00	ng		-0.01
87) Perylene-d12	15.47	264	910676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1513792	91.42	ng		0.01
7) Phenol-d6	6.43	99	1937256	95.44	ng		0.00
23) Nitrobenzene-d5	7.35	82	1105585	69.36	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	662134	116.29	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2444425	76.64	ng		0.00
79) Terphenyl-d14	12.93	244	2720789	67.78	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	33083	Below Cal			84
10) Phenol	6.44	94	53438	2.317	ng		99
19) n-Nitroso-di-n-propylamine	7.35	70	135032	12.582	ng	#	76
25) Isophorone	7.35	82	1103363	34.957	ng	#	63
50) Dimethylphthalate	9.55	163	283071	7.237	ng		98
57) 2,4-Dinitrotoluene	9.83	165	75601	6.725	ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	44462	3.767	ng	#	1
69) Atrazine	11.02	200	433	Below Cal		#	48

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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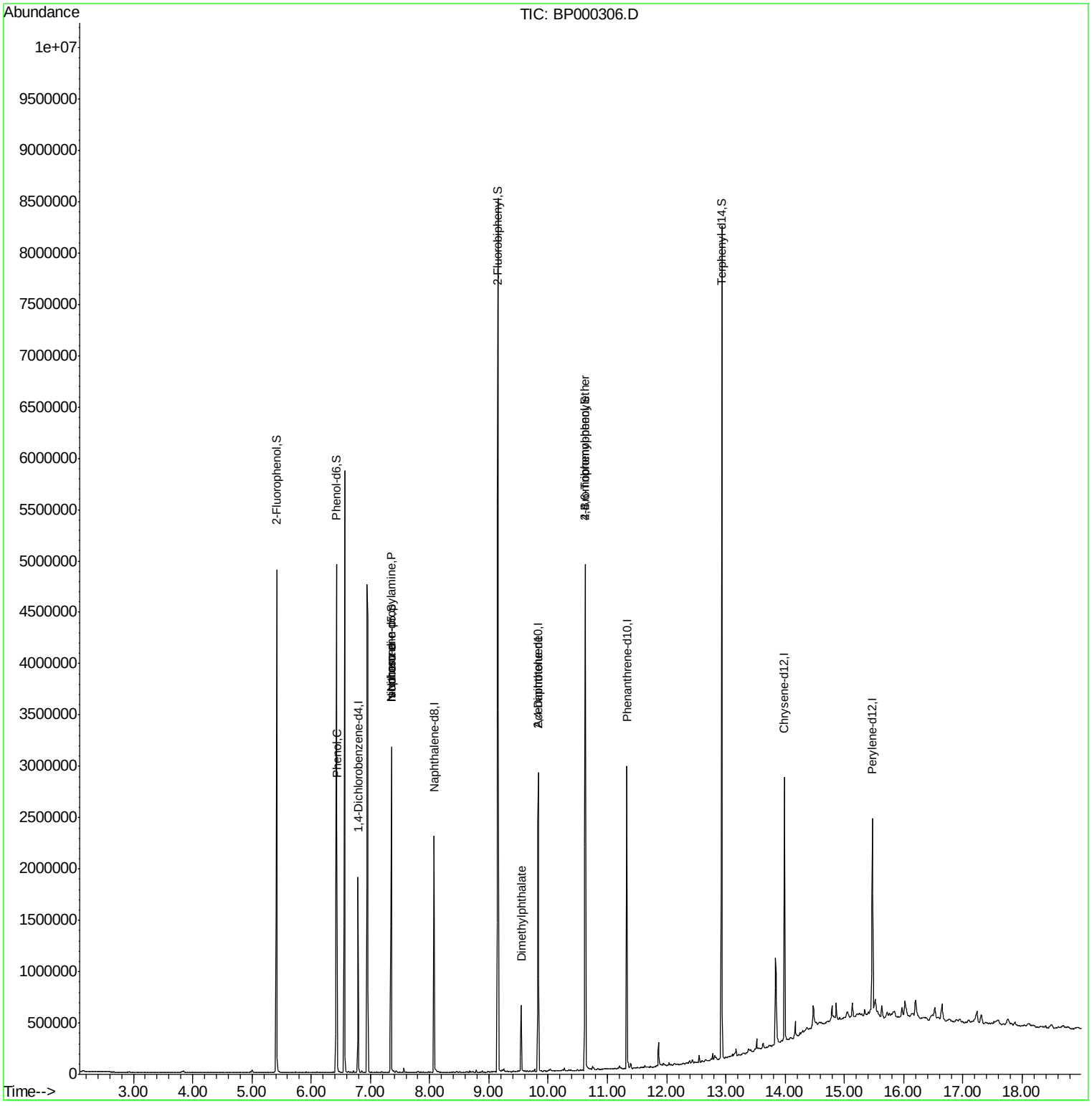
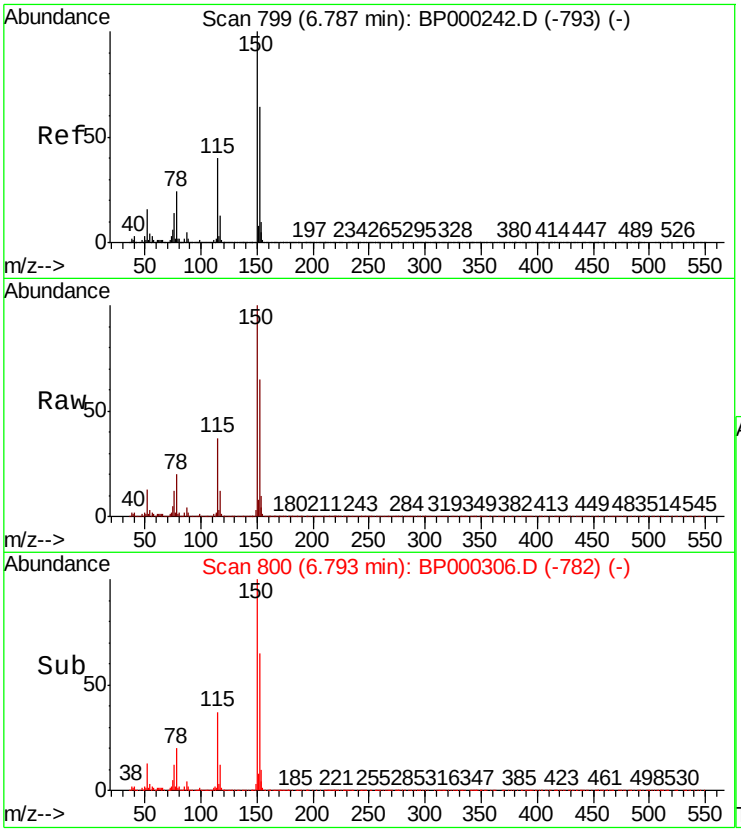


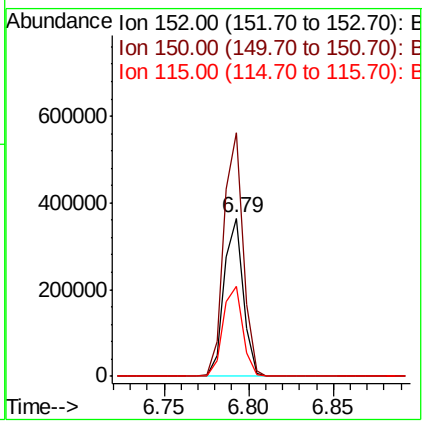


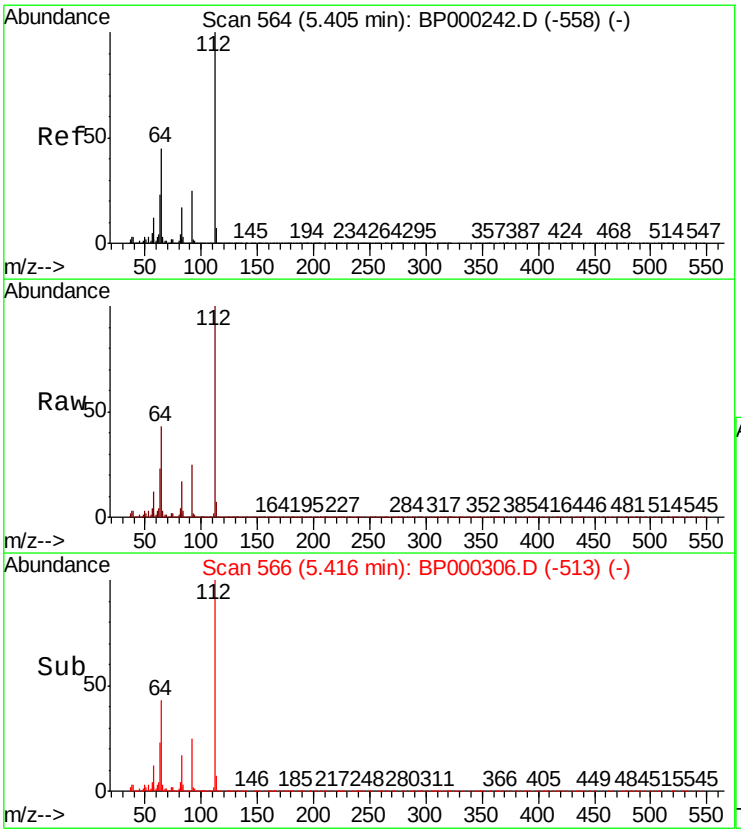
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 285874

Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.2	187.8
115	56.6	49.7	74.5

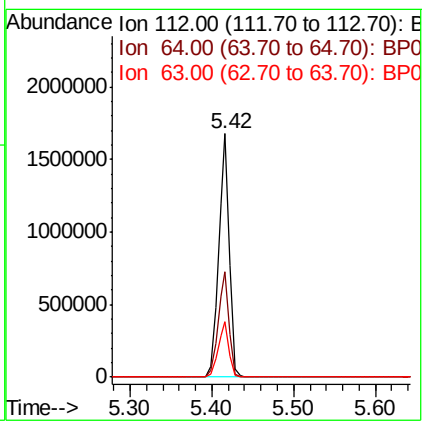


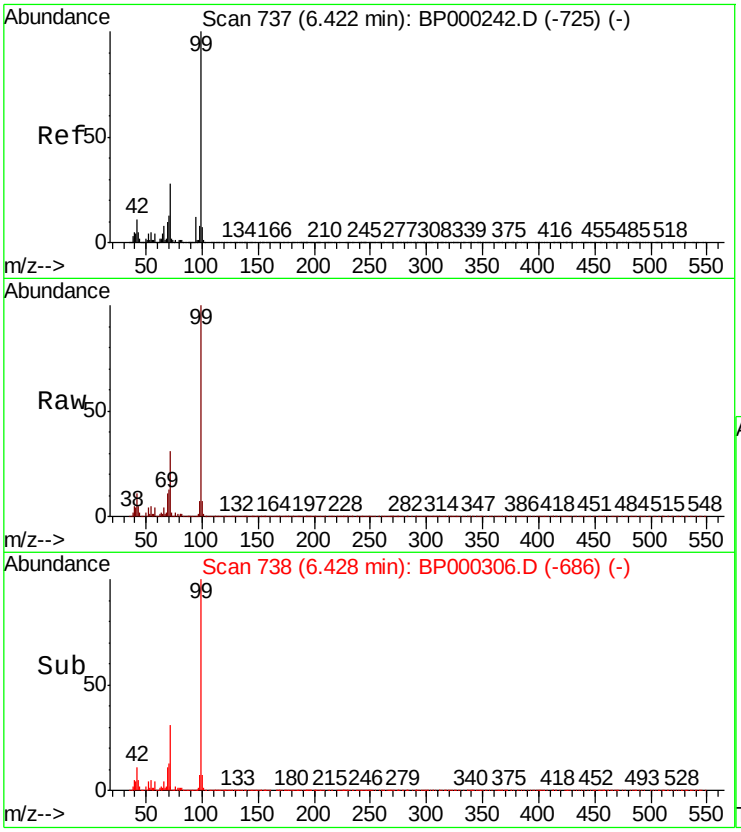


#5
2-Fluorophenol
Concen: 91.416 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Tgt Ion:112 Resp: 1513792

Ion	Ratio	Lower	Upper
112	100		
64	43.4	36.2	54.4
63	22.7	18.3	27.5



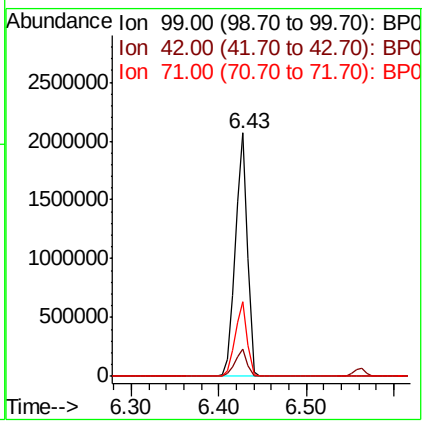


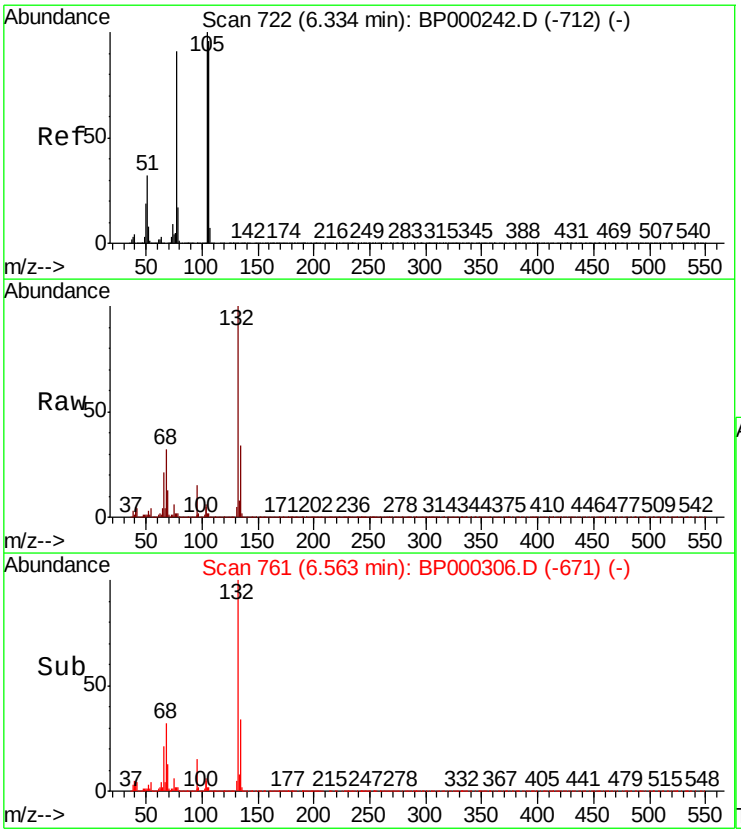
#7
Phenol-d6
Concen: 95.439 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1937256

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.5	12.7
71	30.8	22.6	34.0

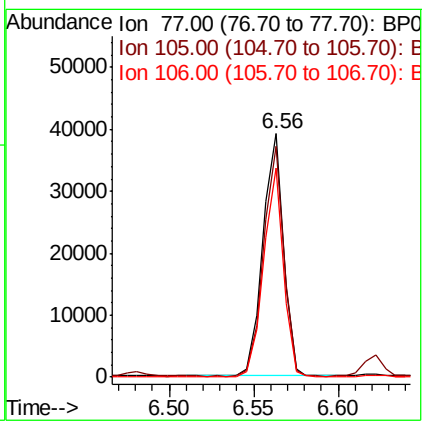


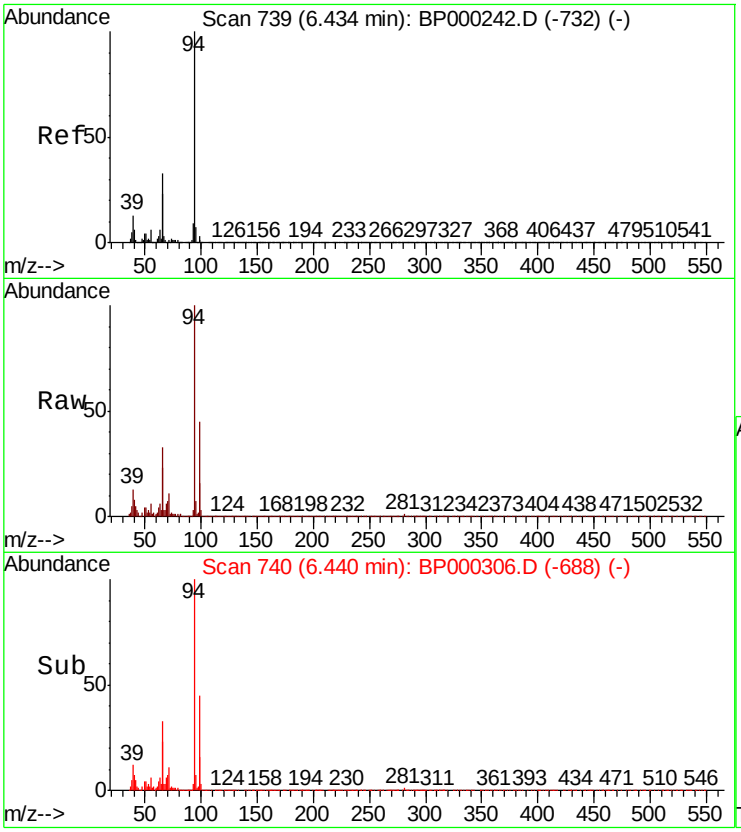


#9
Benzaldehyde
Concen: Below Cal
RT: 6.56 min Scan# 761
Delta R.T. 0.23 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Tgt Ion: 77 Resp: 33083

Ion	Ratio	Lower	Upper
77	100		
105	94.8	89.6	129.6
106	85.7	84.6	124.6



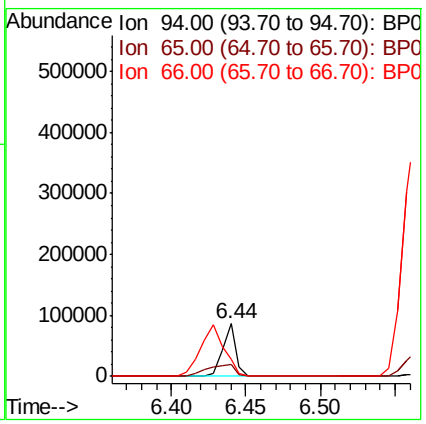


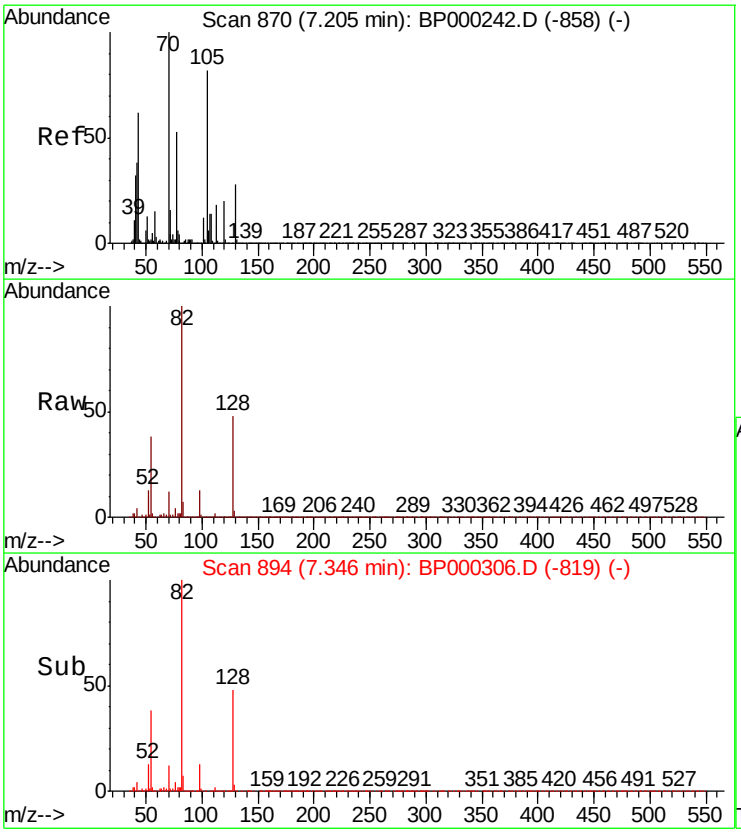
#10
Phenol
Concen: 2.317 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 53438

Ion	Ratio	Lower	Upper
94	100		
65	22.7	3.3	43.3
66	32.5	12.7	52.7

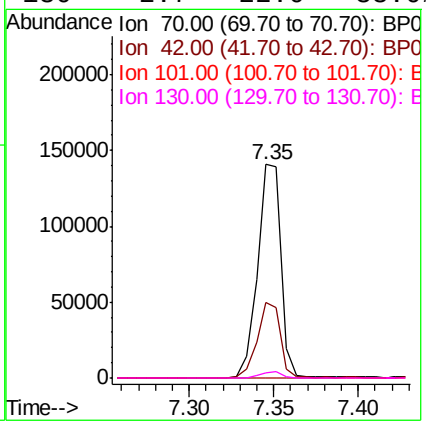


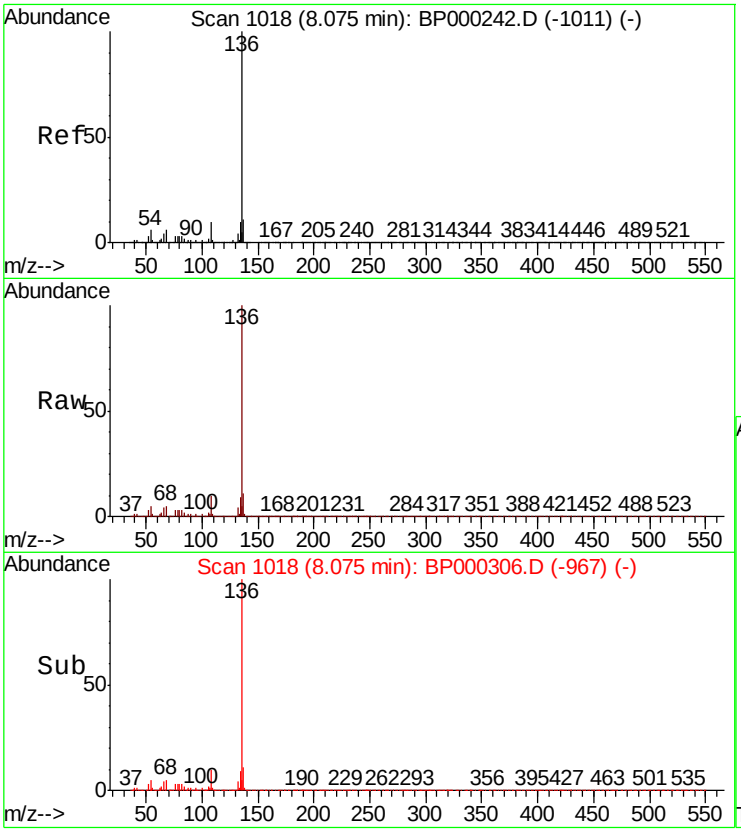


#19
n-Nitroso-di-n-propylamine
Concen: 12.582 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Tgt Ion: 70 Resp: 135032

Ion	Ratio	Lower	Upper
70	100		
42	35.2	30.7	46.1
101	0.0	9.6	14.4#
130	2.7	22.0	33.0#



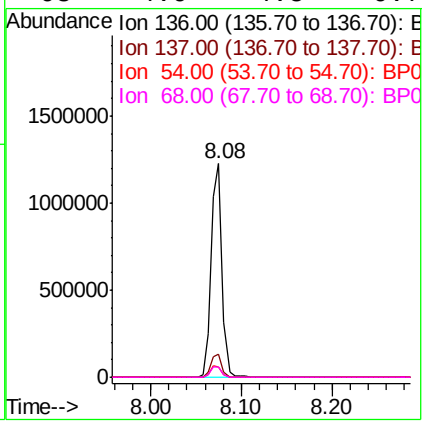


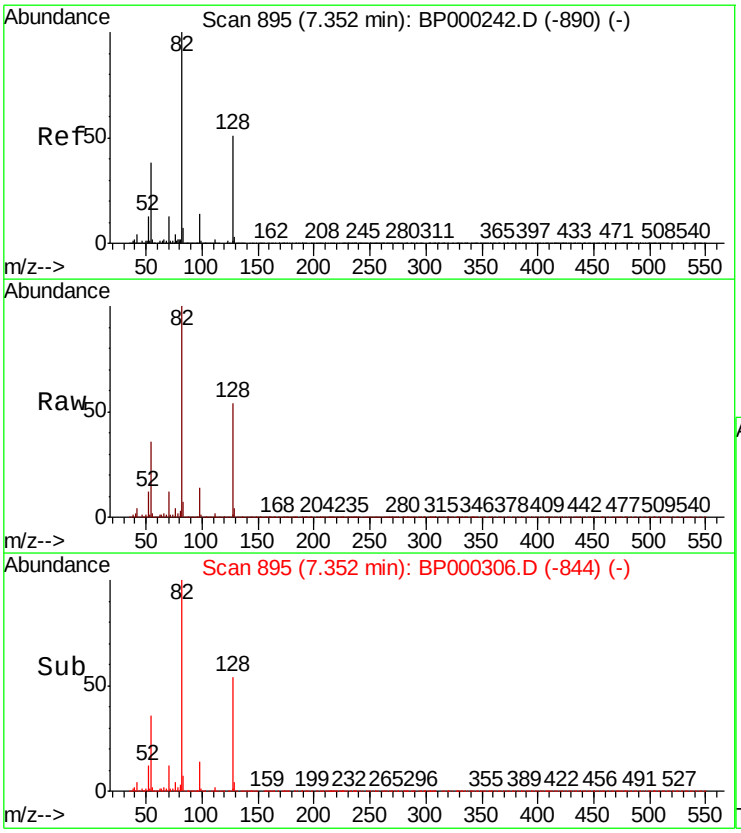
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1028436

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.0	4.5	6.7
68	4.9	4.5	6.7

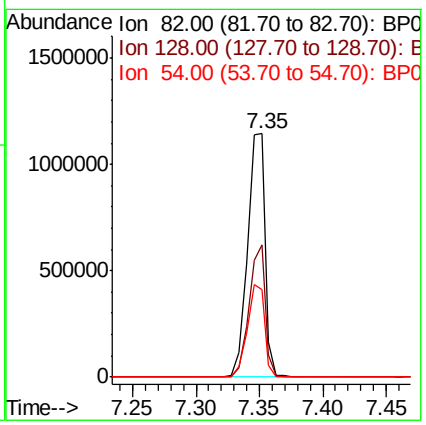


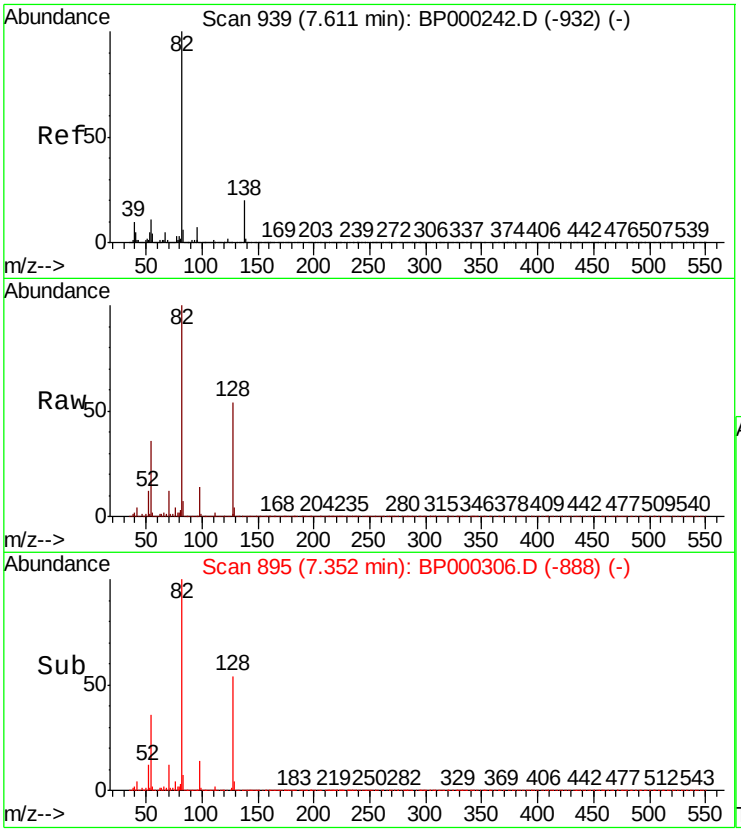


#23
Nitrobenzene-d5
Concen: 69.359 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Tgt Ion: 82 Resp: 1105585

Ion	Ratio	Lower	Upper
82	100		
128	54.1	40.7	61.1
54	35.8	30.1	45.1

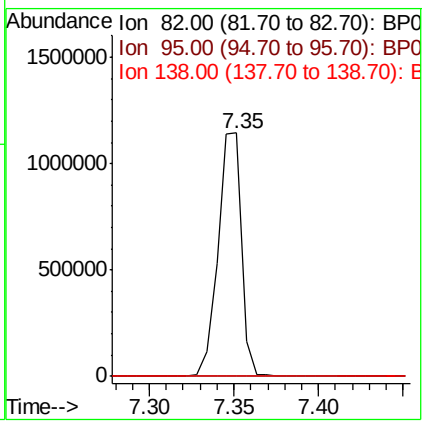




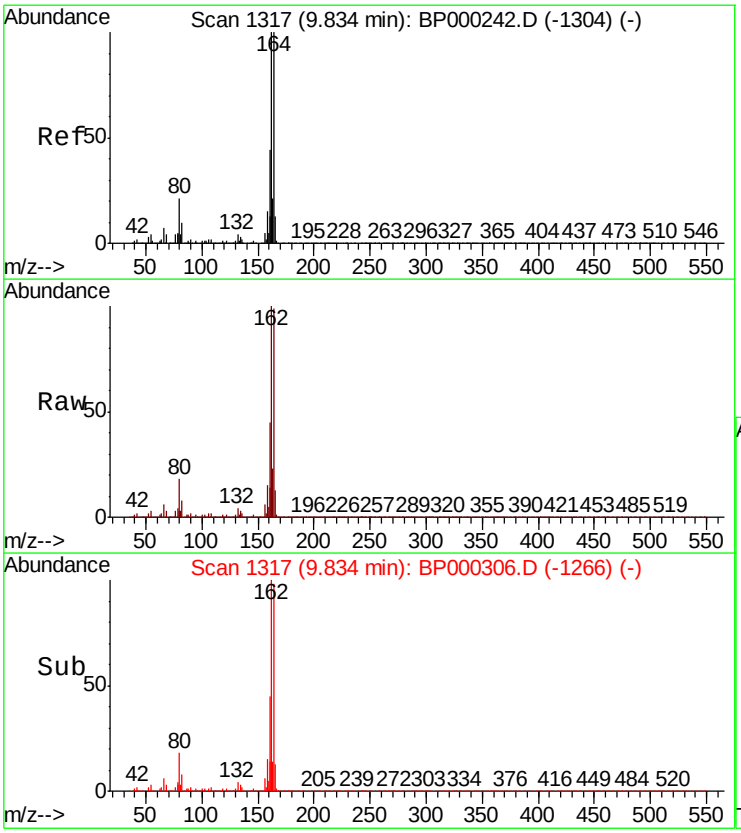
#25
Isophorone
Concen: 34.957 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Tgt Ion: 82 Resp: 1103363

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	15.9	23.9#



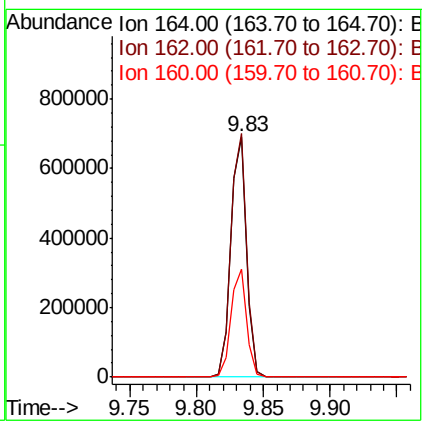
Instrument :
BNA_P
ClientSampleId :

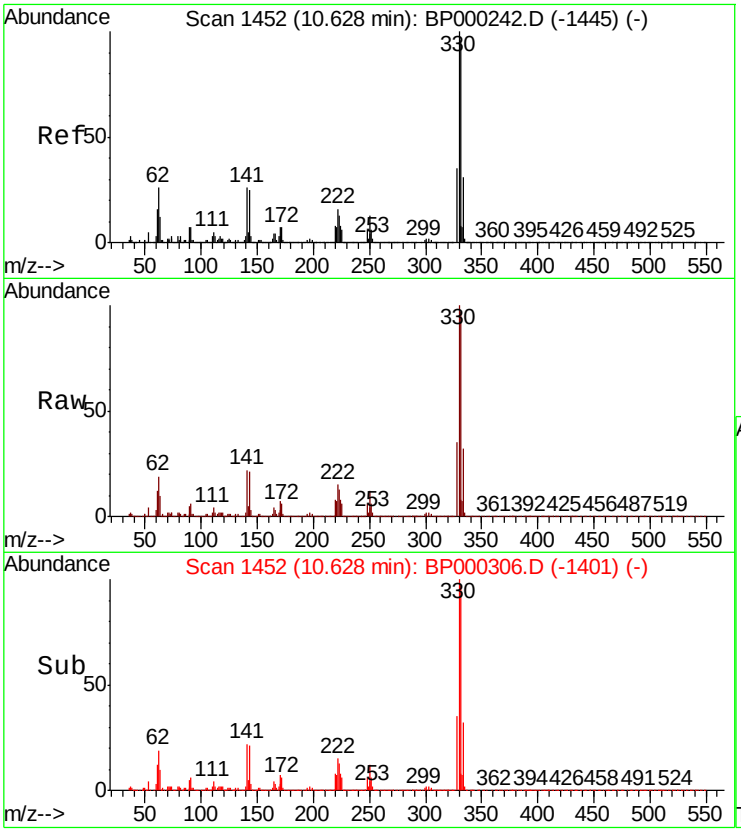


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Tgt Ion:164 Resp: 574064

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.9	119.9
160	45.2	35.6	53.4



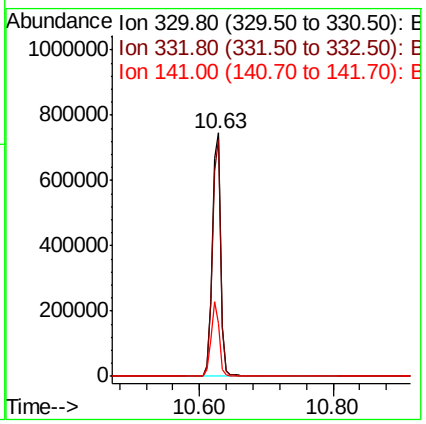


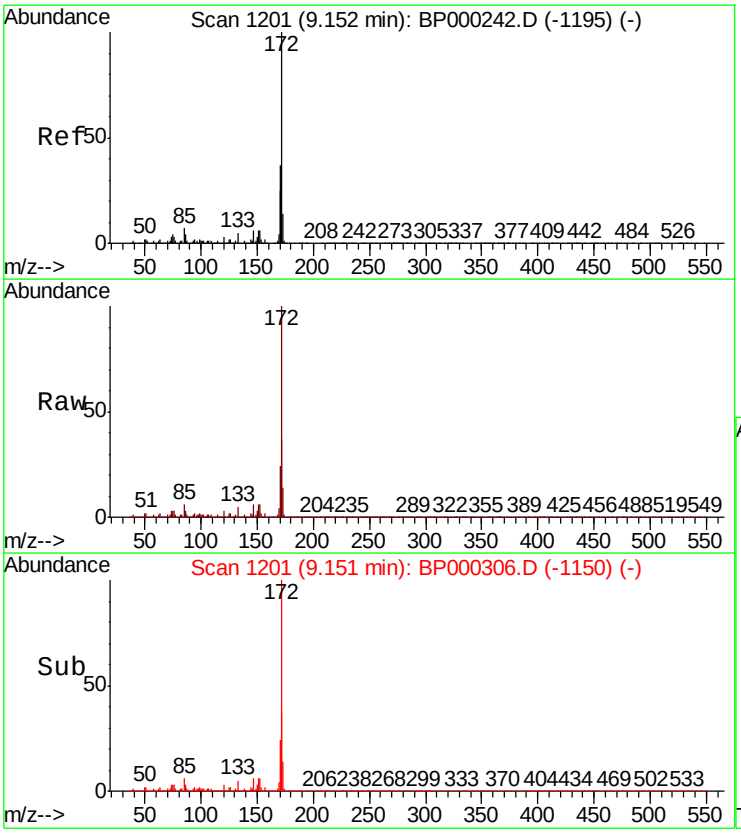
#42
2,4,6-Tribromophenol
Concen: 116.287 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 662134

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	29.6	26.5	39.7

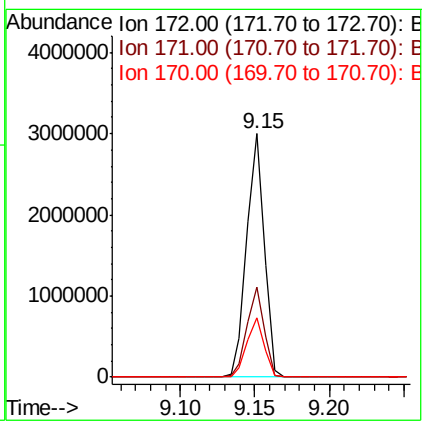


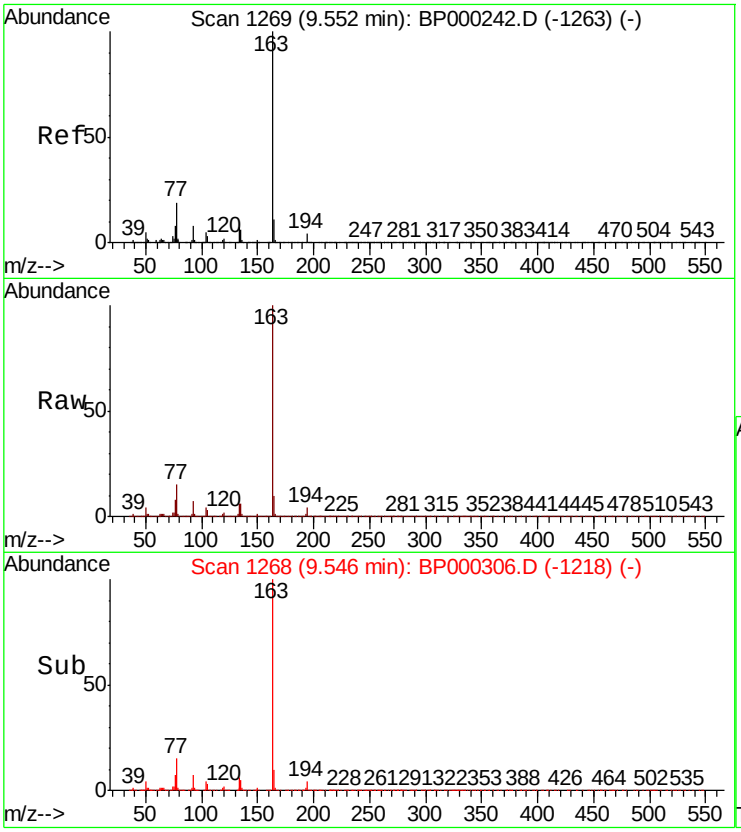


#45
2-Fluorobiphenyl
Concen: 76.638 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Tgt Ion:172 Resp: 2444425

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.3	19.8	29.6



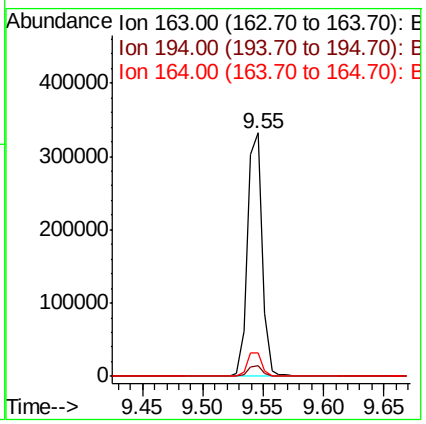


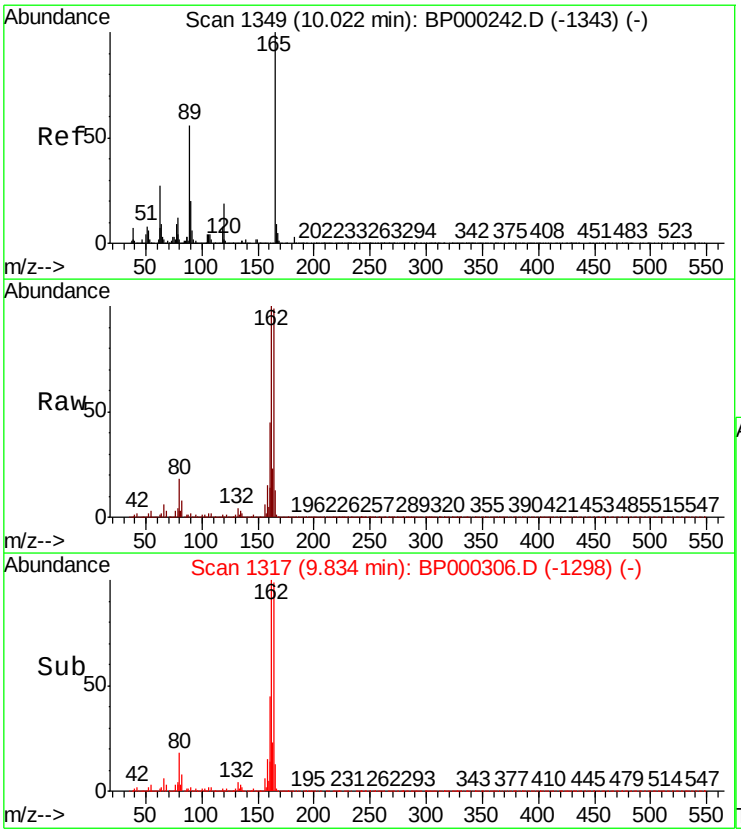
#50
Dimethylphthalate
Concen: 7.237 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 283071

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.6	8.5	12.7

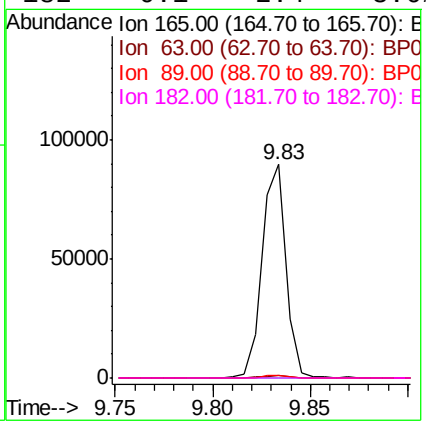


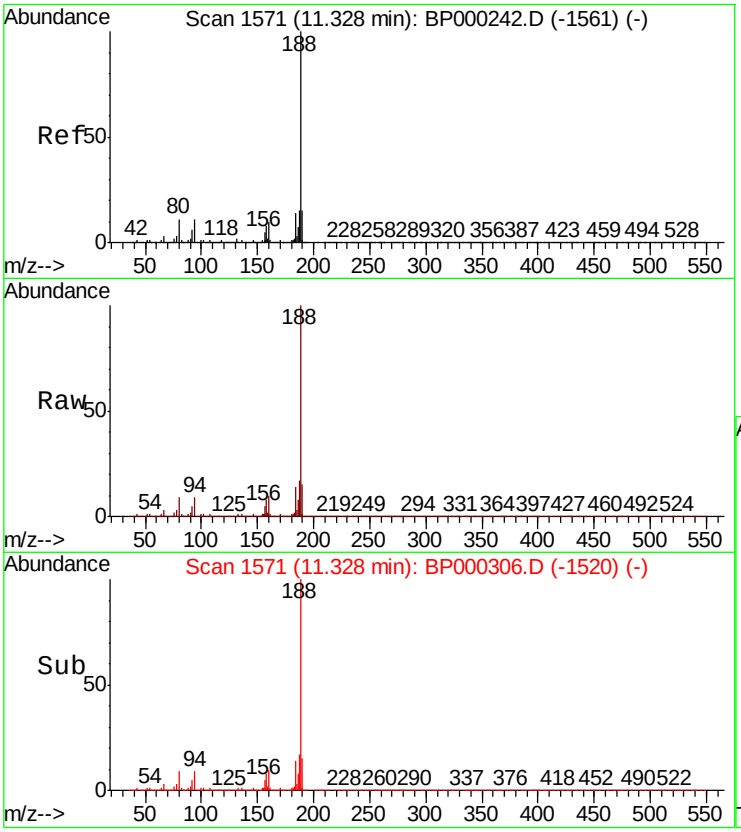


#57
2,4-Dinitrotoluene
Concen: 6.725 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Tgt Ion:165 Resp: 75601

Ion	Ratio	Lower	Upper
165	100		
63	1.1	21.7	32.5#
89	1.4	45.0	67.6#
182	0.1	2.4	3.6#



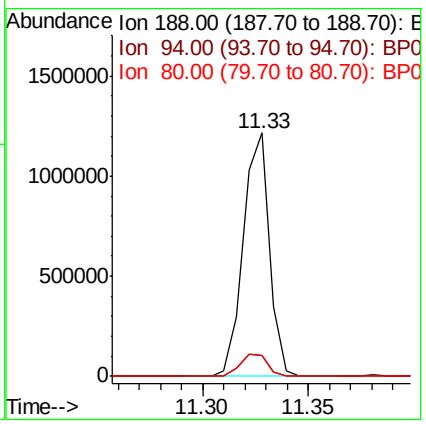


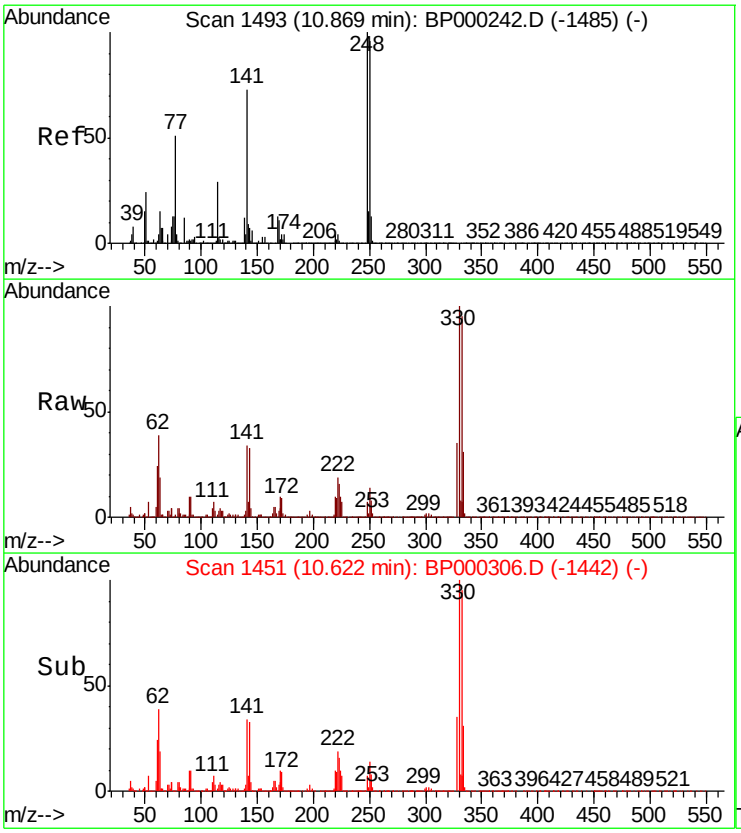
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1043907

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

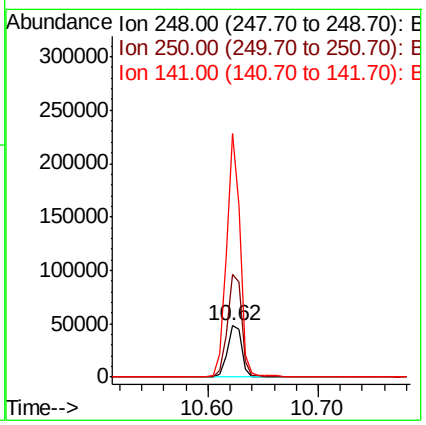


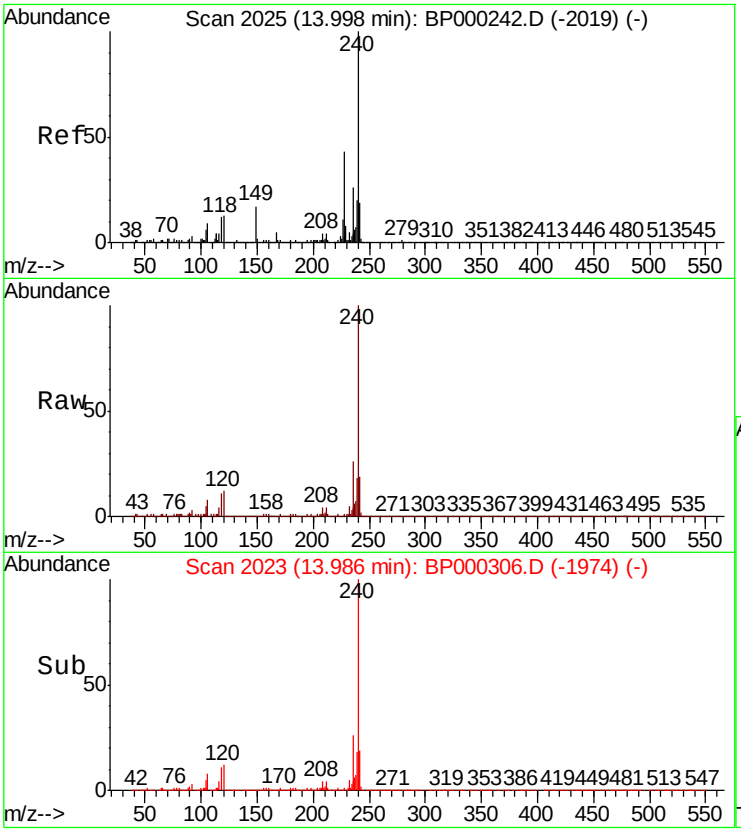


#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Tgt Ion:248 Resp: 44462

Ion	Ratio	Lower	Upper
248	100		
250	201.5	77.0	115.4#
141	475.8	58.5	87.7#



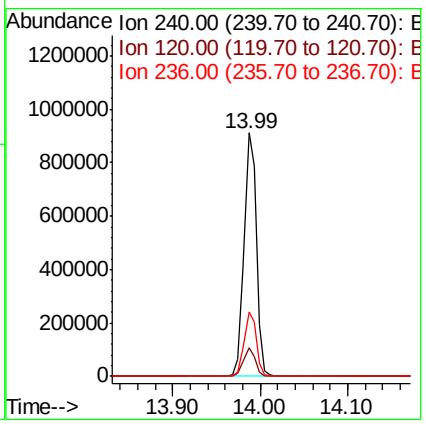


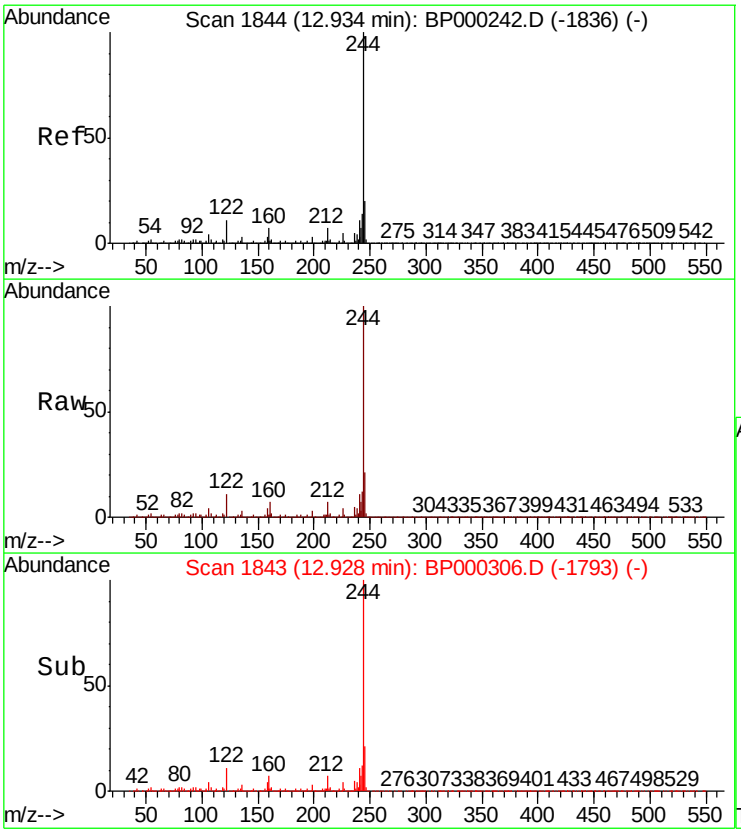
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 842104

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.4	15.6
236	26.2	21.0	31.6

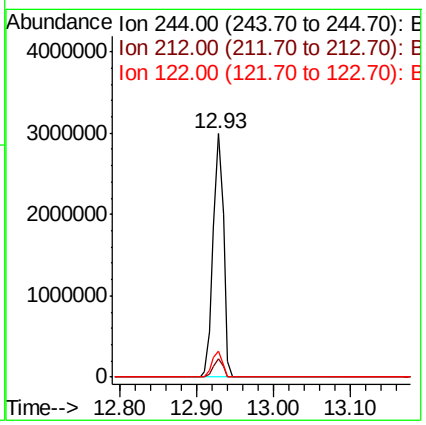


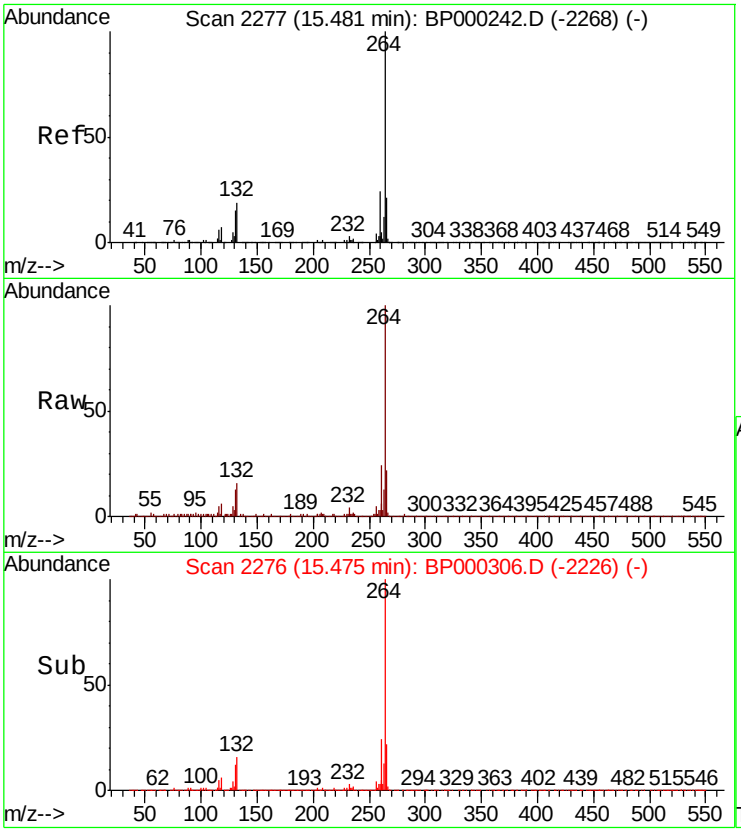


#79
Terphenyl-d14
Concen: 67.780 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Tgt Ion:244 Resp: 2720789

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: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000306.D
Acq: 18 Sep 2019 18:50

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 910676

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.0	17.2	25.8