Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000113.D
Acq On : 09 Sep 2019 01:08
Operator : HP/JU
Sample : K4683-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 09 06:41:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	432343	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1577479	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	878120	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1604056	20.00	ng	-0.01
76) Chrysene-d12	14.09	240	1400081	20.00	ng	-0.02
87) Perylene-d12	15.62	264	1519104	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1572183	57.99	ng	0.00
7) Phenol-d6	6.50	99	1274623	37.24	ng	-0.01
23) Nitrobenzene-d5	7.45	82	2412672	93.85	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1043449	140.97	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4675723	88.92	ng	0.00
79) Terphenyl-d14	13.03	244	5682732	88.47	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	298844	15.342	ng	# 76
25) Isophorone	7.45	82	2411815	44.400	ng	# 66
32) Benzoic acid	7.75	122	160	8.071	ng	90
51) 2,6-Dinitrotoluene	9.93	165	113701	8.952	ng	# 30
54) 2,4-Dinitrophenol	9.98	184	43	8.656	ng	# 1
57) 2,4-Dinitrotoluene	9.93	165	113788	7.017	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.72	198	3020	8.135	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	75320	4.620	ng	# 1
69) Atrazine	11.11	200	718	Below Cal		84

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

Quantitation Report (Not Reviewed)

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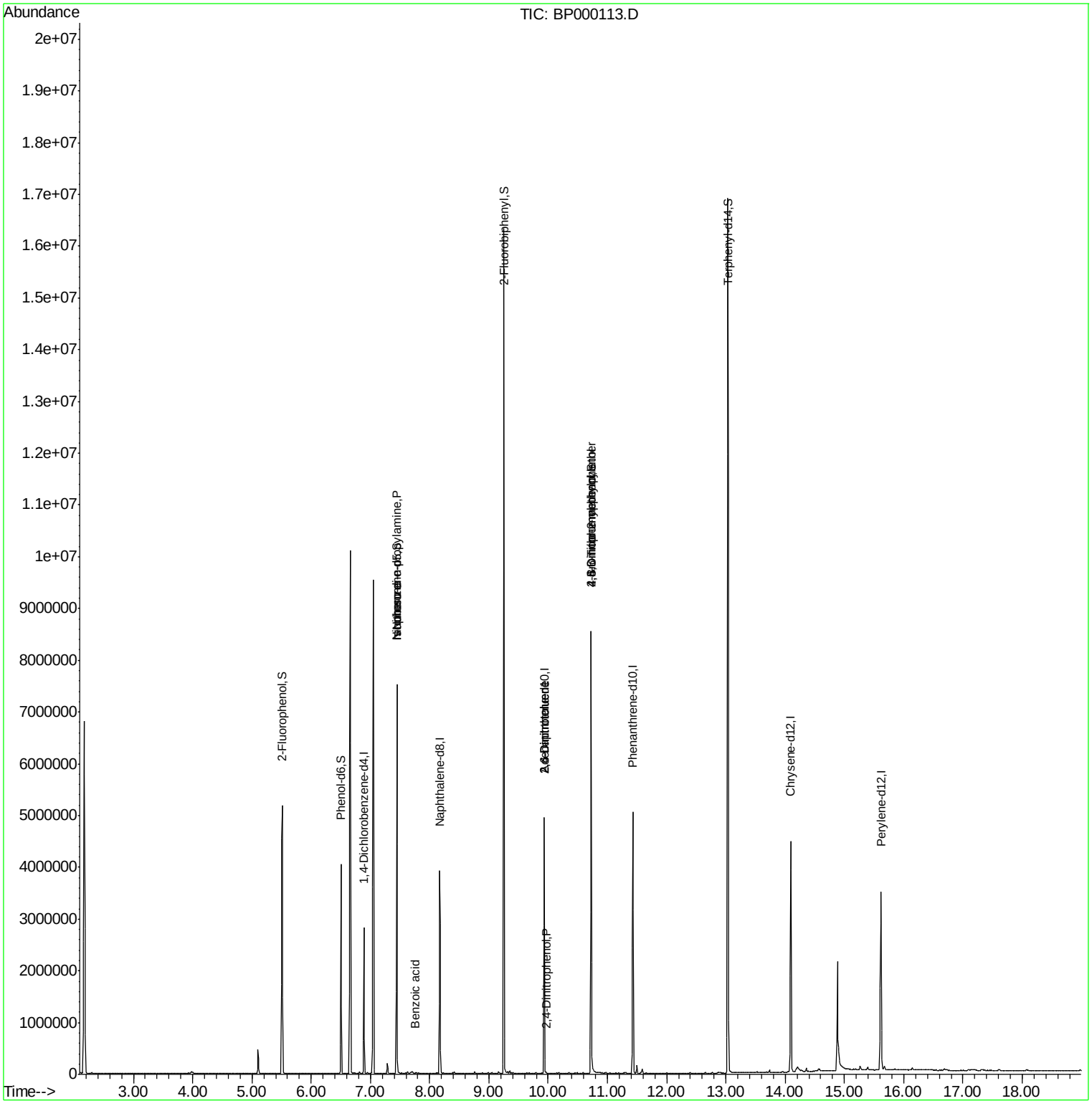
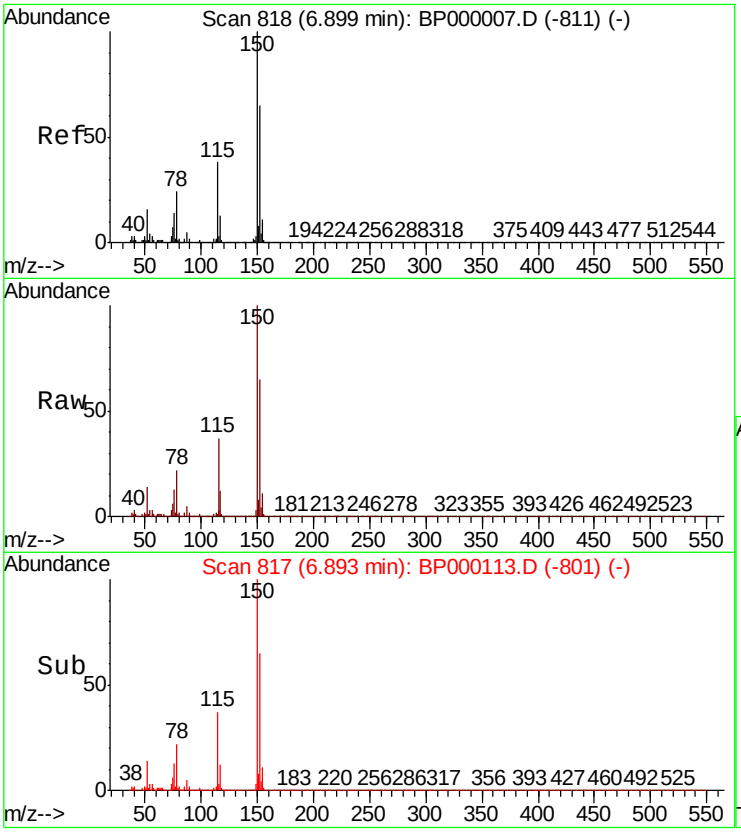


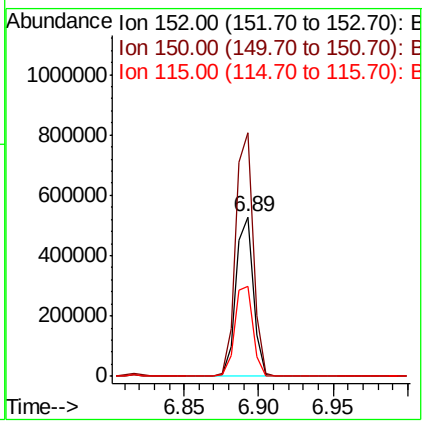


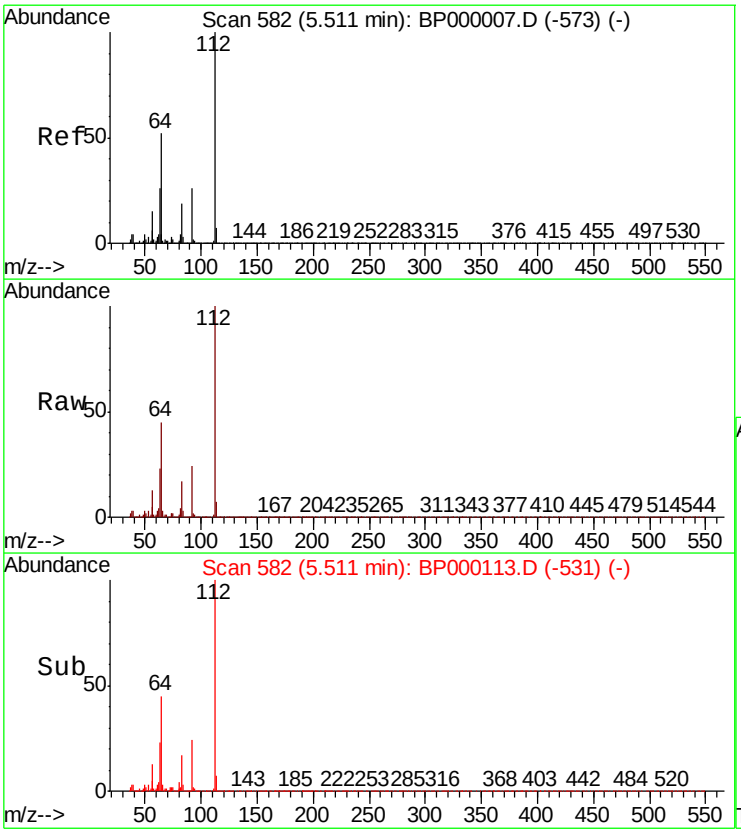
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 432343

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.0	184.6
115	56.6	46.7	70.1

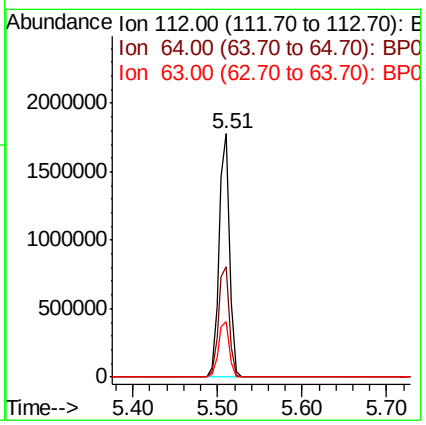


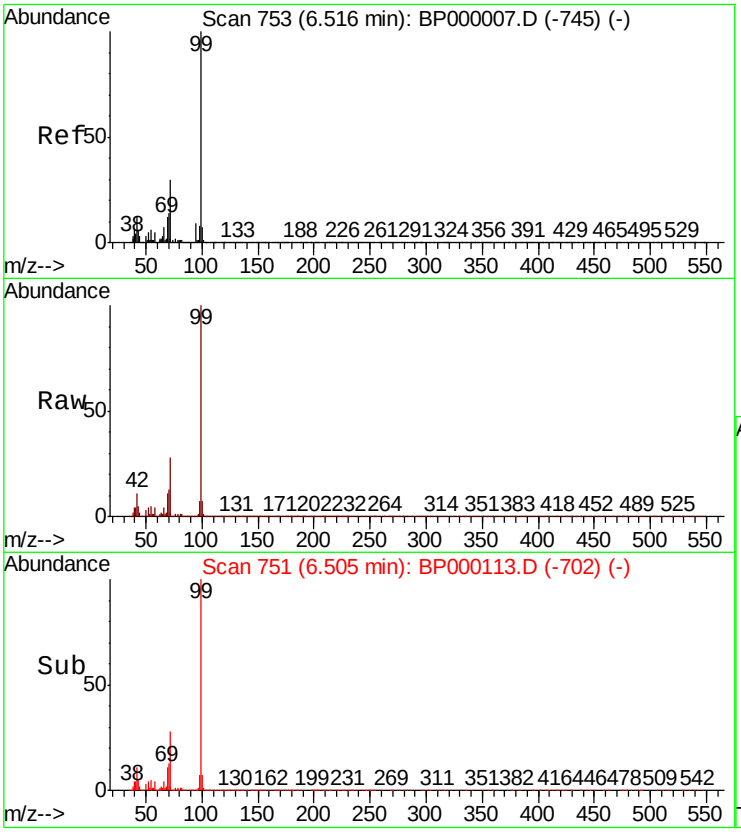


#5
2-Fluorophenol
Concen: 57.987 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Tgt Ion:112 Resp: 1572183

Ion	Ratio	Lower	Upper
112	100		
64	45.2	41.8	62.8
63	22.6	21.0	31.4



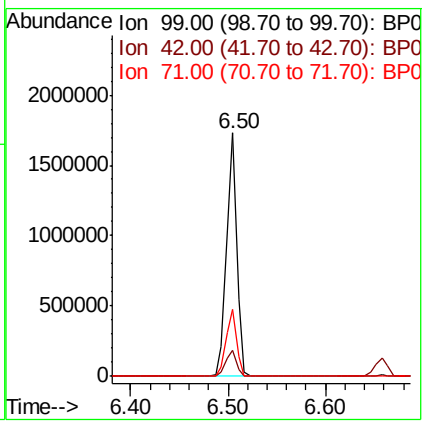


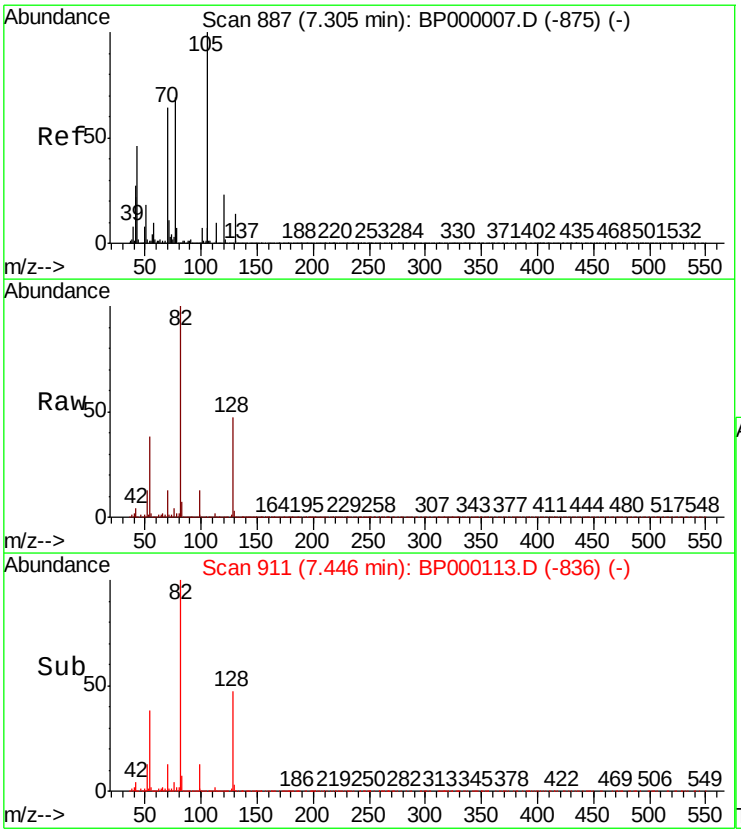
#7
Phenol-d6
Concen: 37.240 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1274623

Ion	Ratio	Lower	Upper
99	100		
42	10.9	9.8	14.8
71	27.5	23.8	35.8

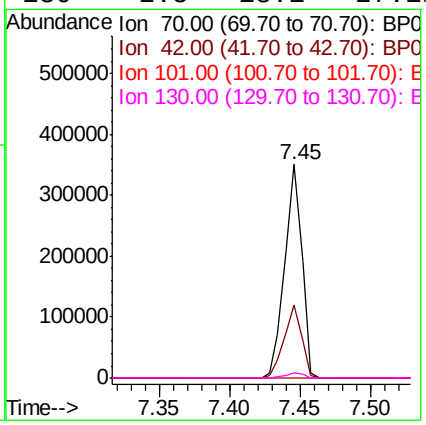


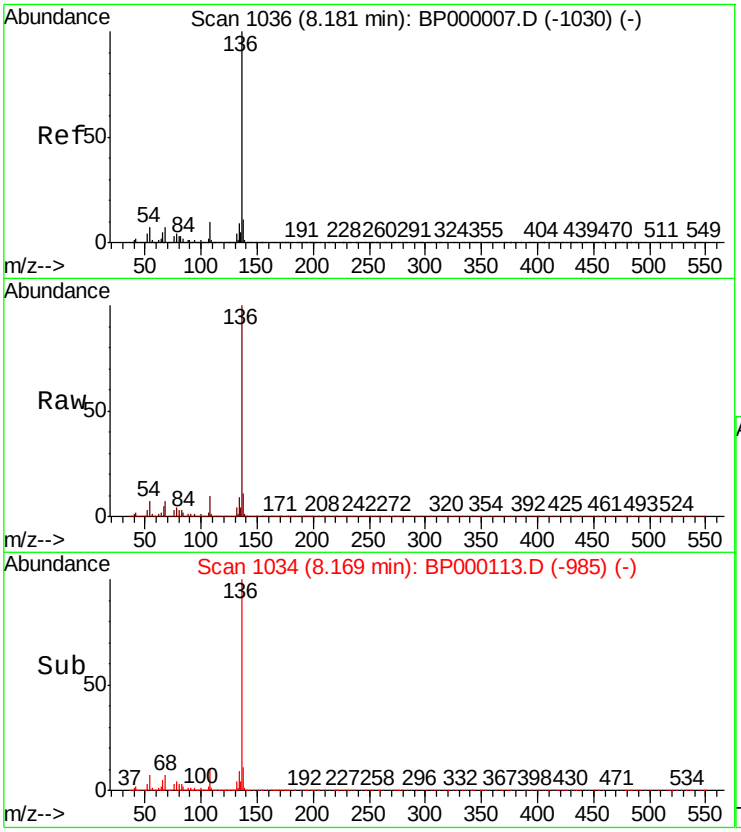


#19
n-Nitroso-di-n-propylamine
Concen: 15.342 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Tgt Ion: 70 Resp: 298844

Ion	Ratio	Lower	Upper
70	100		
42	34.1	33.8	50.6
101	0.0	8.7	13.1#
130	2.5	18.1	27.1#



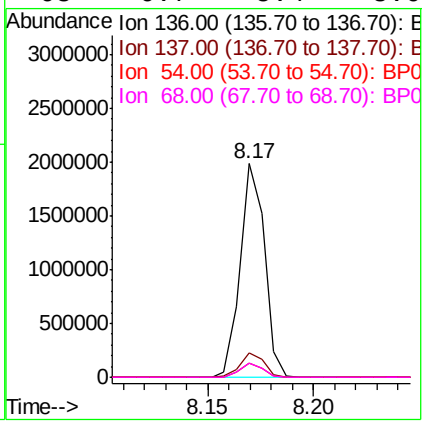


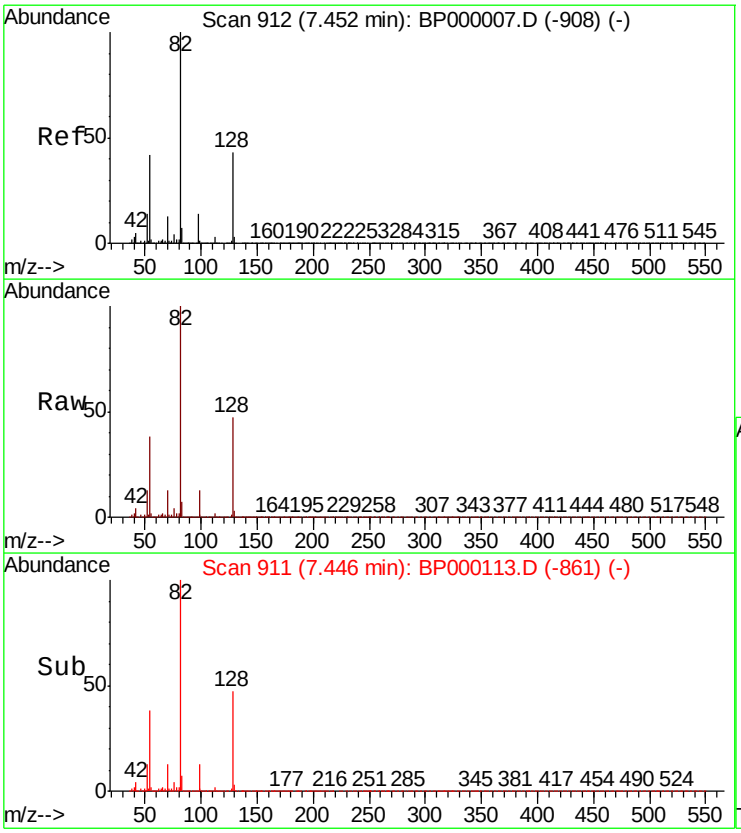
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1577479

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.6	5.4	8.2
68	6.7	5.4	8.0

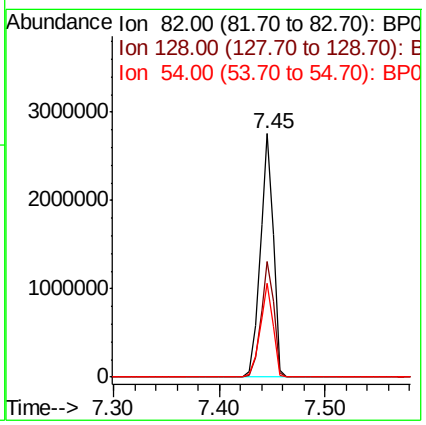


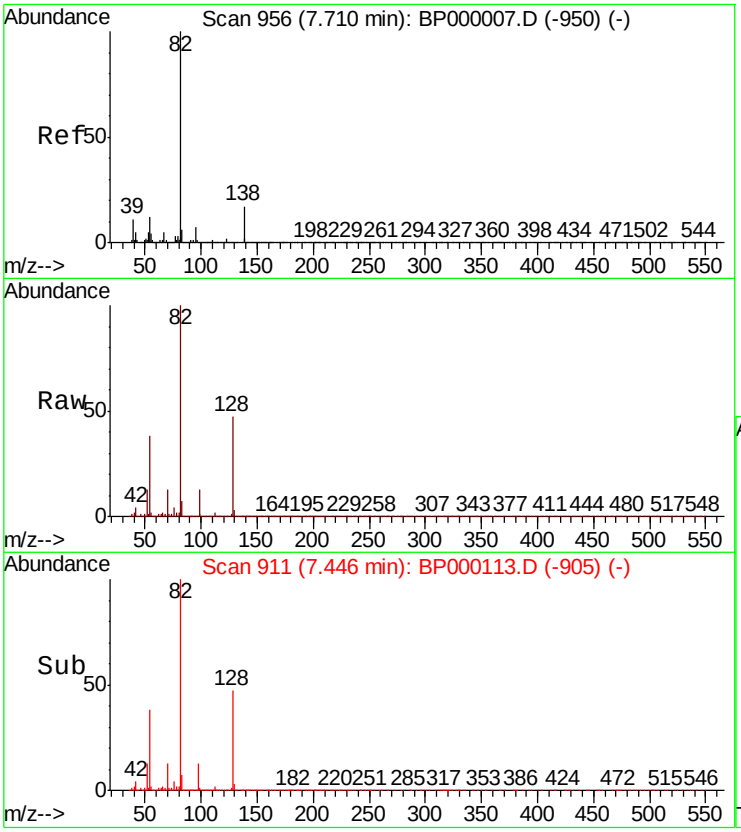


#23
Nitrobenzene-d5
Concen: 93.847 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Tgt Ion: 82 Resp: 2412672

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.5	51.7
54	38.3	33.2	49.8



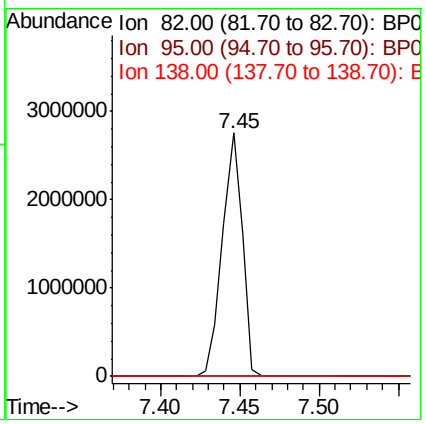


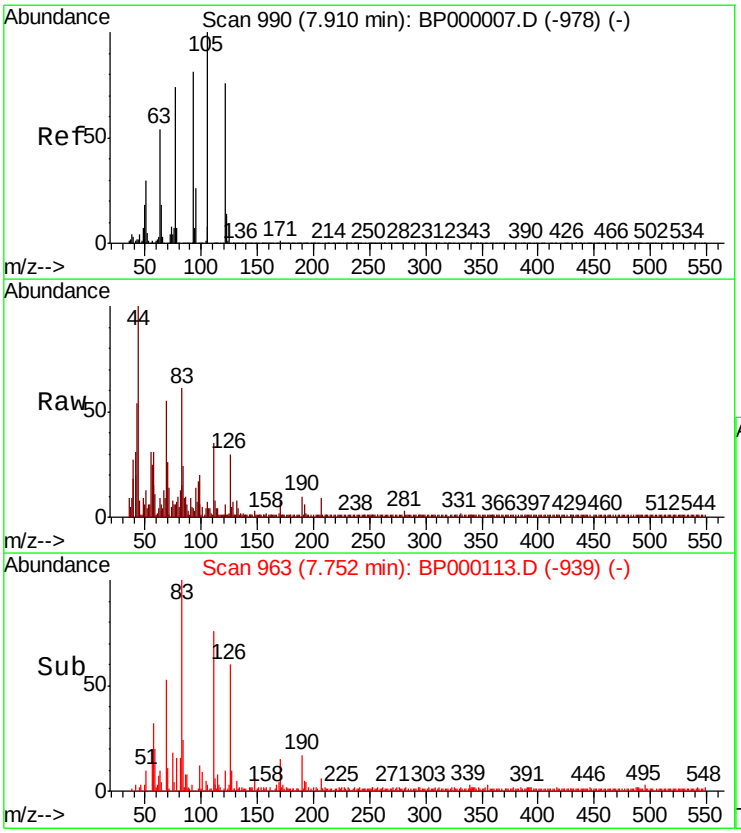
#25
Isophorone
Concen: 44.400 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 2411815

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.8	20.6#

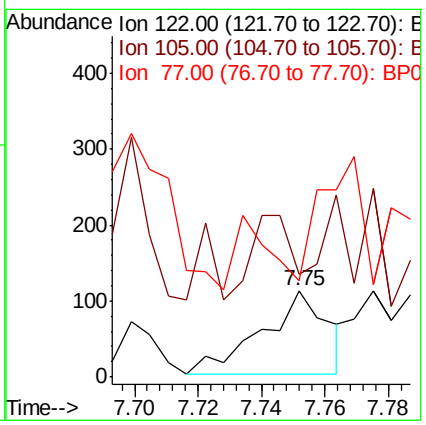


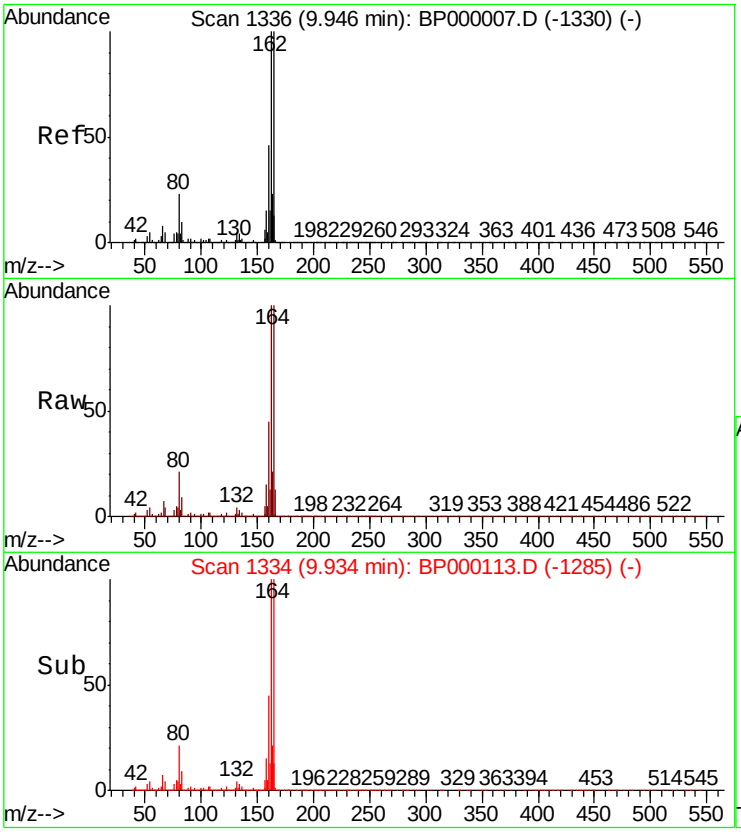


#32
Benzoic acid
Concen: 8.071 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.16 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Tgt Ion:122 Resp: 160

Ion	Ratio	Lower	Upper
122	100		
105	119.3	104.6	144.6
77	111.4	74.1	114.1



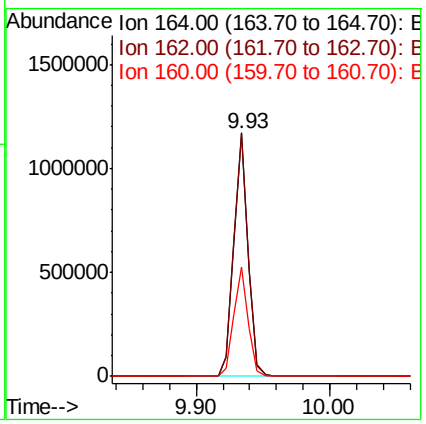


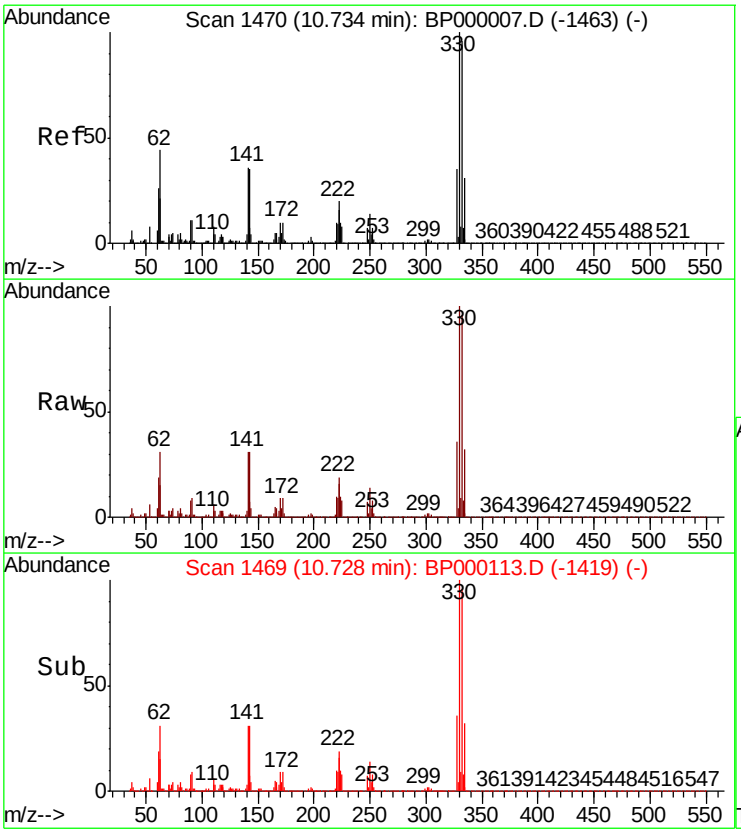
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 878120

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.4
160	44.7	36.6	55.0

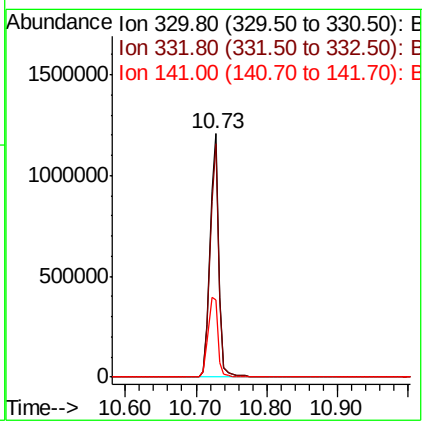


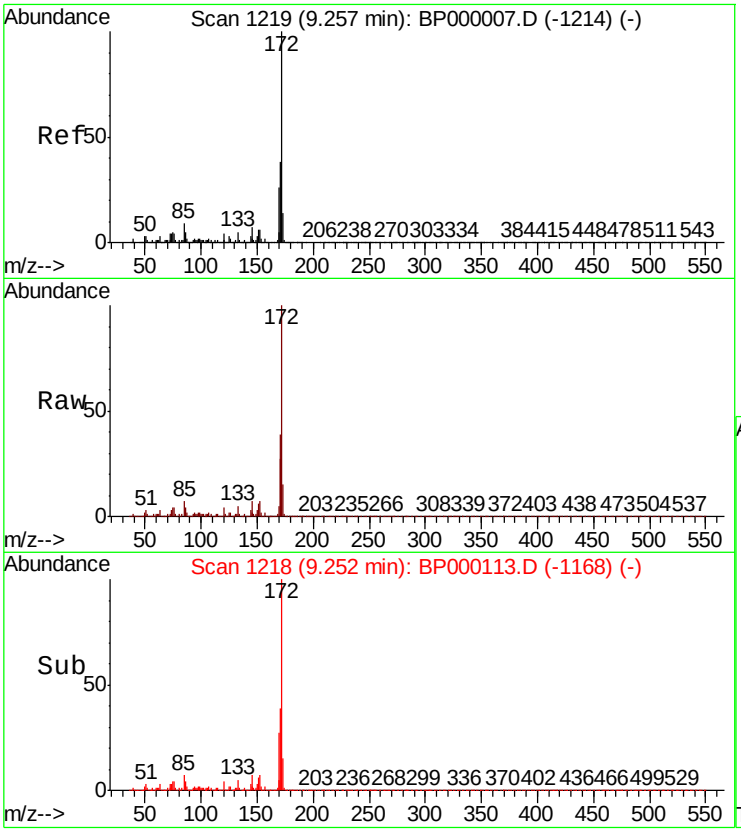


#42
2,4,6-Tribromophenol
Concen: 140.975 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Tgt Ion:330 Resp: 1043449

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	37.0	33.6	50.4



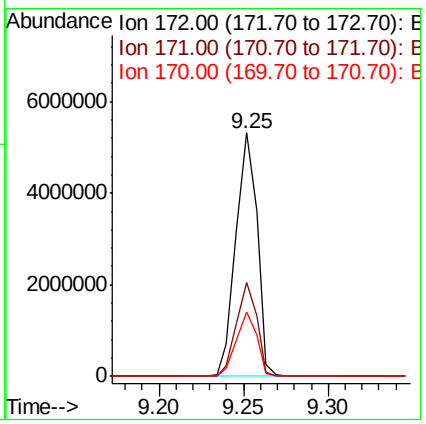


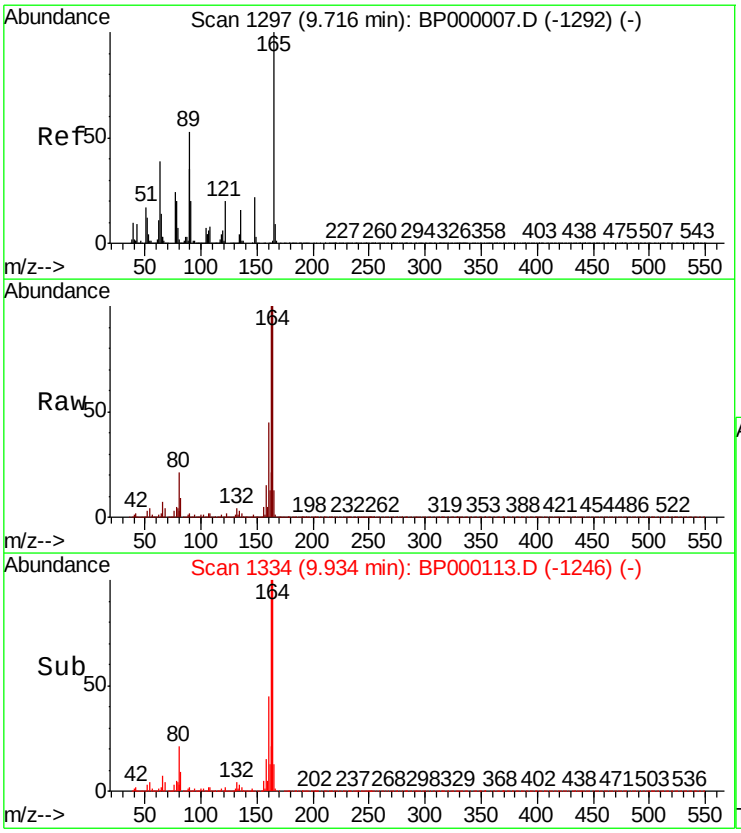
#45
2-Fluorobiphenyl
Concen: 88.922 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 4675723

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.7	46.1
170	26.6	20.7	31.1

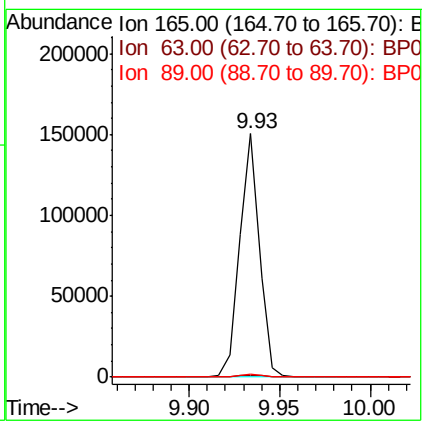


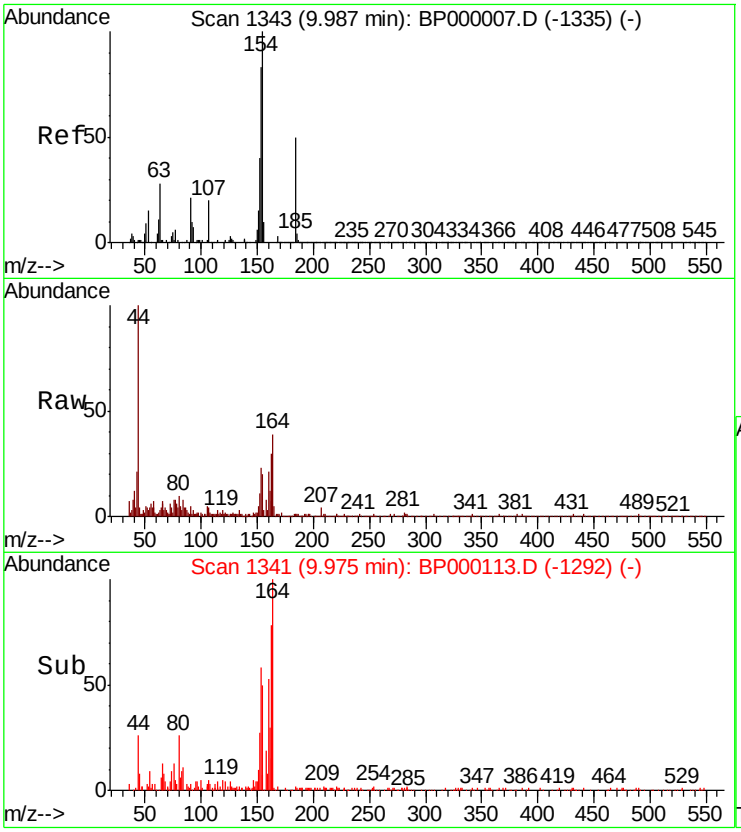


#51
2,6-Dinitrotoluene
Concen: 8.952 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Tgt Ion:165 Resp: 113701

Ion	Ratio	Lower	Upper
165	100		
63	0.8	35.8	53.6#
89	1.1	42.2	63.4#



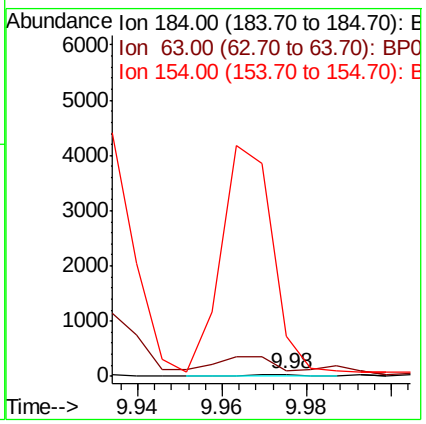


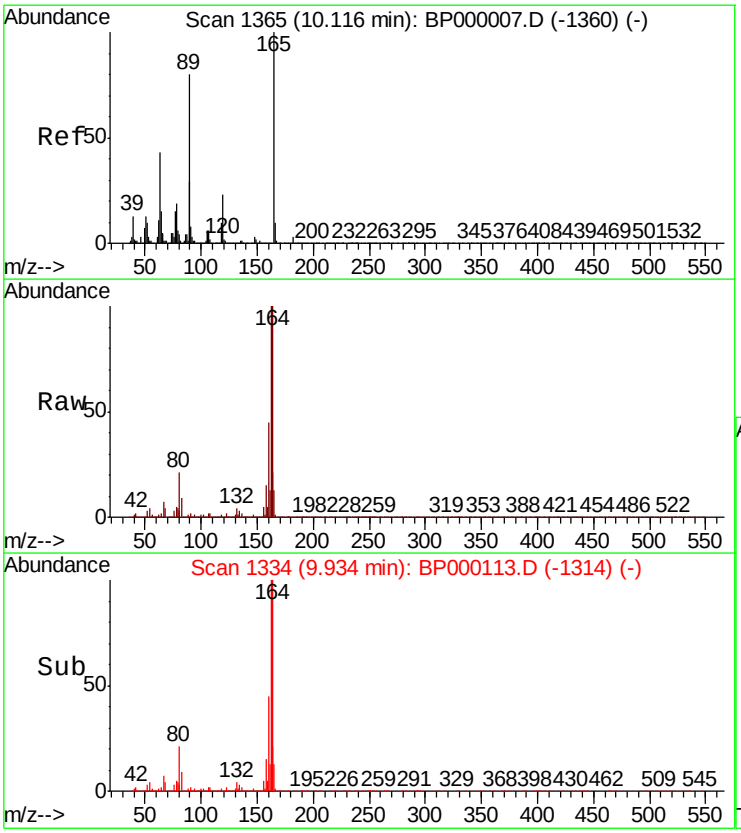
#54
2,4-Dinitrophenol
Concen: 8.656 ng
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 43

Ion	Ratio	Lower	Upper
184	100		
63	228.6	46.0	69.0#
154	1728.6	161.9	242.9#

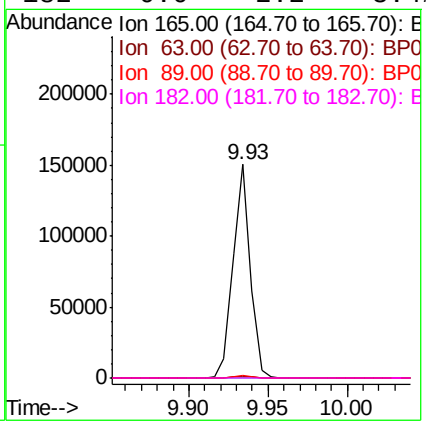


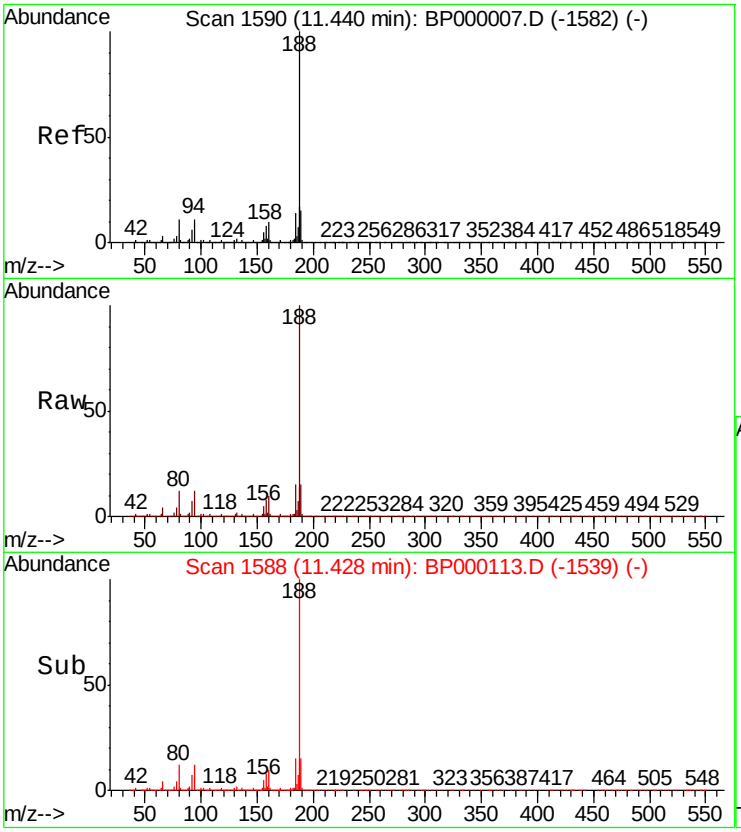


#57
2,4-Dinitrotoluene
Concen: 7.017 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Tgt Ion:165 Resp: 113788

Ion	Ratio	Lower	Upper
165	100		
63	0.8	34.4	51.6#
89	1.1	64.3	96.5#
182	0.0	2.2	3.4#



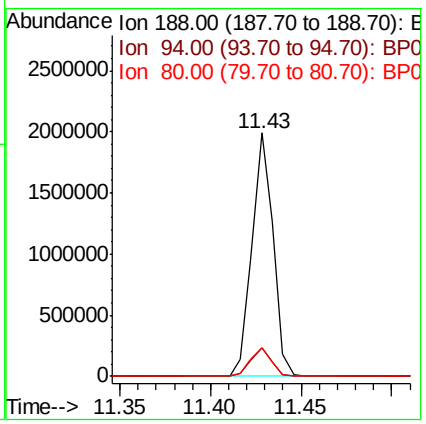


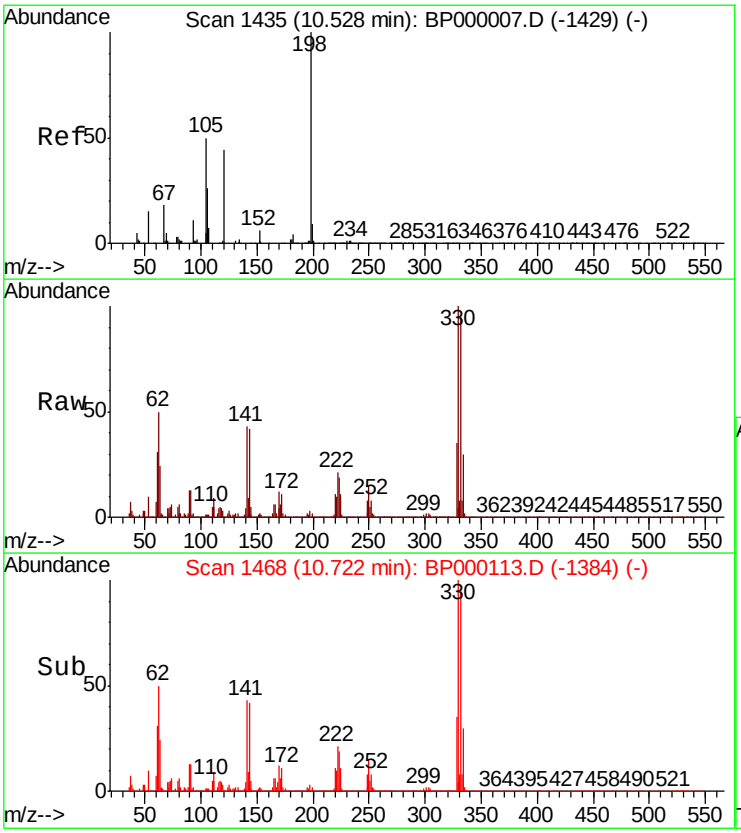
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1604056

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.8	13.2
80	11.9	9.0	13.6

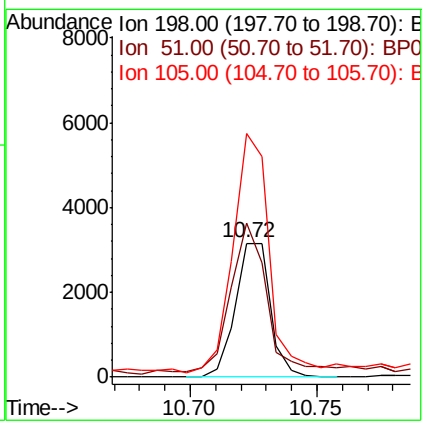


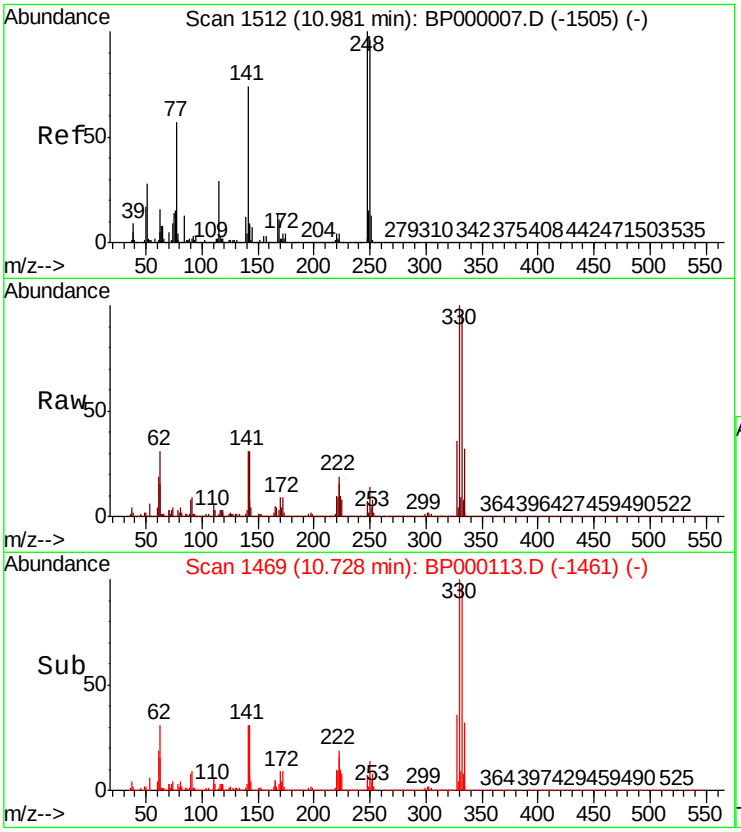


#65
4,6-Dinitro-2-methylphenol
Concen: 8.135 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Tgt Ion:198 Resp: 3020

Ion	Ratio	Lower	Upper
198	100		
51	115.1	22.1	62.1#
105	181.9	32.0	72.0#



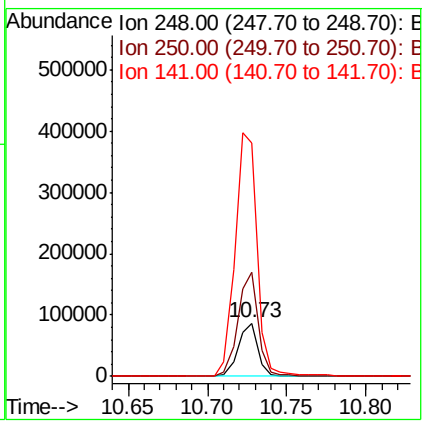


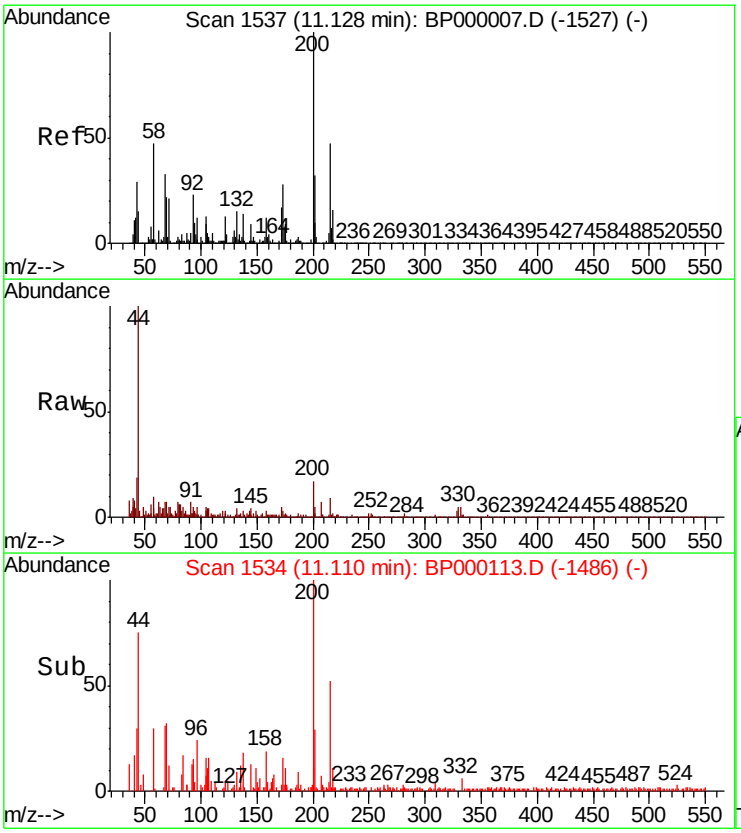
#67
4-Bromophenyl-phenylether
Concen: 4.620 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.25 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 75320

Ion	Ratio	Lower	Upper
248	100		
250	195.7	77.1	115.7#
141	438.5	59.5	89.3#

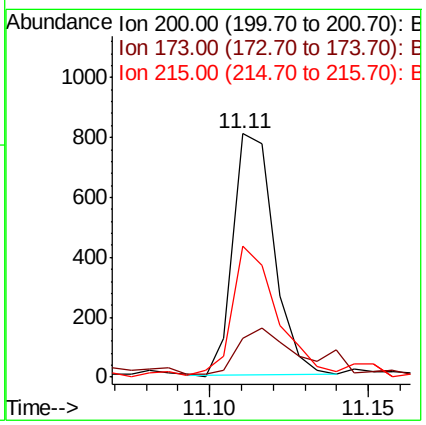


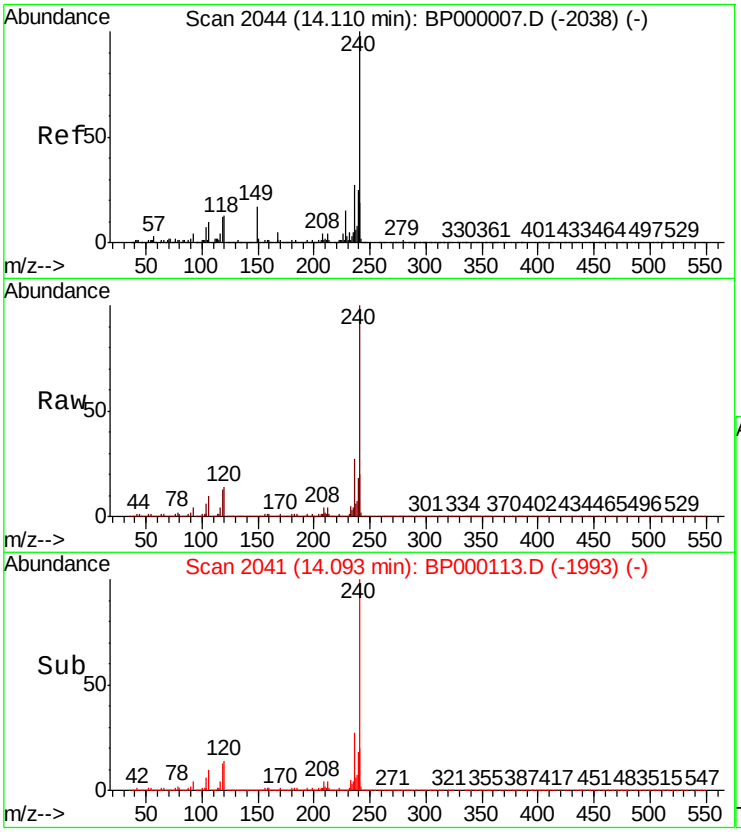


#69
Atrazine
Concen: Below Cal
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Tgt Ion:200 Resp: 718

Ion	Ratio	Lower	Upper
200	100		
173	15.9	8.1	48.1
215	54.0	26.7	66.7



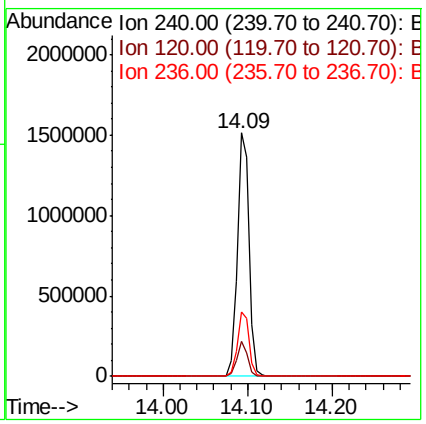


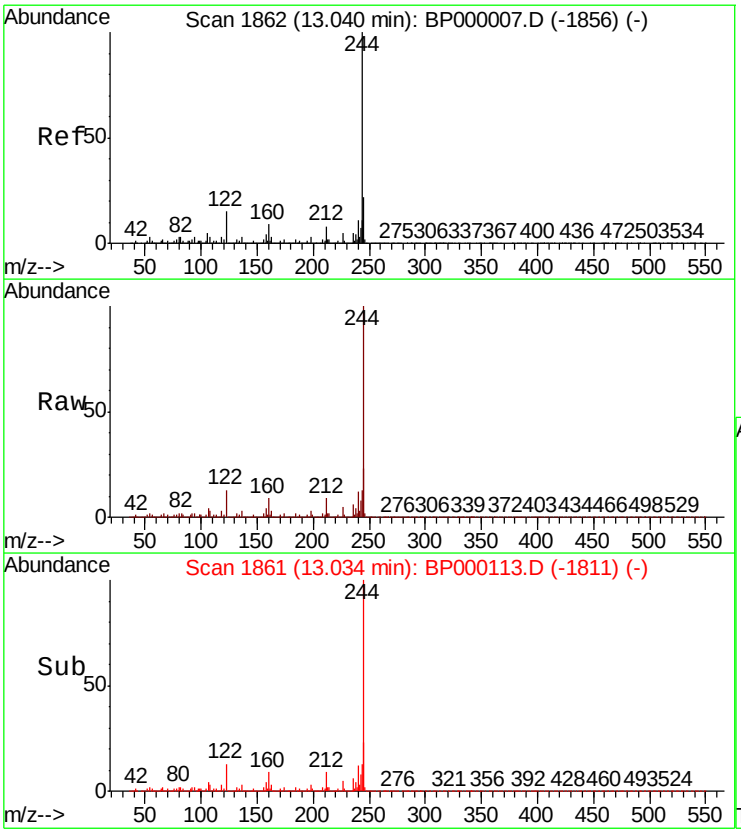
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 1400081

Ion	Ratio	Lower	Upper
240	100		
120	14.3	10.5	15.7
236	26.7	21.5	32.3

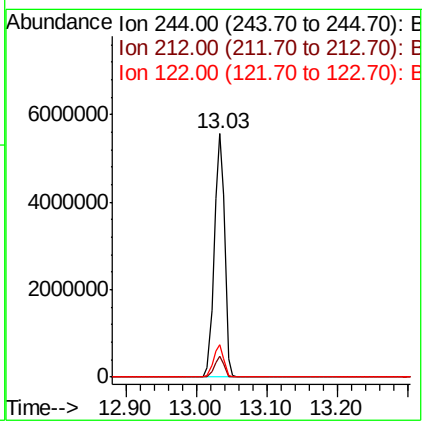


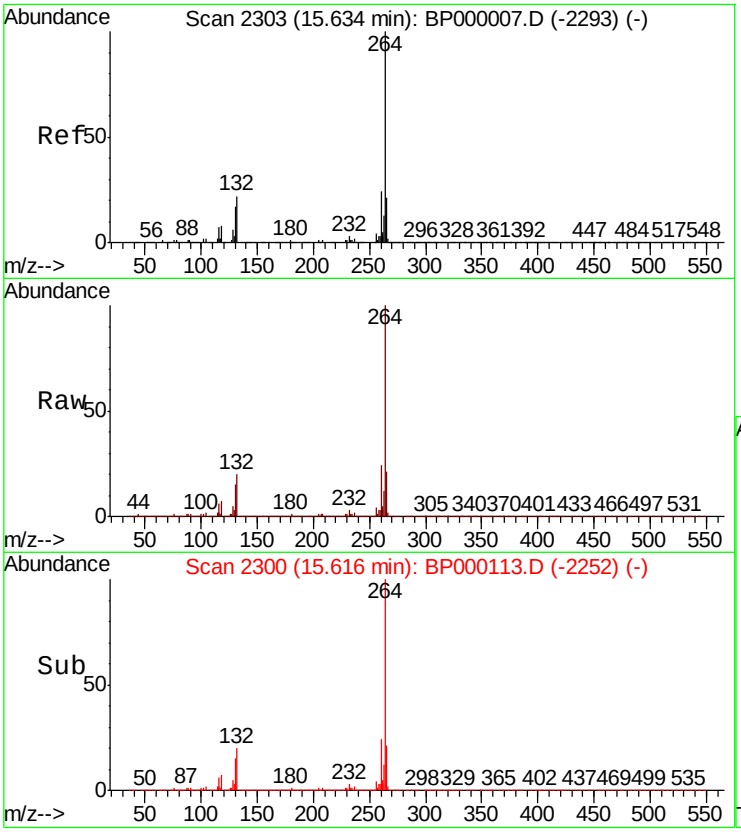


#79
Terphenyl-d14
Concen: 88.467 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Tgt Ion:244 Resp: 5682732

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	10.0
122	13.1	12.3	18.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BP000113.D
Acq: 09 Sep 2019 01:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 1519104

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.1	17.1	25.7