Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000054.D
Acq On : 04 Sep 2019 10:08
Operator : HP/JU
Sample : PB122750BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 04 14:08:16 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	445842	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1649469	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	897068	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1669210	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1329832	20.00	ng	-0.01
87) Perylene-d12	15.63	264	1370743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1981368	70.87	ng	0.00
7) Phenol-d6	6.51	99	2580487	73.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	1420464	52.84	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1534587	202.95	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4071733	75.80	ng	0.00
79) Terphenyl-d14	13.05	244	7414222	121.52	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	176156	8.769	ng	# 79
25) Isophorone	7.45	82	1419462	24.991	ng	# 66
32) Benzoic acid	7.95	122	121	8.068	ng	96
51) 2,6-Dinitrotoluene	9.93	165	116184	8.954	ng	# 30
54) 2,4-Dinitrophenol	9.98	184	274	8.699	ng	# 1
57) 2,4-Dinitrotoluene	9.93	165	116184	7.014	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.52	198	149	7.744	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	112122	6.610	ng	# 1
69) Atrazine	11.12	200	720	Below Cal		91

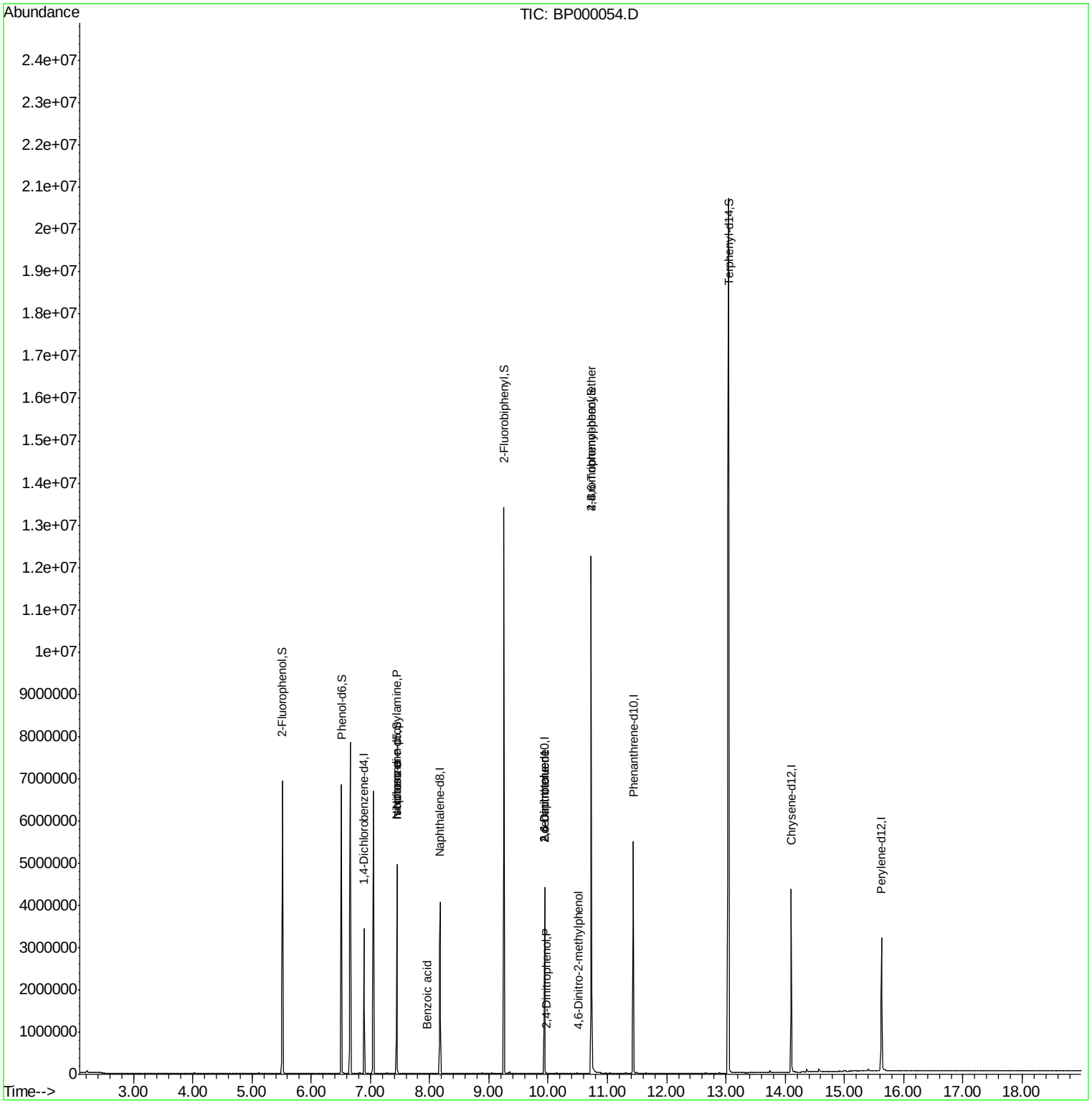
(#) = qualifier out of range (m) = manual integration (+) = signals summed

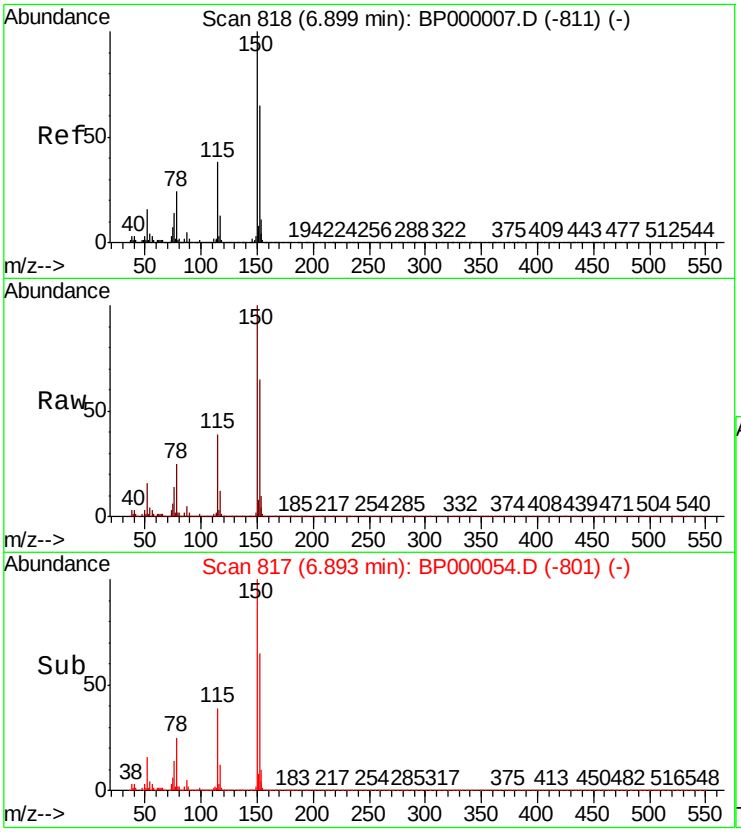
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000054.D
Acq On : 04 Sep 2019 10:08
Operator : HP/JU
Sample : PB122750BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 04 14:08:16 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



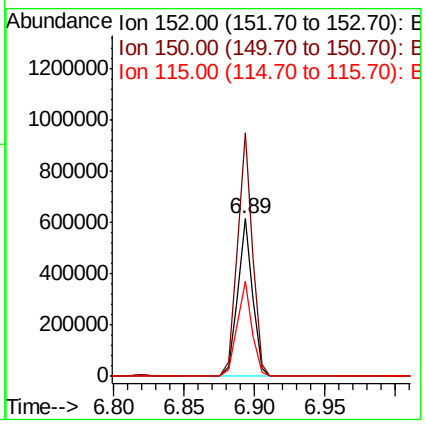


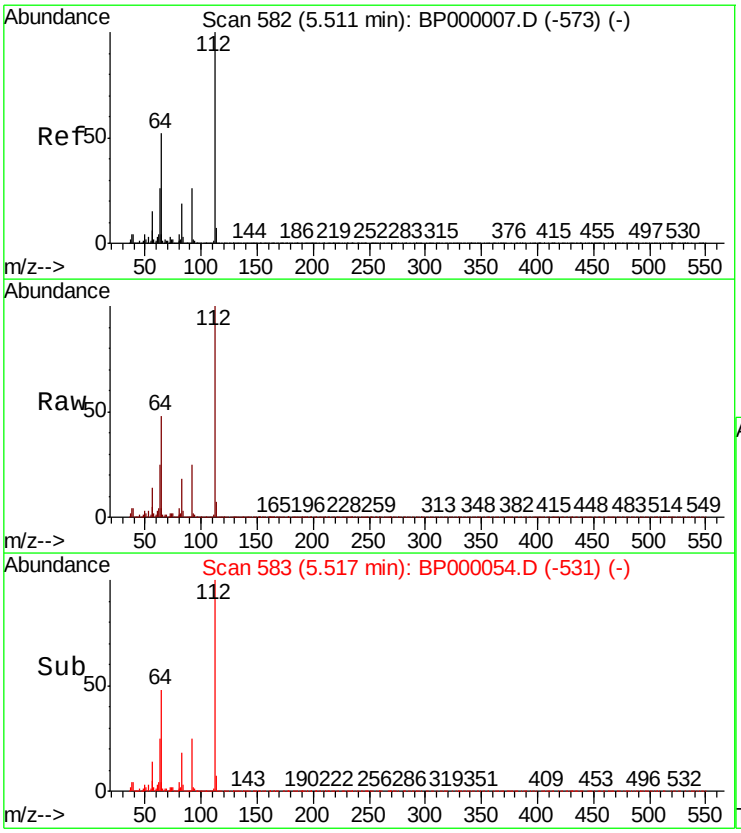
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 445842

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.0	184.6
115	60.1	46.7	70.1

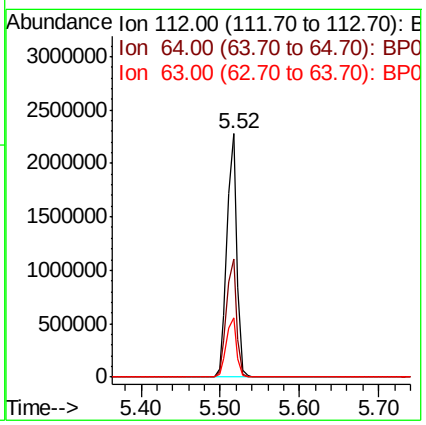


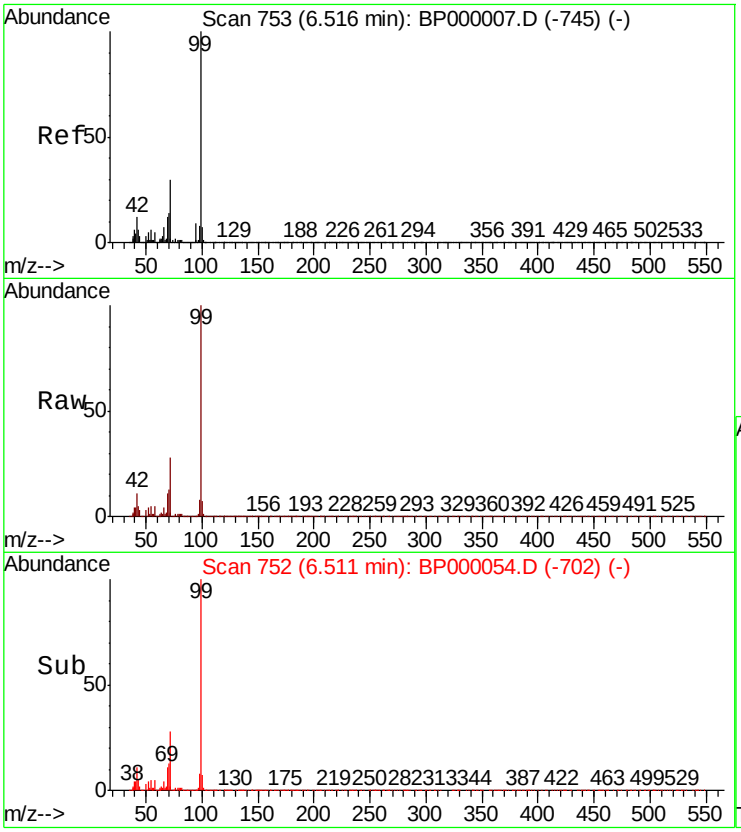


#5
2-Fluorophenol
Concen: 70.867 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Tgt Ion:112 Resp: 1981368

Ion	Ratio	Lower	Upper
112	100		
64	48.4	41.8	62.8
63	24.5	21.0	31.4



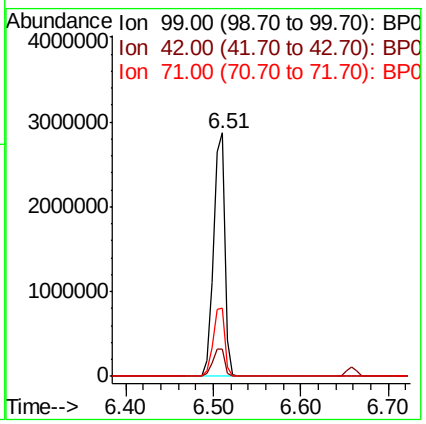


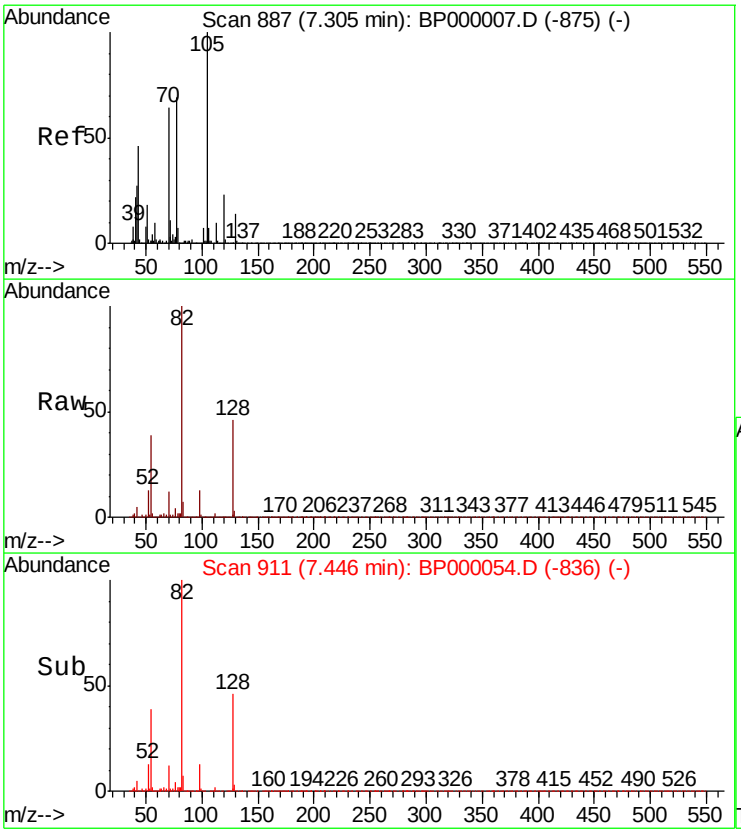
#7
Phenol-d6
Concen: 73.110 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2580487

Ion	Ratio	Lower	Upper
99	100		
42	11.1	9.8	14.8
71	28.0	23.8	35.8

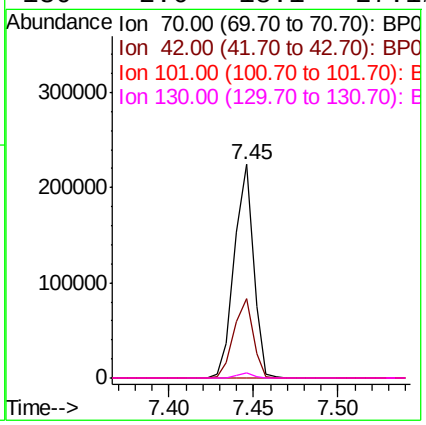


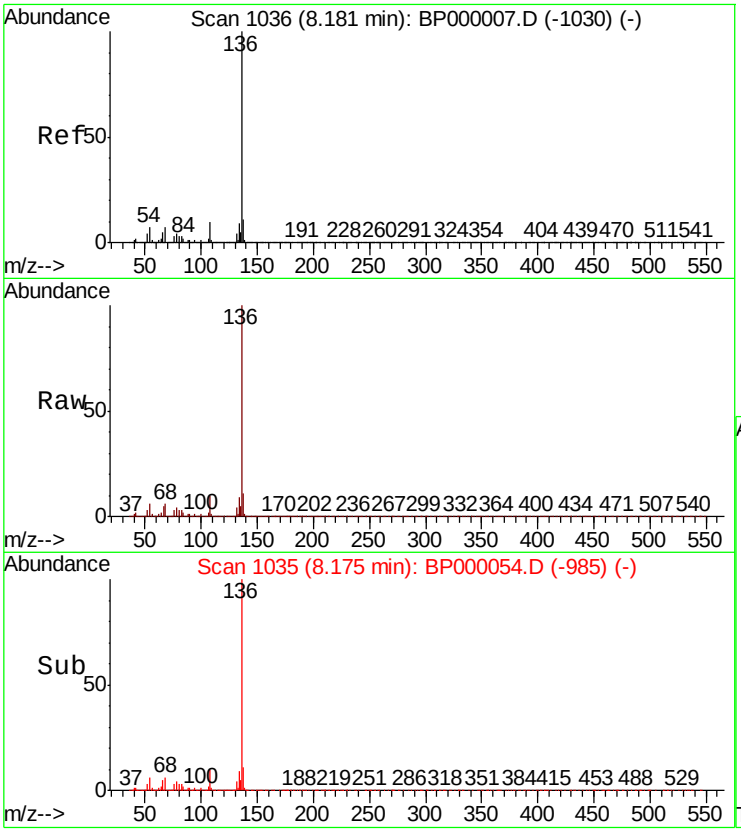


#19
n-Nitroso-di-n-propylamine
Concen: 8.769 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Tgt Ion: 70 Resp: 176156

Ion	Ratio	Lower	Upper
70	100		
42	37.0	33.8	50.6
101	0.0	8.7	13.1#
130	2.6	18.1	27.1#



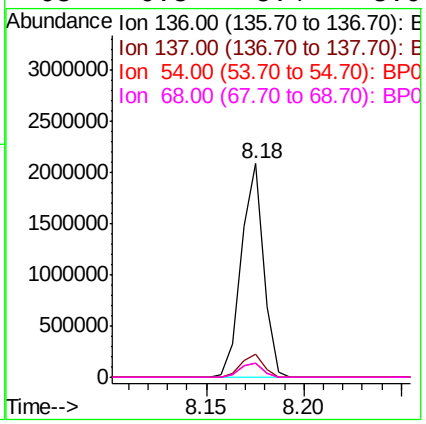


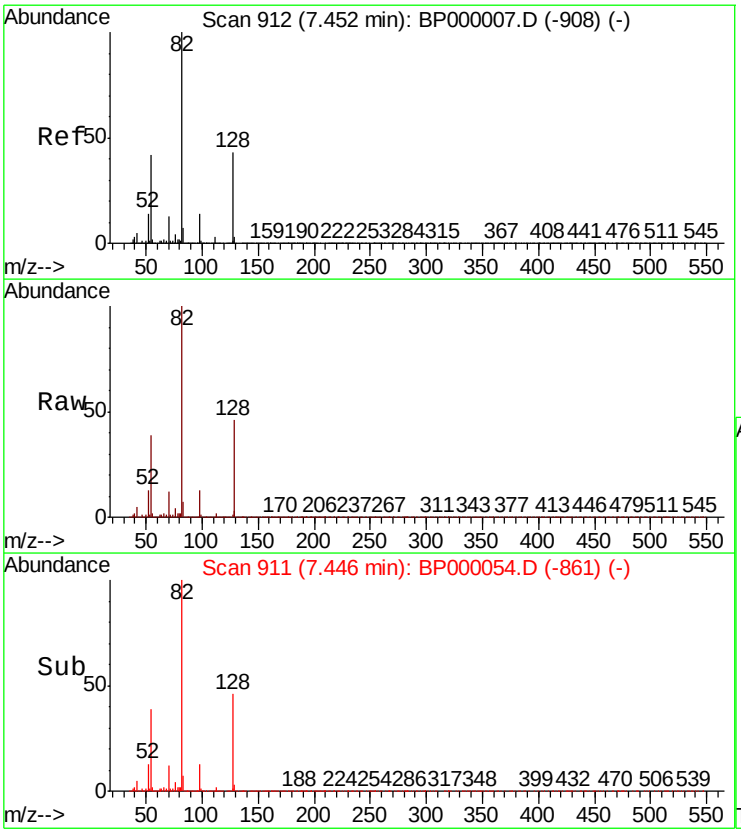
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1649469

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.3	5.4	8.2
68	6.3	5.4	8.0

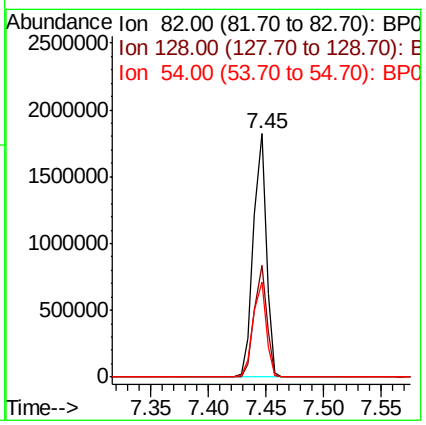


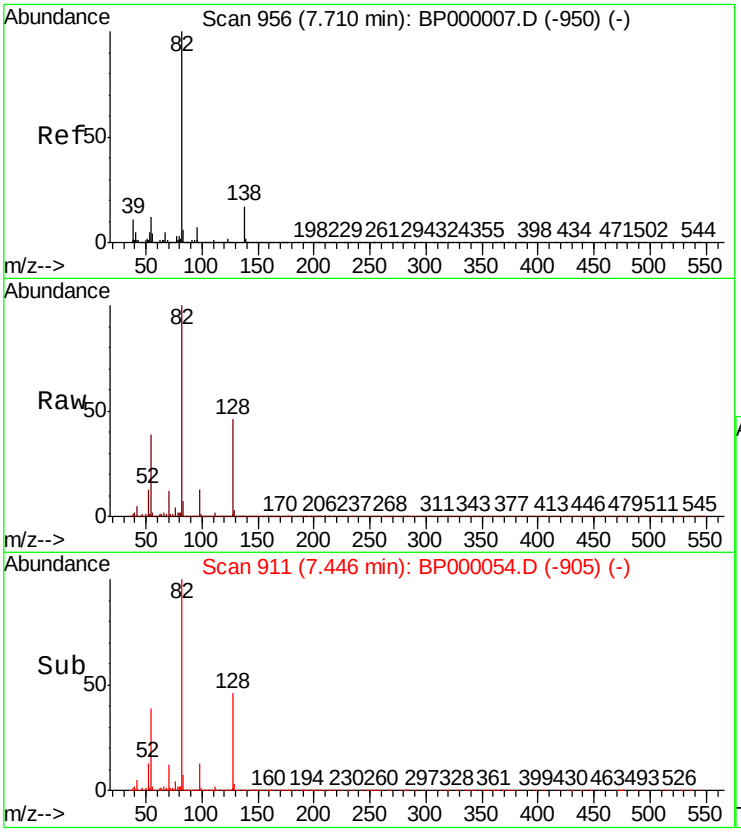


#23
Nitrobenzene-d5
Concen: 52.841 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Tgt Ion: 82 Resp: 1420464

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.5	51.7
54	38.8	33.2	49.8



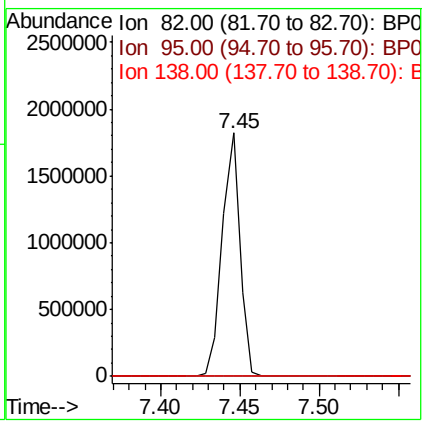


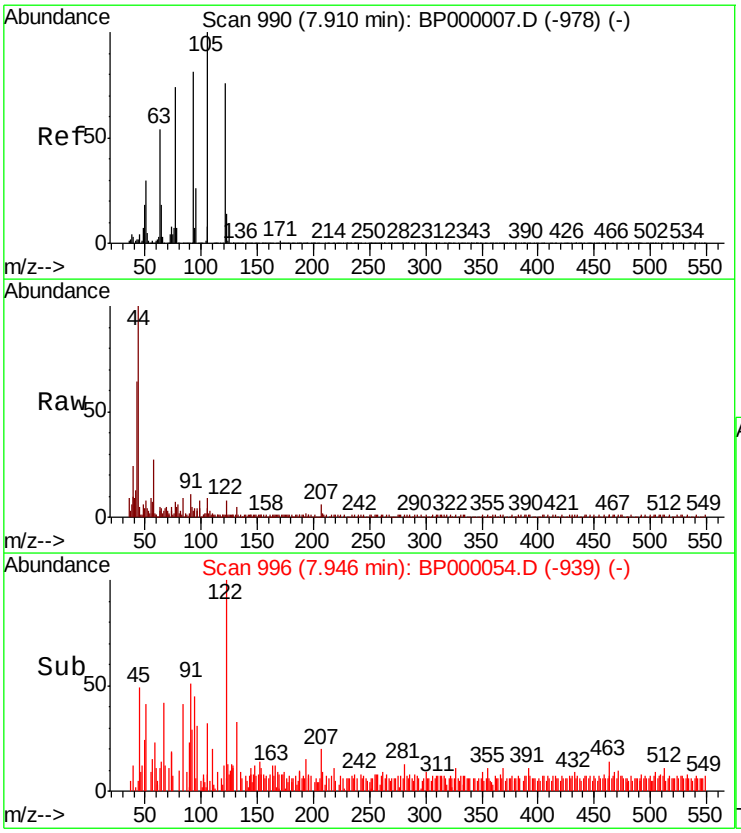
#25
Isophorone
Concen: 24.991 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1419462

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

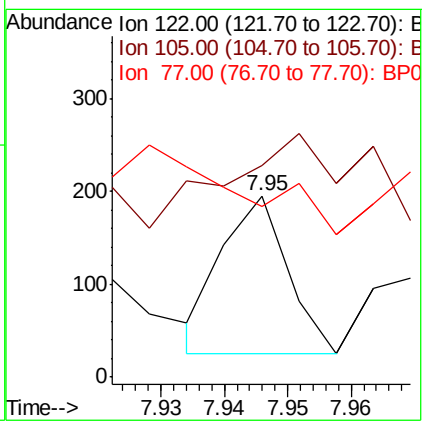


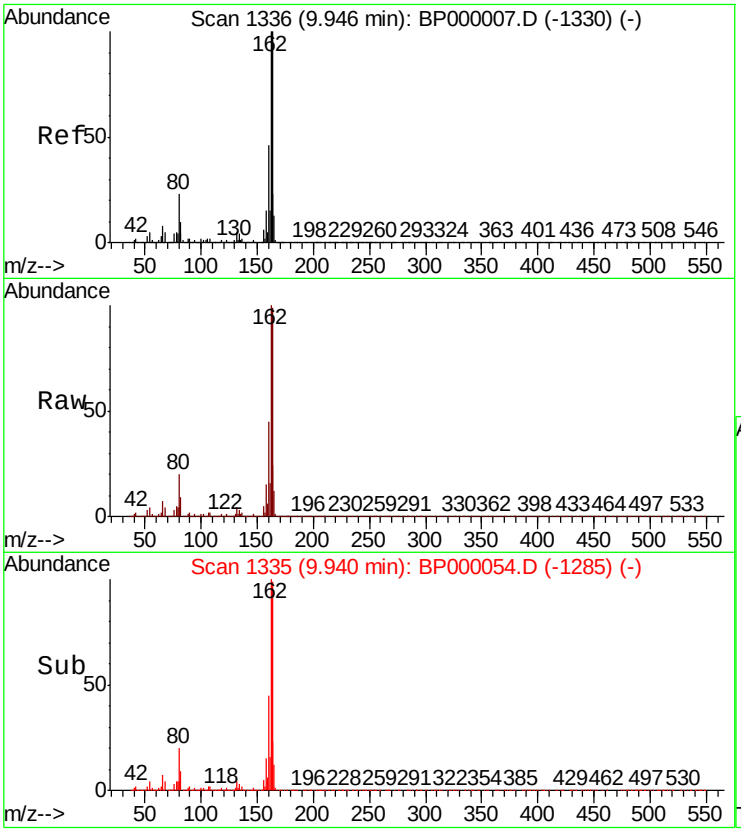


#32
Benzoic acid
Concen: 8.068 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.04 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Tgt Ion:122 Resp: 121

Ion	Ratio	Lower	Upper
122	100		
105	116.9	104.6	144.6
77	93.8	74.1	114.1



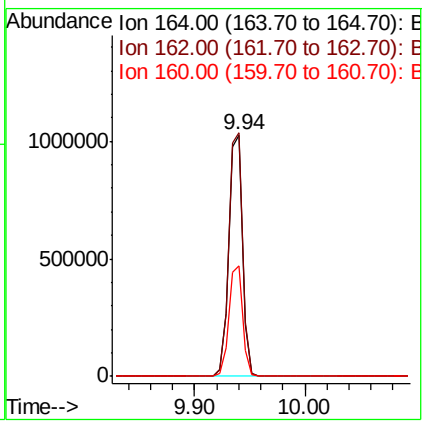


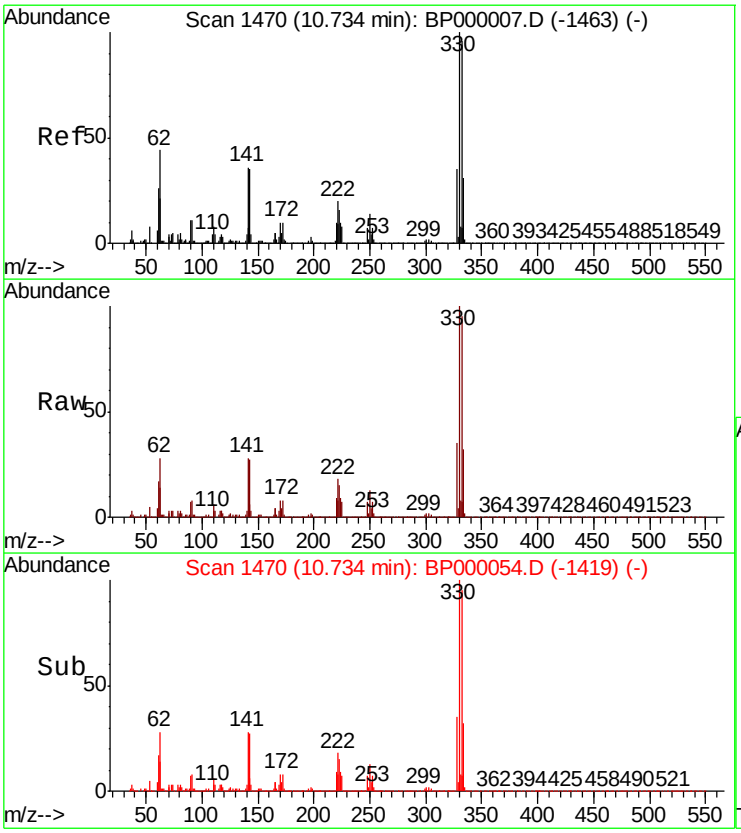
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 897068

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.4
160	45.8	36.6	55.0

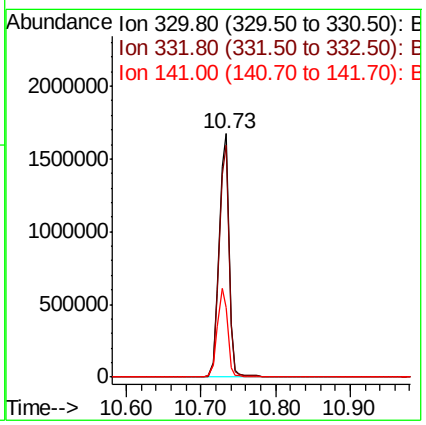


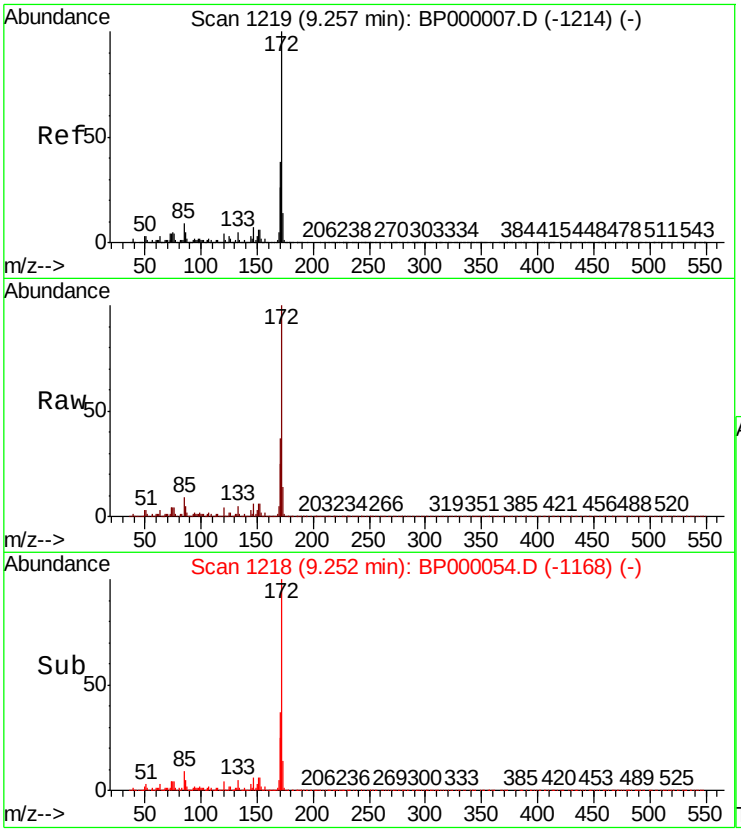


#42
2,4,6-Tribromophenol
Concen: 202.951 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Tgt Ion:330 Resp: 1534587

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	37.8	33.6	50.4



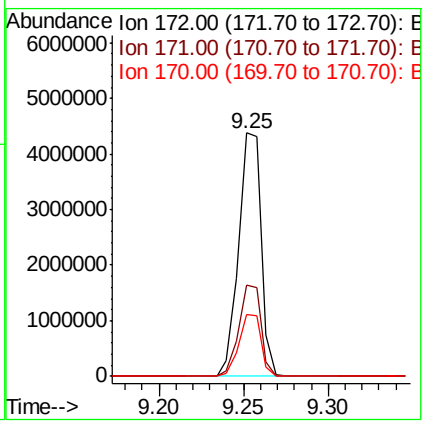


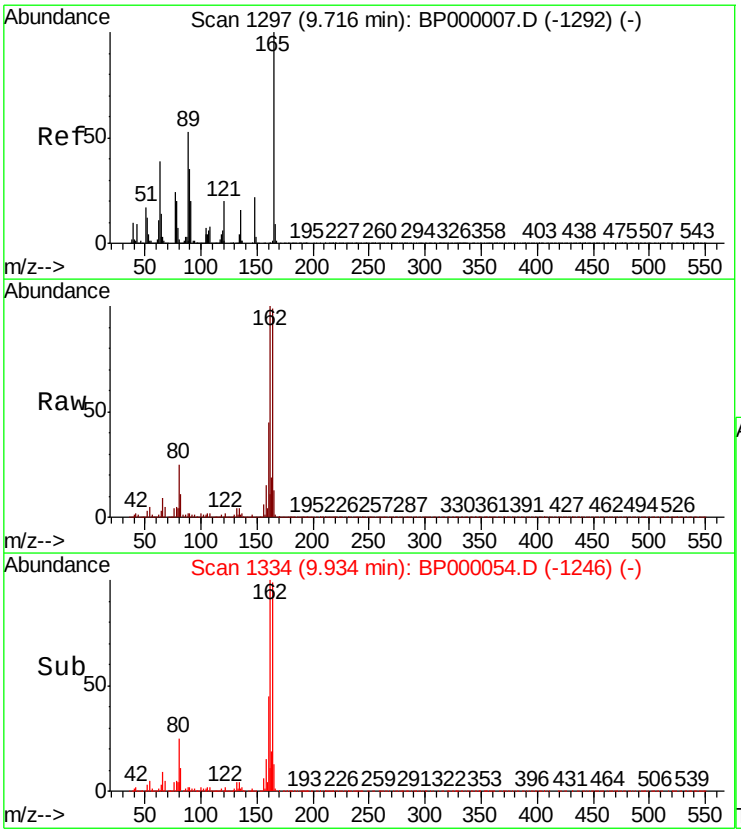
#45
2-Fluorobiphenyl
Concen: 75.800 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 4071733

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.7	46.1
170	25.3	20.7	31.1

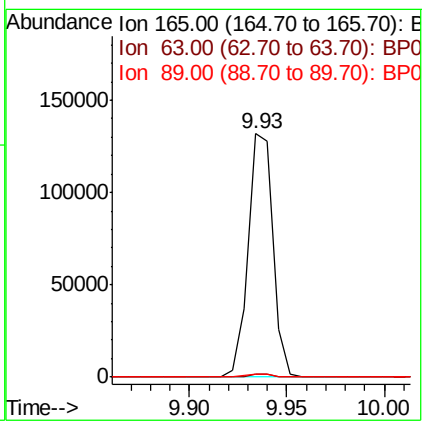


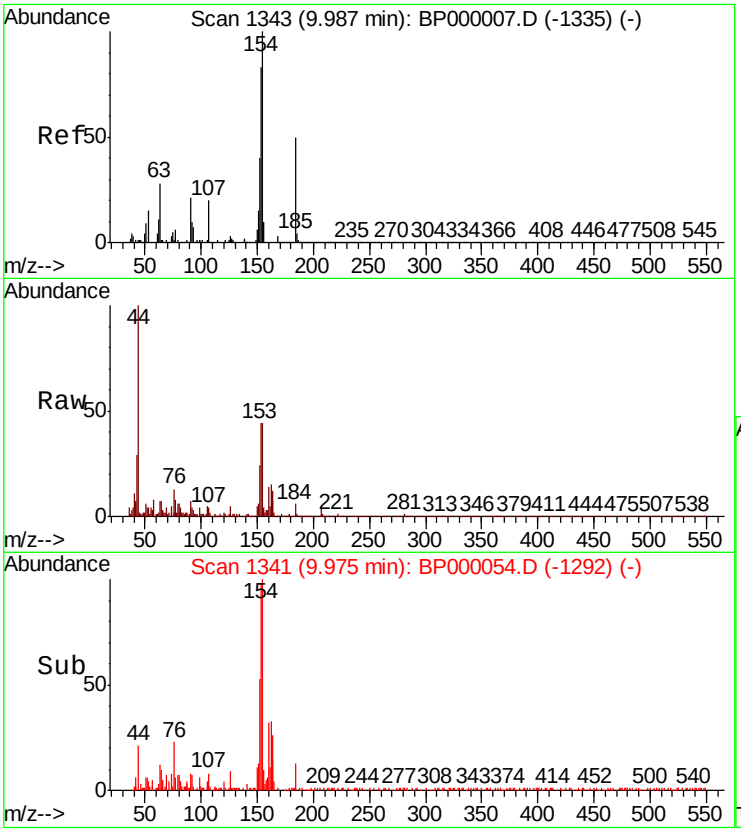


#51
2,6-Dinitrotoluene
Concen: 8.954 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Tgt Ion:165 Resp: 116184

Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.8	53.6#
89	1.2	42.2	63.4#



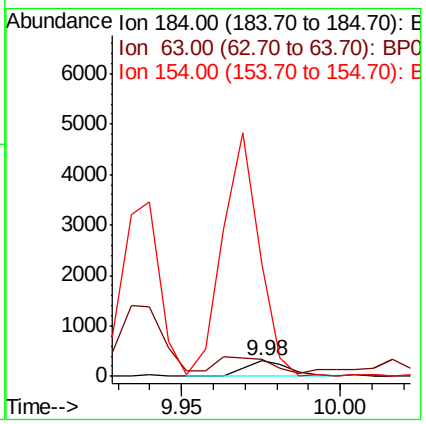


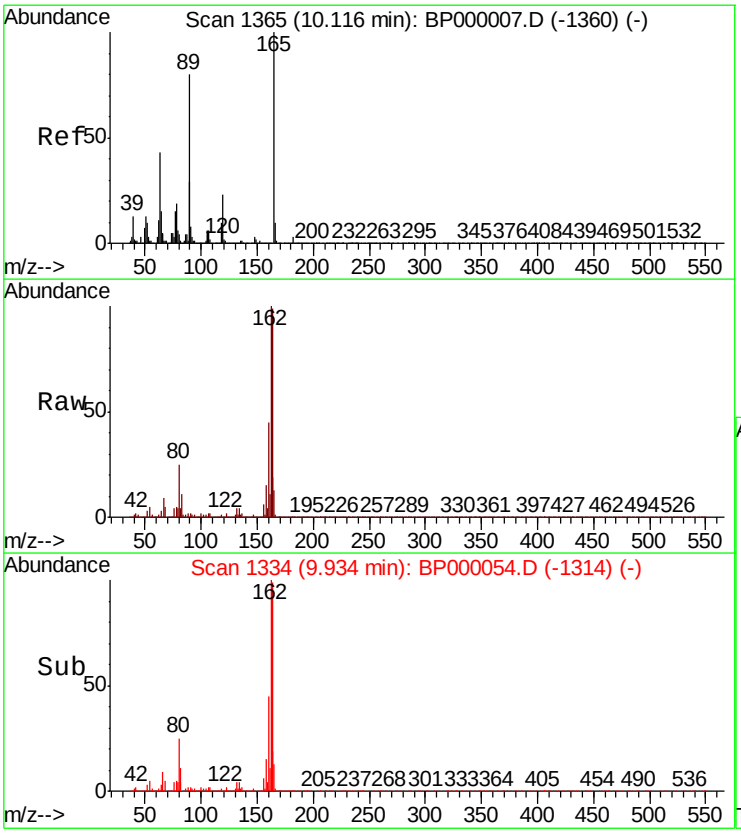
#54
2,4-Dinitrophenol
Concen: 8.699 ng
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 274

Ion	Ratio	Lower	Upper
184	100		
63	109.2	46.0	69.0#
154	730.5	161.9	242.9#

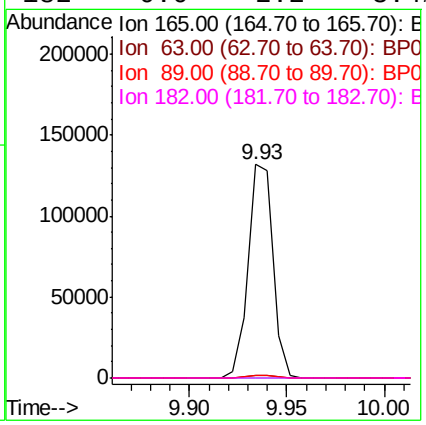


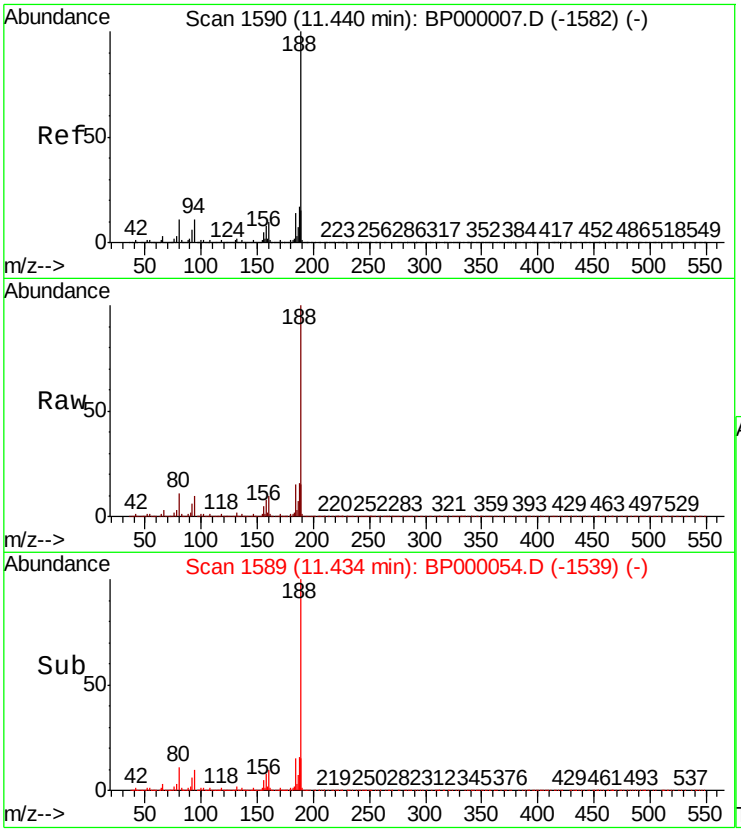


#57
2,4-Dinitrotoluene
Concen: 7.014 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Tgt Ion:165 Resp: 116184

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.4	51.6#
89	1.2	64.3	96.5#
182	0.0	2.2	3.4#



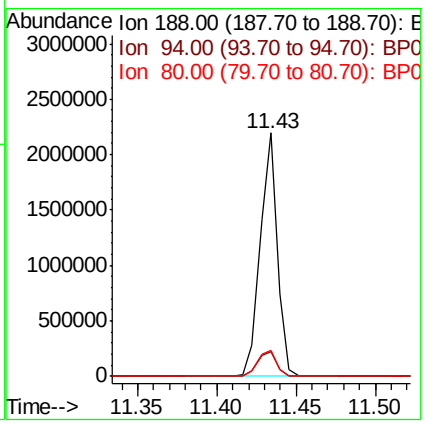


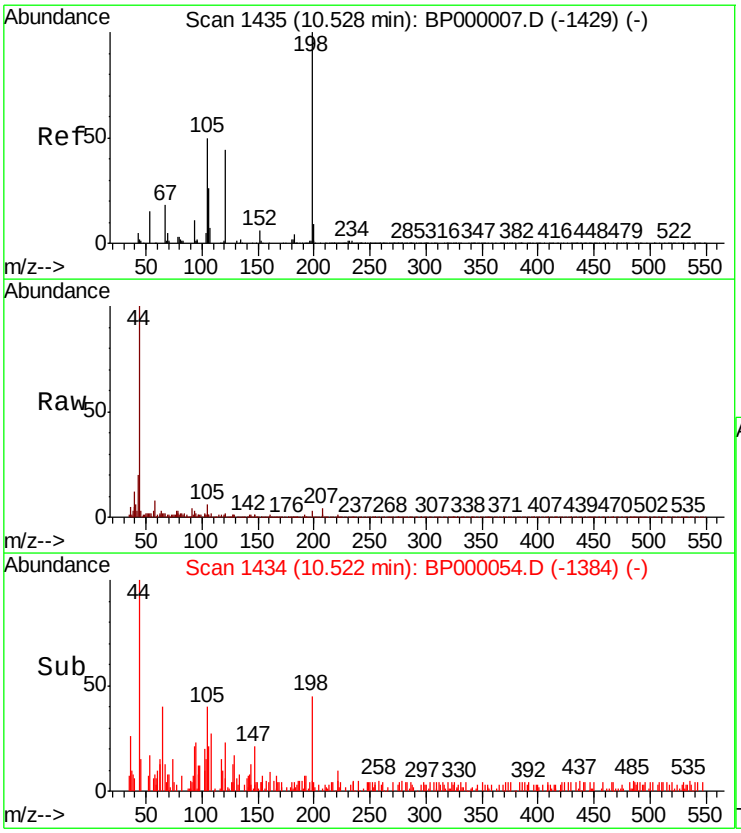
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1669210

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.8	13.2
80	10.9	9.0	13.6

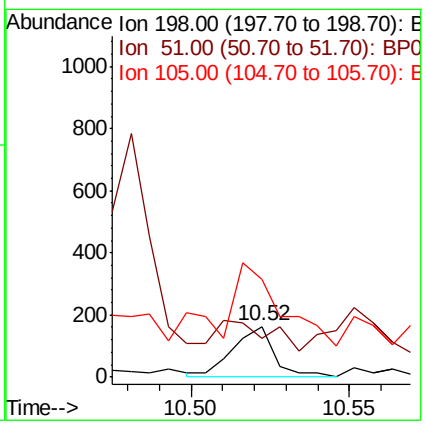


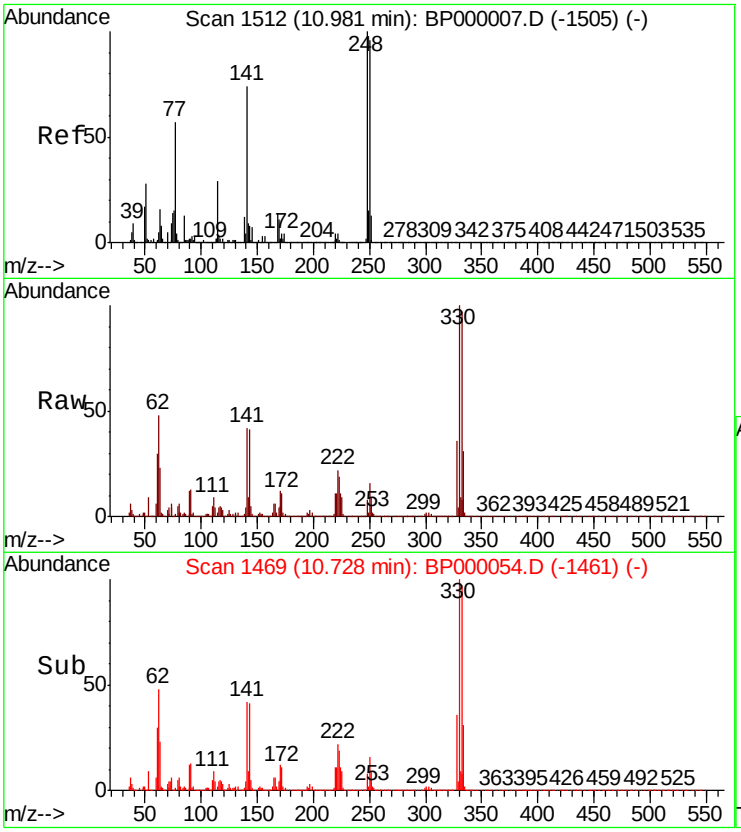


#65
4,6-Dinitro-2-methylphenol
Concen: 7.744 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Tgt Ion:198 Resp: 149

Ion	Ratio	Lower	Upper
198	100		
51	76.7	22.1	62.1#
105	193.9	32.0	72.0#



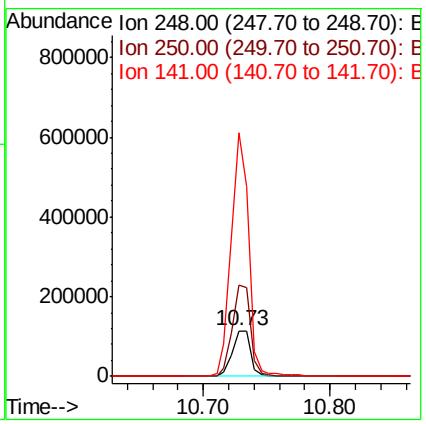


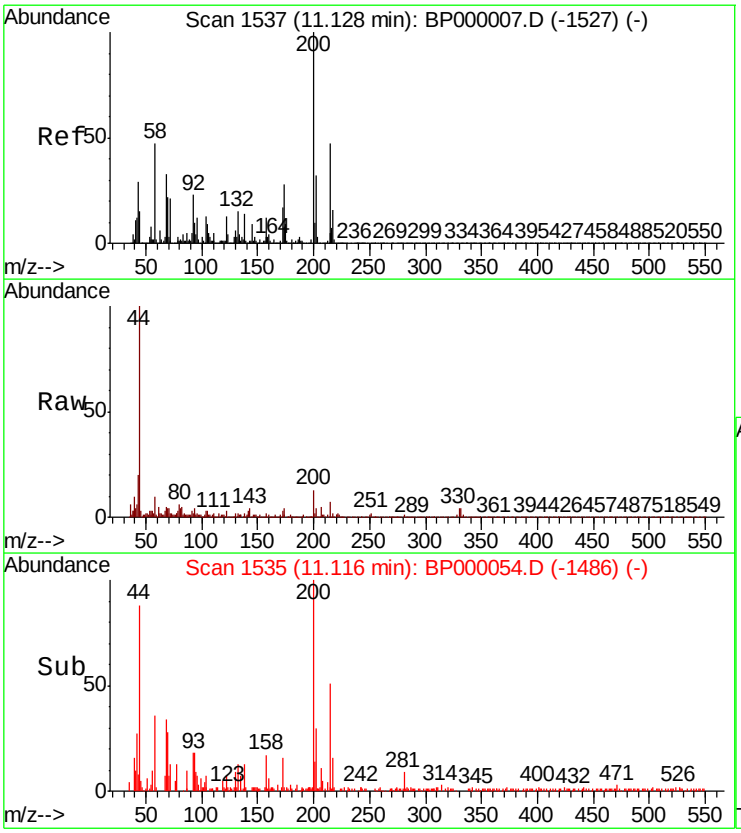
#67
4-Bromophenyl-phenylether
Concen: 6.610 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.25 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 112122

Ion	Ratio	Lower	Upper
248	100		
250	200.1	77.1	115.7#
141	534.7	59.5	89.3#

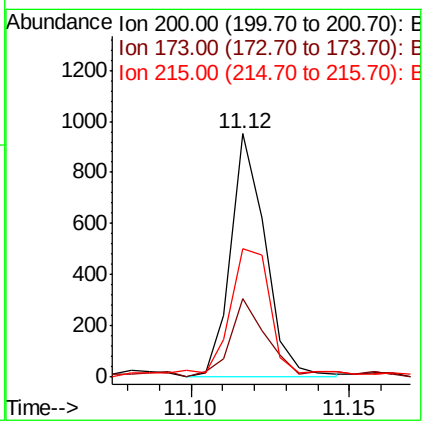


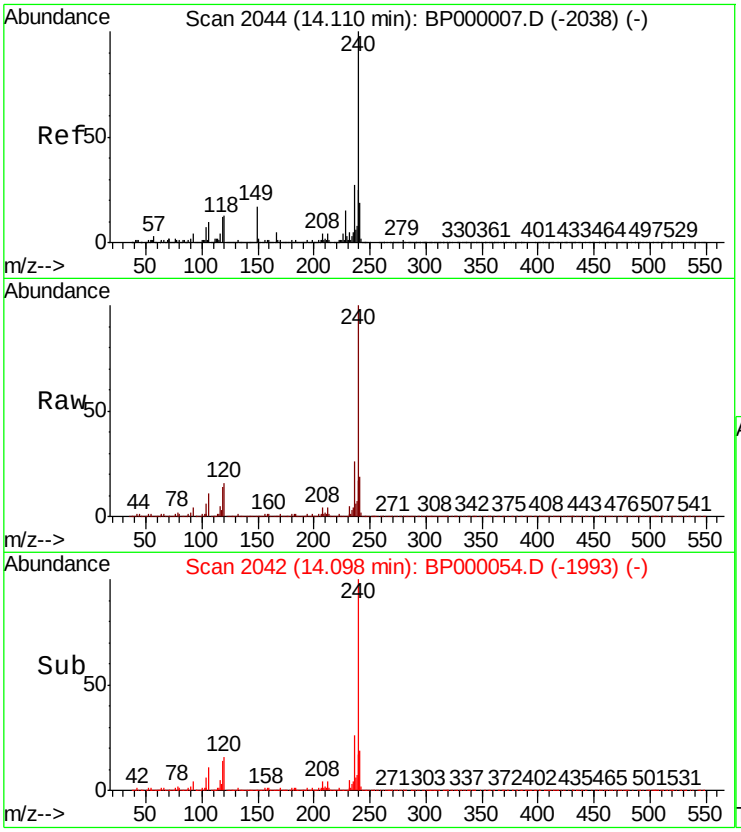


#69
Atrazine
Concen: Below Cal
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Tgt Ion:200 Resp: 720

Ion	Ratio	Lower	Upper
200	100		
173	32.2	8.1	48.1
215	52.7	26.7	66.7



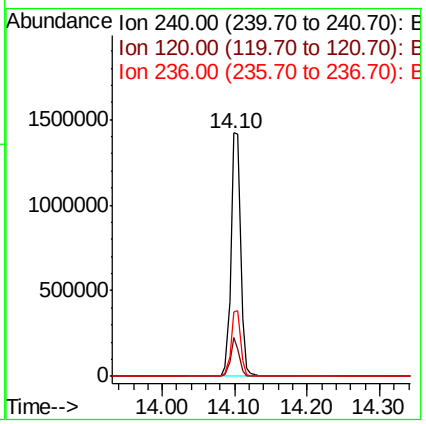


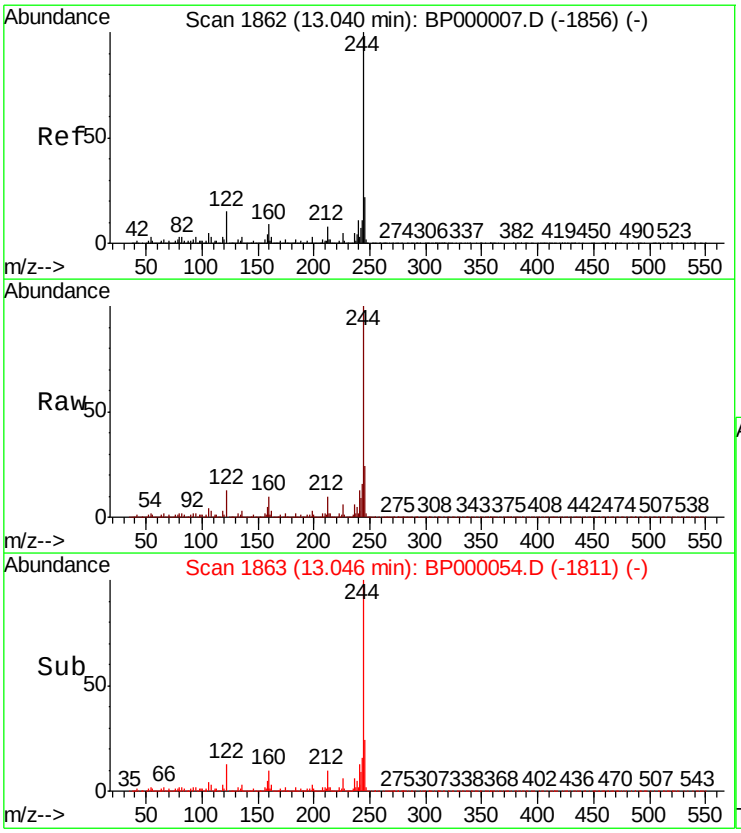
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 1329832

Ion	Ratio	Lower	Upper
240	100		
120	15.7	10.5	15.7#
236	26.4	21.5	32.3

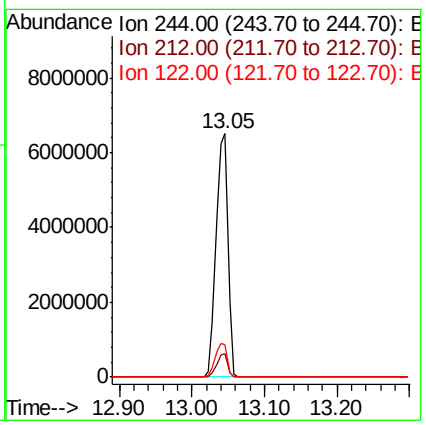


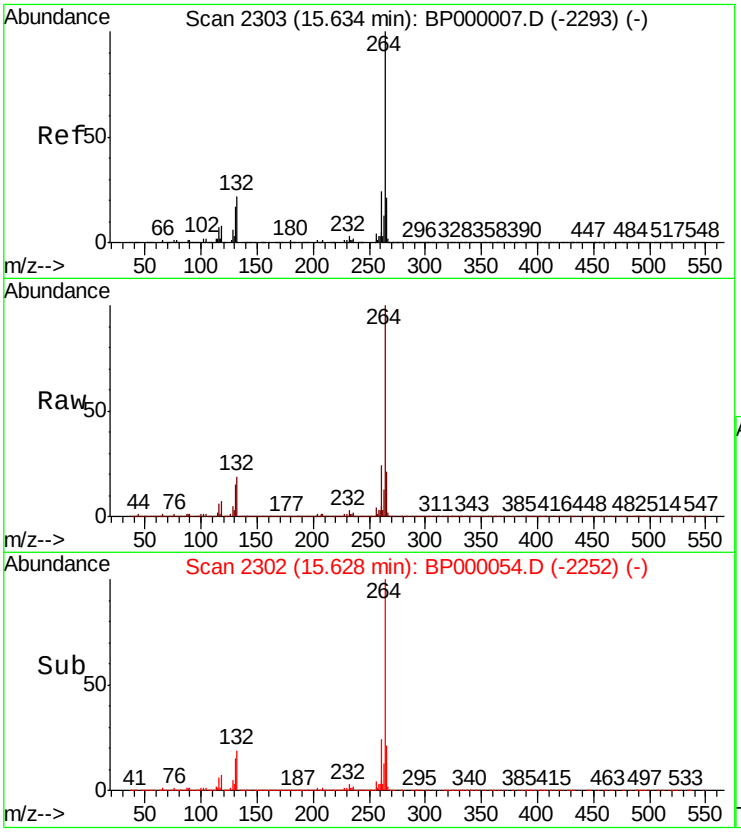


#79
Terphenyl-d14
Concen: 121.520 ng
RT: 13.05 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Tgt Ion:244 Resp: 7414222

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.6	10.0
122	13.1	12.3	18.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BP000054.D
Acq: 04 Sep 2019 10:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 1370743

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	20.9	17.1	25.7