Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
Data File : BP000608.D
Acq On : 10 Oct 2019 12:03
Operator : JU
Sample : PB123785BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB123785BL

Quant Time: Oct 11 02:21:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	263269	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	973707	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	558263	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	1045095	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	900033	20.00	ng		-0.02
87) Perylene-d12	15.44	264	958047	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1520356	92.83	ng		-0.02
7) Phenol-d6	6.39	99	1958572	99.24	ng		-0.02
23) Nitrobenzene-d5	7.31	82	1096715	68.79	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	655077	110.12	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	2446960	70.92	ng		-0.02
79) Terphenyl-d14	12.90	244	3212439	72.27	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	134145	14.746	ng	#	73
25) Isophorone	7.31	82	1096831	38.764	ng	#	61
41) Hexachlorocyclopentadiene	8.66	237	23	7.300	ng		89
50) Dimethylphthalate	9.51	163	179062	4.616	ng		99
51) 2,6-Dinitrotoluene	9.80	165	71807	8.489	ng	#	35
57) 2,4-Dinitrotoluene	9.80	165	71807	6.402	ng	#	31
67) 4-Bromophenyl-phenylether	10.59	248	45795	3.893	ng	#	1

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

Quantitation Report (Not Reviewed)

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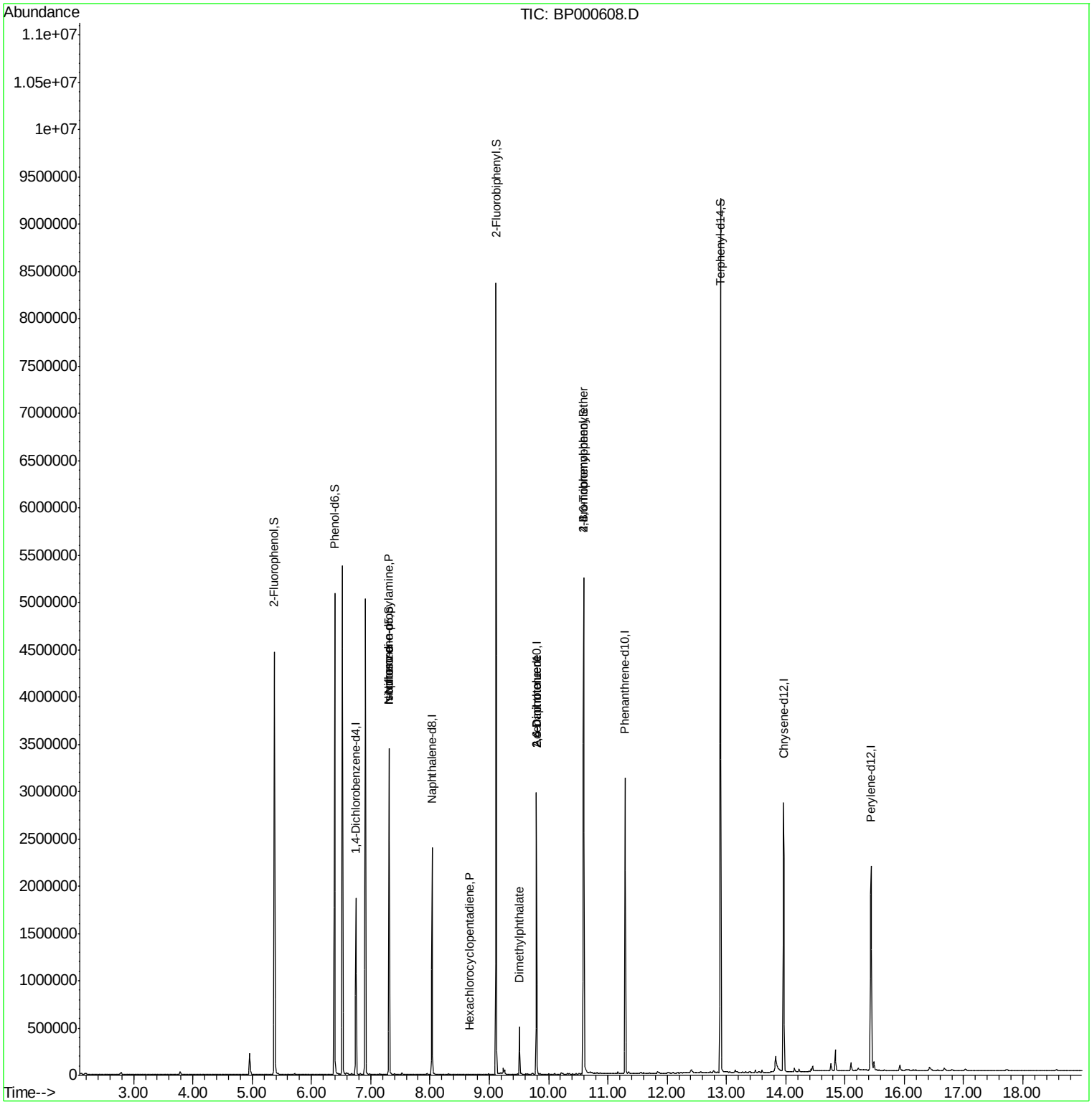
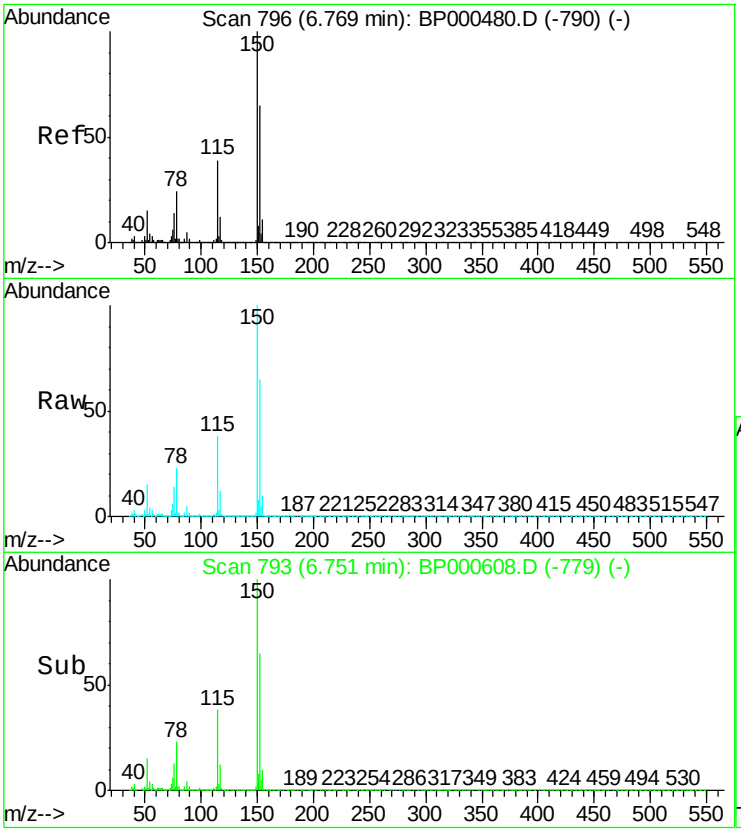


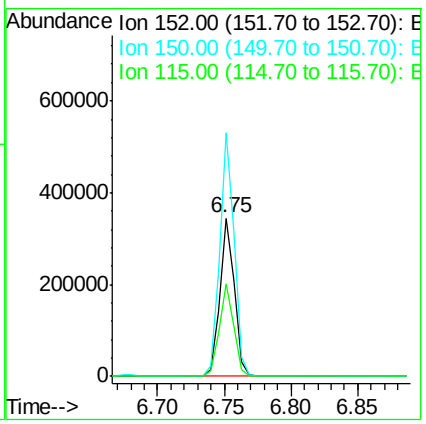


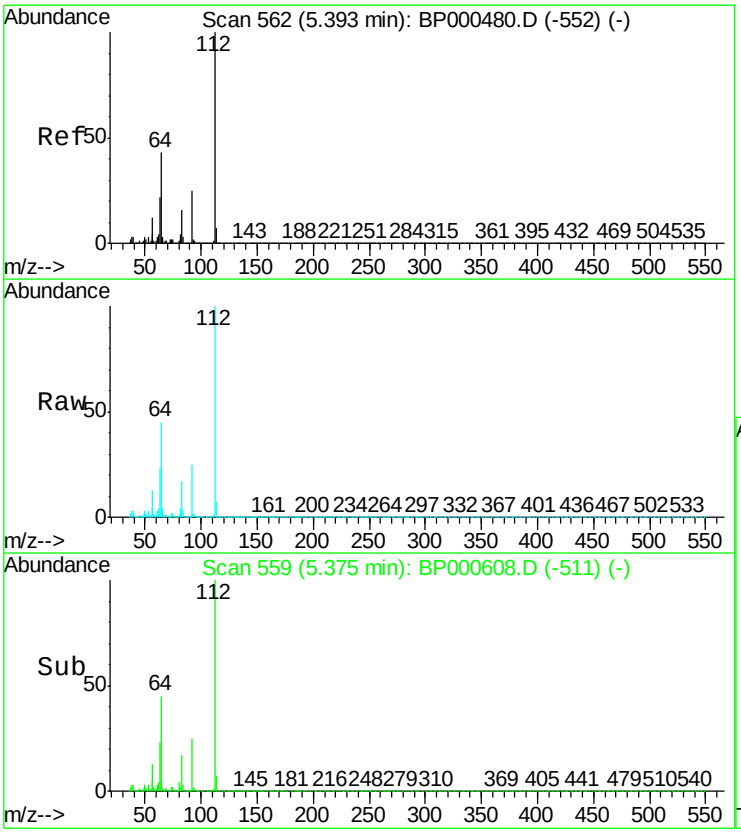
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Instrument :
BNA_P
ClientSampleId :
PB123785BL

Tgt Ion:152 Resp: 263269

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.1	186.1
115	58.4	48.7	73.1

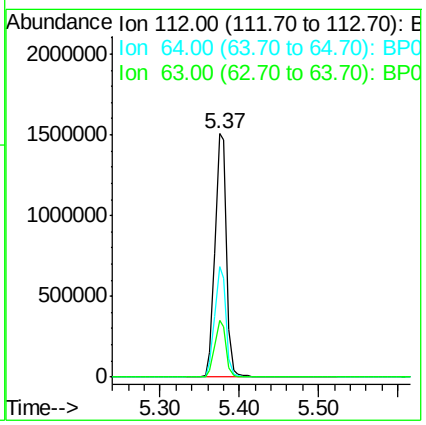


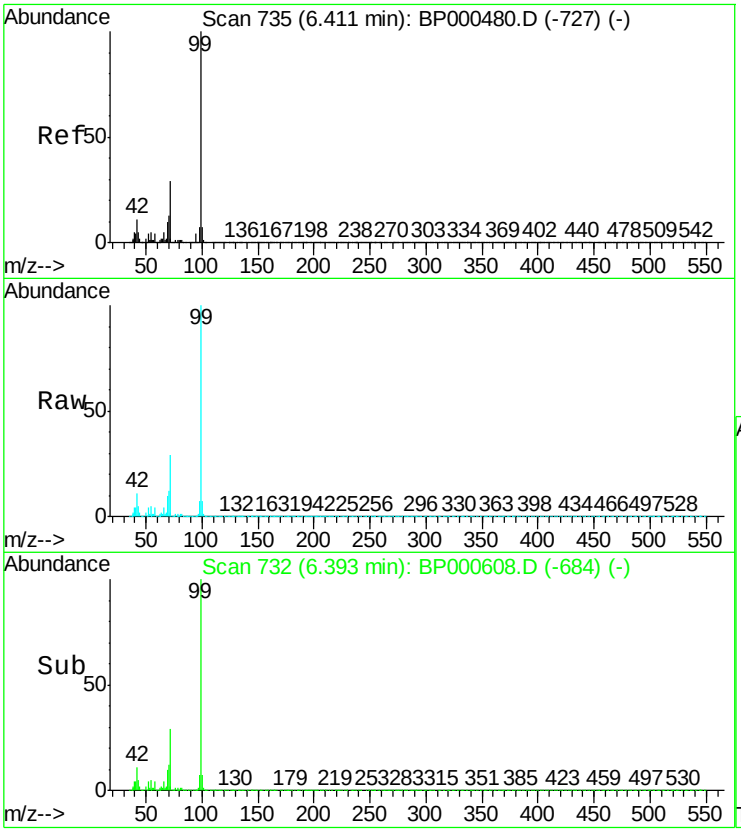


#5
2-Fluorophenol
Concen: 92.828 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Tgt Ion:112 Resp: 1520356

Ion	Ratio	Lower	Upper
112	100		
64	45.3	34.2	51.4
63	23.1	17.9	26.9



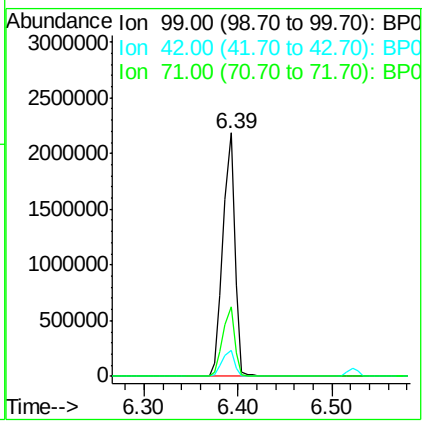


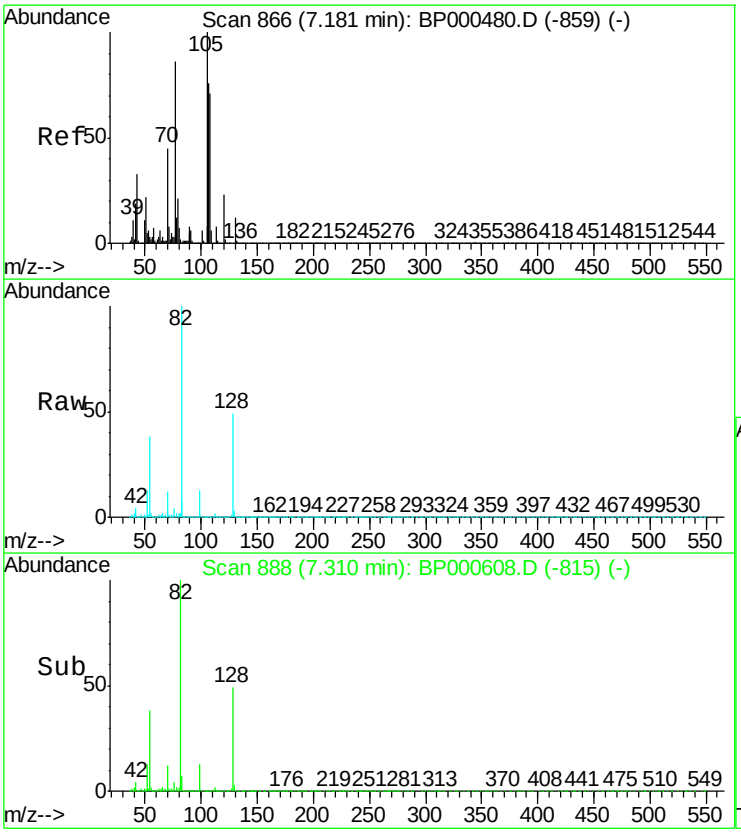
#7
Phenol-d6
Concen: 99.237 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Instrument :
BNA_P
ClientSampleId :
PB123785BL

Tgt Ion: 99 Resp: 1958572

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.6	12.8
71	28.5	23.0	34.4

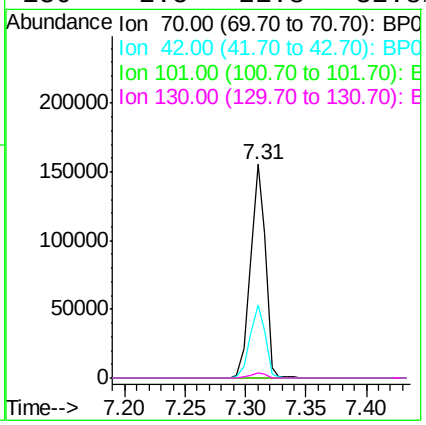


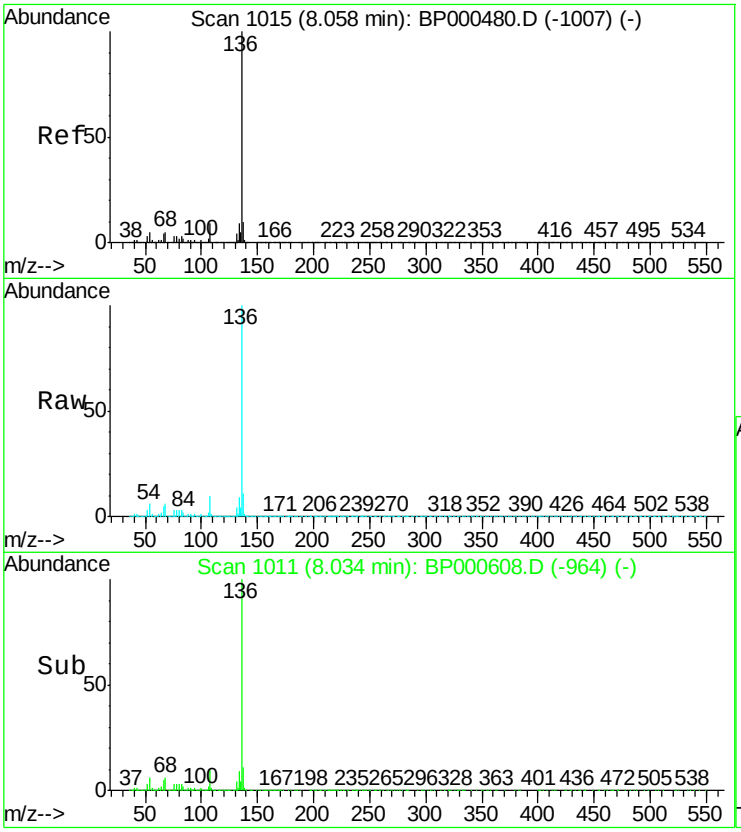


#19
n-Nitroso-di-n-propylamine
Concen: 14.746 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Tgt Ion: 70 Resp: 134145

Ion	Ratio	Lower	Upper
70	100		
42	34.4	33.2	49.8
101	0.0	9.9	14.9#
130	2.5	21.8	32.8#



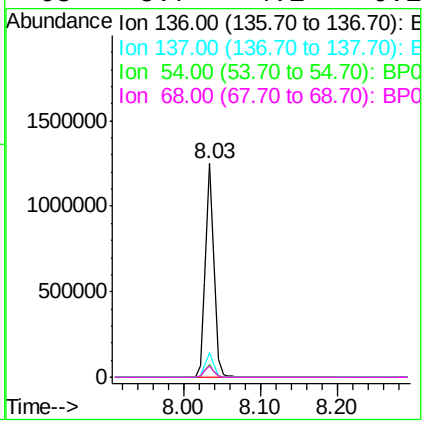


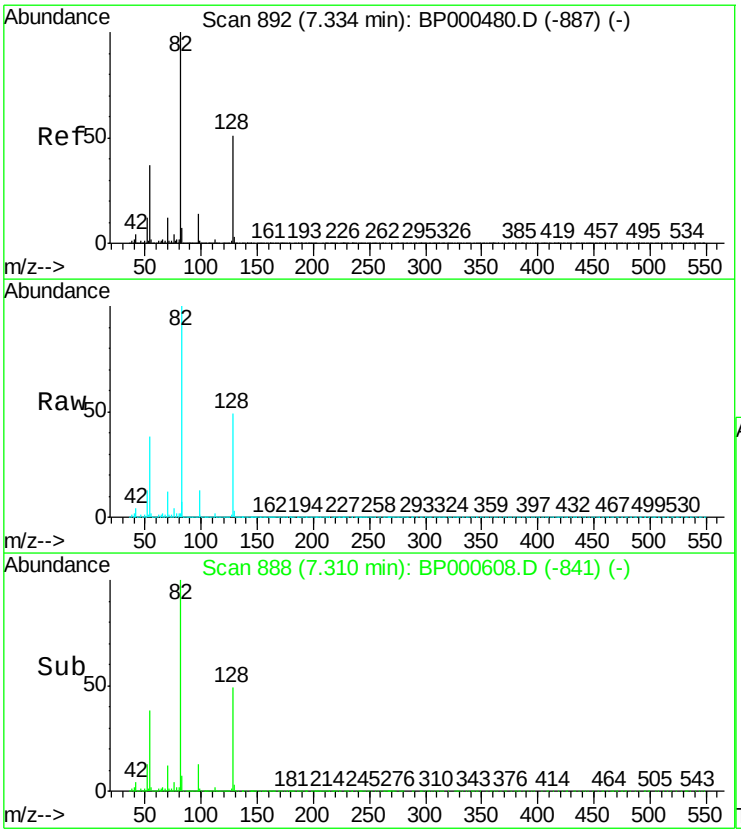
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Instrument : BNA_P
ClientSampleId : PB123785BL

Tgt Ion:136 Resp: 973707

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.8	4.1	6.1
68	5.7	4.1	6.1

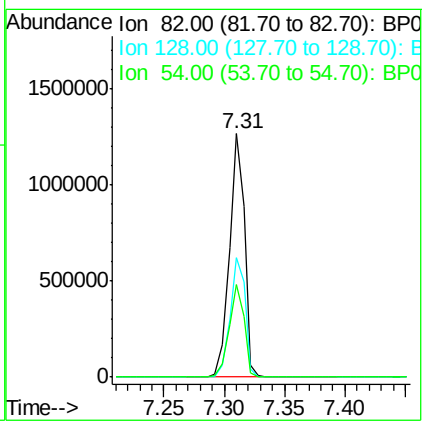


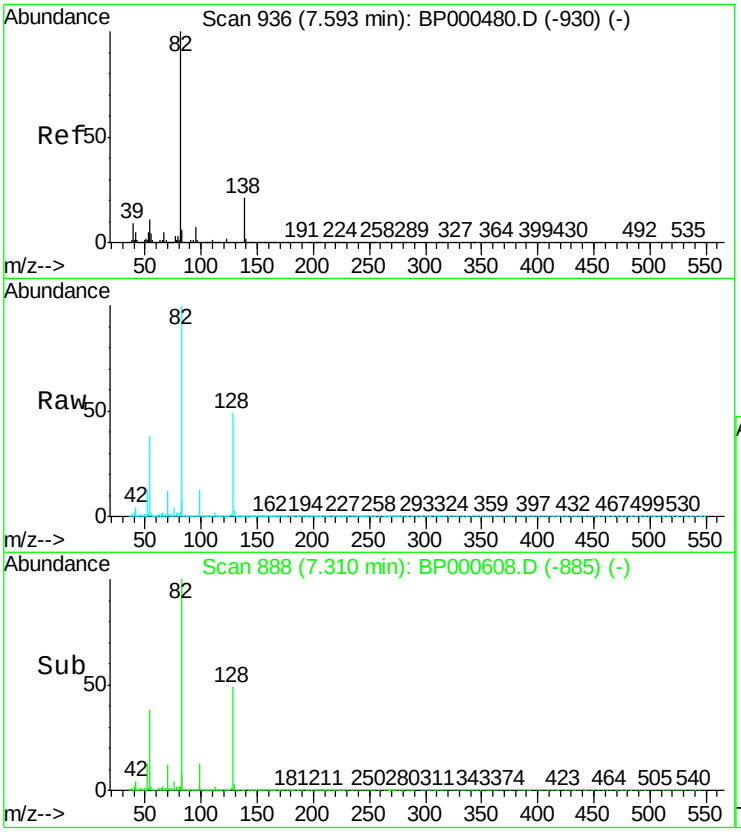


#23
Nitrobenzene-d5
Concen: 68.791 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Tgt Ion: 82 Resp: 1096715

Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.9	61.3
54	38.1	29.4	44.2



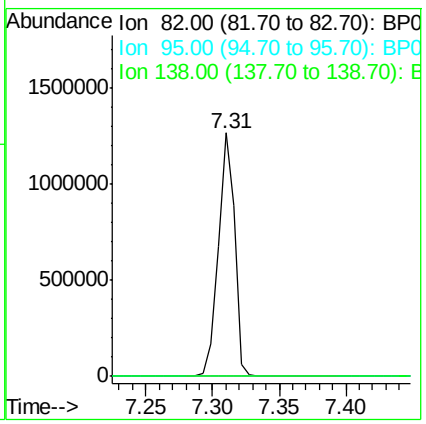


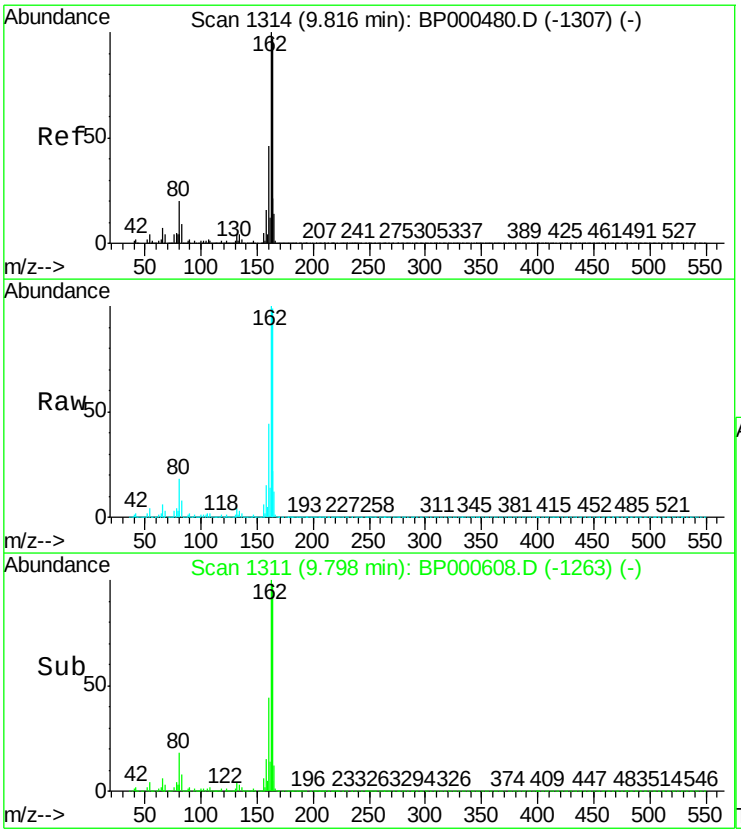
#25
Isophorone
Concen: 38.764 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Instrument :
BNA_P
ClientSampleId :
PB123785BL

Tgt Ion: 82 Resp: 1096831

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

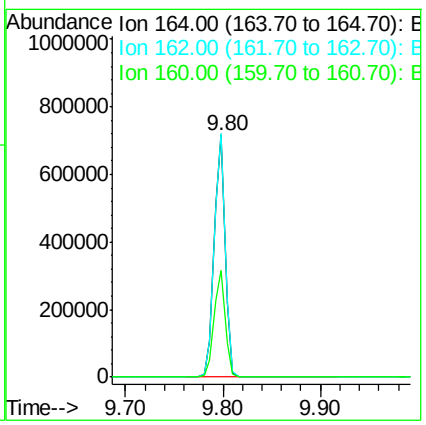


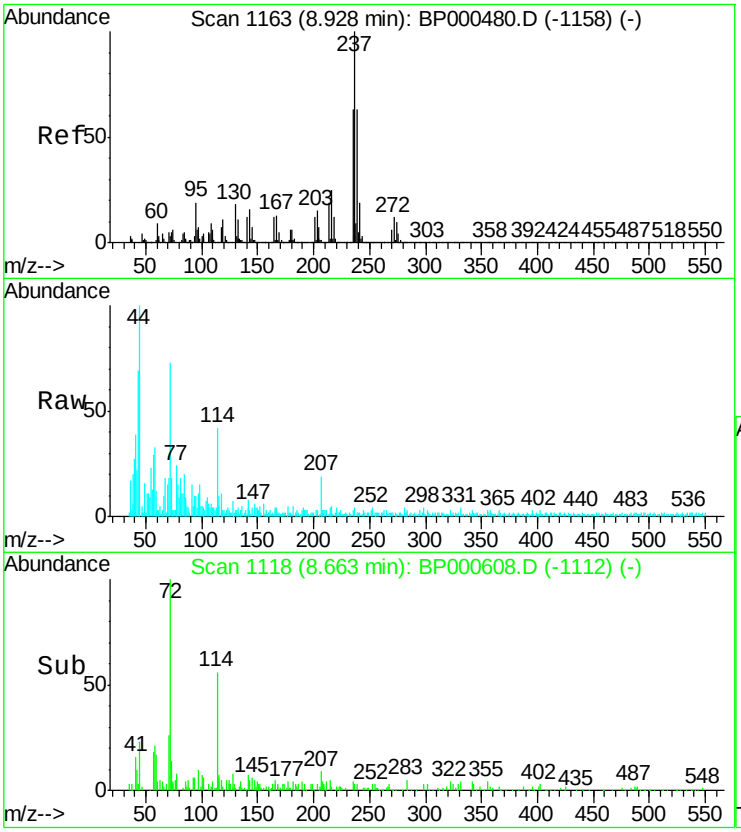


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Tgt Ion:164 Resp: 558263

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	44.3	37.6	56.4



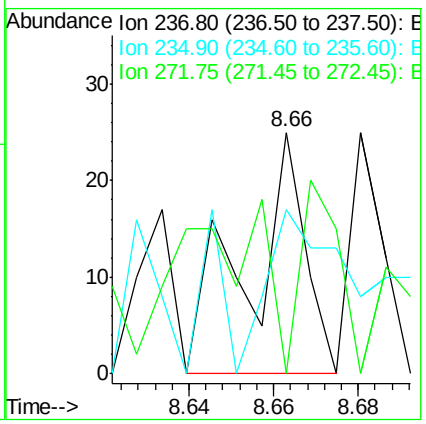


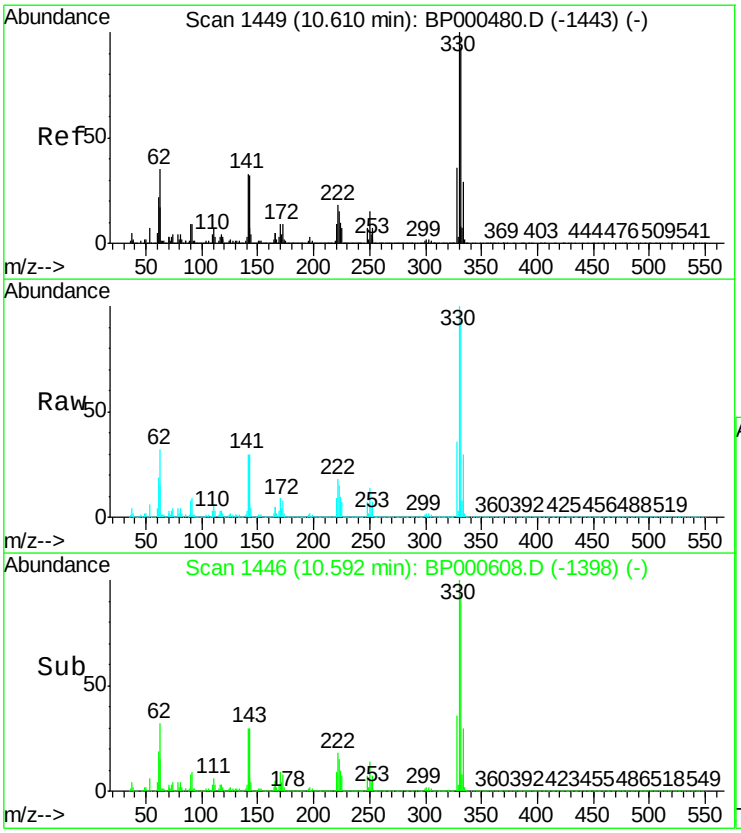
#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.27 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Instrument :
BNA_P
ClientSampleId :
PB123785BL

Tgt Ion:237 Resp: 23

Ion	Ratio	Lower	Upper
237	100		
235	68.0	42.9	82.9
272	0.0	0.0	32.4

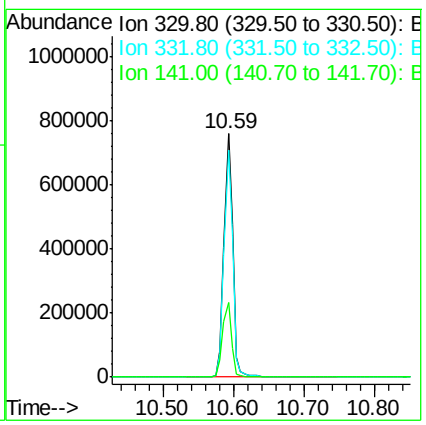


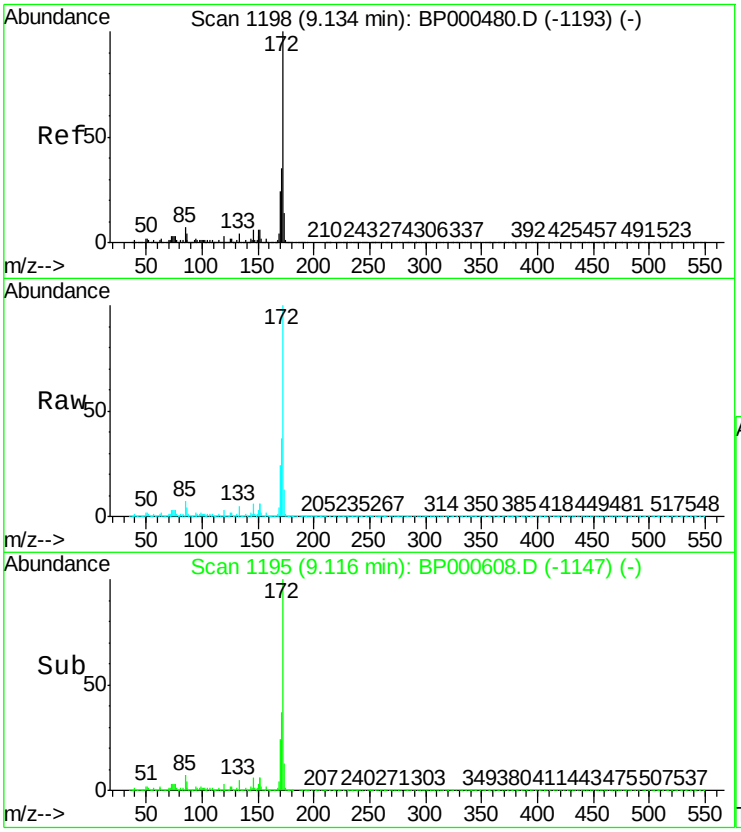


#42
2,4,6-Tribromophenol
Concen: 110.116 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Tgt Ion:330 Resp: 655077

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.1	115.7
141	31.3	26.0	39.0



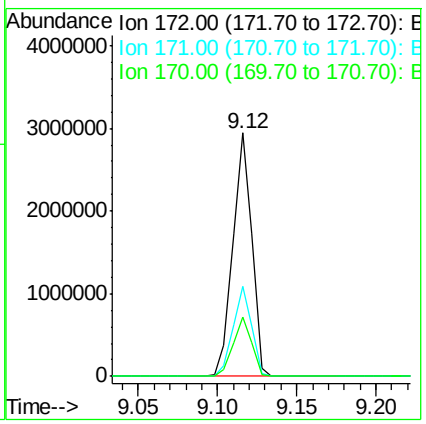


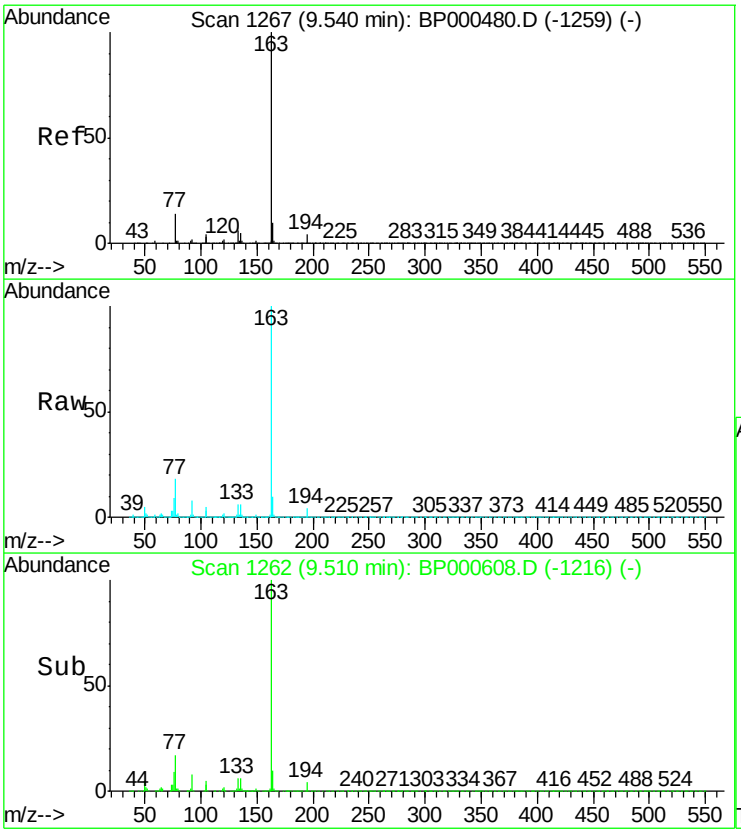
#45
2-Fluorobiphenyl
Concen: 70.919 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Instrument :
BNA_P
ClientSampleId :
PB123785BL

Tgt Ion:172 Resp: 2446960

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.4	42.6
170	24.5	19.1	28.7

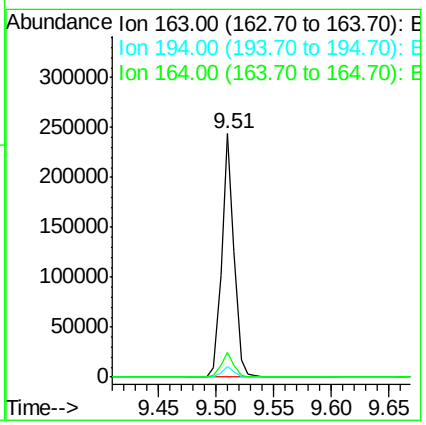


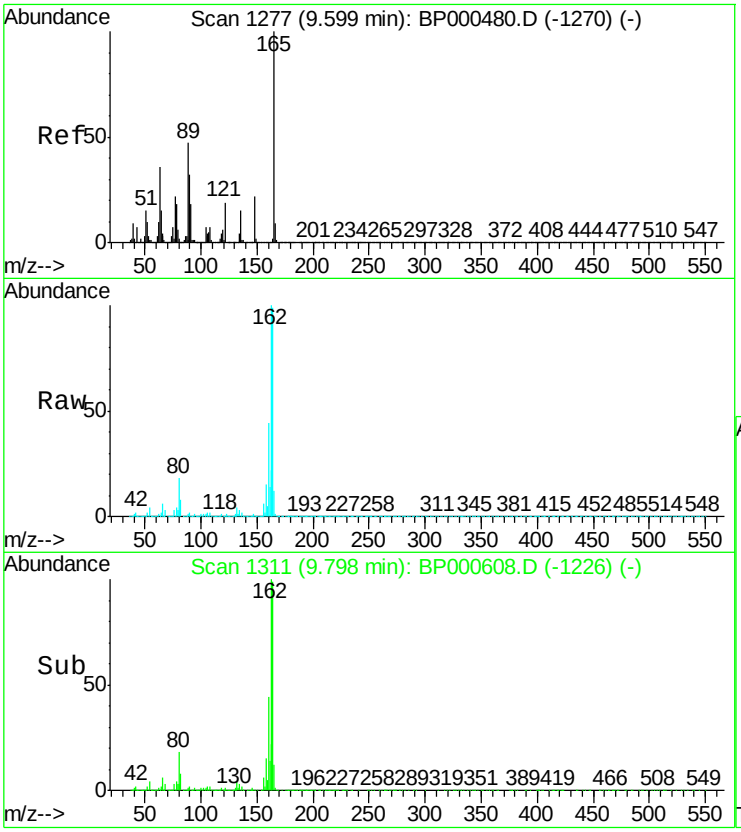


#50
Dimethylphthalate
Concen: 4.616 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Tgt Ion:163 Resp: 179062

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.0	12.0



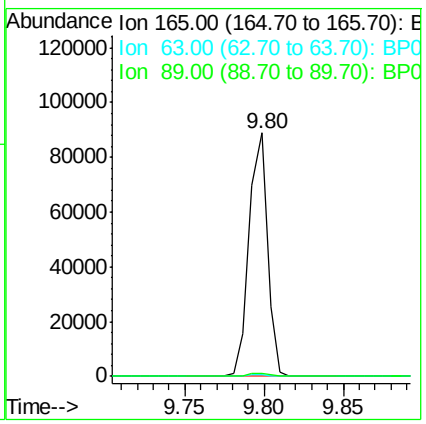


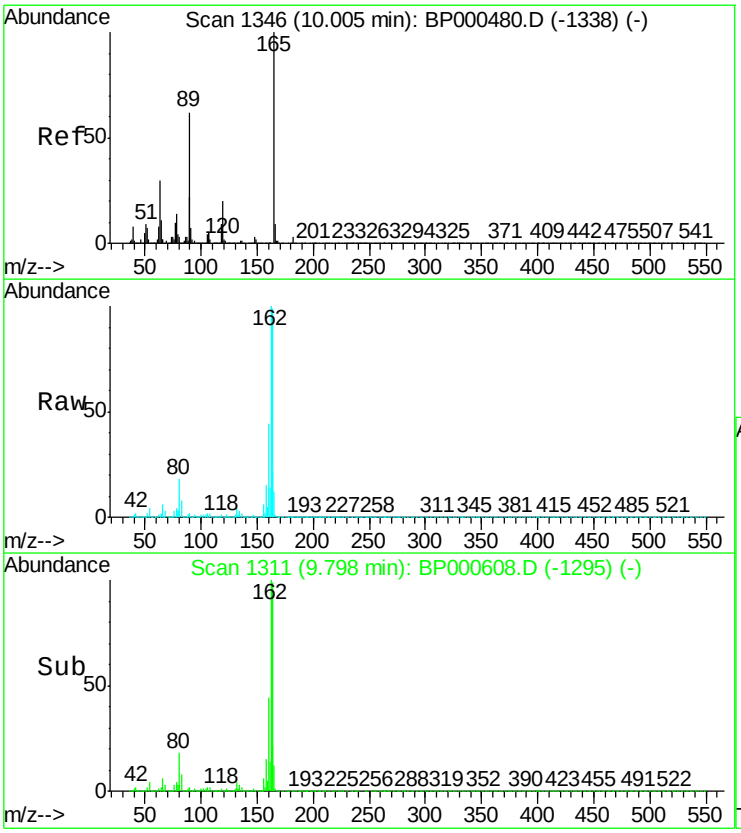
#51
2,6-Dinitrotoluene
Concen: 8.489 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.20 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Instrument :
BNA_P
ClientSampleId :
PB123785BL

Tgt Ion:165 Resp: 71807

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.9	44.9#
89	1.1	37.3	55.9#

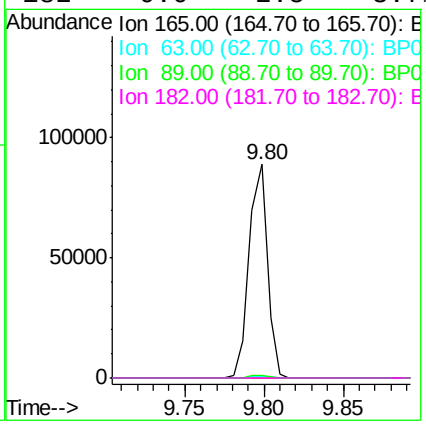


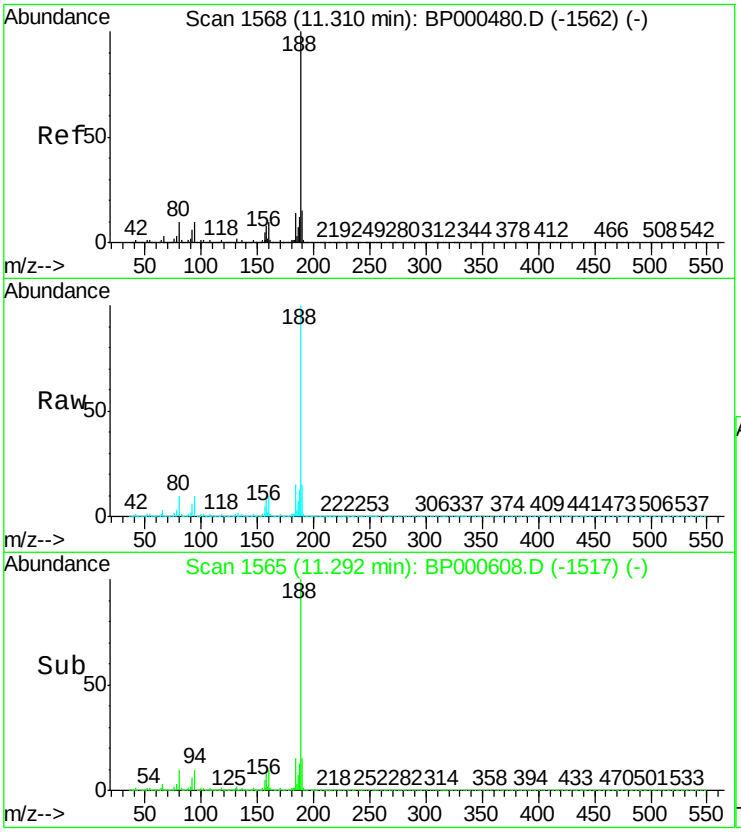


#57
2,4-Dinitrotoluene
Concen: 6.402 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Tgt Ion:165 Resp: 71807

Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.1	49.4	74.0#
182	0.0	2.5	3.7#



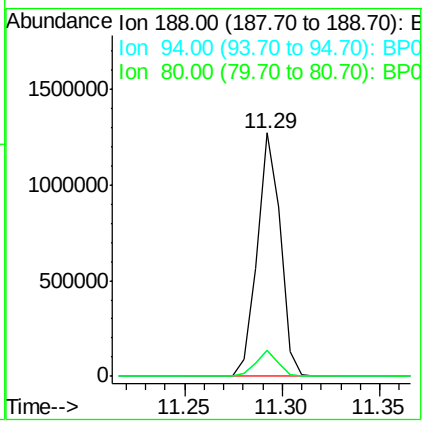


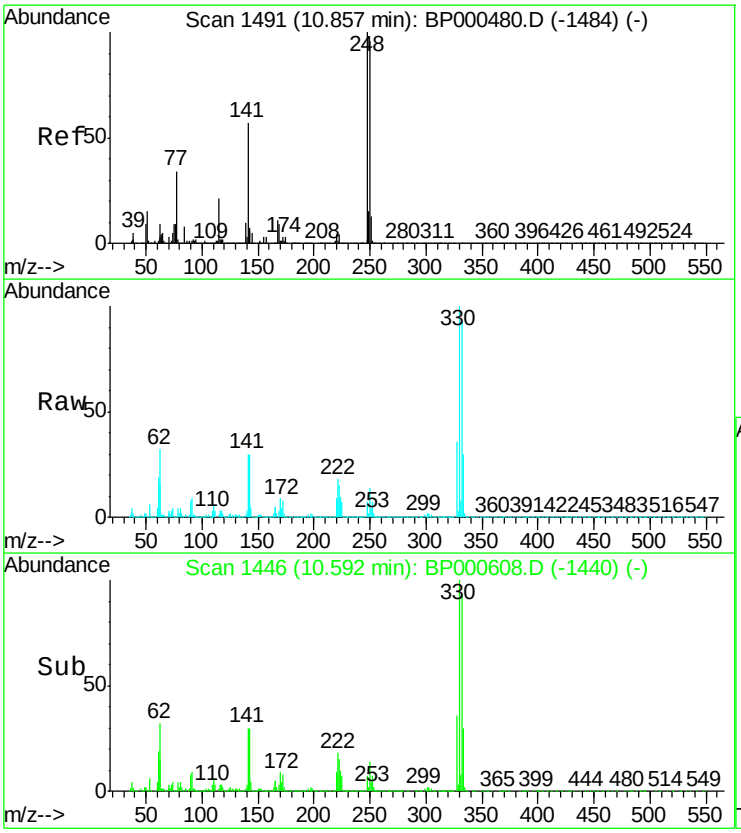
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Instrument :
BNA_P
ClientSampleId :
PB123785BL

Tgt Ion:188 Resp: 1045095

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	10.4	8.3	12.5

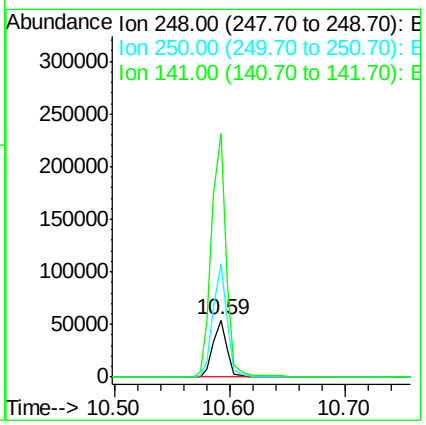


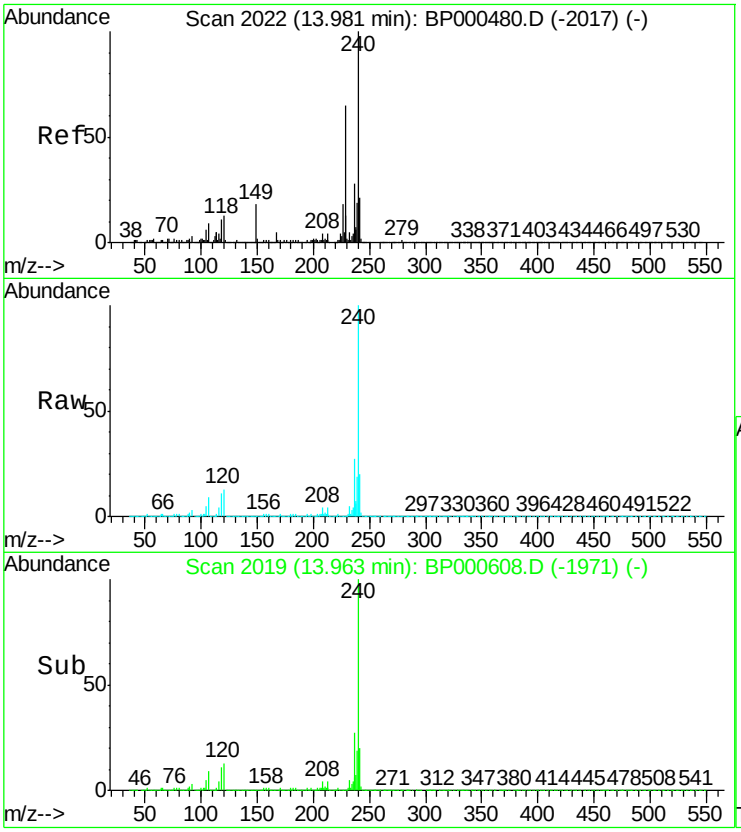


#67
4-Bromophenyl-phenylether
Concen: 3.893 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.27 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Tgt Ion:248 Resp: 45795

Ion	Ratio	Lower	Upper
248	100		
250	196.4	77.2	115.8#
141	424.9	45.3	67.9#



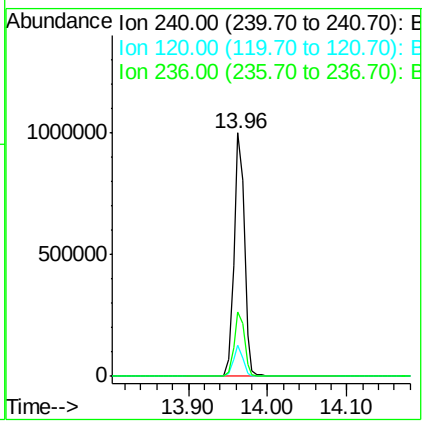


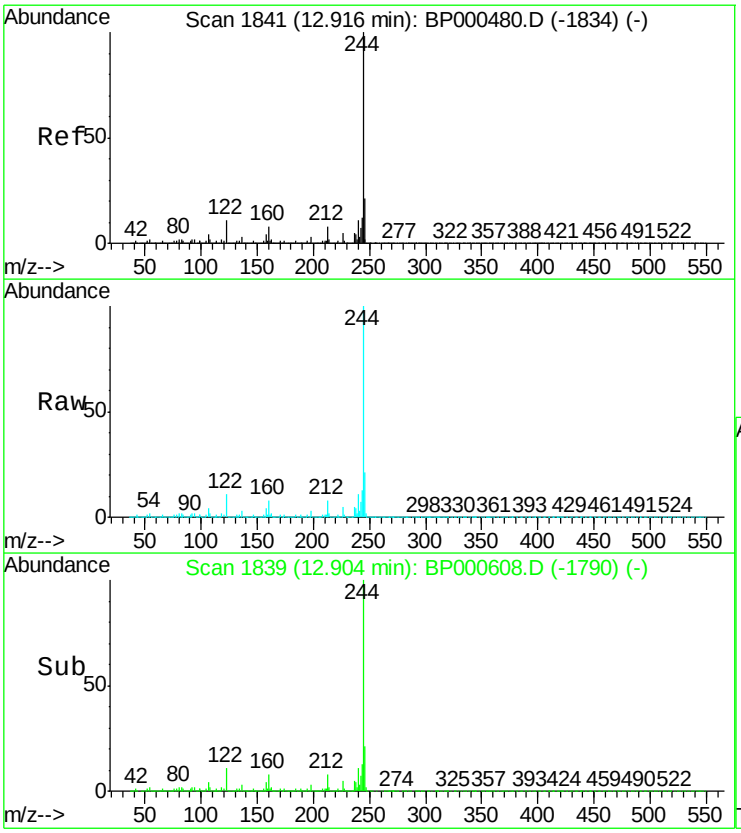
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Instrument :
BNA_P
ClientSampleId :
PB123785BL

Tgt Ion:240 Resp: 900033

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.1	15.1
236	26.5	22.7	34.1

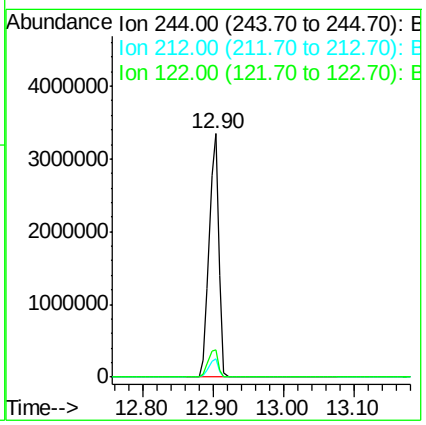


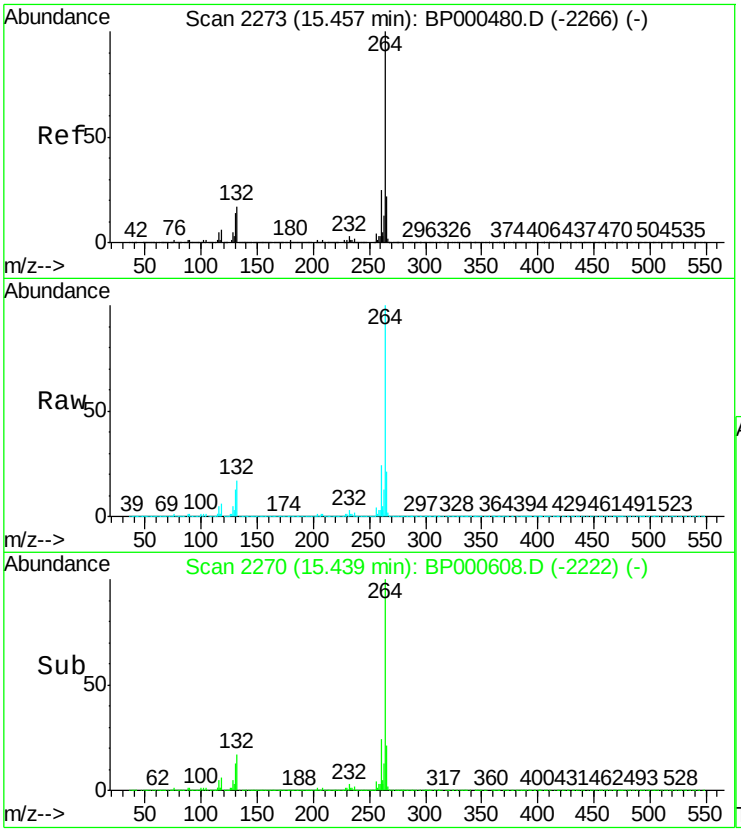


#79
Terphenyl-d14
Concen: 72.267 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Tgt Ion:244 Resp: 3212439

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.1	8.9	13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000608.D
Acq: 10 Oct 2019 12:03

Instrument :
BNA_P
ClientSampleId :
PB123785BL

Tgt Ion:264 Resp: 958047

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	21.2	18.0	27.0