Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111696.D
Acq On : 21 Dec 2018 19:19
Operator : JU/SJ
Sample : J6391-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS018-0612-01

Quant Time: Dec 21 22:35:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	162636	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	550284	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	236897	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	425018	20.00	ng		0.00
76) Chrysene-d12	14.06	240	356808	20.00	ng		0.01
87) Perylene-d12	15.56	264	274161	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	957581	100.36	ng		0.02
7) Phenol-d6	6.54	99	1179853	97.16	ng		0.02
23) Nitrobenzene-d5	7.46	82	765100	80.93	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	296815	106.04	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1306750	80.40	ng		0.00
79) Terphenyl-d14	13.01	244	1269012	67.45	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.55	94	66568	4.859	ng		98
19) n-Nitroso-di-n-propylamine	7.46	70	104274	12.930	ng	#	79
25) Isophorone	7.46	82	763186	45.473	ng	#	64
46) 1,1'-Biphenyl	9.36	154	57188	2.860	ng		93
50) Dimethylphthalate	9.65	163	65653	3.790	ng	#	71
51) 2,6-Dinitrotoluene	9.66	165	12917	3.739	ng	#	78
57) 2,4-Dinitrotoluene	9.94	165	30685	7.391	ng	#	26
65) 4,6-Dinitro-2-methylphenol	10.73	198	708	7.040	ng	#	1
67) 4-Bromophenyl-phenylether	10.73	248	19003	3.605	ng	#	1

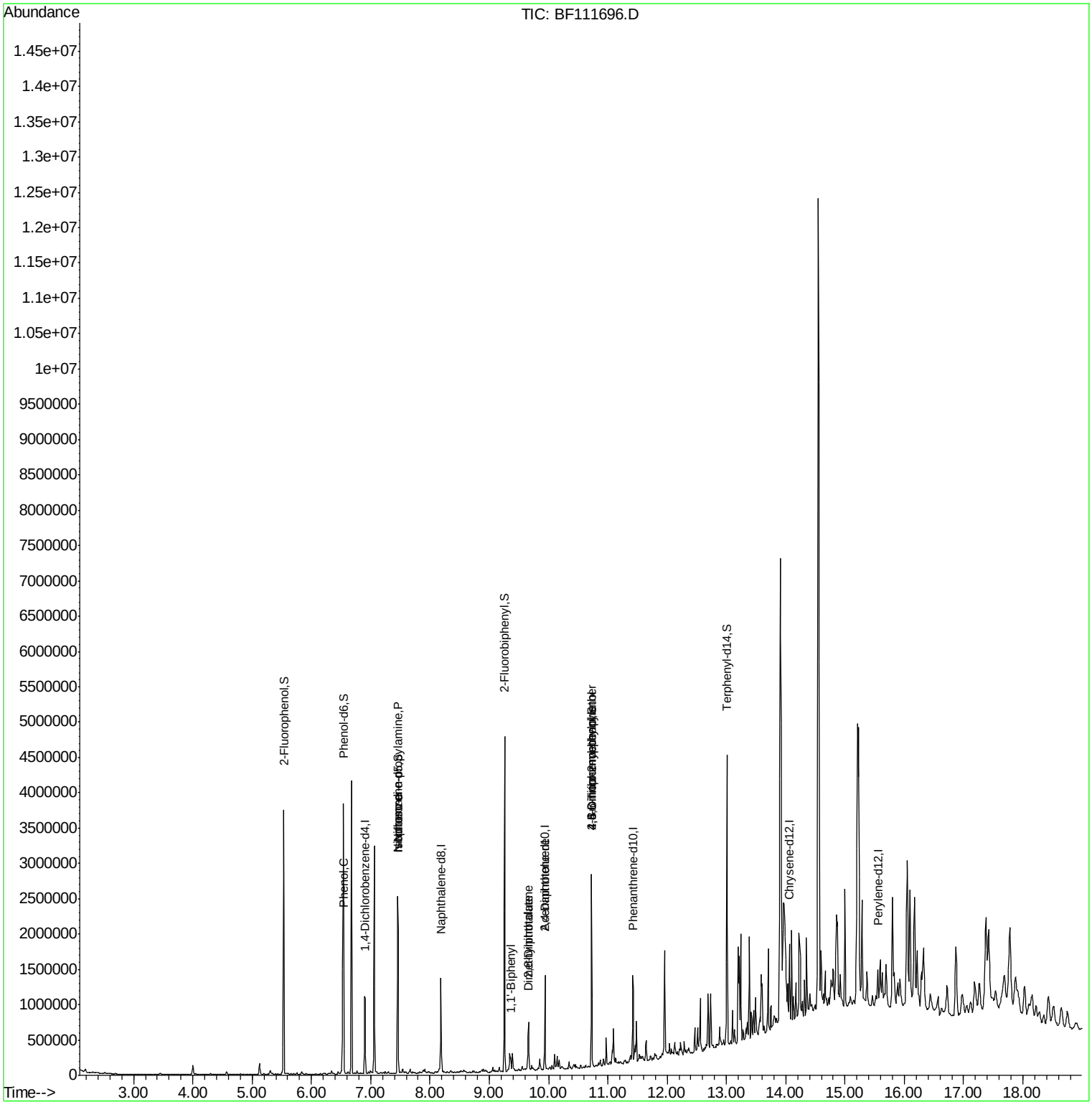
(#) = qualifier out of range (m) = manual integration (+) = signals summed

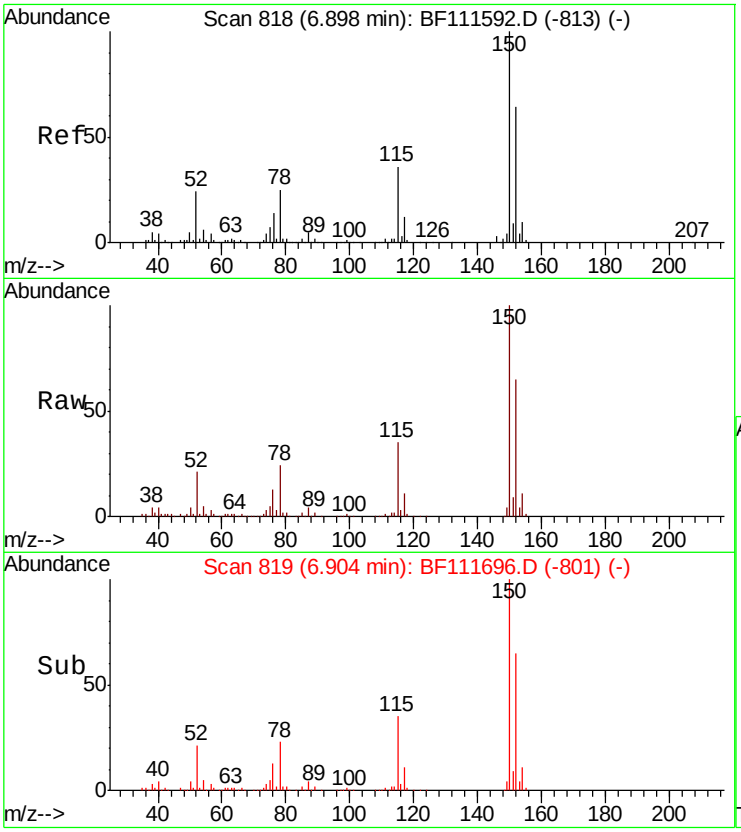
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111696.D
Acq On : 21 Dec 2018 19:19
Operator : JU/SJ
Sample : J6391-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Quant Time: Dec 21 22:35:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



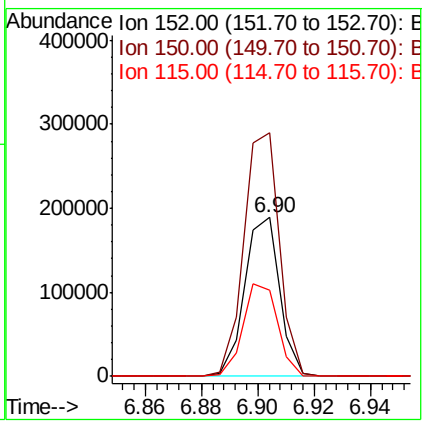


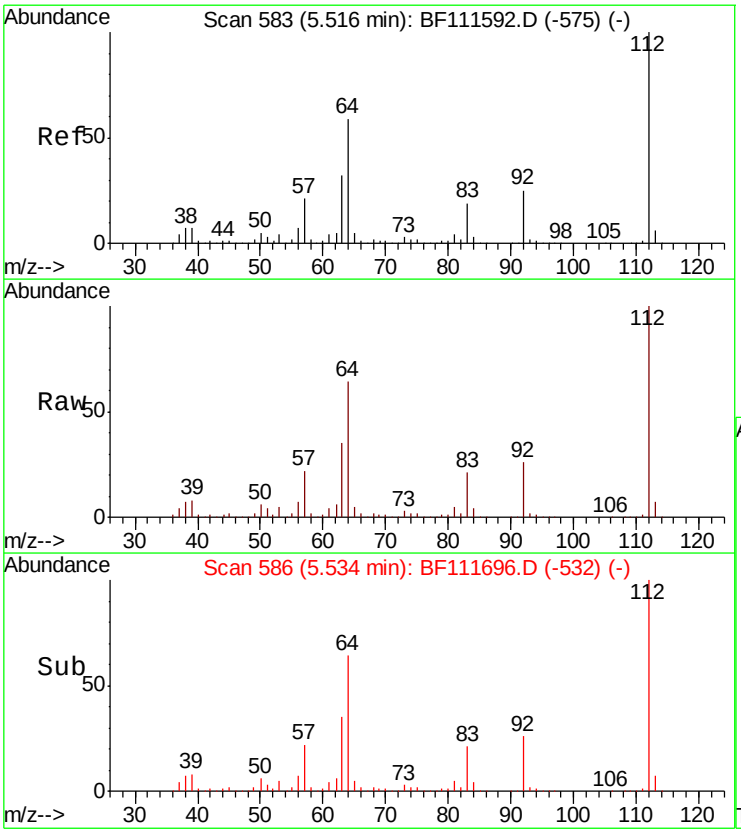
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion:152 Resp: 162636

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	54.3	50.7	76.1

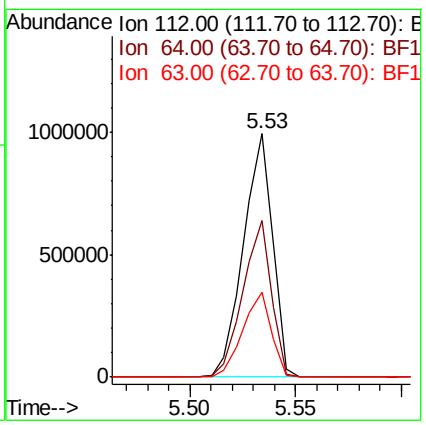


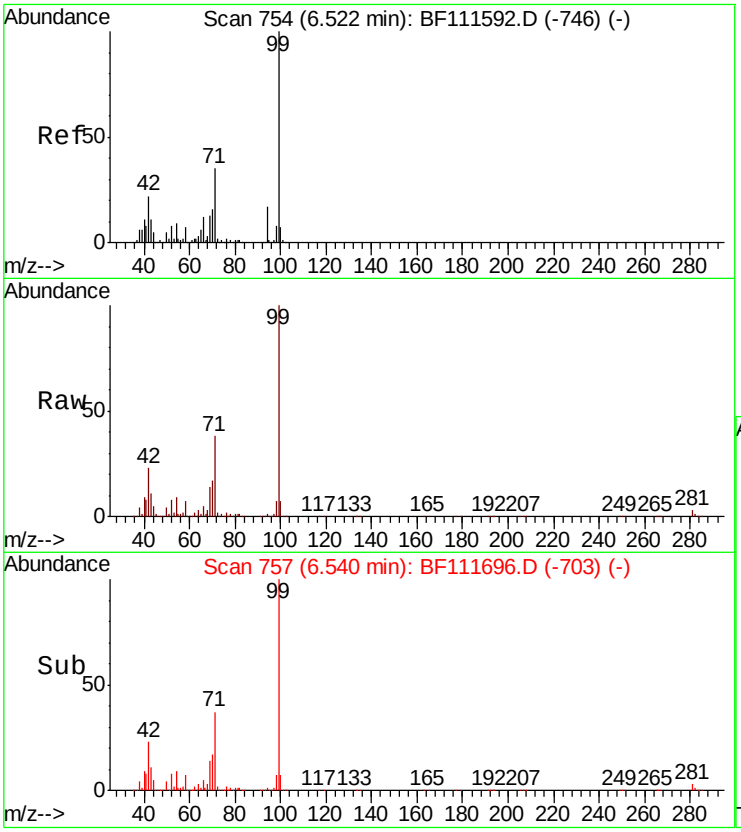


#5
2-Fluorophenol
Concen: 100.361 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion:112 Resp: 957581

Ion	Ratio	Lower	Upper
112	100		
64	64.3	51.8	77.6
63	35.0	26.8	40.2



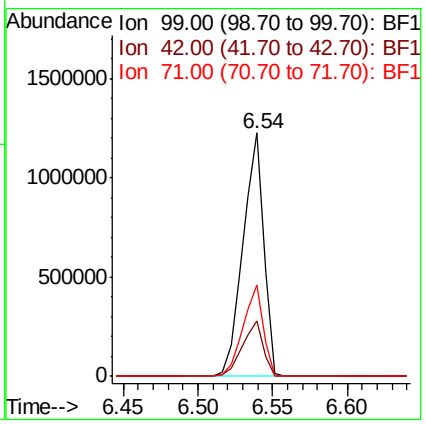


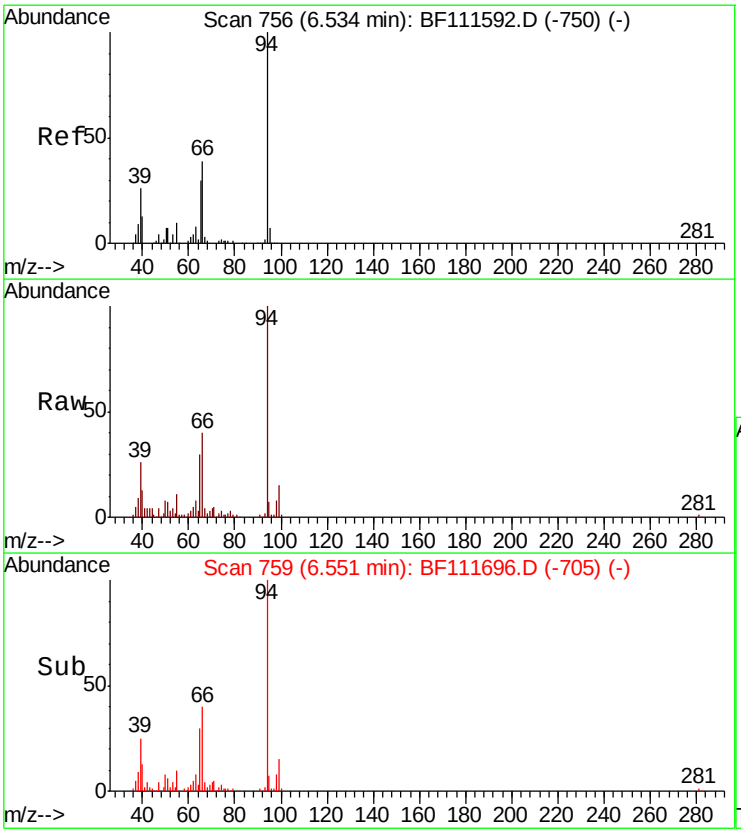
#7
Phenol-d6
Concen: 97.165 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion: 99 Resp: 1179853

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	37.5	26.1	39.1

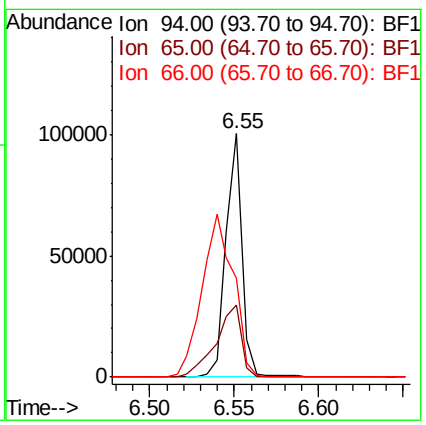


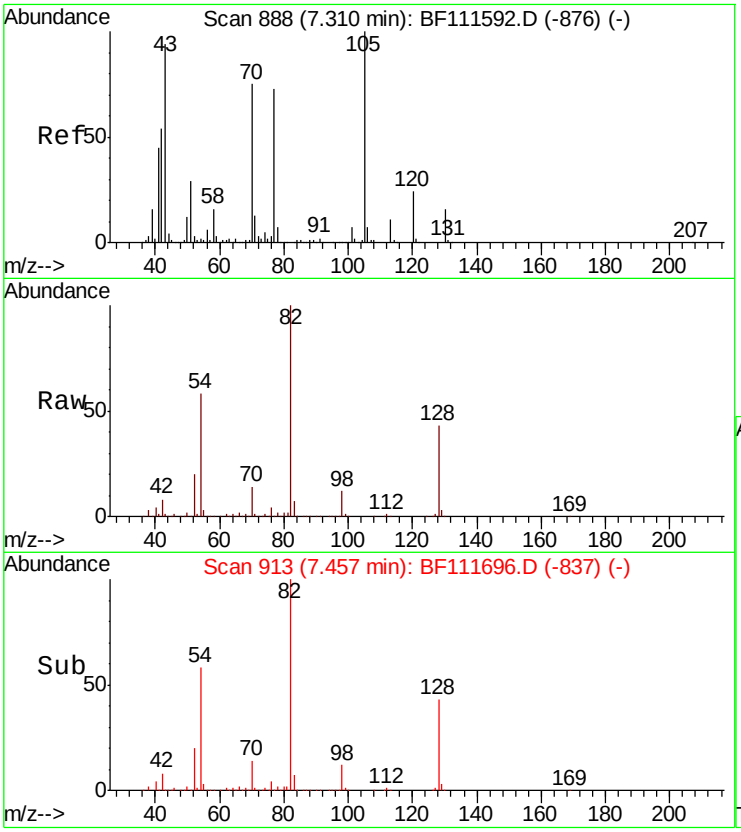


#10
Phenol
Concen: 4.859 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion: 94 Resp: 66568

Ion	Ratio	Lower	Upper
94	100		
65	29.5	11.7	51.7
66	40.5	21.0	61.0



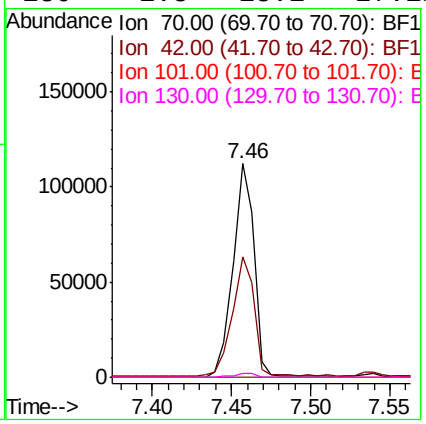


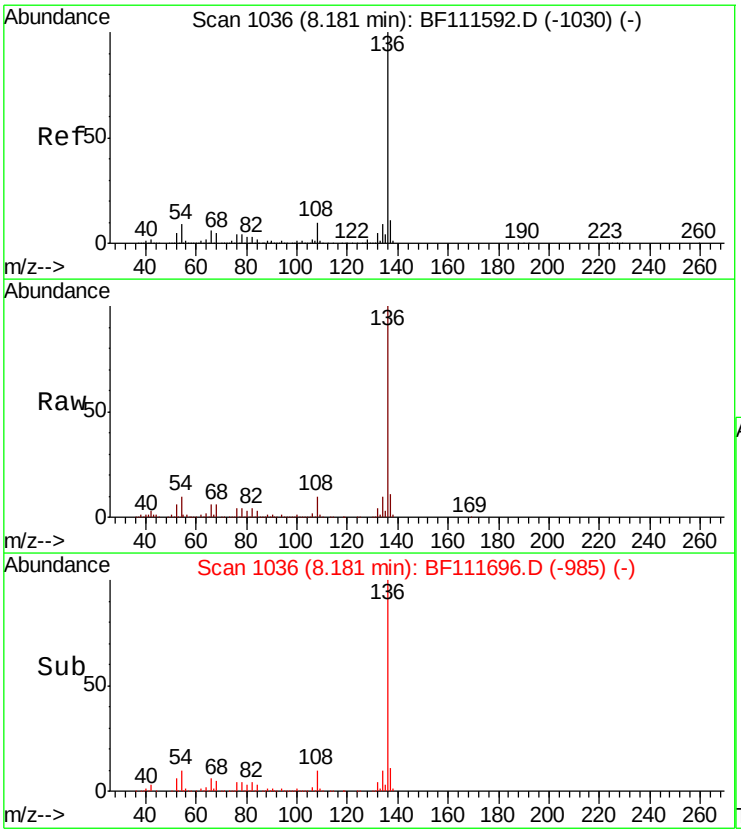
#19
n-Nitroso-di-n-propylamine
Concen: 12.930 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion: 70 Resp: 104274

Ion	Ratio	Lower	Upper
70	100		
42	56.2	53.2	79.8
101	0.0	8.2	12.4#
130	1.8	18.1	27.1#

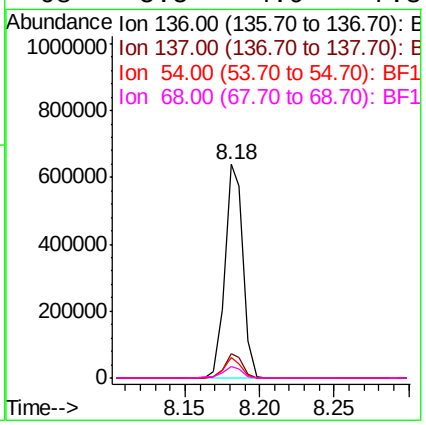


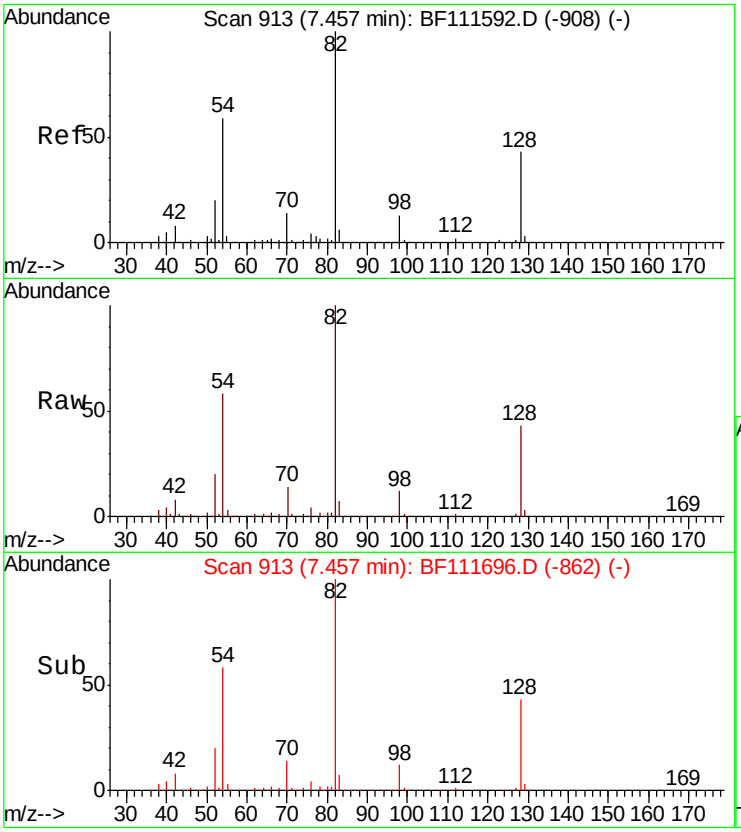


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion:136 Resp: 550284

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.6	7.7	11.5
68	5.5	4.9	7.3



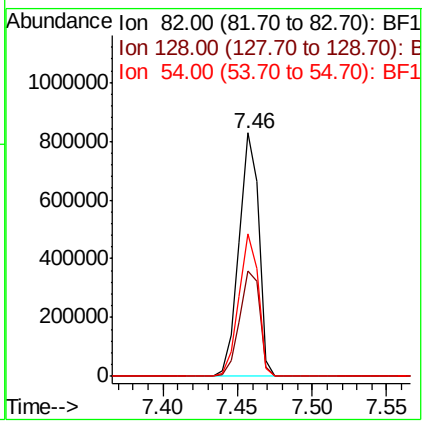


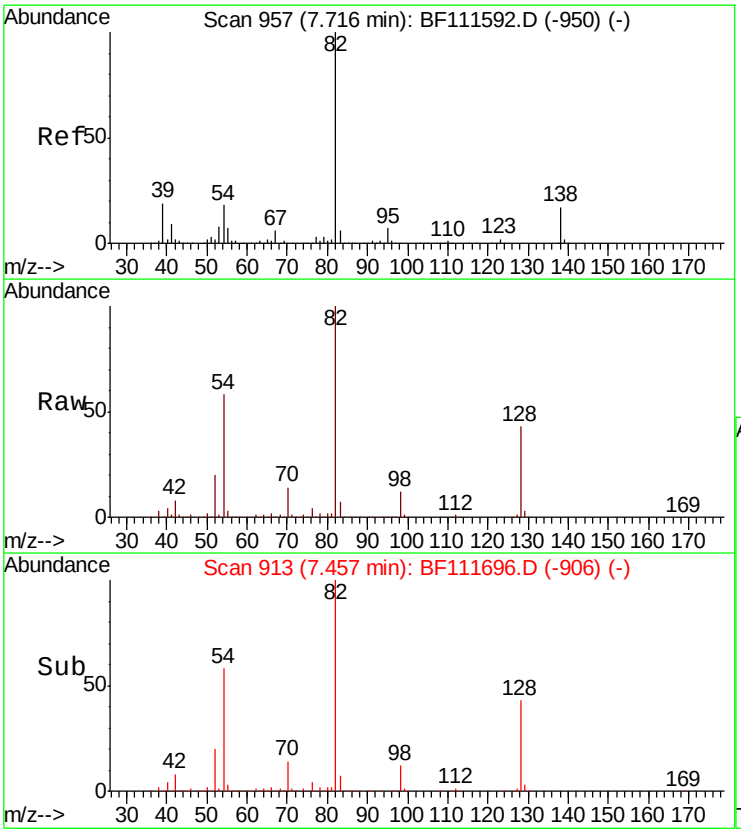
#23
Nitrobenzene-d5
Concen: 80.930 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion: 82 Resp: 765100

Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.4	56.2
54	58.4	47.6	71.4

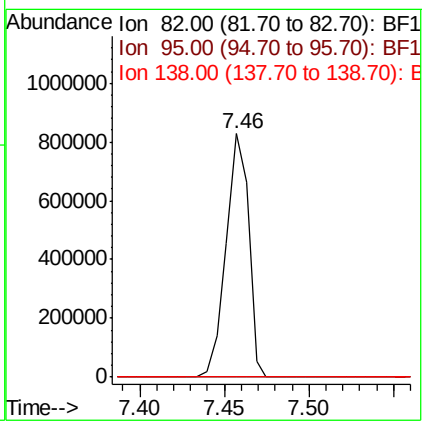


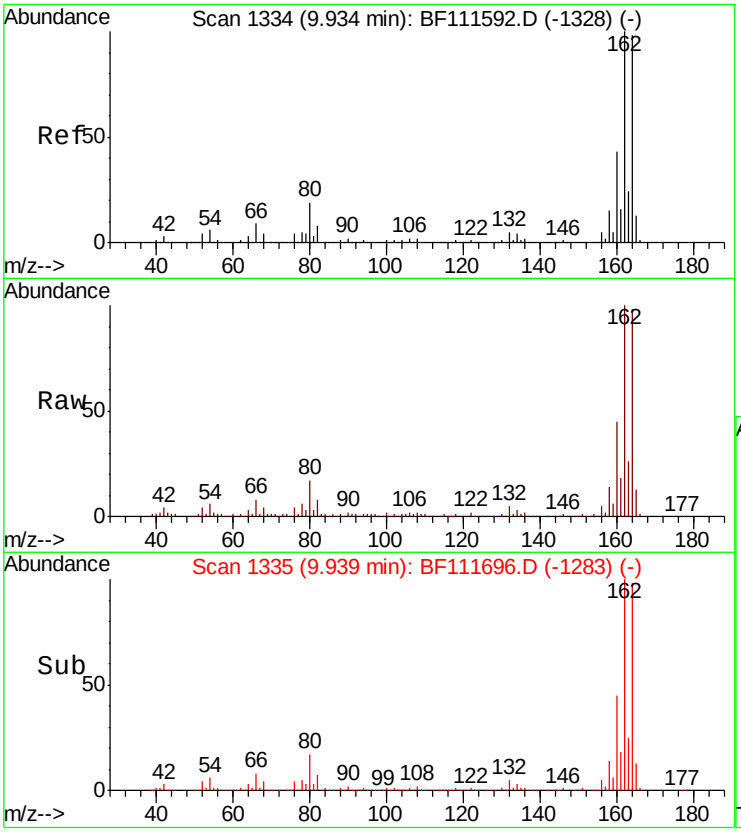


#25
Isophorone
Concen: 45.473 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion: 82 Resp: 763186

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#



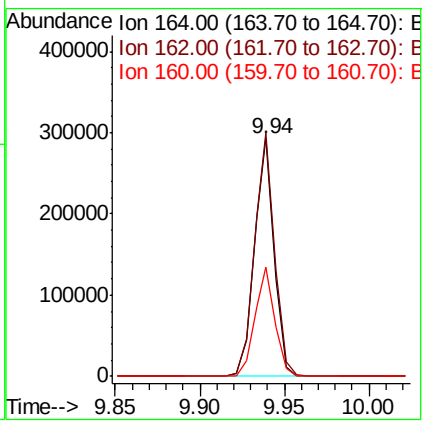


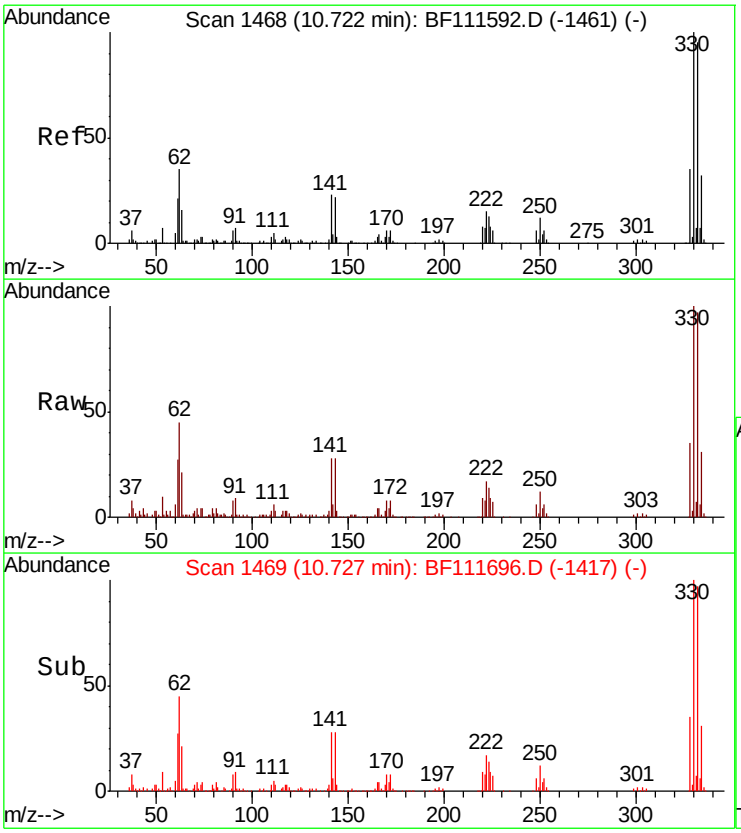
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion:164 Resp: 236897

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.4	122.0
160	45.8	35.7	53.5

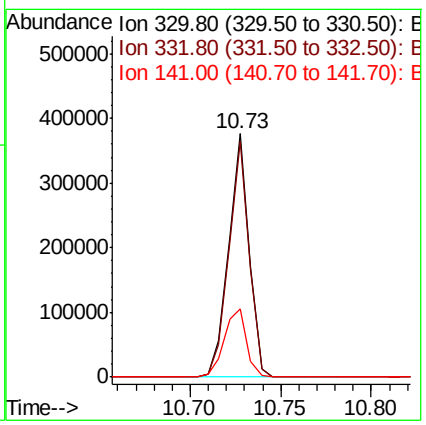


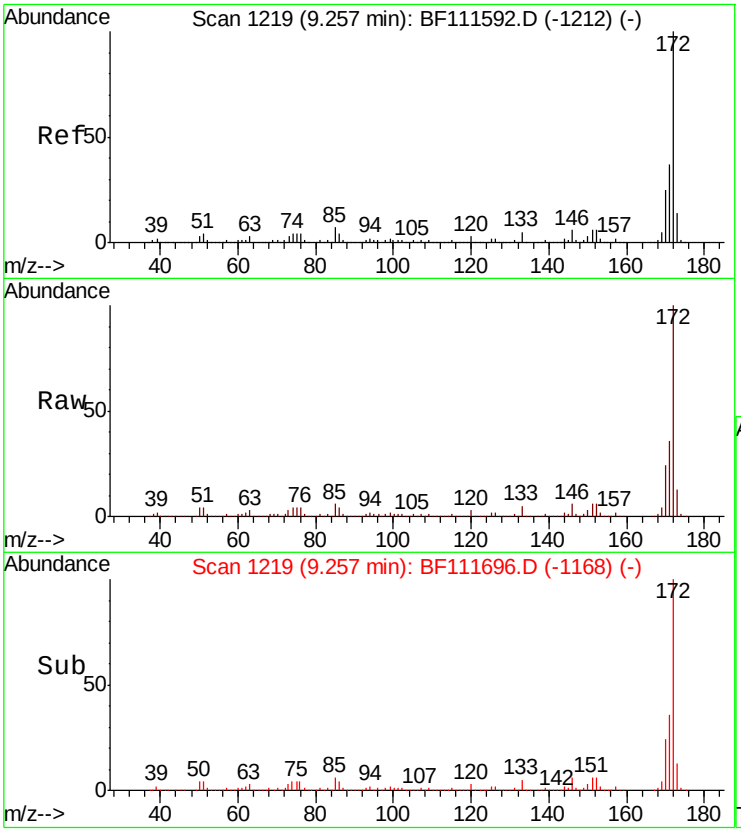


#42
2,4,6-Tribromophenol
Concen: 106.039 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion:330 Resp: 296815

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	30.6	31.0	46.6#



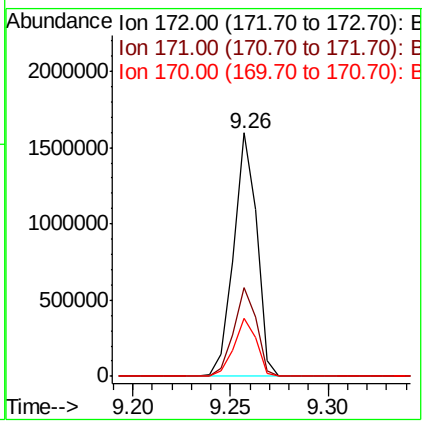


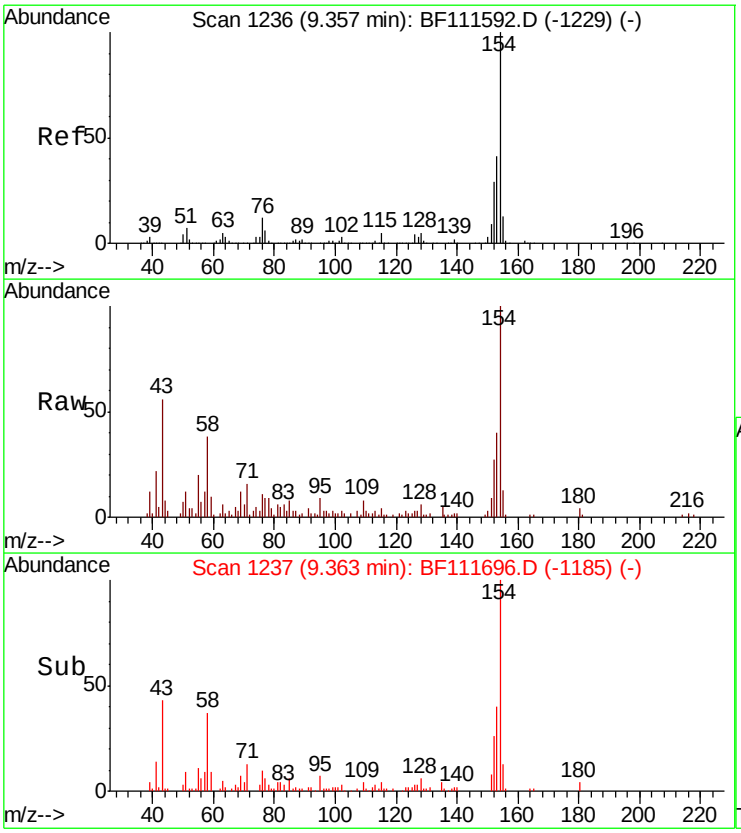
#45
2-Fluorobiphenyl
Concen: 80.401 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion:172 Resp: 1306750

Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.0	49.4
170	23.9	22.3	33.5

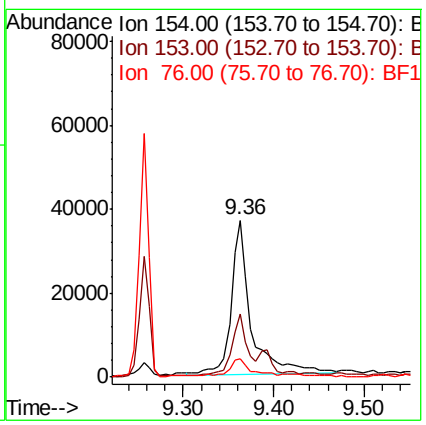


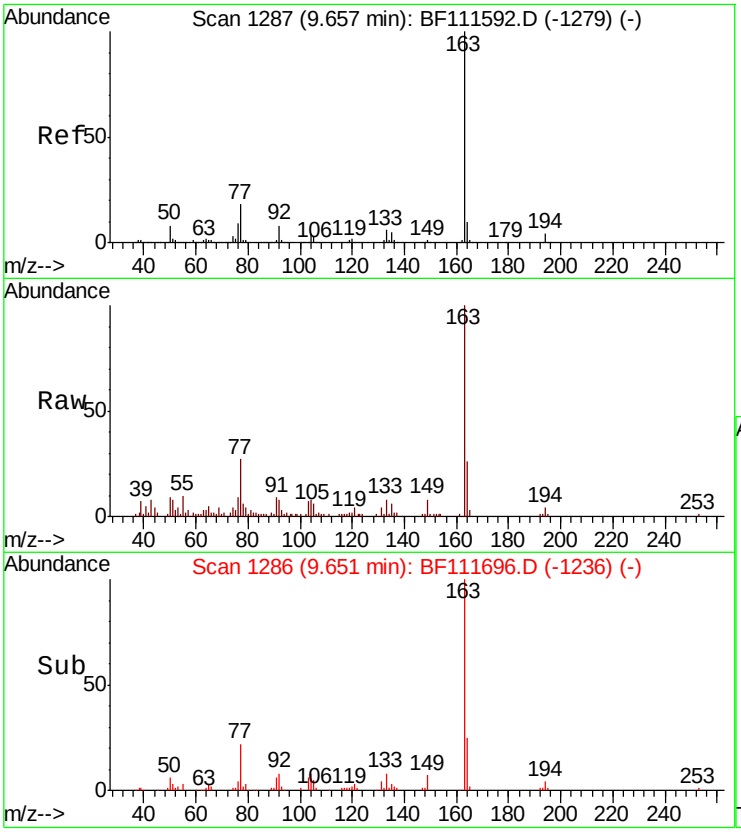


#46
1,1'-Biphenyl
Concen: 2.860 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion:154 Resp: 57188

Ion	Ratio	Lower	Upper
154	100		
153	39.9	23.7	63.7
76	11.5	0.0	35.0



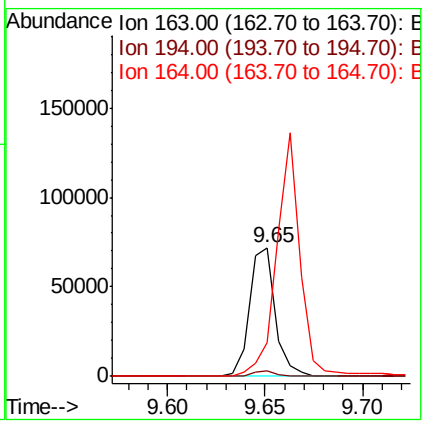


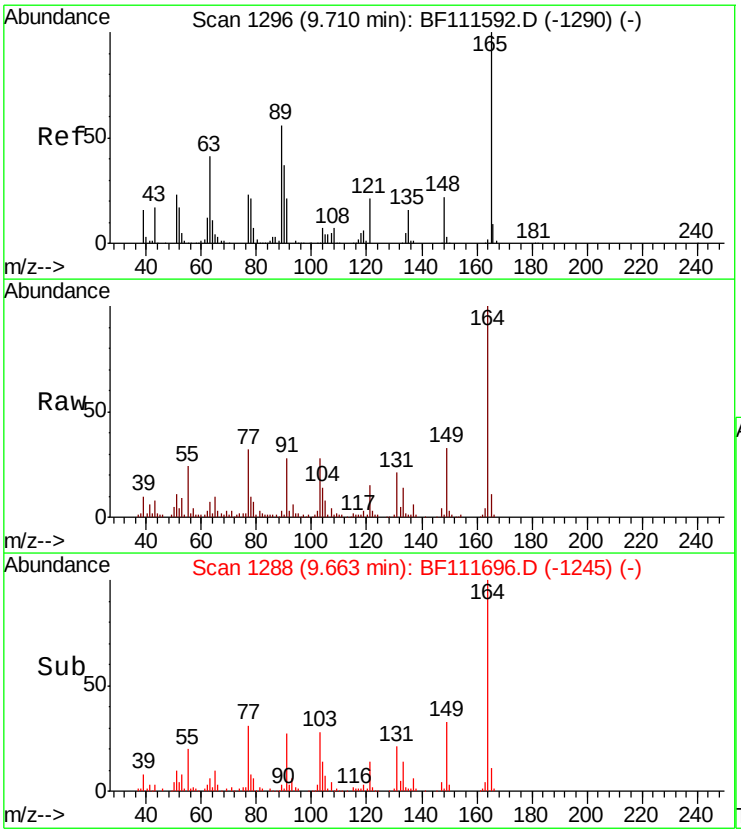
#50
Dimethylphthalate
Concen: 3.790 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion:163 Resp: 65653

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	25.8	8.9	13.3#

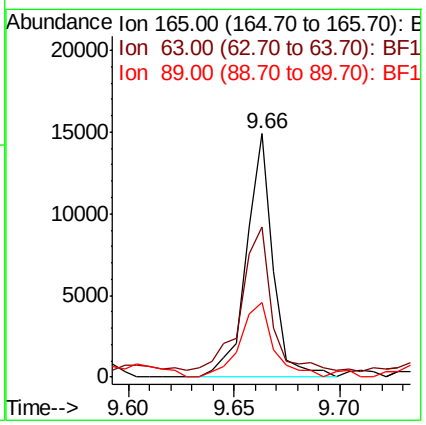


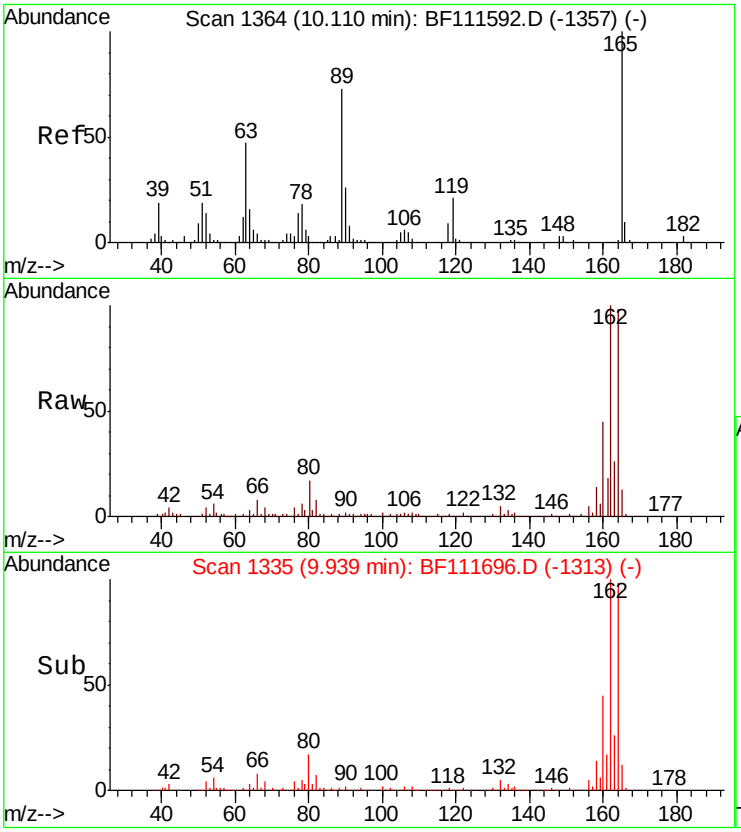


#51
2,6-Dinitrotoluene
Concen: 3.739 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion:165 Resp: 12917

Ion	Ratio	Lower	Upper
165	100		
63	61.7	40.5	60.7#
89	30.5	40.0	60.0#



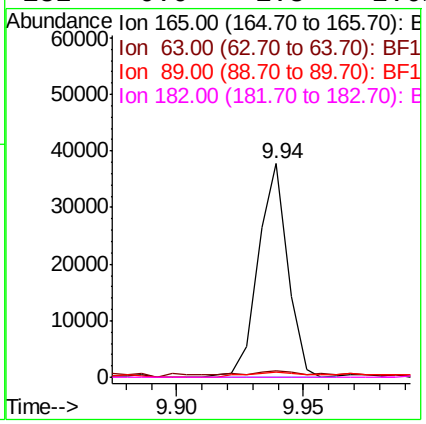


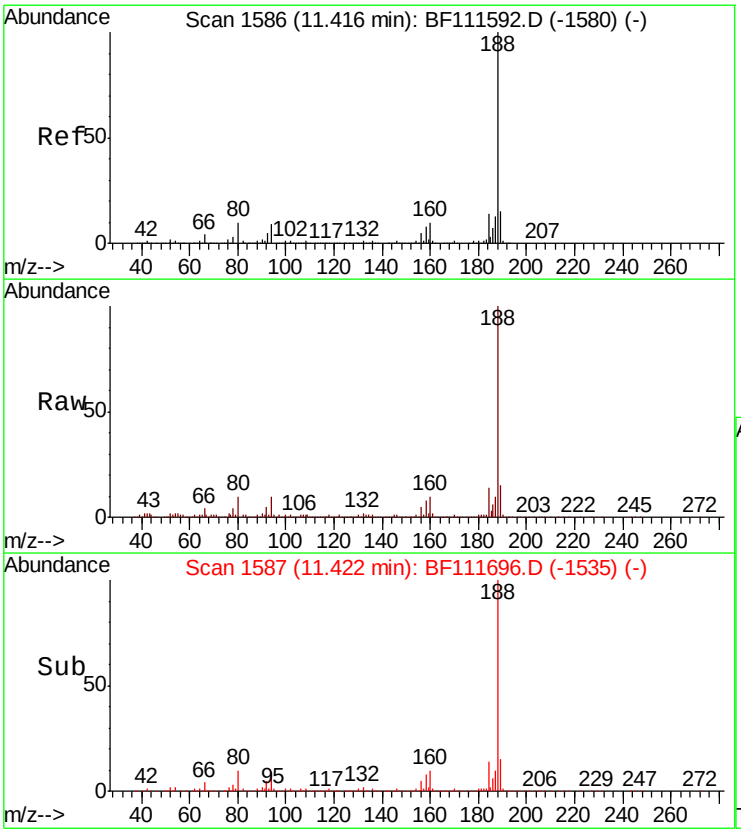
#57
2,4-Dinitrotoluene
Concen: 7.391 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion:165 Resp: 30685

Ion	Ratio	Lower	Upper
165	100		
63	2.8	34.6	52.0#
89	2.3	56.2	84.4#
182	0.0	1.8	2.6#

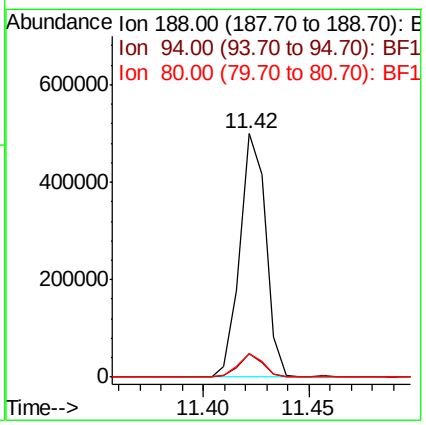


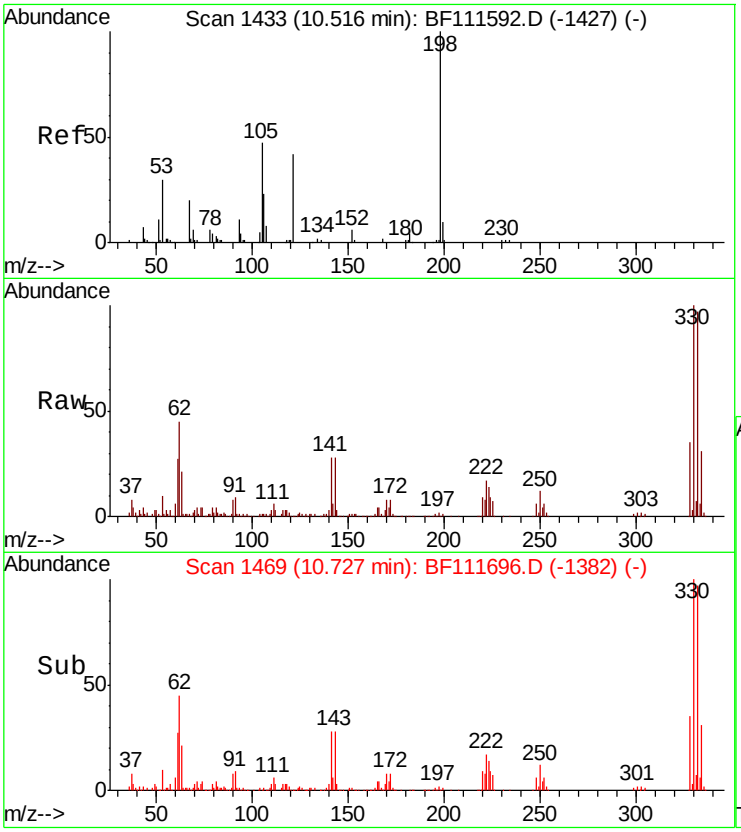


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion:188 Resp: 425018

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.6	14.4
80	9.8	9.8	14.6



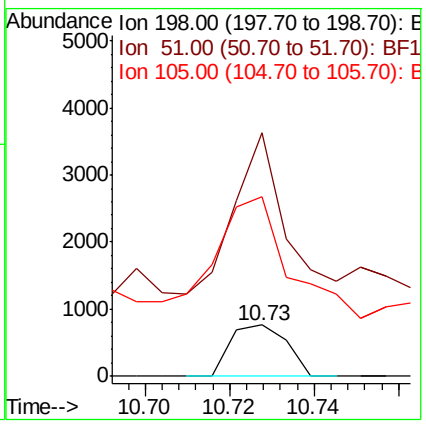


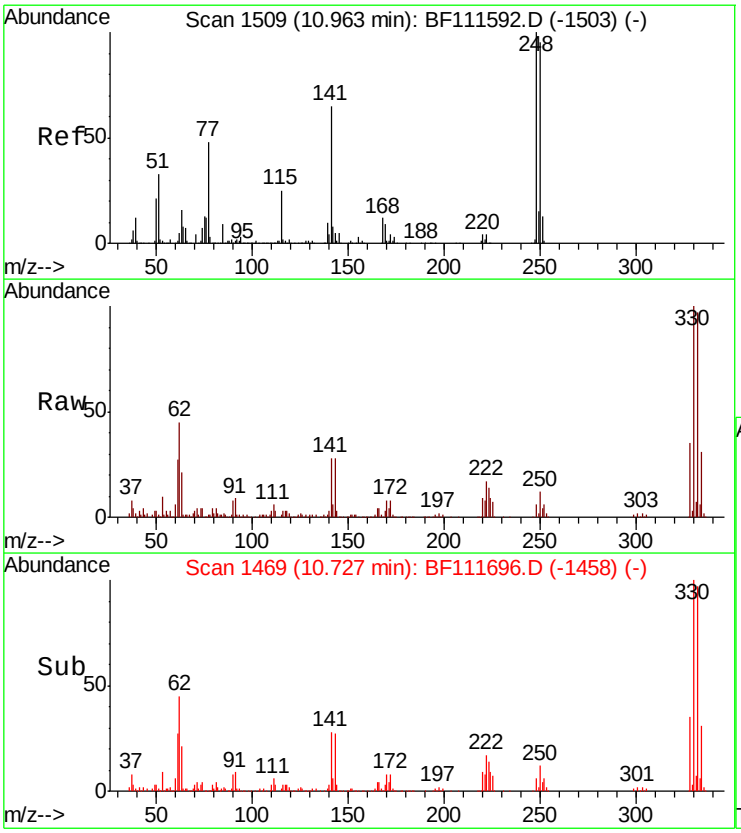
#65
4,6-Dinitro-2-methylphenol
Concen: 7.040 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion:198 Resp: 708

Ion	Ratio	Lower	Upper
198	100		
51	474.9	48.0	88.0#
105	350.7	34.0	74.0#

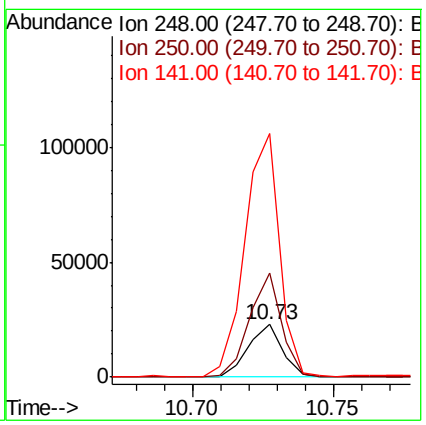


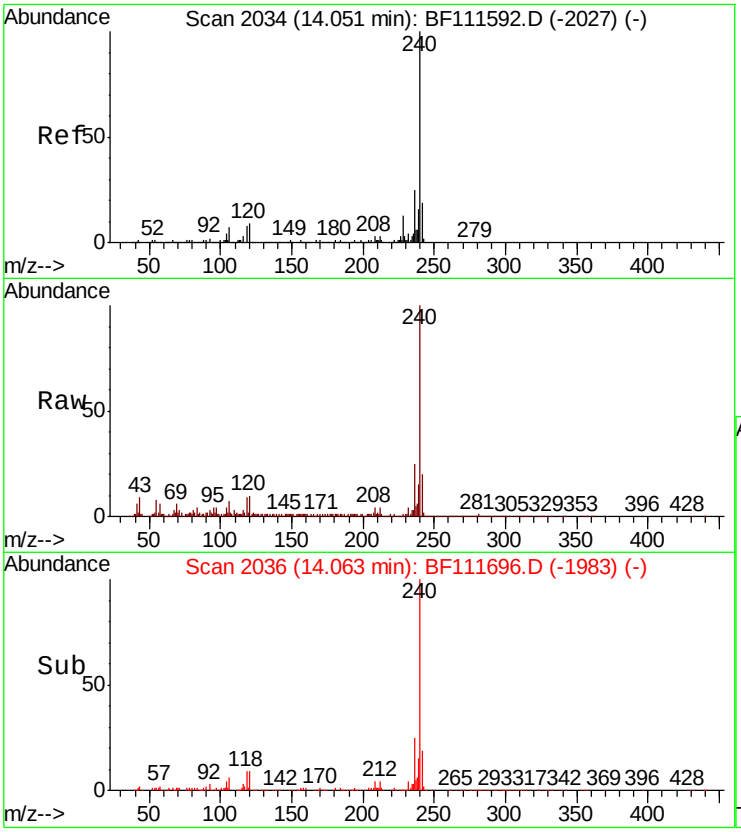


#67
4-Bromophenyl-phenylether
Concen: 3.605 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion:248 Resp: 19003

Ion	Ratio	Lower	Upper
248	100		
250	198.3	77.0	115.4#
141	463.9	63.0	94.6#



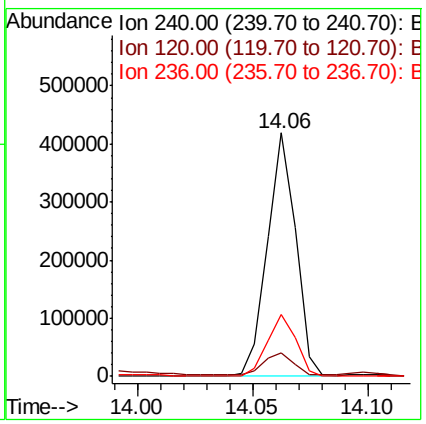


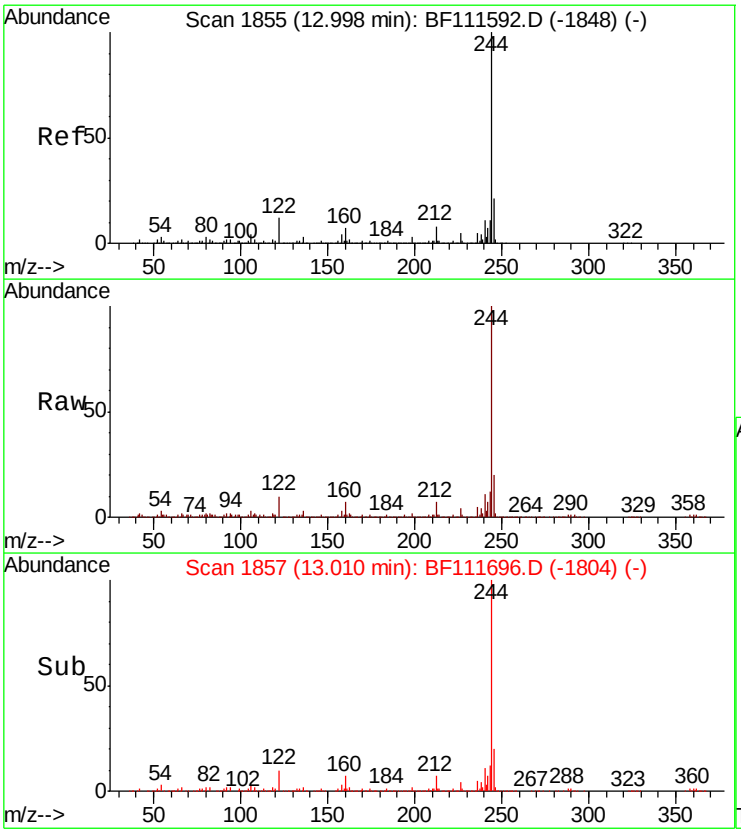
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion:240 Resp: 356808

Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.2	18.2#
236	25.3	20.2	30.2

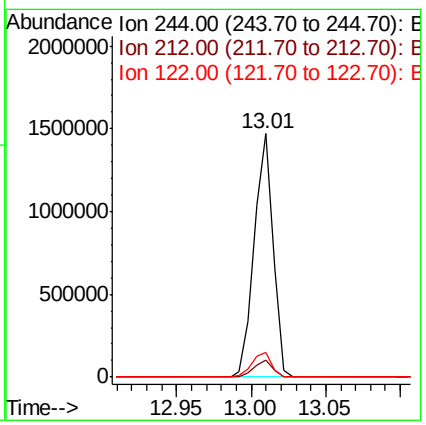


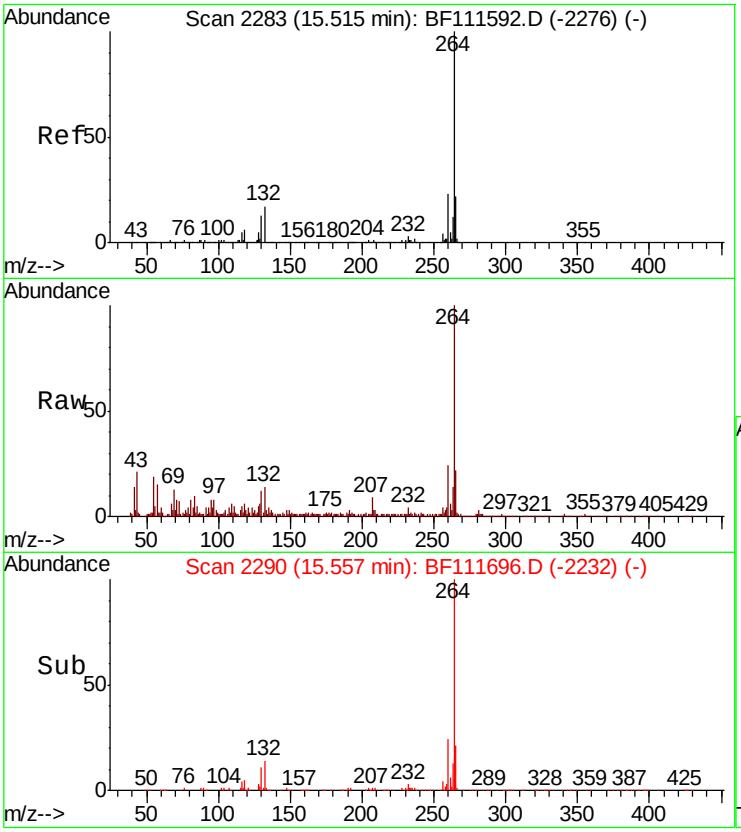


#79
Terphenyl-d14
Concen: 67.447 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion:244 Resp: 1269012

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.2	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tgt Ion:264 Resp: 274161

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.7	17.7	26.5