Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111311.D
Acq On : 12 Dec 2018 8:08
Operator : JU/SJ
Sample : J6328-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 12 09:45:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	209035	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	831839	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	347451	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	515241	20.00	ng	0.00
76) Chrysene-d12	13.95	240	475255	20.00	ng	0.00
87) Perylene-d12	15.39	264	332360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	534180	40.35	ng	0.00
7) Phenol-d6	6.42	99	403401	24.52	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1335327	90.04	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	235882	76.64	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	2210155	130.30	ng	0.00
79) Terphenyl-d14	12.90	244	1614816	81.50	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.42	77	1070	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	174333	15.819	ng	# 79
25) Isophorone	7.36	82	1317174	52.145	ng	# 64
46) 1,1'-Biphenyl	9.26	154	6144	Below Cal		90
50) Dimethylphthalate	9.55	163	54969	2.144	ng	97
51) 2,6-Dinitrotoluene	9.83	165	45767	8.084	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	45767	6.557	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	15035	2.664	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
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Acq On : 12 Dec 2018 8:08
Operator : JU/SJ
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Instrument :
BNA_F
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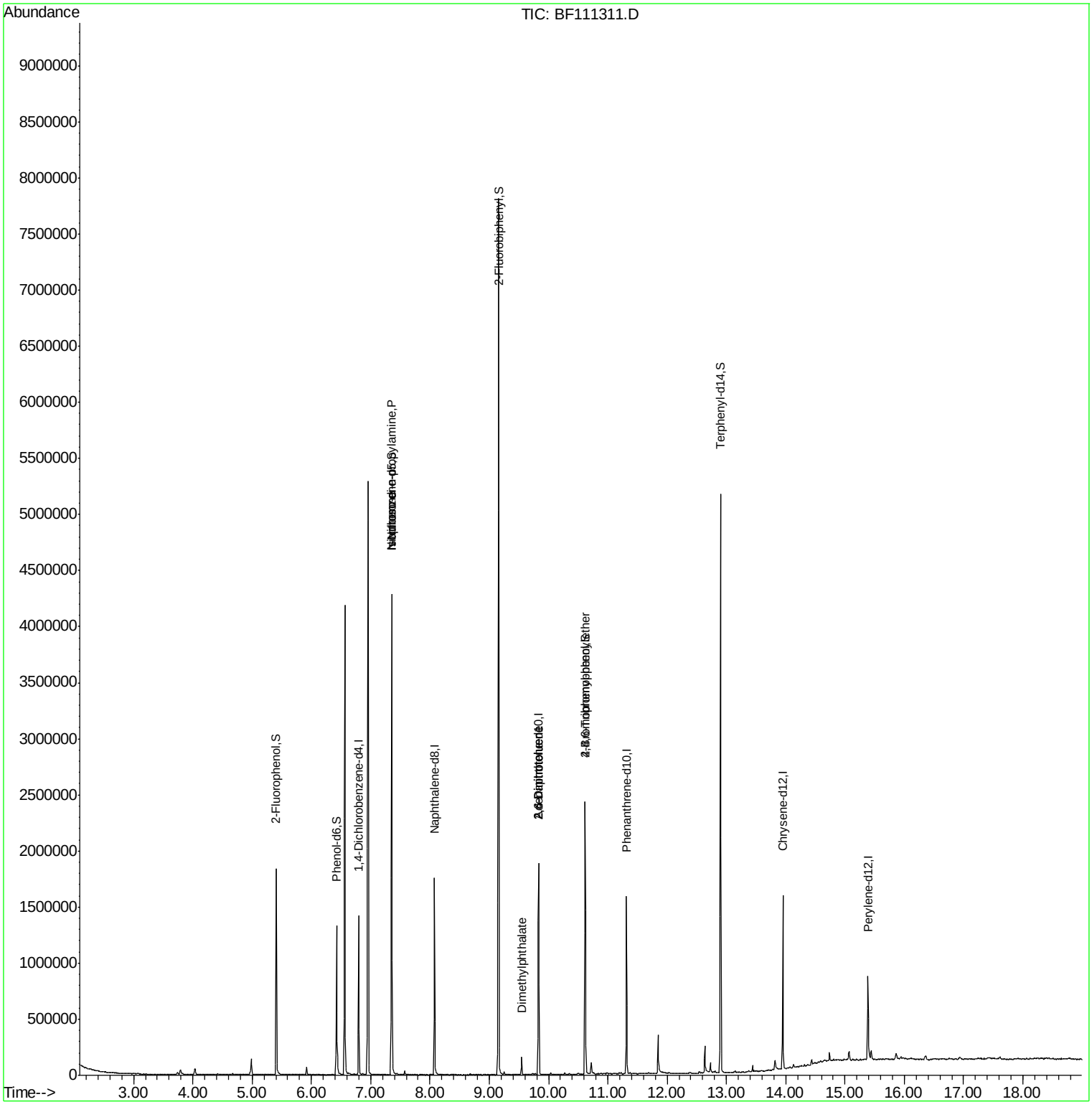
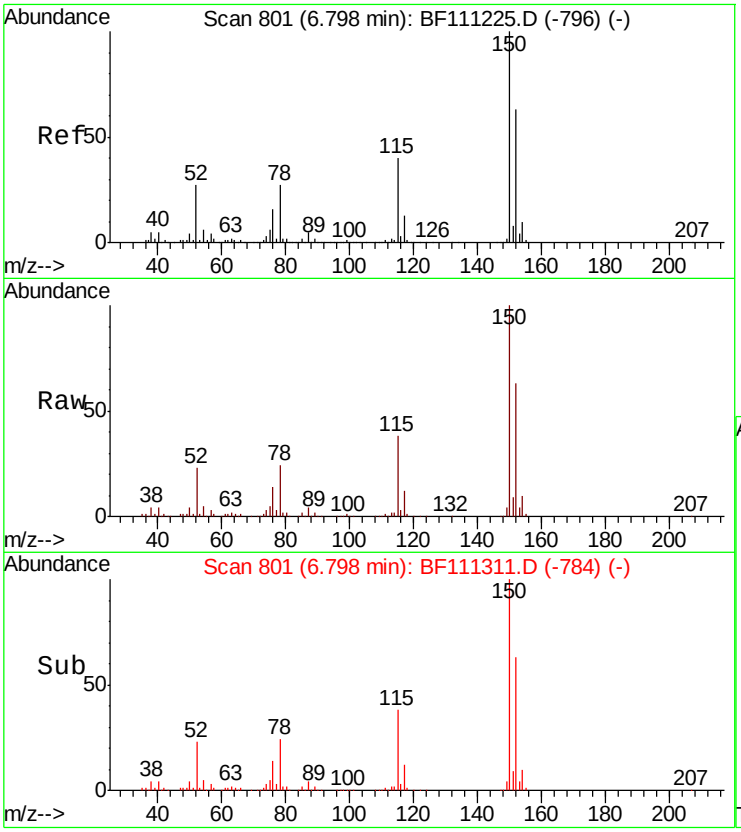
Quant Time: Dec 12 09:45:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration



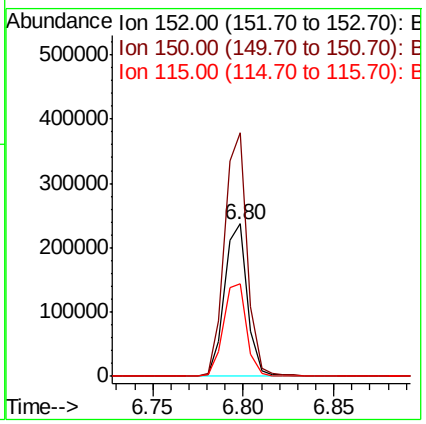


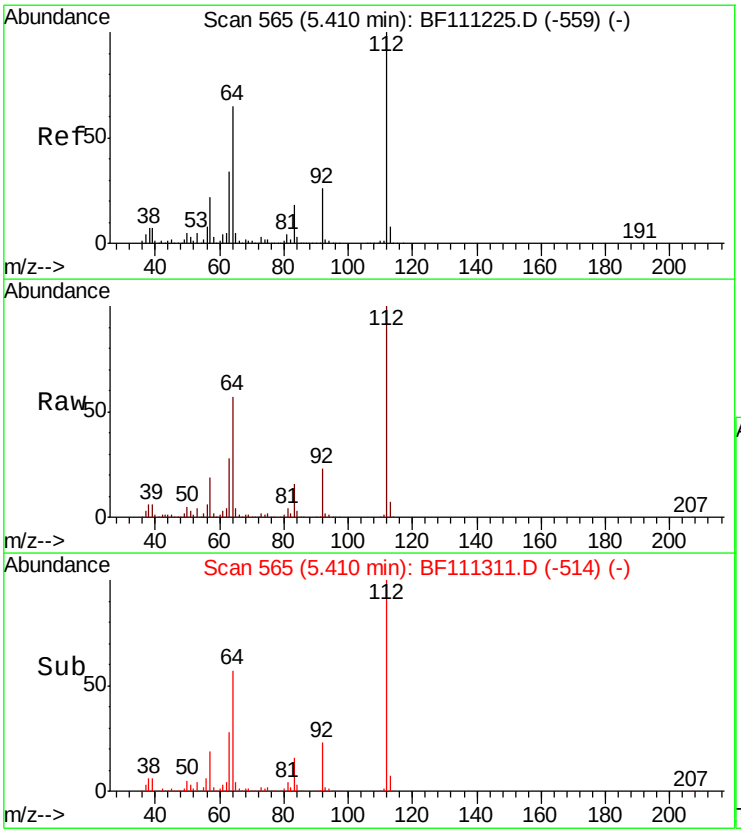
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 209035

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.6	189.8
115	60.9	50.7	76.1

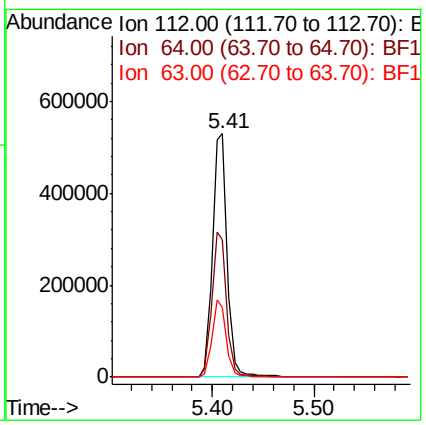


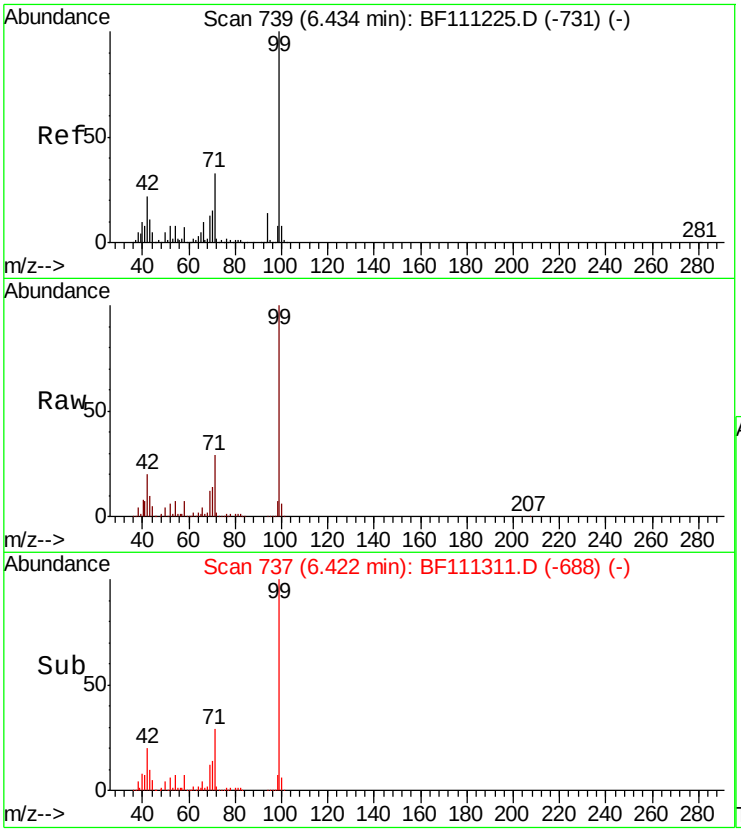


#5
2-Fluorophenol
Concen: 40.352 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion:112 Resp: 534180

Ion	Ratio	Lower	Upper
112	100		
64	56.6	51.8	77.6
63	28.3	26.8	40.2



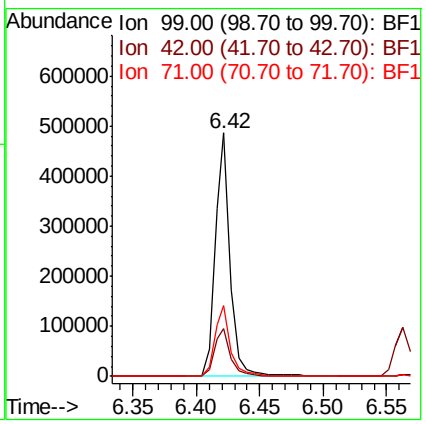


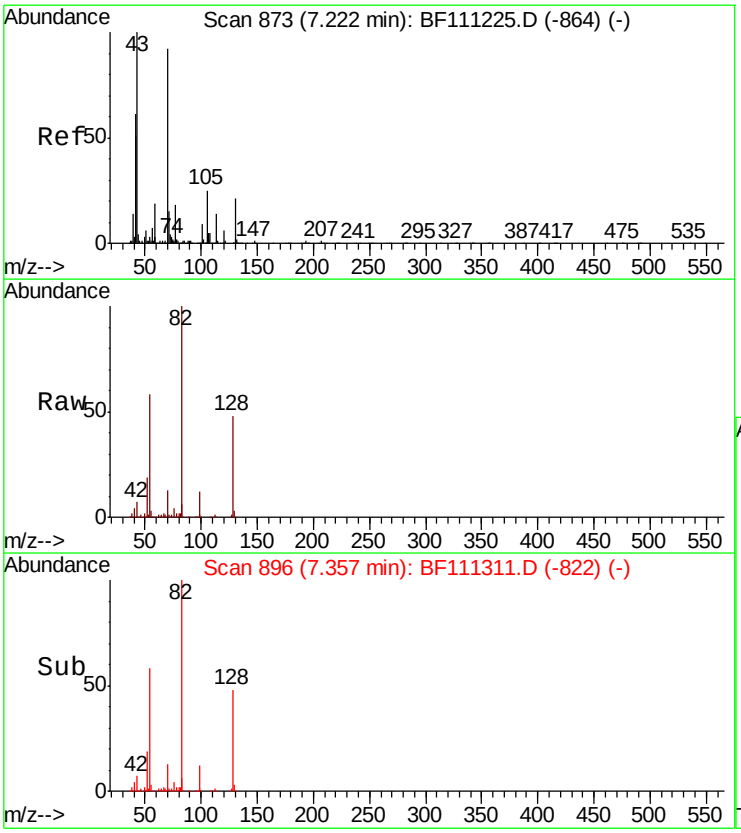
#7
Phenol-d6
Concen: 24.521 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 403401

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.4	26.0
71	28.9	26.1	39.1

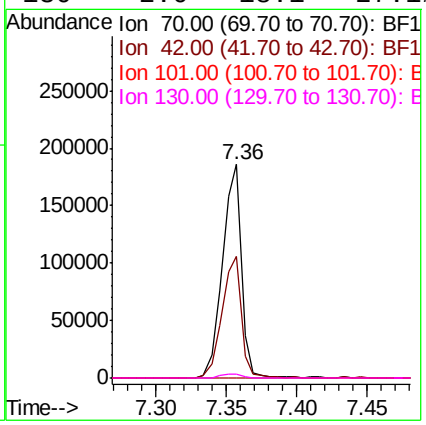


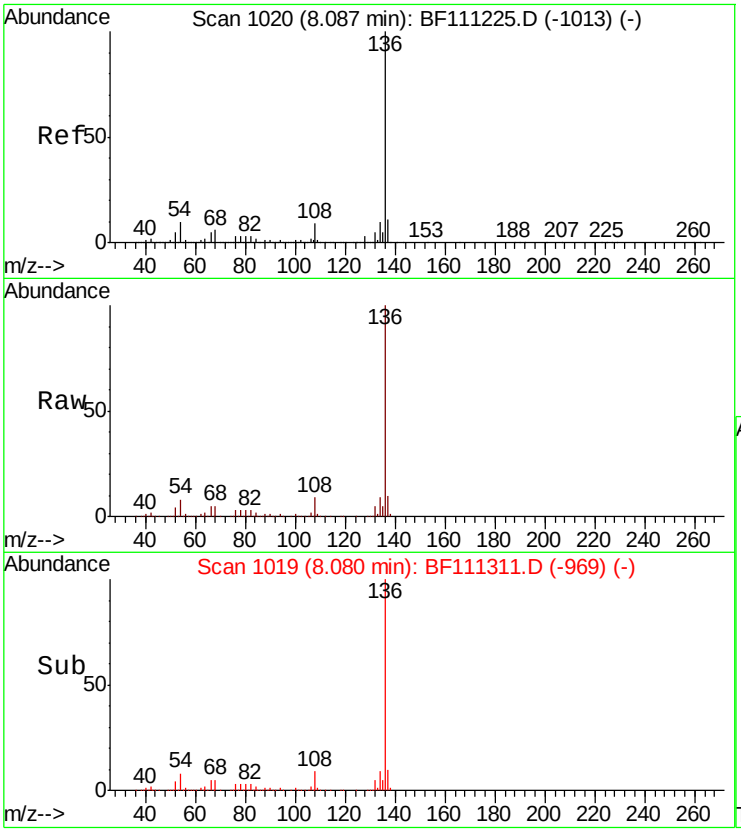


#19
n-Nitroso-di-n-propylamine
Concen: 15.819 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion: 70 Resp: 174333

Ion	Ratio	Lower	Upper
70	100		
42	56.7	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#



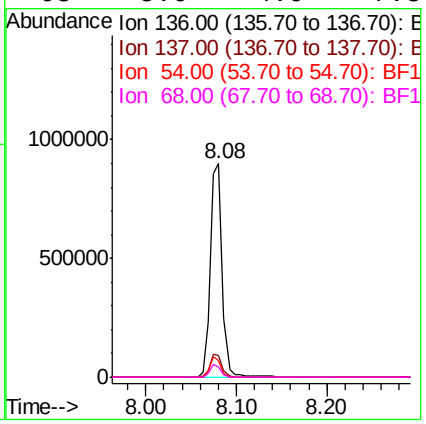


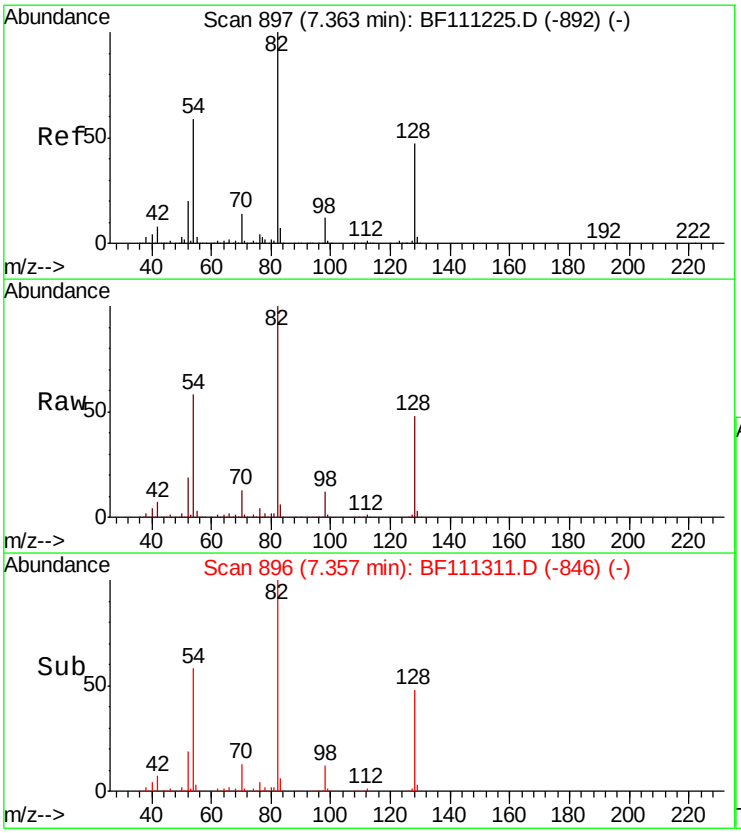
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 831839

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	8.1	7.7	11.5
68	5.0	4.9	7.3

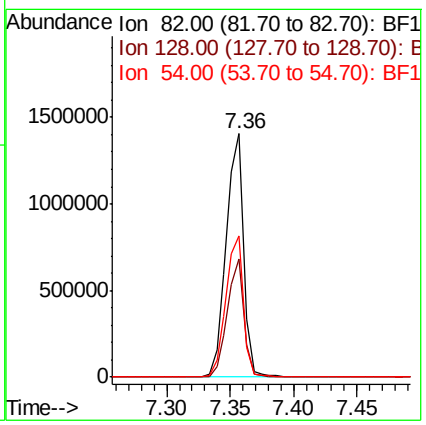


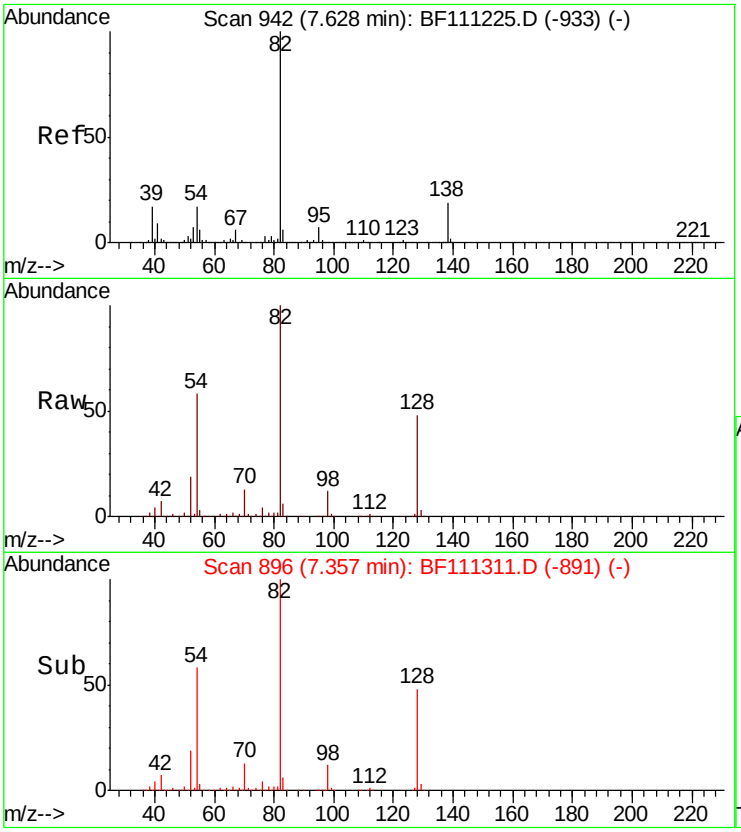


#23
Nitrobenzene-d5
Concen: 90.037 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion: 82 Resp: 1335327

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.4	56.2
54	58.0	47.6	71.4



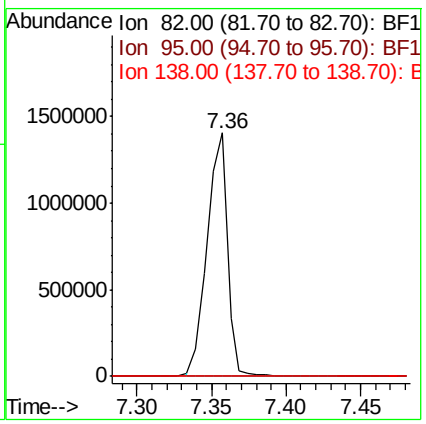


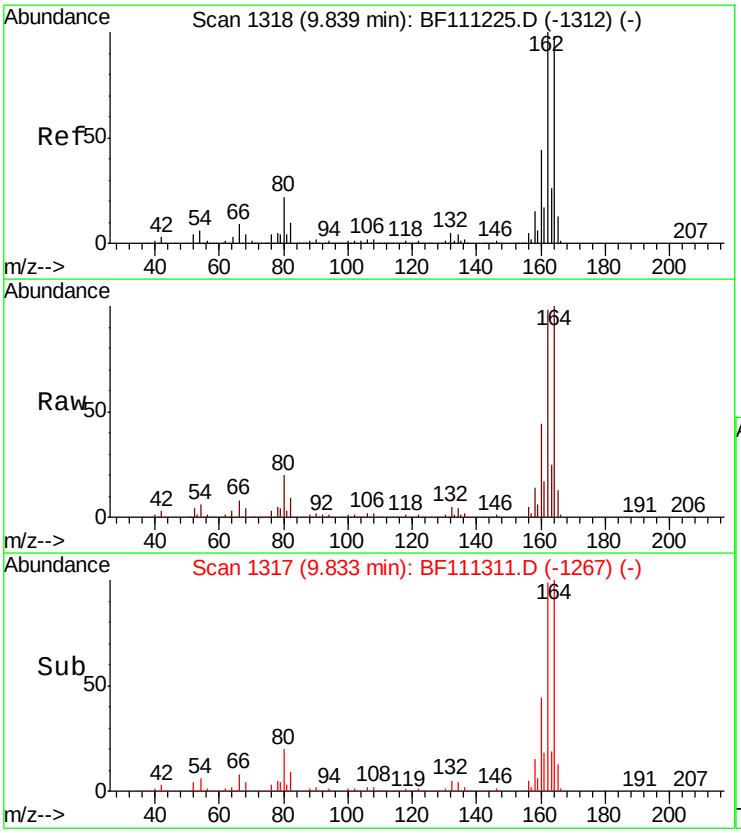
#25
Isophorone
Concen: 52.145 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1317174

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

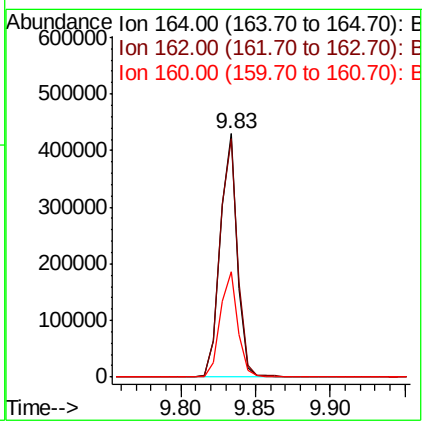


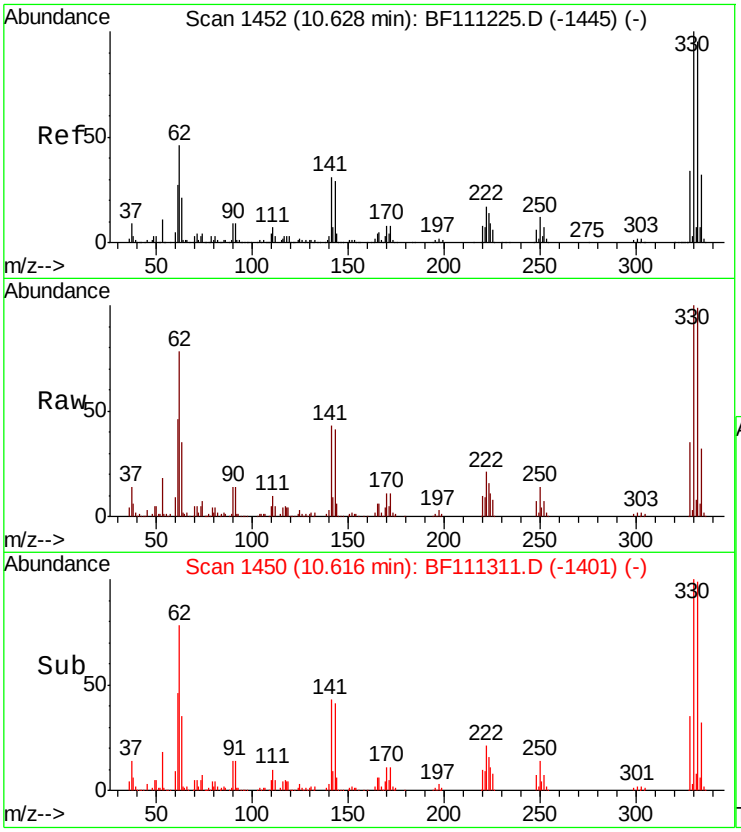


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion:164 Resp: 347451

Ion	Ratio	Lower	Upper
164	100		
162	97.9	81.4	122.0
160	43.5	35.7	53.5



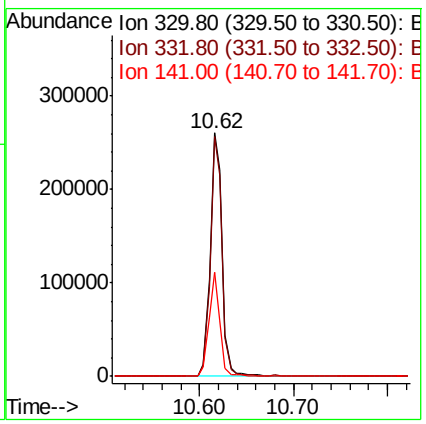


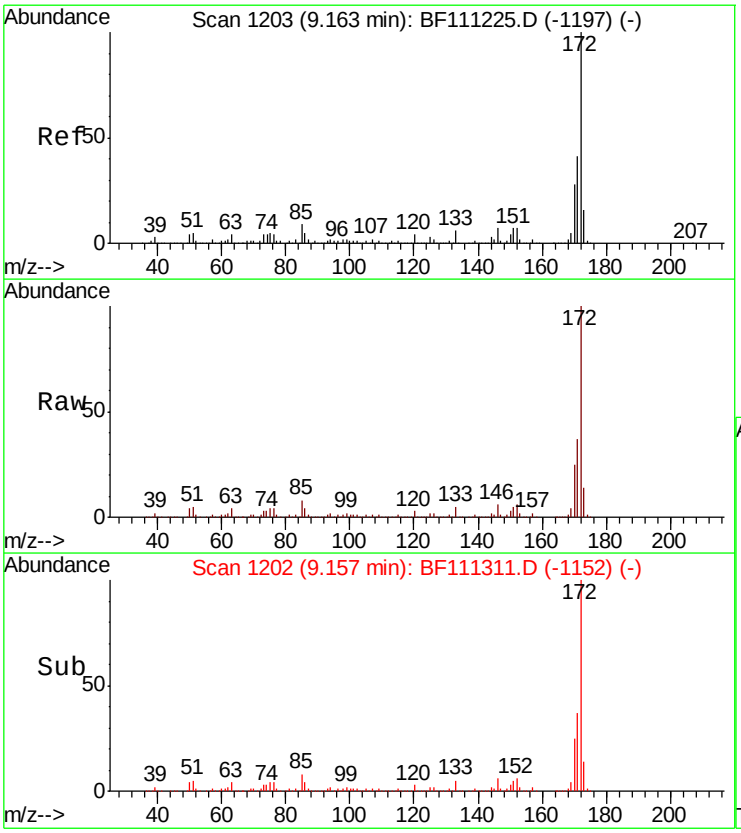
#42
2,4,6-Tribromophenol
Concen: 76.641 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 235882

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	39.2	31.0	46.6

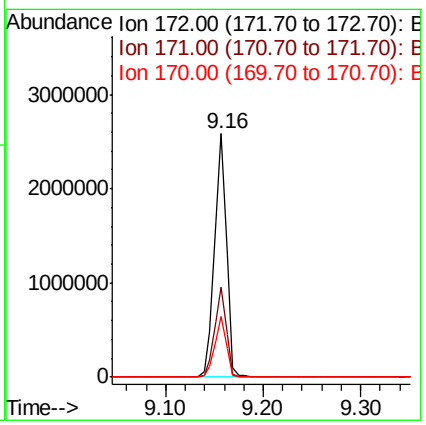


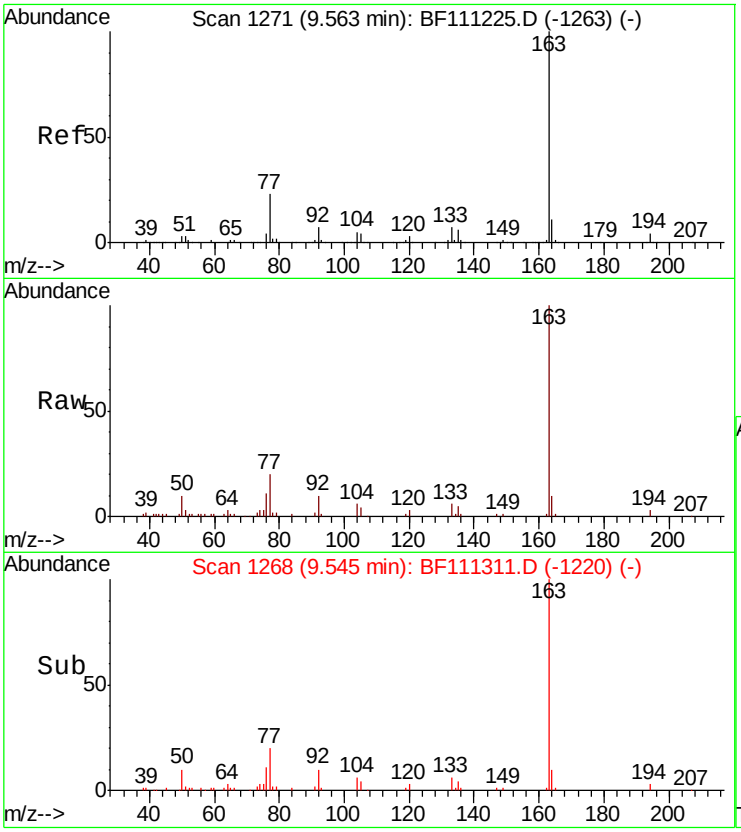


#45
2-Fluorobiphenyl
Concen: 130.303 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion:172 Resp: 2210155

Ion	Ratio	Lower	Upper
172	100		
171	36.9	33.0	49.4
170	24.9	22.3	33.5



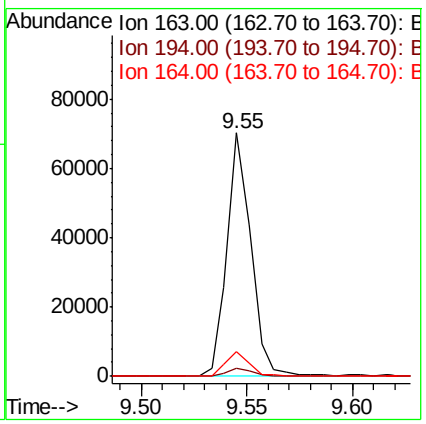


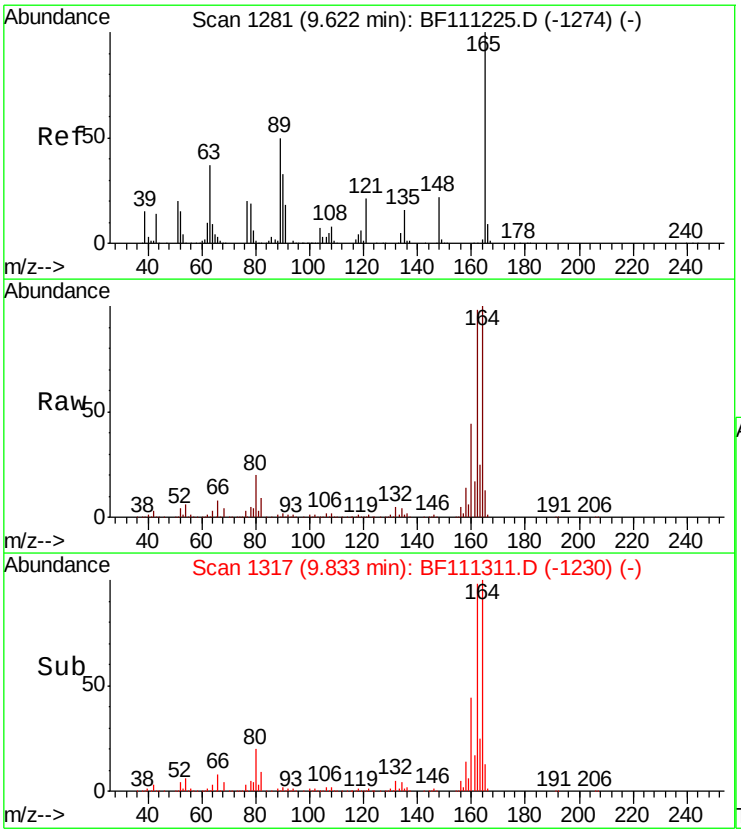
#50
Dimethylphthalate
Concen: 2.144 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 54969

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.6
164	10.1	8.9	13.3

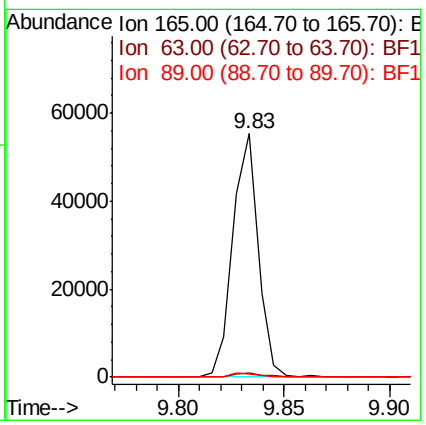


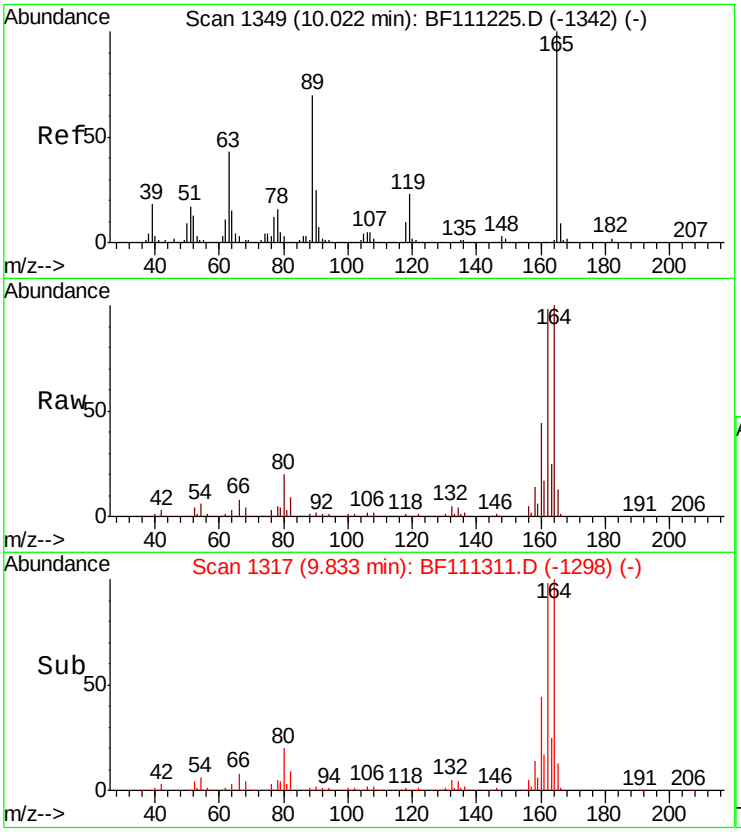


#51
2,6-Dinitrotoluene
Concen: 8.084 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion:165 Resp: 45767

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.5	60.7#
89	1.1	40.0	60.0#



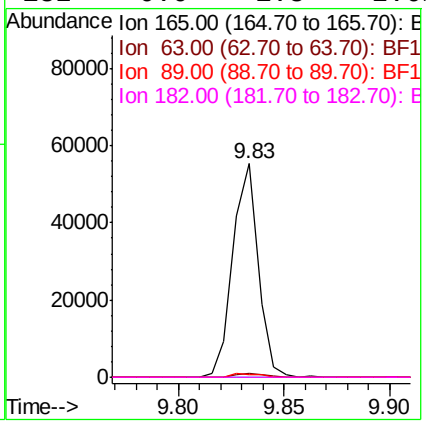


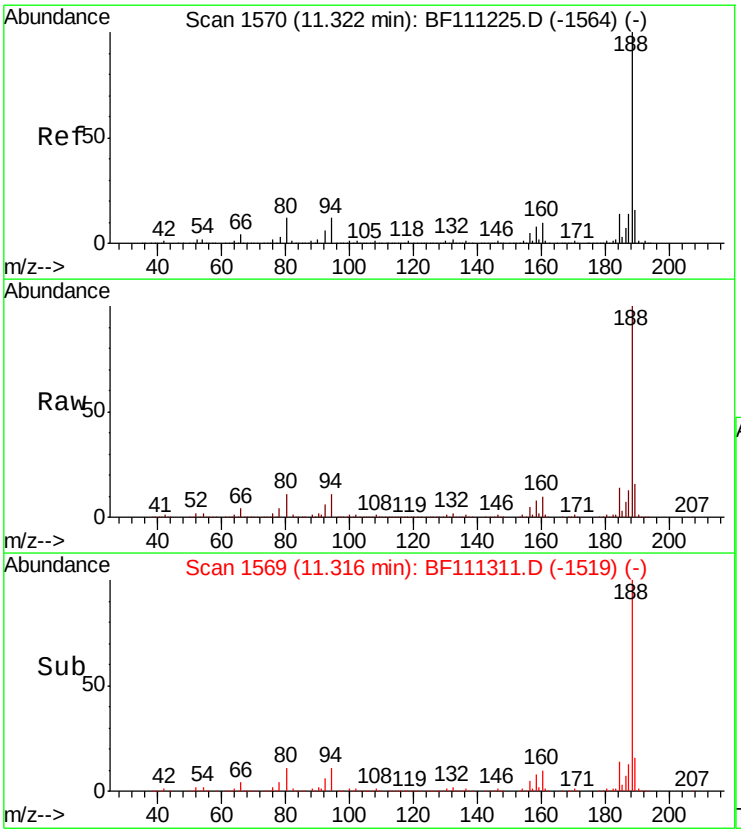
#57
2,4-Dinitrotoluene
Concen: 6.557 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 45767

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#

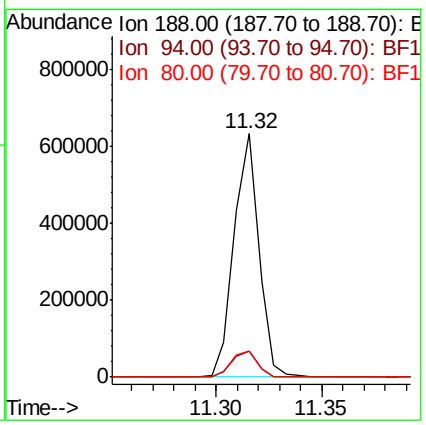


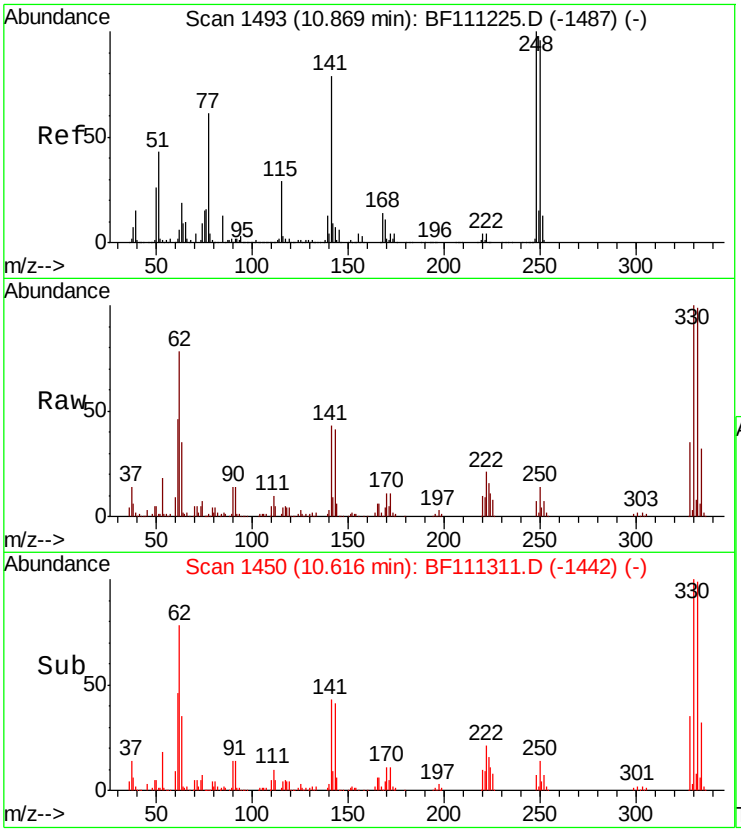


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion:188 Resp: 515241

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.6	14.4
80	10.9	9.8	14.6



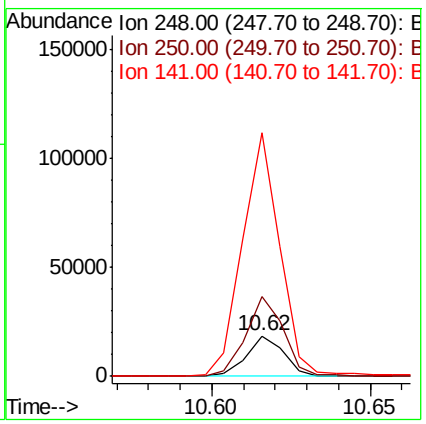


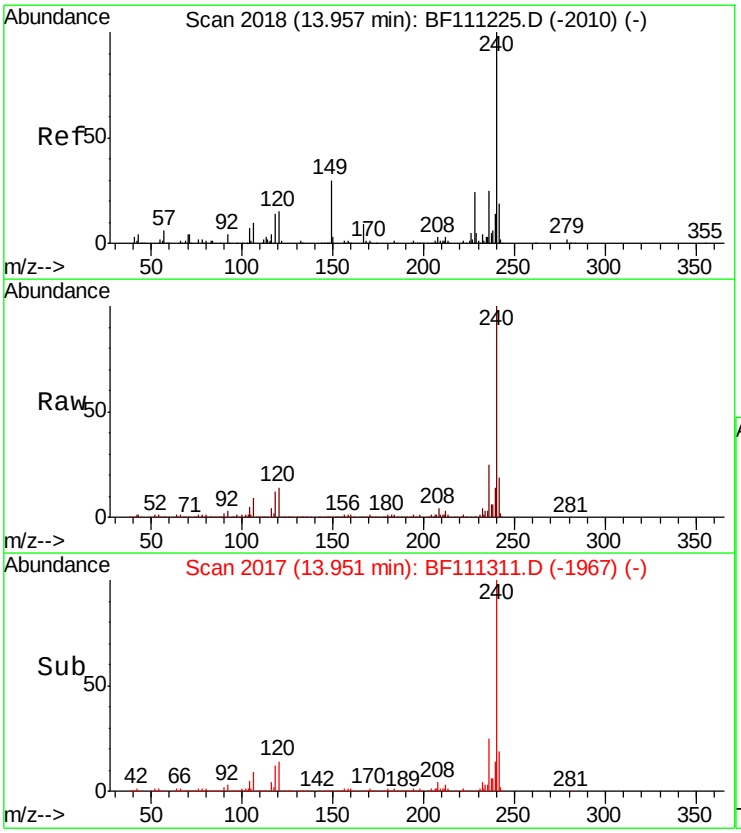
#67
4-Bromophenyl-phenylether
Concen: 2.664 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15035

Ion	Ratio	Lower	Upper
248	100		
250	195.2	77.0	115.4#
141	600.0	63.0	94.6#

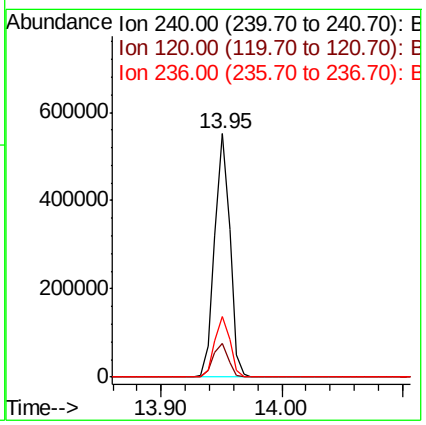


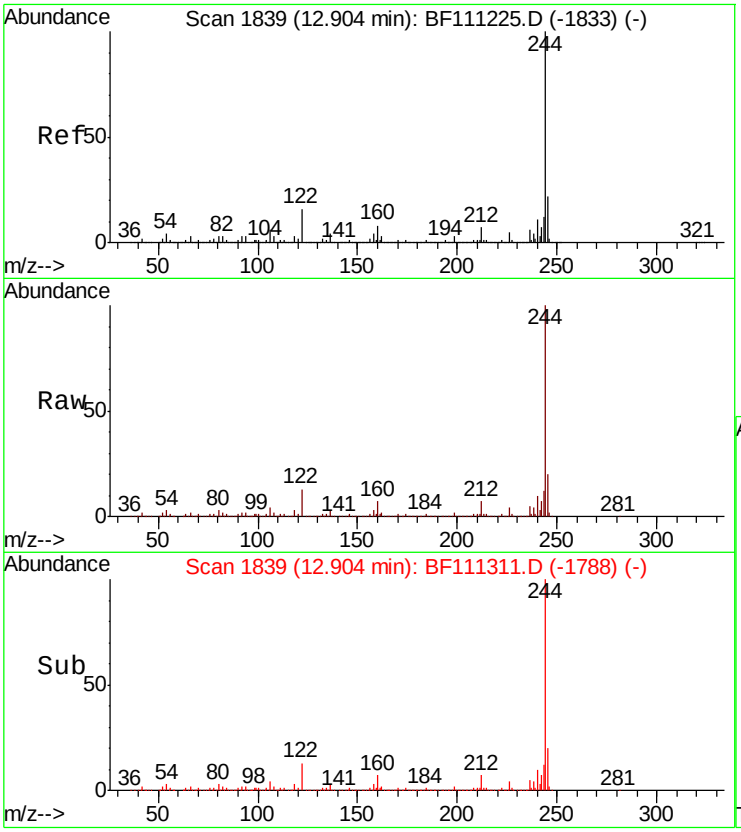


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion:240 Resp: 475255

Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.2	18.2
236	24.9	20.2	30.2



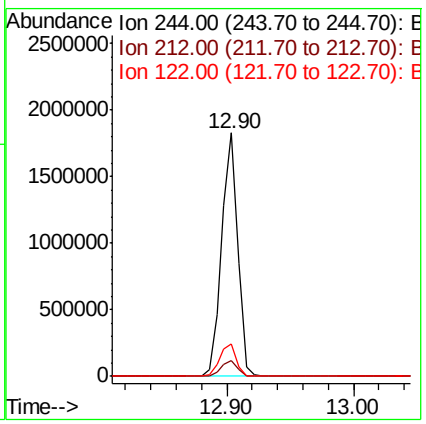


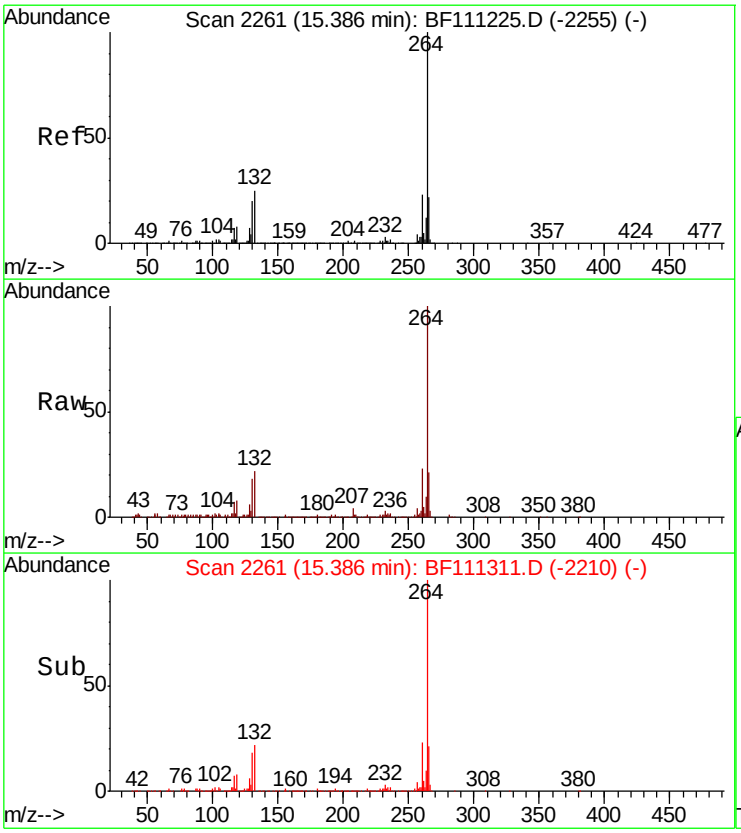
#79
Terphenyl-d14
Concen: 81.501 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1614816

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	13.5	13.1	19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111311.D
Acq: 12 Dec 2018 8:08

Tgt Ion:264 Resp: 332360

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.1	17.7	26.5