Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111697.D
Acq On : 21 Dec 2018 19:46
Operator : JU/SJ
Sample : J6391-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS018-1218-01

Quant Time: Dec 21 22:36:10 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	162549	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	565911	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	237983	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	406663	20.00	ng		0.01
76) Chrysene-d12	14.06	240	290361	20.00	ng		0.01
87) Perylene-d12	15.55	264	218522	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	925208	97.02	ng		0.02
7) Phenol-d6	6.54	99	1116849	92.03	ng		0.02
23) Nitrobenzene-d5	7.46	82	749704	77.11	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	264869	94.19	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1261901	77.29	ng		0.00
79) Terphenyl-d14	13.01	244	1068446	69.78	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.55	94	74095	5.411	ng		98
19) n-Nitroso-di-n-propylamine	7.46	70	103326	12.820	ng	#	79
25) Isophorone	7.46	82	747135	43.288	ng	#	64
32) Benzoic acid	7.90	122	11678	2.168	ng		88
46) 1,1'-Biphenyl	9.36	154	64445	3.208	ng		94
50) Dimethylphthalate	9.65	163	69056	3.968	ng	#	83
51) 2,6-Dinitrotoluene	9.66	165	14184	4.087	ng	#	81
65) 4,6-Dinitro-2-methylphenol	10.73	198	514	6.956	ng	#	1
67) 4-Bromophenyl-phenylether	10.73	248	17673	3.504	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
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Acq On : 21 Dec 2018 19:46
Operator : JU/SJ
Sample : J6391-18
Misc :
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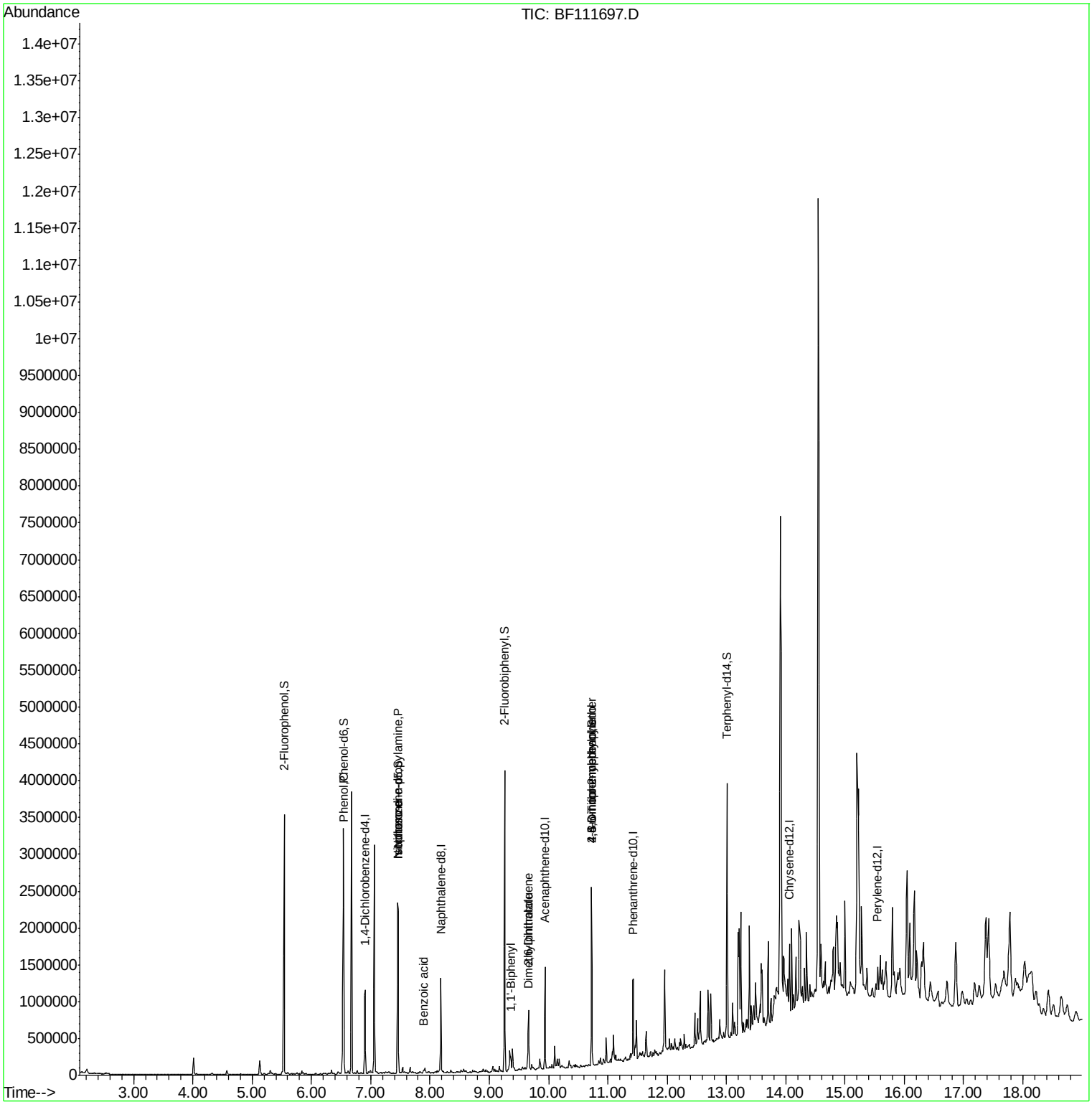
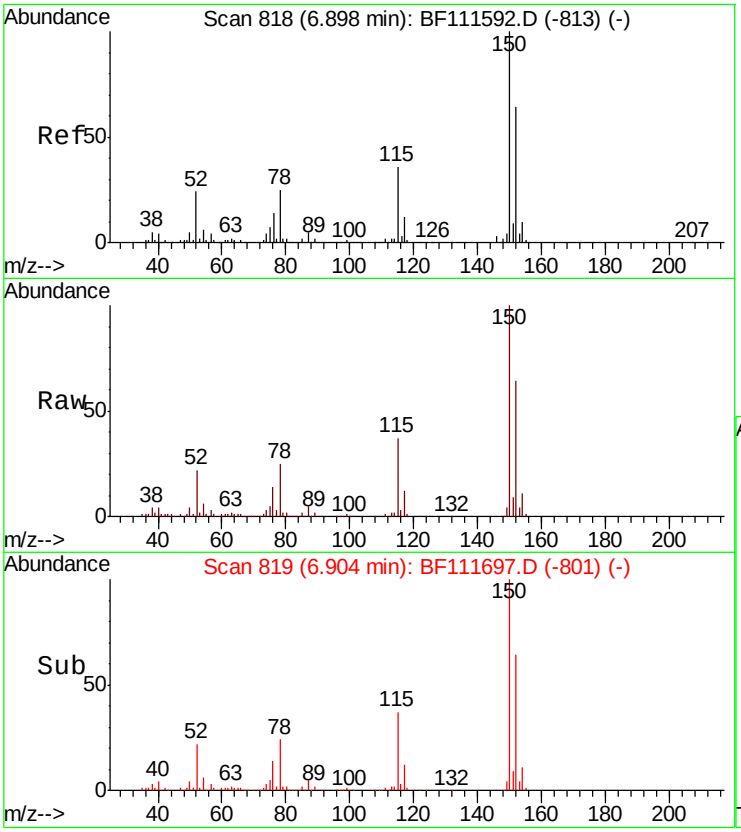
Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Quant Time: Dec 21 22:36:10 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



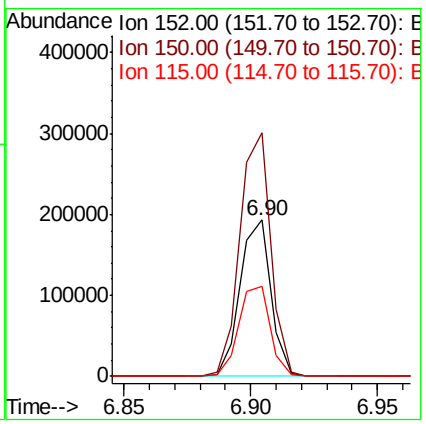


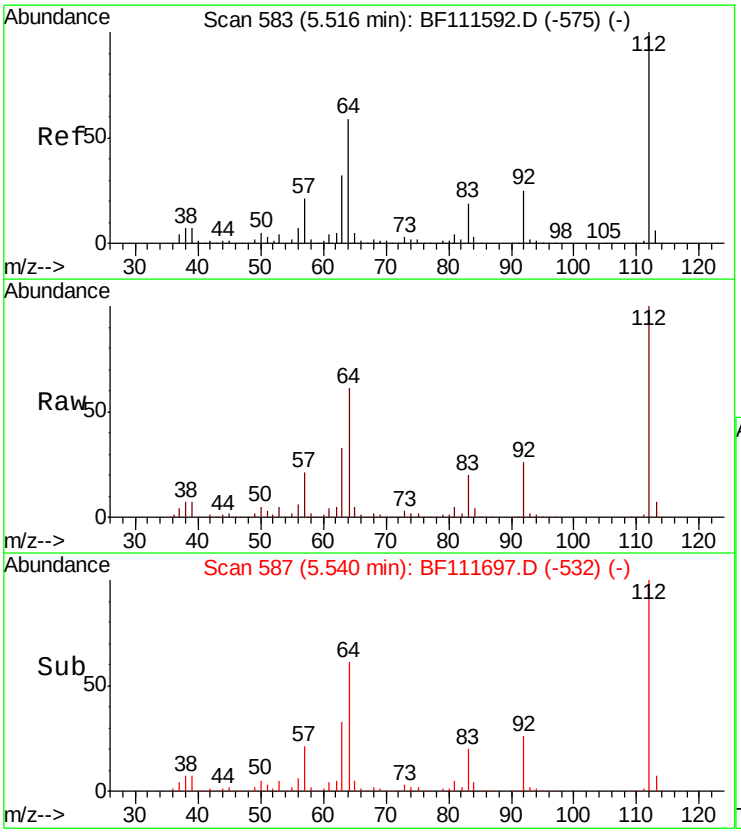
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion:152 Resp: 162549

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.6	189.8
115	57.2	50.7	76.1

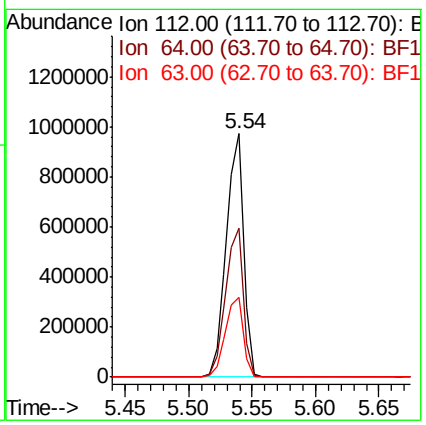


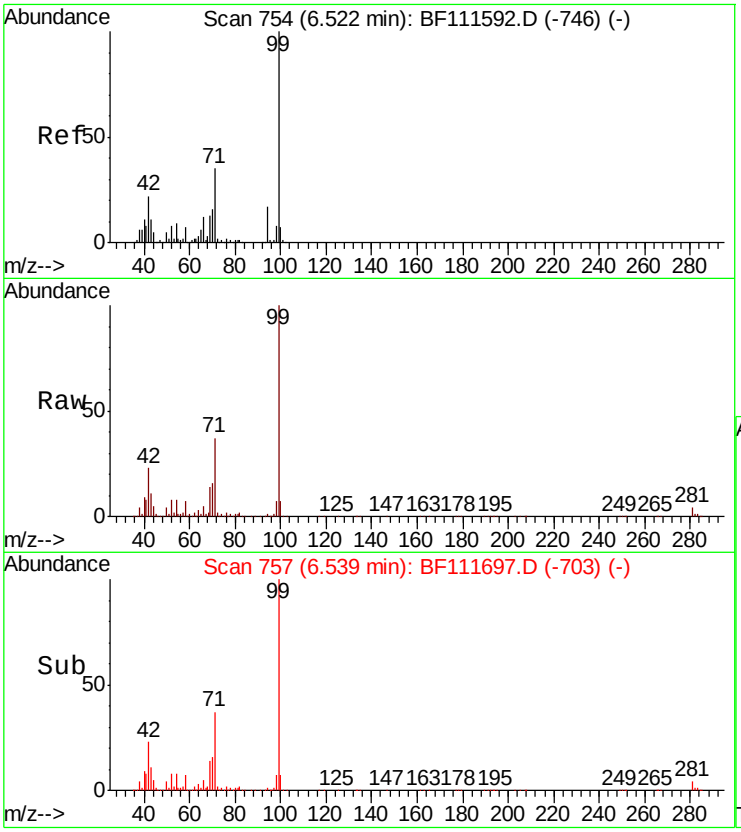


#5
2-Fluorophenol
Concen: 97.020 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion:112 Resp: 925208

Ion	Ratio	Lower	Upper
112	100		
64	60.9	51.8	77.6
63	33.0	26.8	40.2



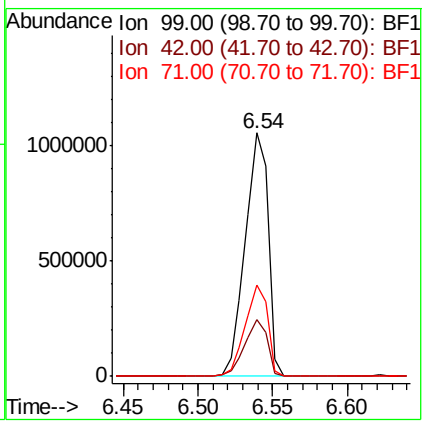


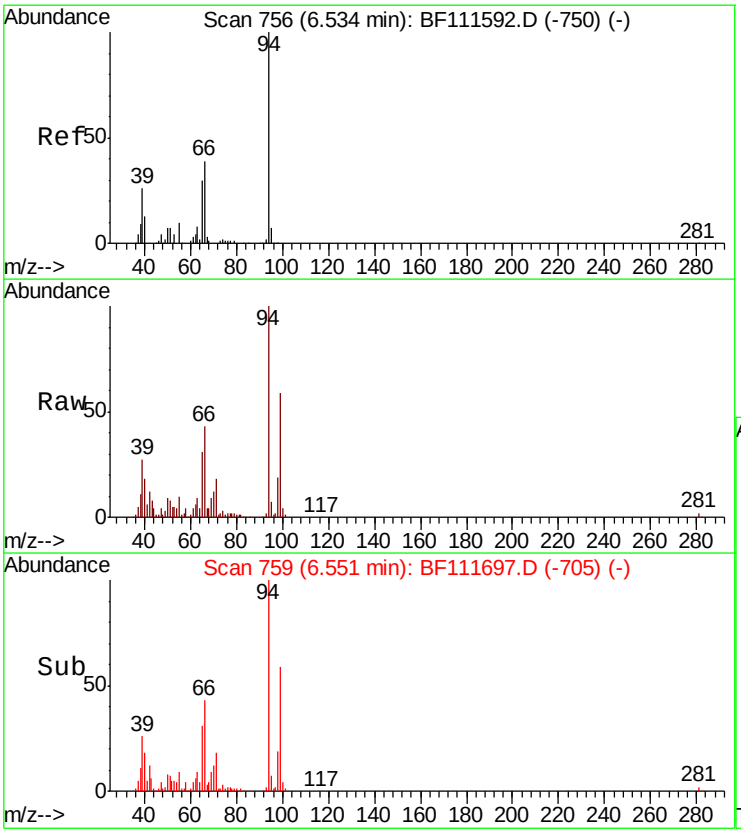
#7
Phenol-d6
Concen: 92.025 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion: 99 Resp: 1116849

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.4	26.0
71	37.4	26.1	39.1

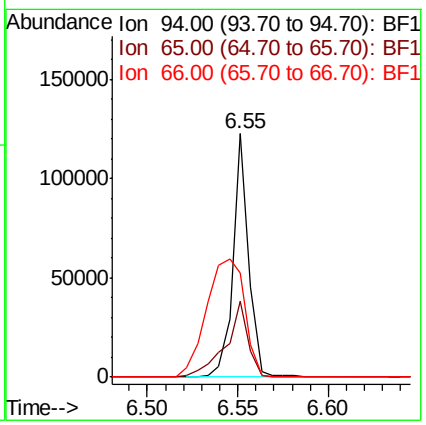


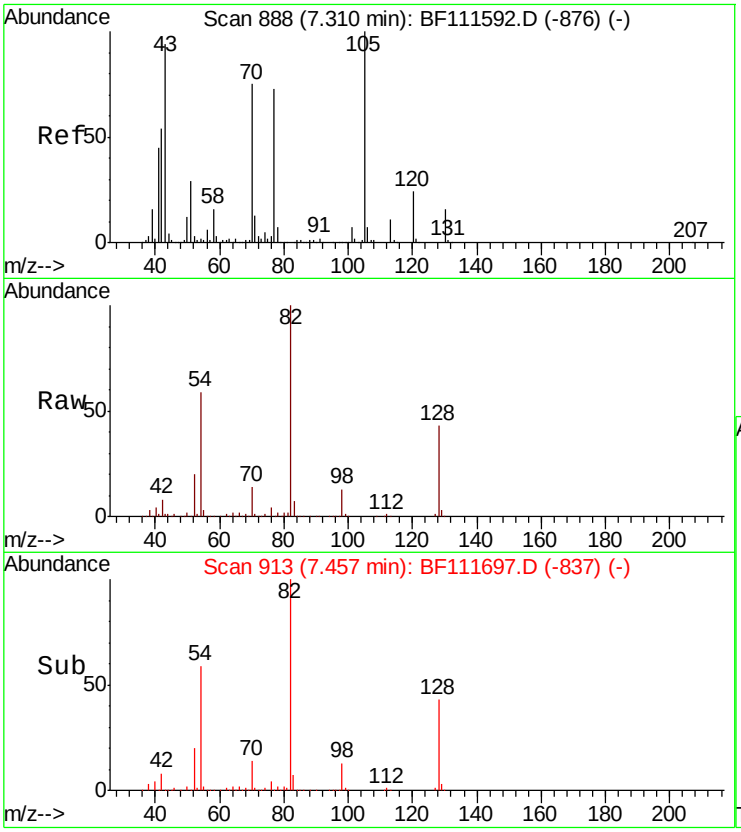


#10
Phenol
Concen: 5.411 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion: 94 Resp: 74095

Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.7	51.7
66	43.0	21.0	61.0



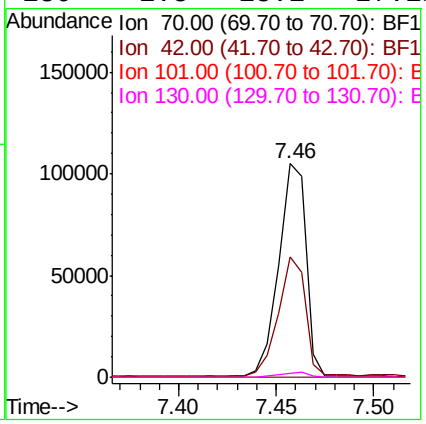


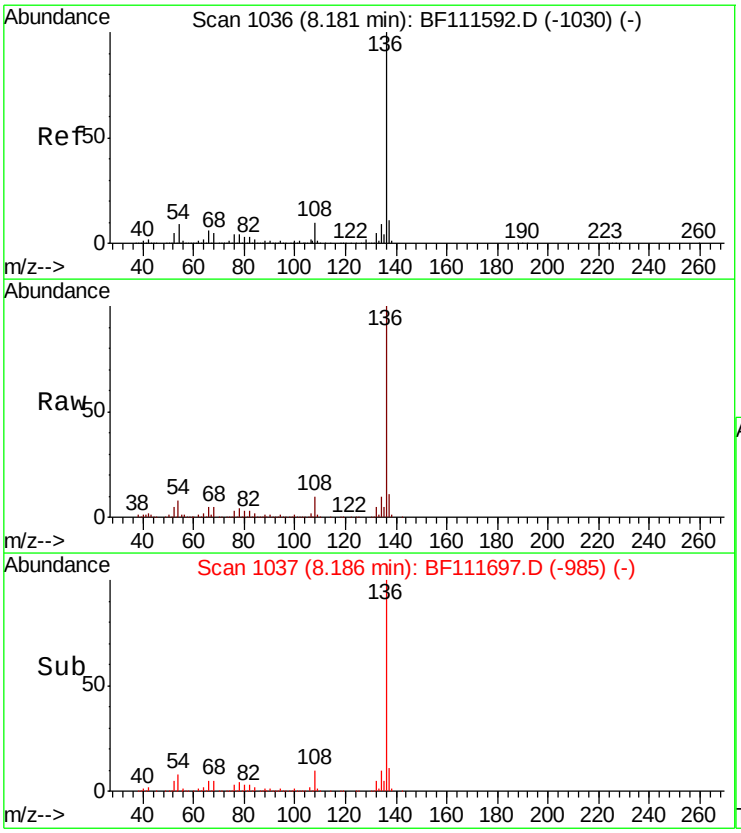
#19
n-Nitroso-di-n-propylamine
Concen: 12.820 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion: 70 Resp: 103326

Ion	Ratio	Lower	Upper
70	100		
42	56.5	53.2	79.8
101	0.0	8.2	12.4#
130	1.8	18.1	27.1#

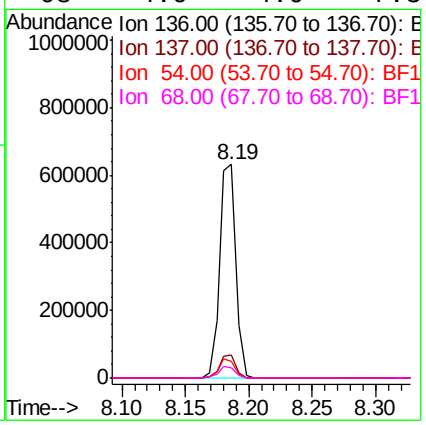


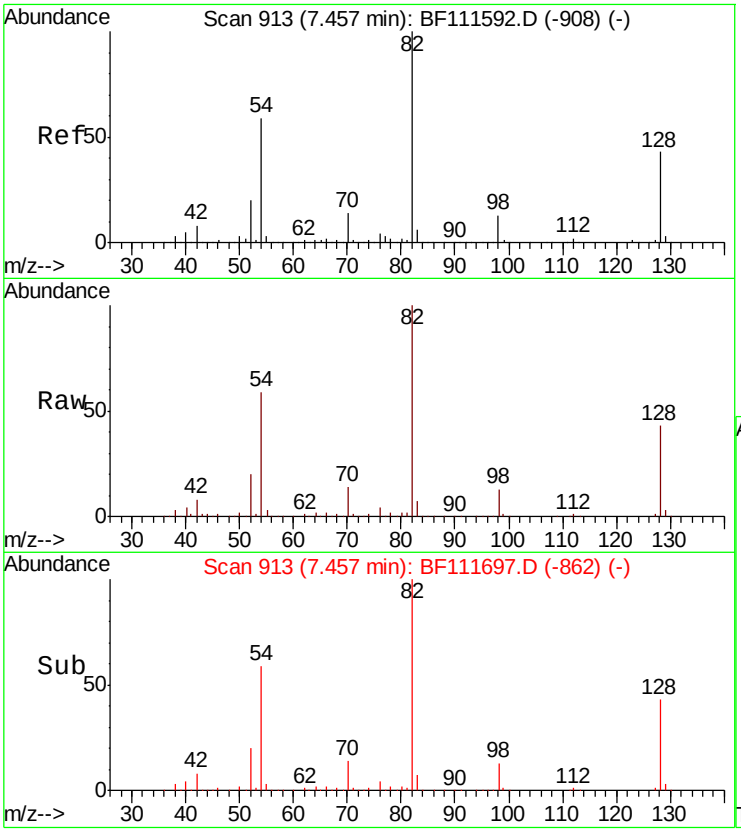


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion:136 Resp: 565911

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.8	7.7	11.5
68	4.9	4.9	7.3



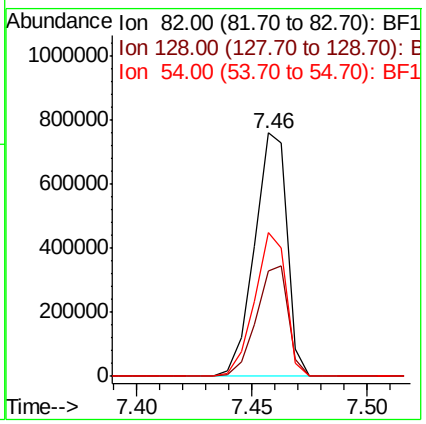


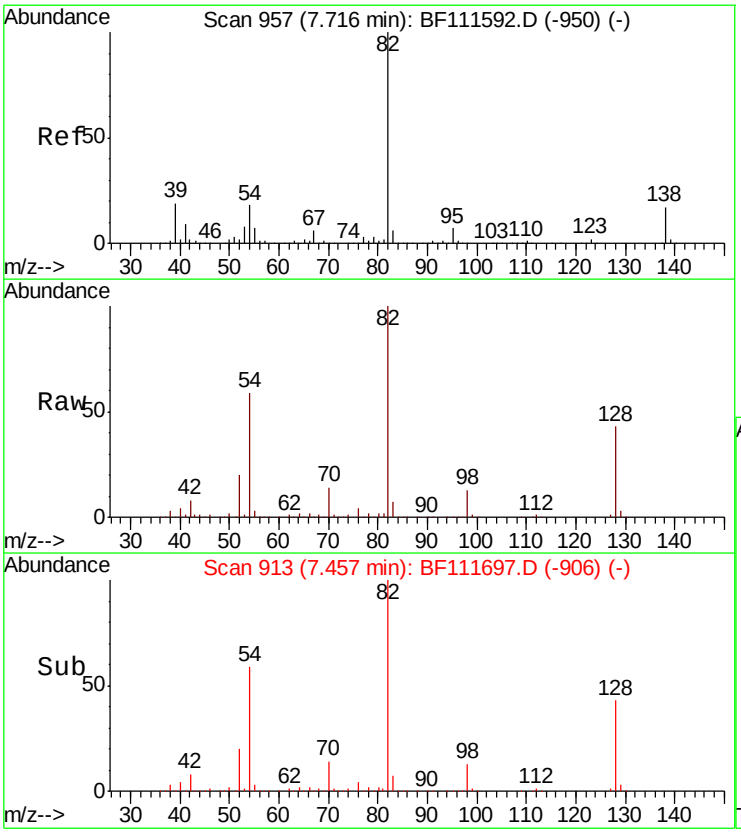
#23
Nitrobenzene-d5
Concen: 77.112 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion: 82 Resp: 749704

Ion	Ratio	Lower	Upper
82	100		
128	43.1	37.4	56.2
54	58.9	47.6	71.4

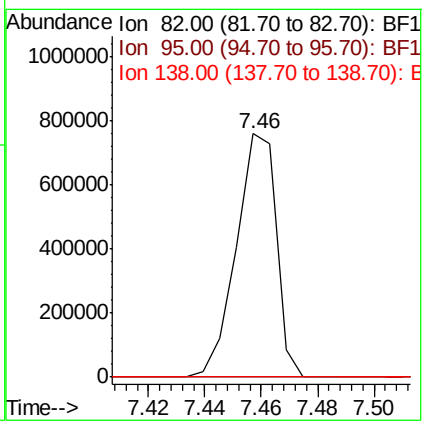


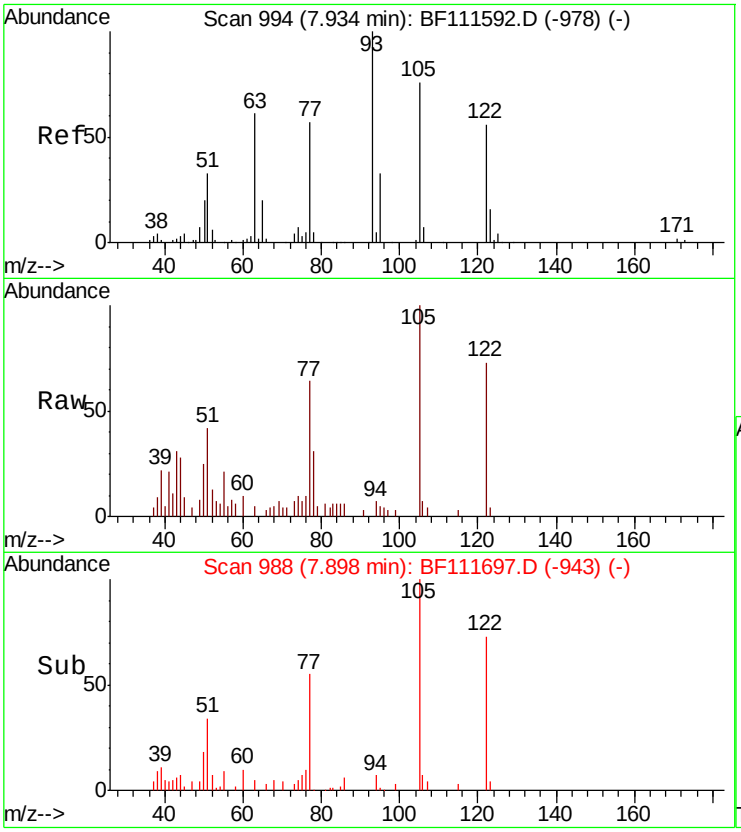


#25
Isophorone
Concen: 43.288 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion: 82 Resp: 747135

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



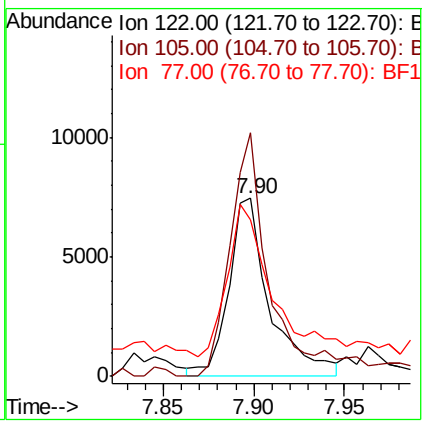


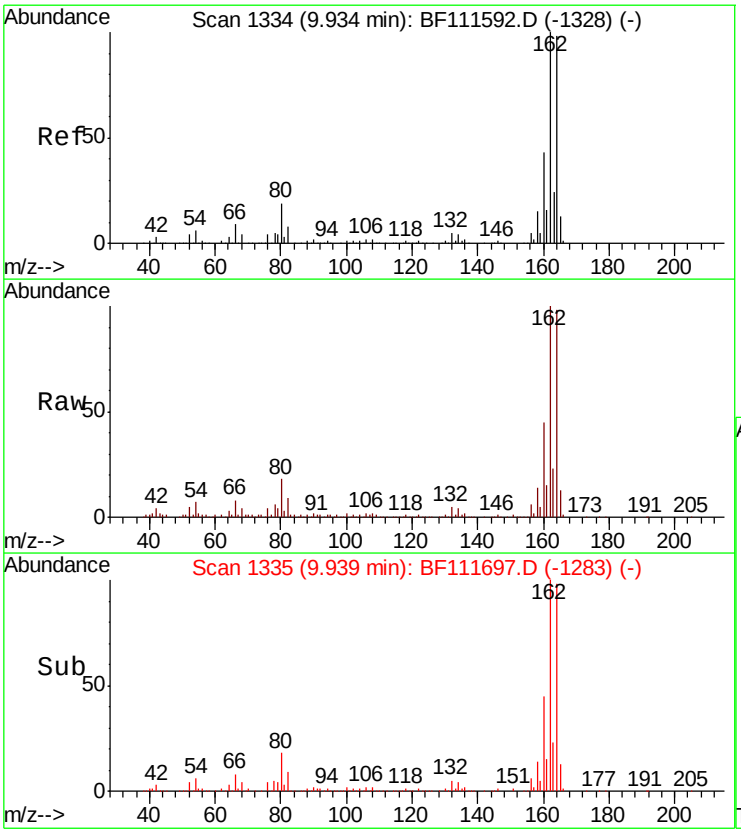
#32
Benzoic acid
Concen: 2.168 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion:122 Resp: 11678

Ion	Ratio	Lower	Upper
122	100		
105	136.9	97.0	137.0
77	87.9	65.7	105.7

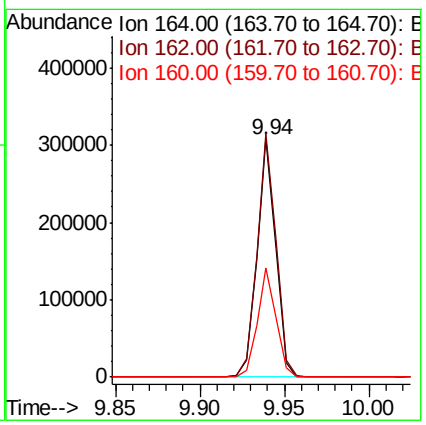


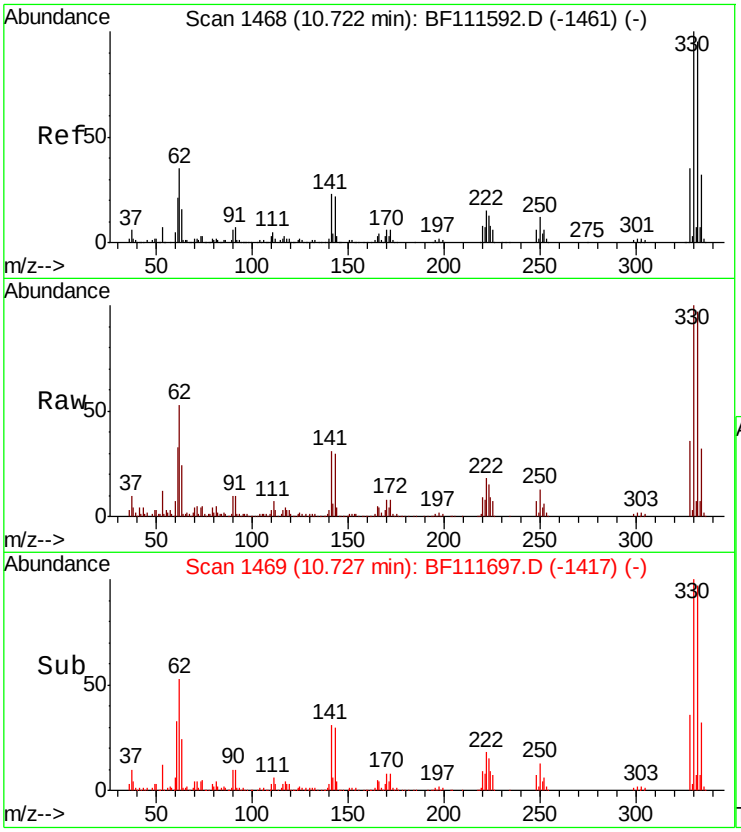


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion:164 Resp: 237983

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.4	122.0
160	45.7	35.7	53.5



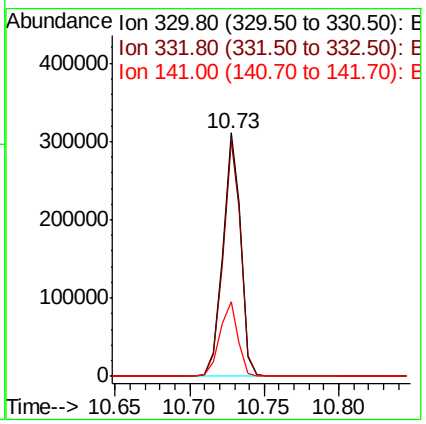


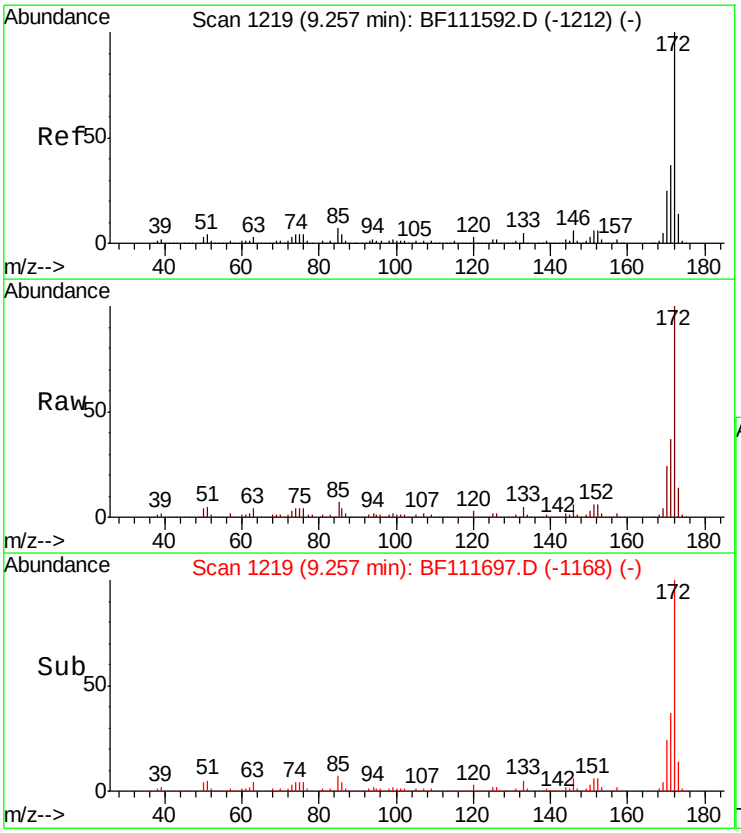
#42
2,4,6-Tribromophenol
Concen: 94.194 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion:330 Resp: 264869

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	31.1	31.0	46.6

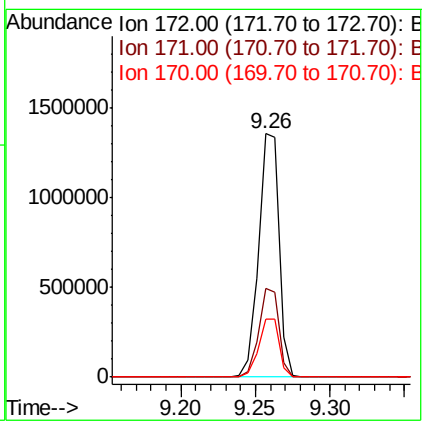


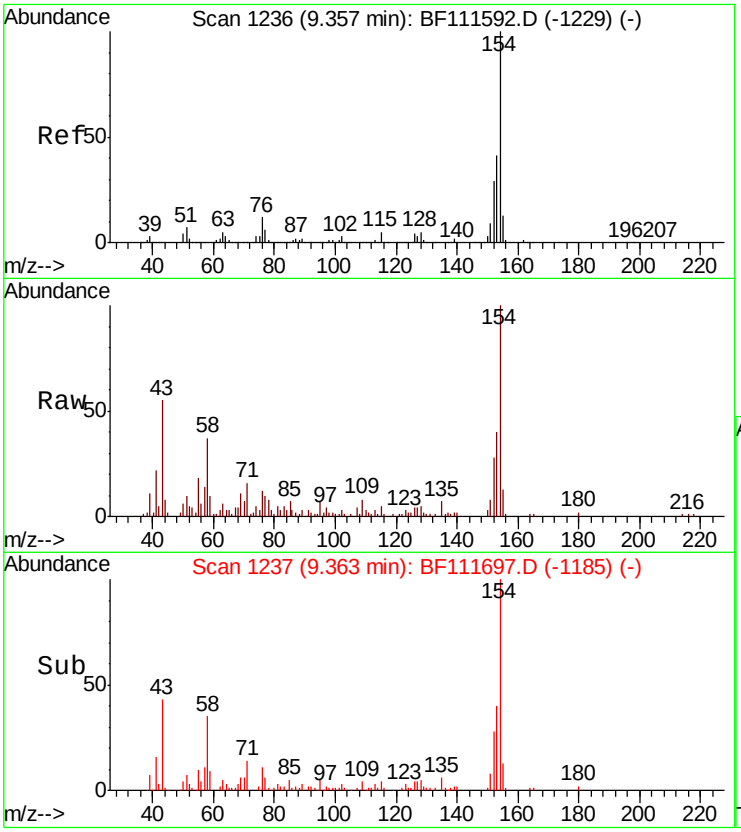


#45
2-Fluorobiphenyl
Concen: 77.288 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion:172 Resp: 1261901

Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	23.9	22.3	33.5



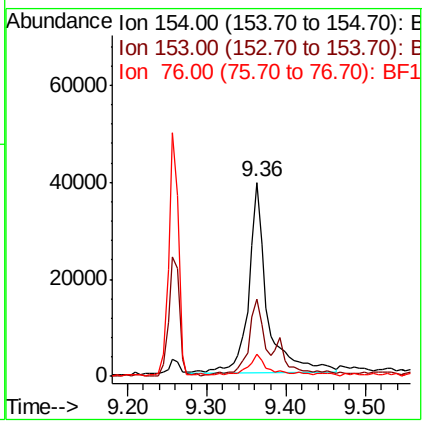


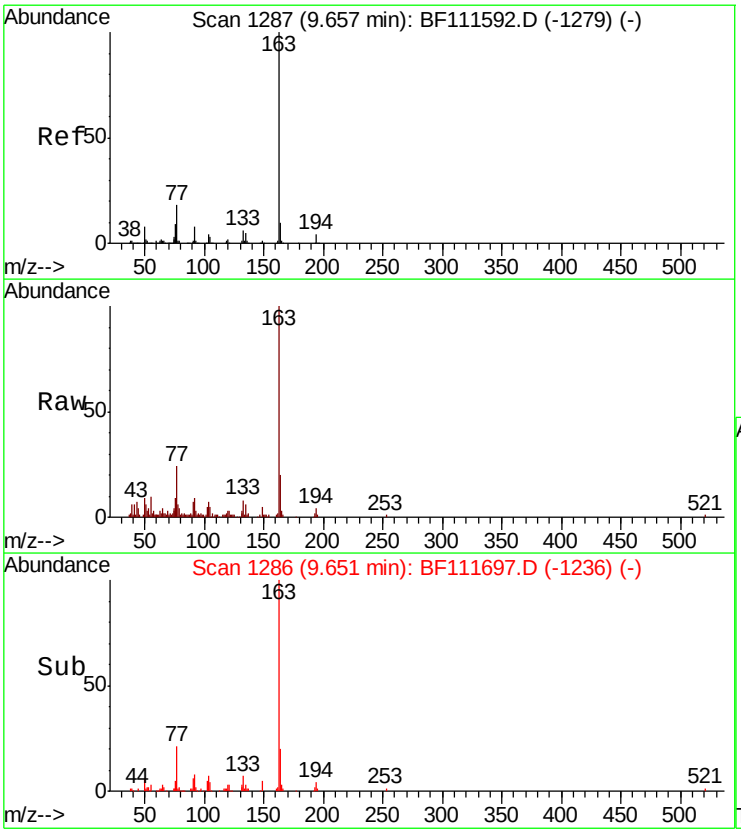
#46
1,1'-Biphenyl
Concen: 3.208 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion:154 Resp: 64445

Ion	Ratio	Lower	Upper
154	100		
153	40.1	23.7	63.7
76	11.7	0.0	35.0

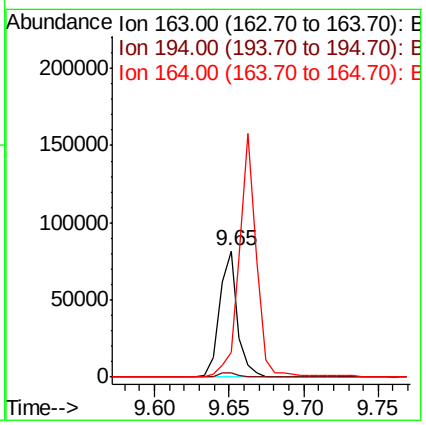


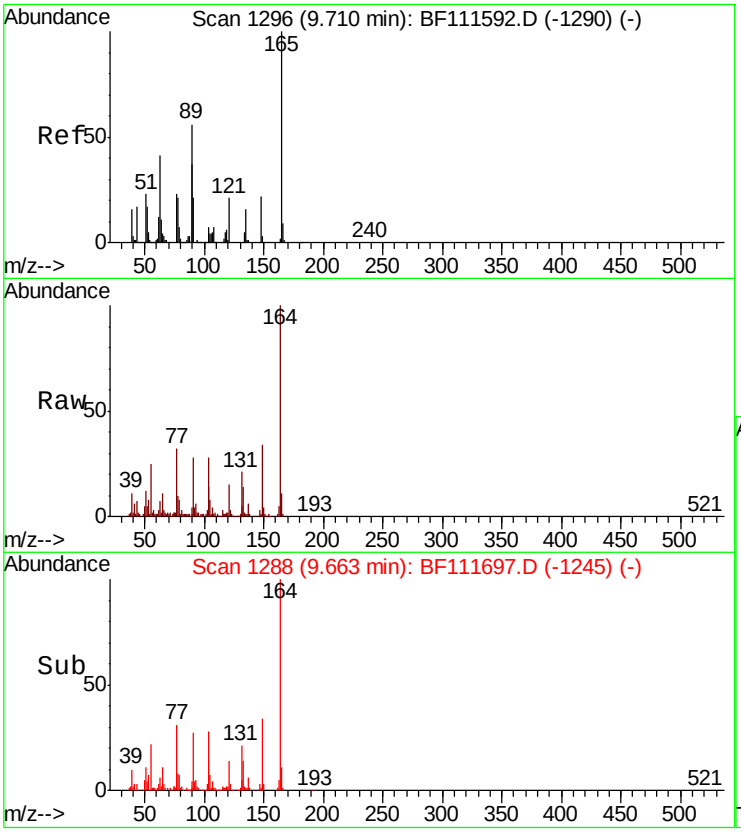


#50
Dimethylphthalate
Concen: 3.968 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion:163 Resp: 69056

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	19.6	8.9	13.3#



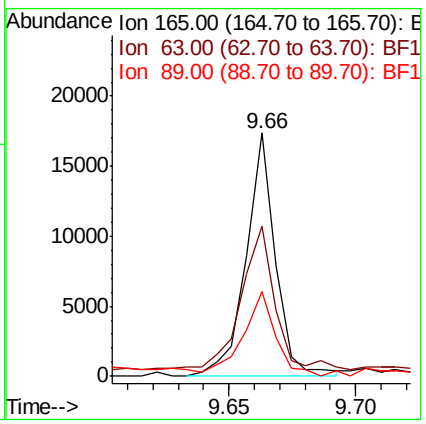


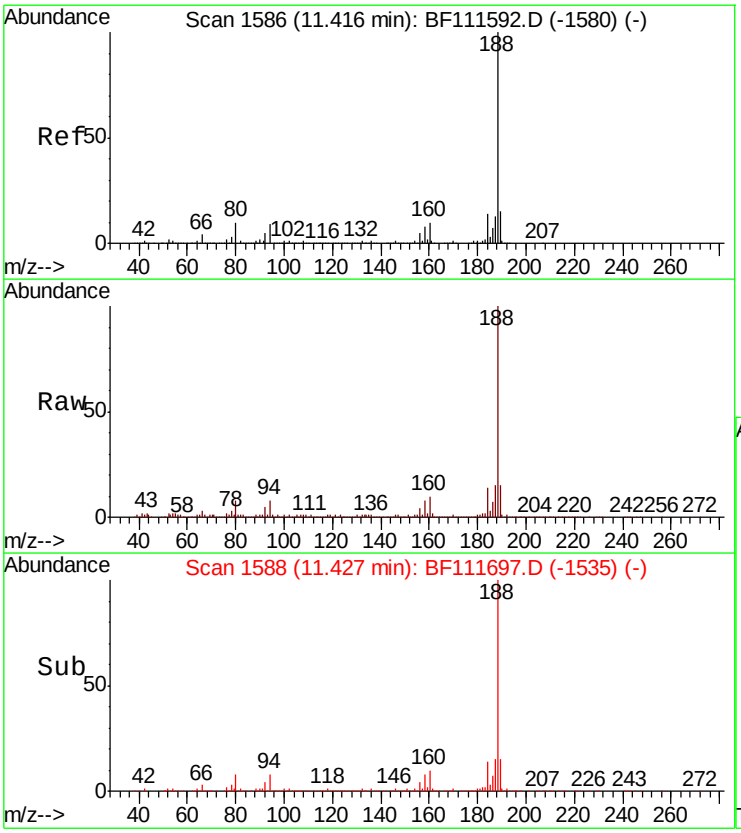
#51
2,6-Dinitrotoluene
Concen: 4.087 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion:165 Resp: 14184

Ion	Ratio	Lower	Upper
165	100		
63	61.7	40.5	60.7#
89	34.7	40.0	60.0#

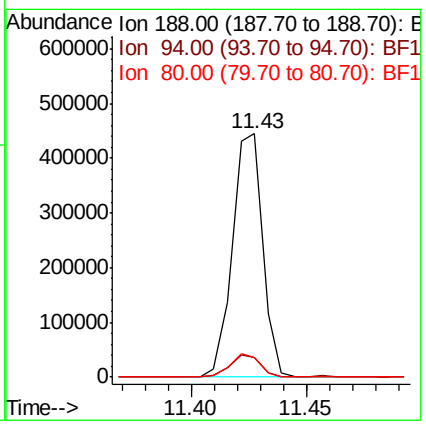


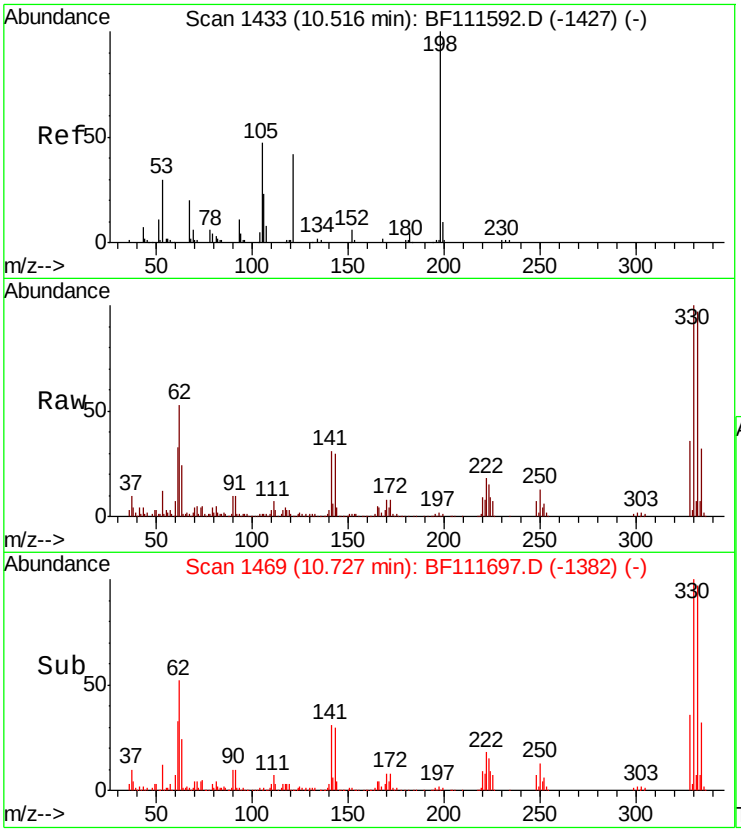


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion:188 Resp: 406663

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.6	14.4#
80	8.2	9.8	14.6#



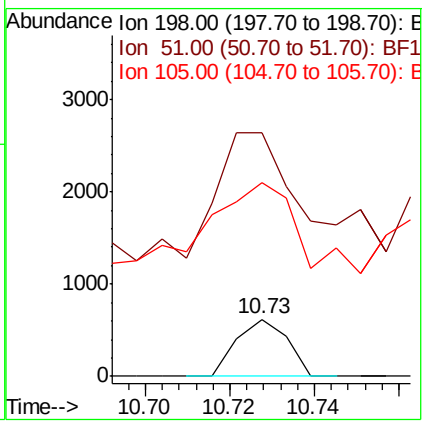


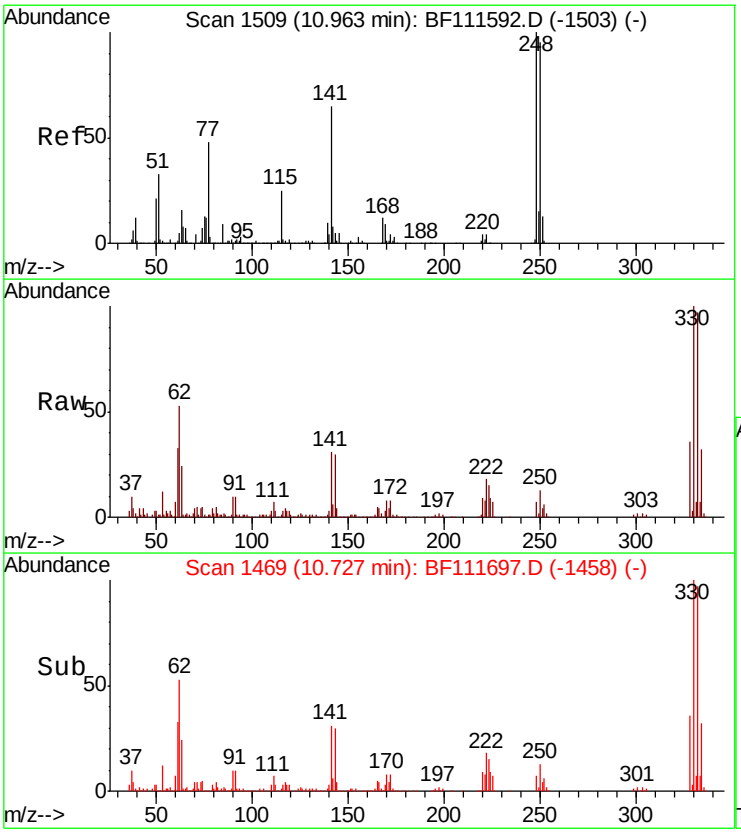
#65
4,6-Dinitro-2-methylphenol
Concen: 6.956 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion:198 Resp: 514

Ion	Ratio	Lower	Upper
198	100		
51	425.2	48.0	88.0#
105	339.5	34.0	74.0#

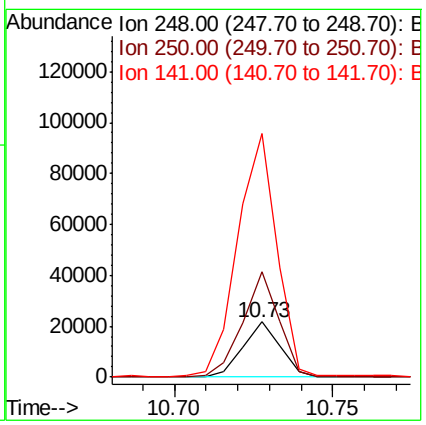


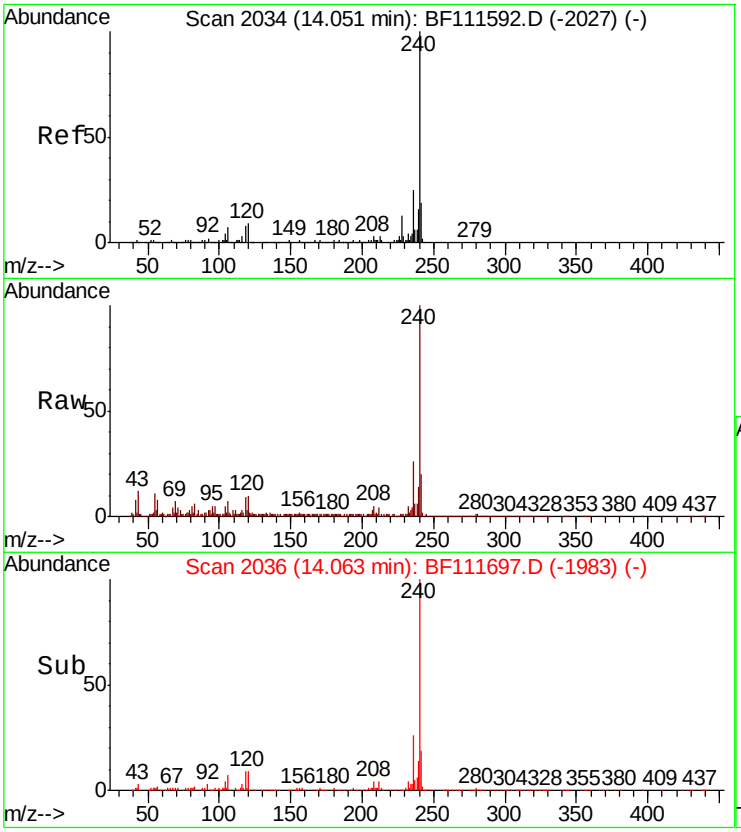


#67
4-Bromophenyl-phenylether
Concen: 3.504 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion:248 Resp: 17673

Ion	Ratio	Lower	Upper
248	100		
250	191.4	77.0	115.4#
141	440.9	63.0	94.6#



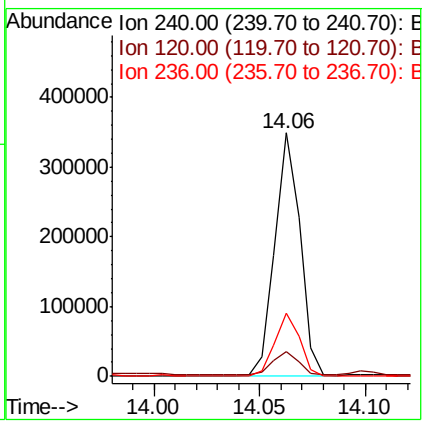


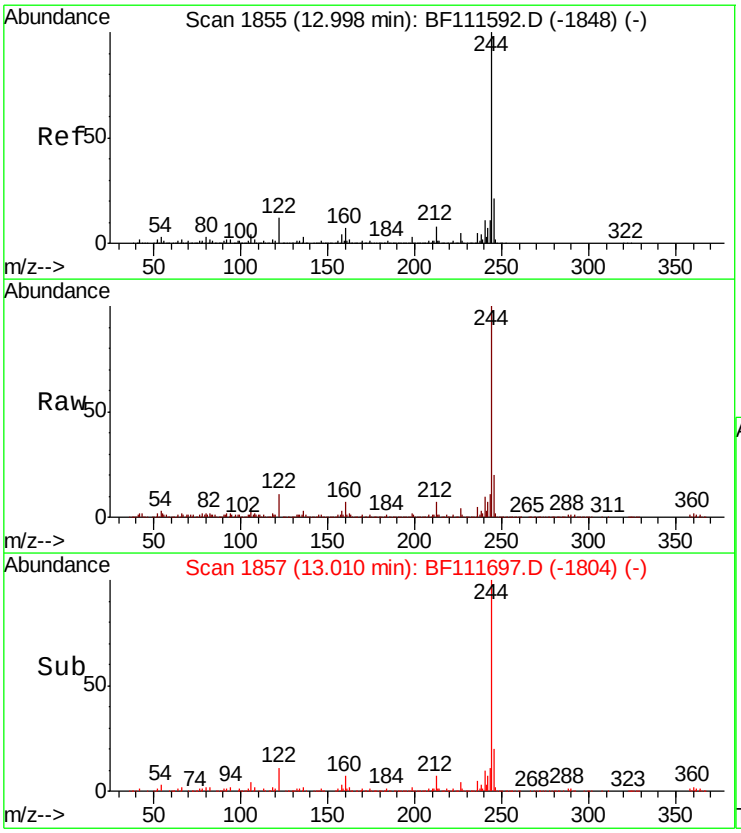
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion:240 Resp: 290361

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	26.1	20.2	30.2

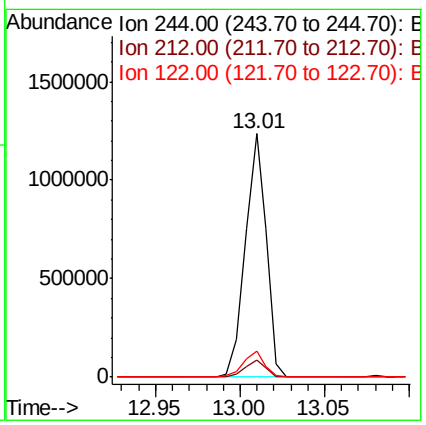


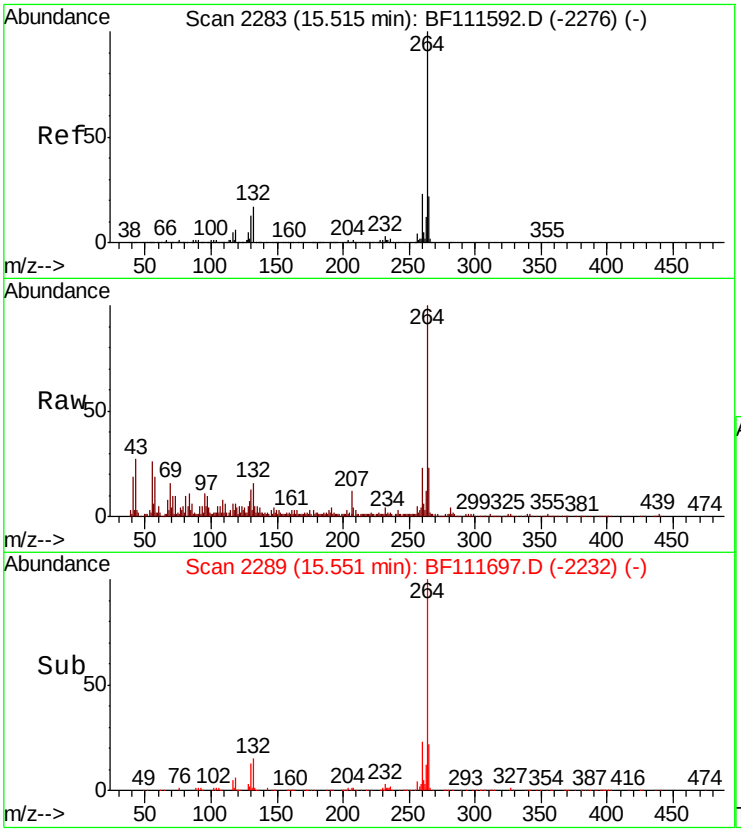


#79
Terphenyl-d14
Concen: 69.783 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion:244 Resp: 1068446

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.8	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion:264 Resp: 218522

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	22.9	17.7	26.5