Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112050.D
Acq On : 14 Jan 2019 15:04
Operator : JU/SJ
Sample : K1103-02 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 14 15:59:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179261	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	584724	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	327605	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	545695	20.00	ng		0.00
76) Chrysene-d12	14.04	240	442944	20.00	ng		0.00
87) Perylene-d12	15.52	264	259687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	72419	6.91	ng		0.00
7) Phenol-d6	6.53	99	10858	0.80	ng		0.01
23) Nitrobenzene-d5	7.43	82	188970	17.27	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	59862	14.05	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	401917	17.89	ng		-0.01
79) Terphenyl-d14	12.98	244	288012	12.34	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	289	Below Cal		#	1
16) 2,2'-oxybis(1-Chloropropan	7.03	45	444478	22.958	ng		97
19) n-Nitroso-di-n-propylamine	7.43	70	201891	23.008	ng	#	64
25) Isophorone	7.43	82	188233	10.625	ng	#	65
32) Benzoic acid	8.18	122	27656	5.409	ng	#	74
51) 2,6-Dinitrotoluene	9.90	165	43665	7.934	ng	#	26
57) 2,4-Dinitrotoluene	9.90	165	43665	6.140	ng	#	27
62) 4-Nitroaniline	10.40	138	565118	101.094	ng	#	23
69) Atrazine	11.19	200	33947	5.276	ng	#	48

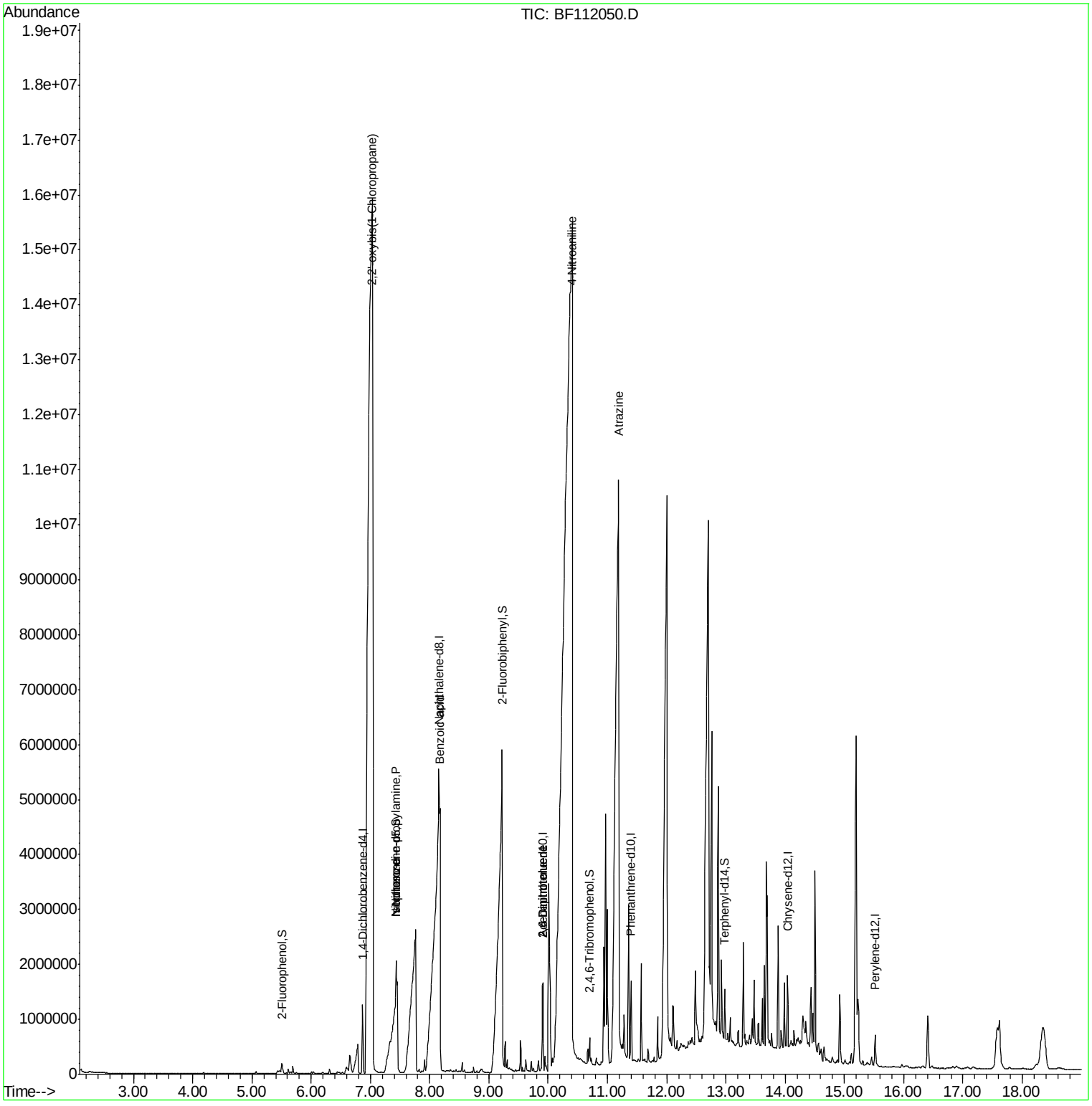
(#) = qualifier out of range (m) = manual integration (+) = signals summed

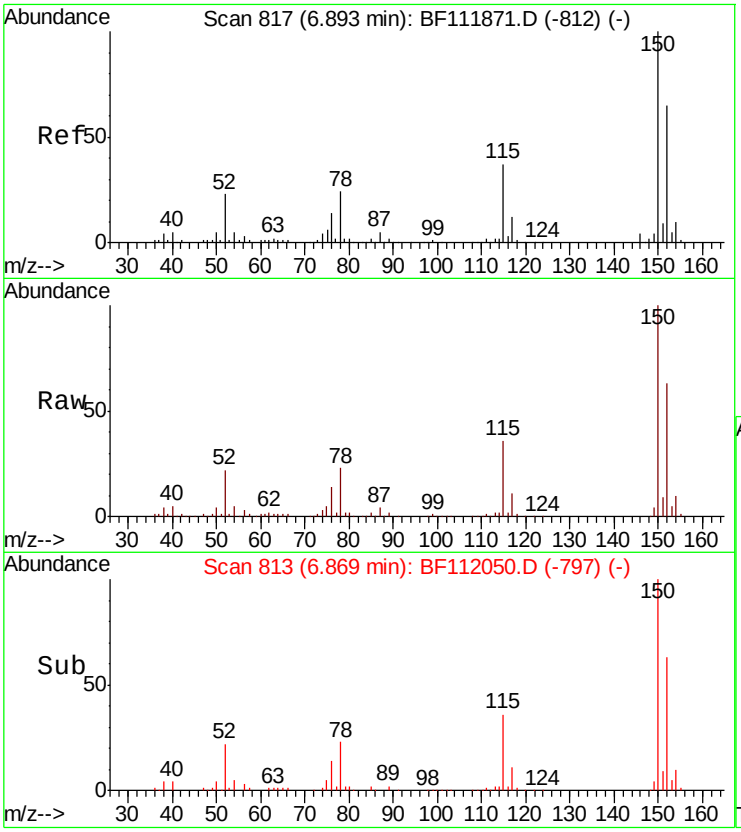
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112050.D
Acq On : 14 Jan 2019 15:04
Operator : JU/SJ
Sample : K1103-02 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 14 15:59:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration



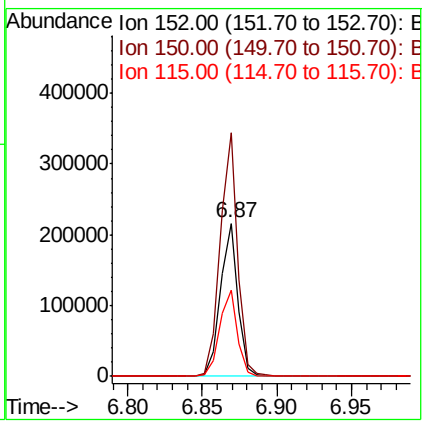


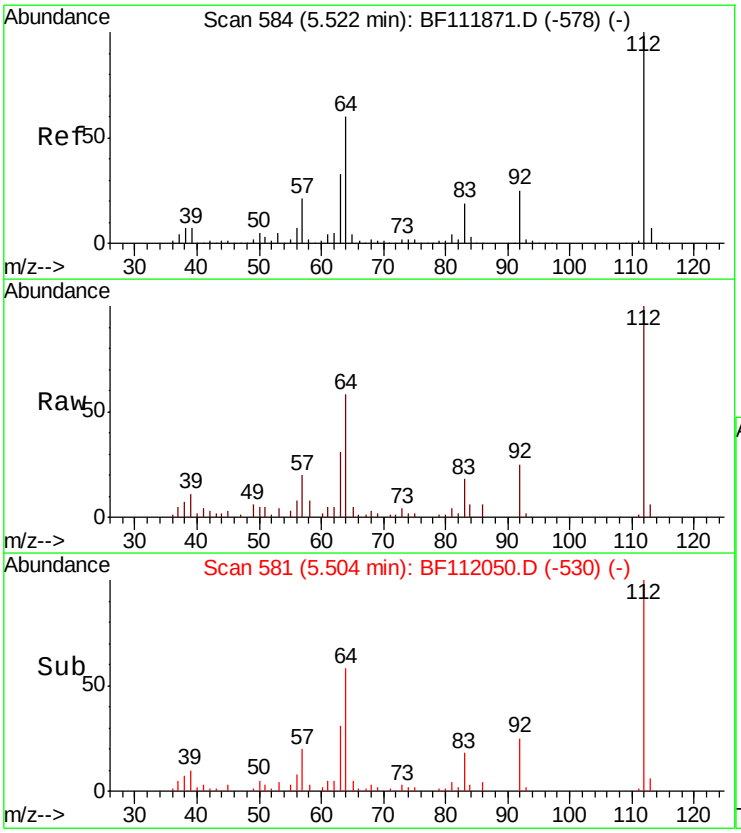
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 179261

Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.7	184.1
115	56.8	45.2	67.8

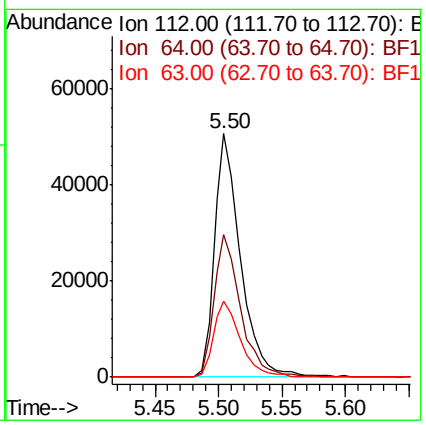


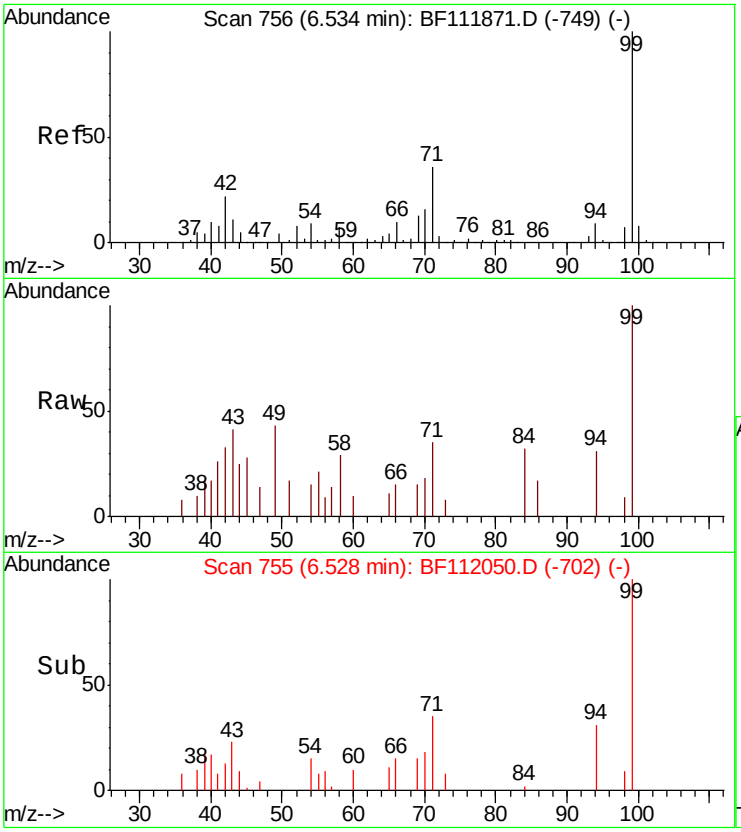


#5
2-Fluorophenol
Concen: 6.911 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion:112 Resp: 72419

Ion	Ratio	Lower	Upper
112	100		
64	58.3	48.3	72.5
63	31.1	26.1	39.1



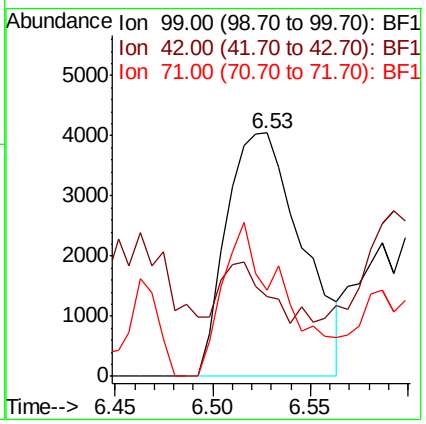


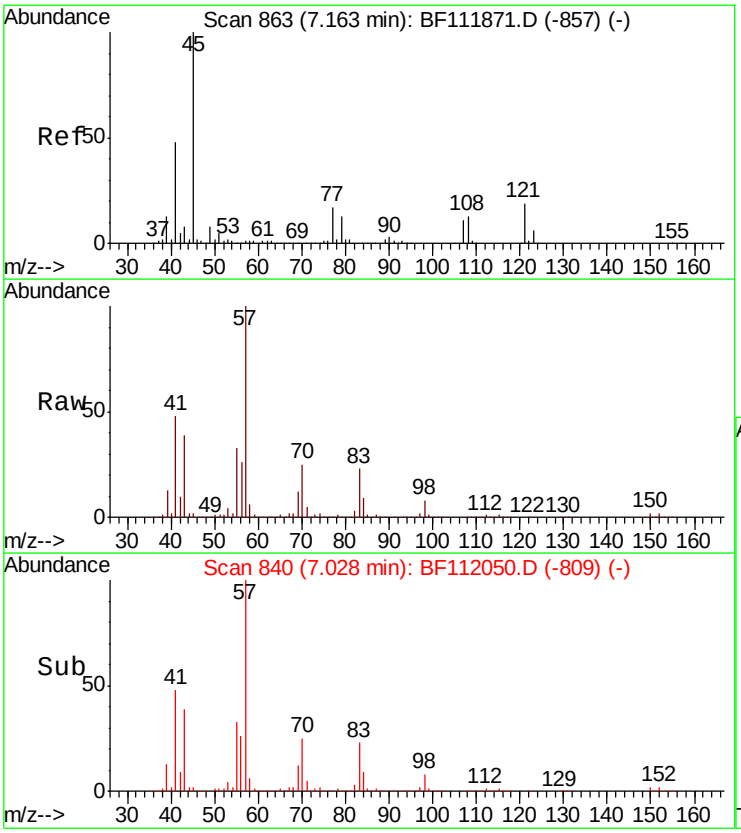
#7
Phenol-d6
Concen: 0.804 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 10858

Ion	Ratio	Lower	Upper
99	100		
42	32.7	17.9	26.9#
71	35.3	28.7	43.1

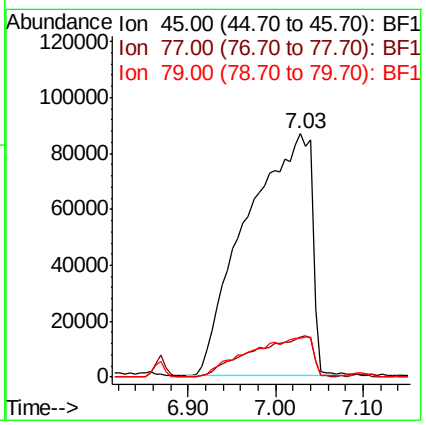


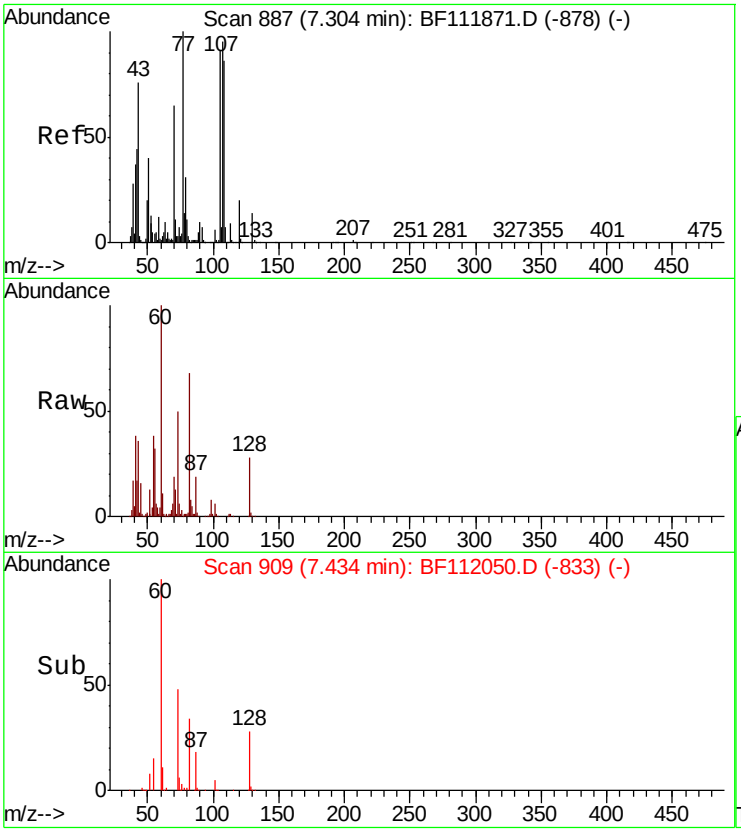


#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.958 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.12 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion: 45 Resp: 444478

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	37.1
79	15.8	0.0	33.9



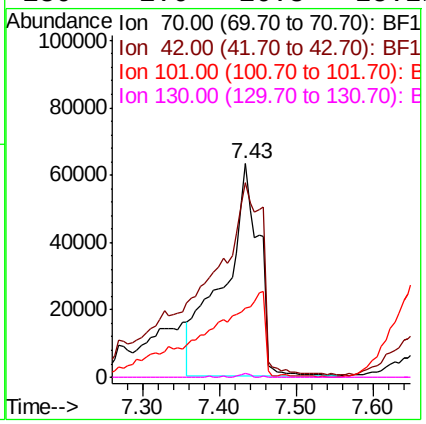


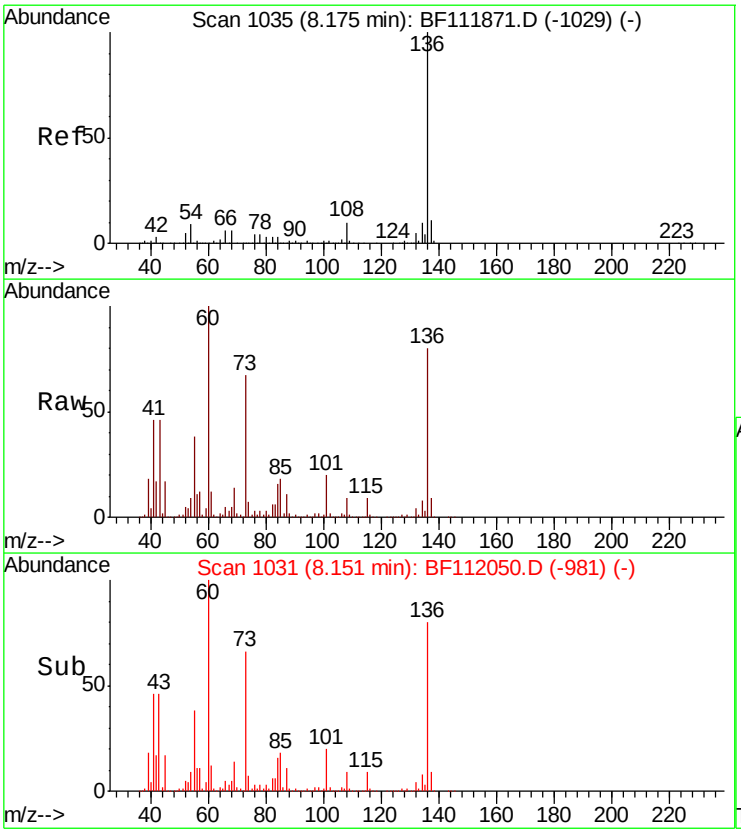
#19
n-Nitroso-di-n-propylamine
Concen: 23.008 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 201891

Ion	Ratio	Lower	Upper
70	100		
42	91.2	53.6	80.4#
101	32.5	7.3	10.9#
130	1.6	16.8	25.2#

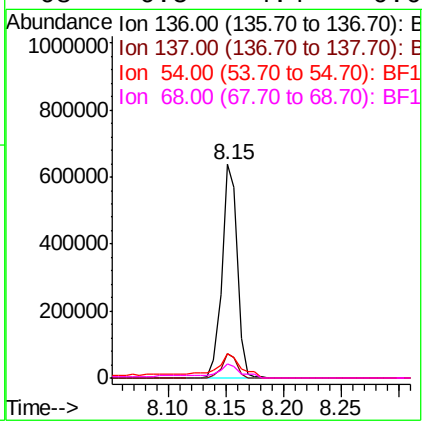


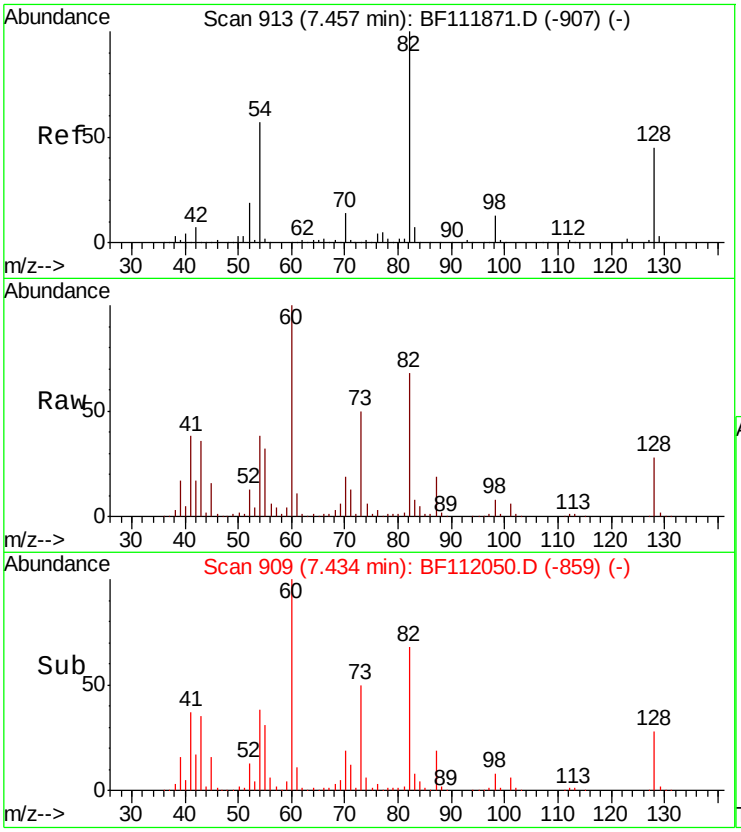


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion:136 Resp: 584724

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	11.3	7.2	10.8#
68	6.5	4.4	6.6



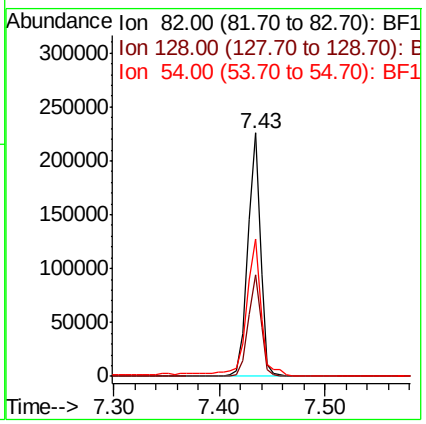


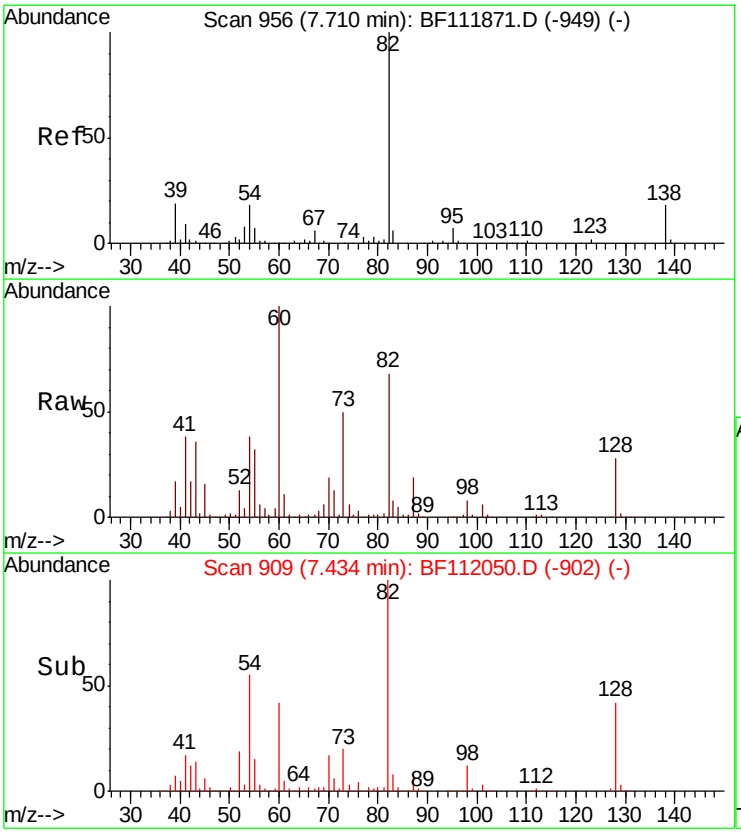
#23
Nitrobenzene-d5
Concen: 17.272 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 188970

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.7	53.5
54	56.4	45.8	68.8

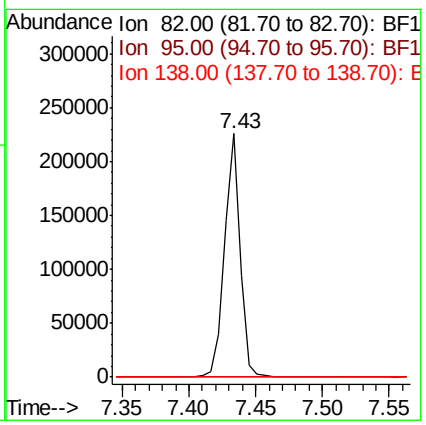


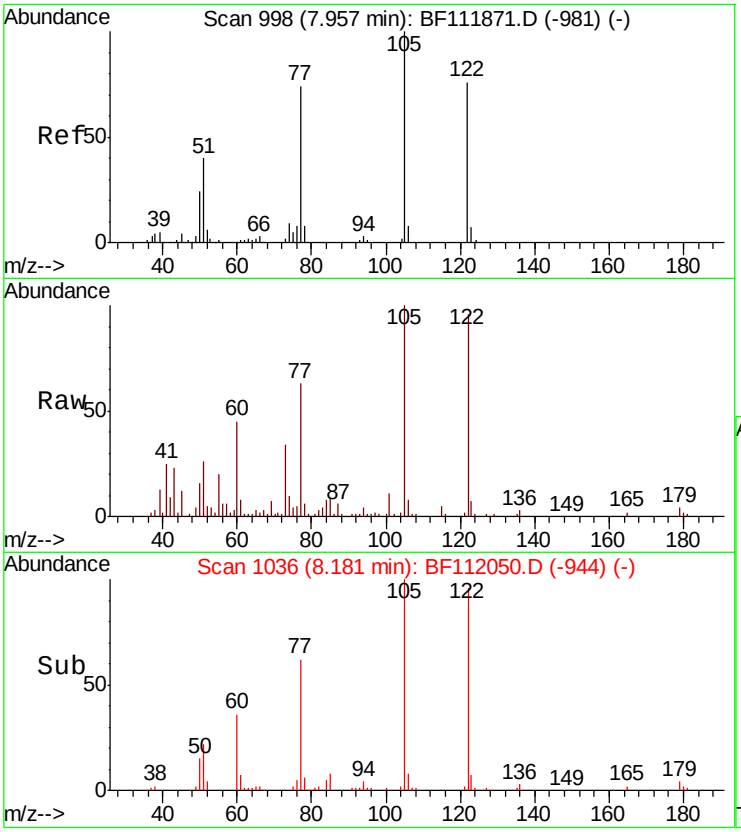


#25
Isophorone
Concen: 10.625 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion: 82 Resp: 188233

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.8	8.6#
138	0.0	14.4	21.6#



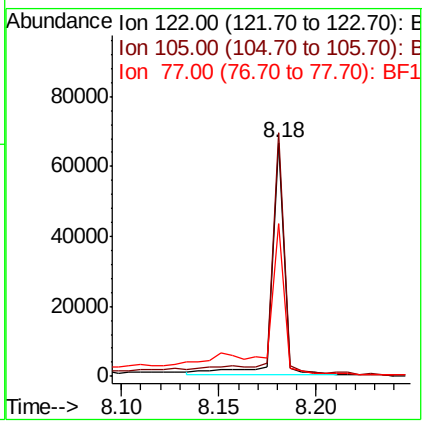


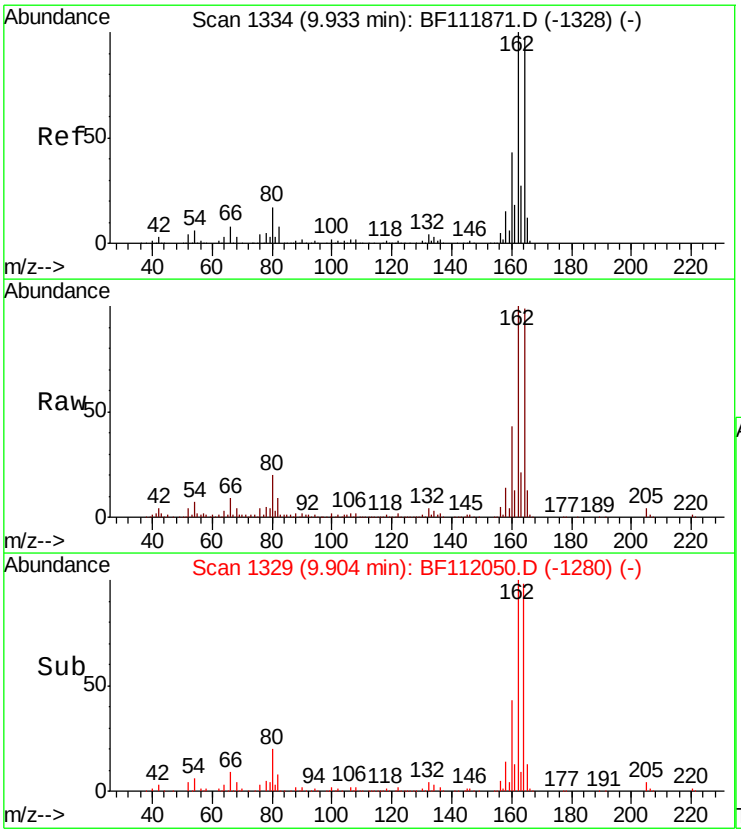
#32
Benzoic acid
Concen: 5.409 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.24 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 27656

Ion	Ratio	Lower	Upper
122	100		
105	104.1	107.9	147.9#
77	65.2	76.6	116.6#

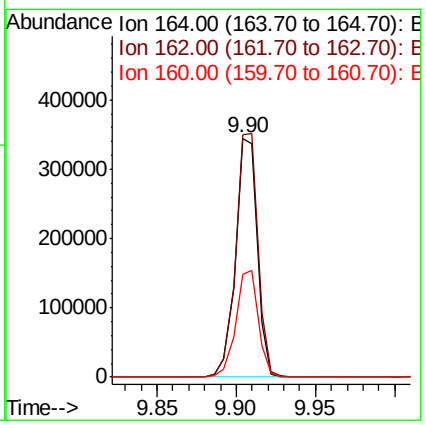


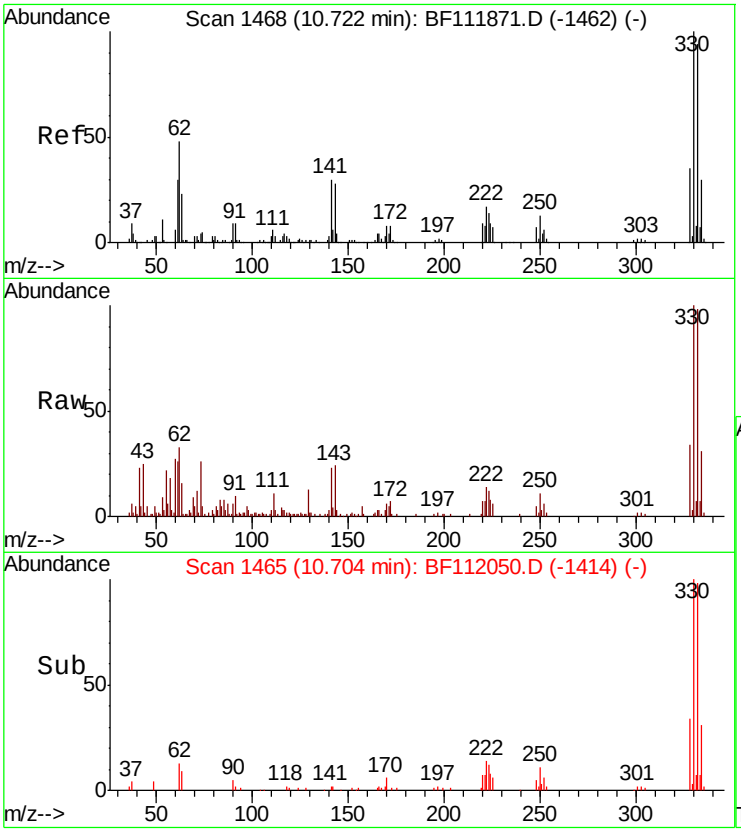


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion:164 Resp: 327605

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	43.3	35.5	53.3



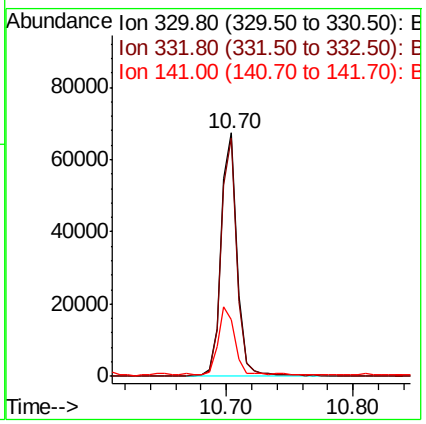


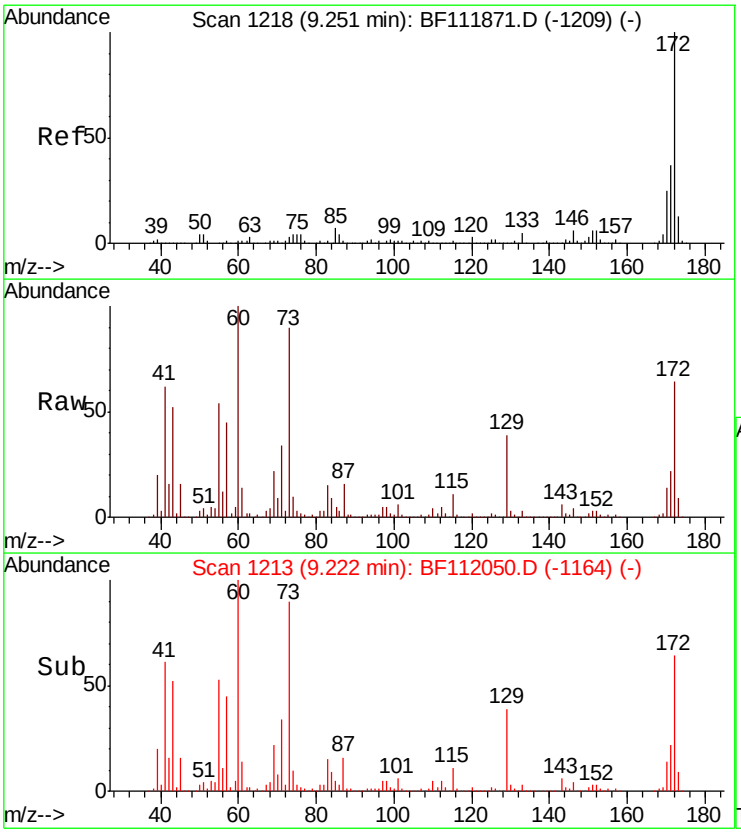
#42
2,4,6-Tribromophenol
Concen: 14.048 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 59862

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	30.9	23.7	35.5

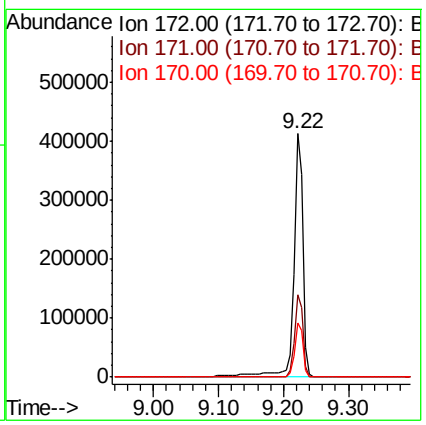


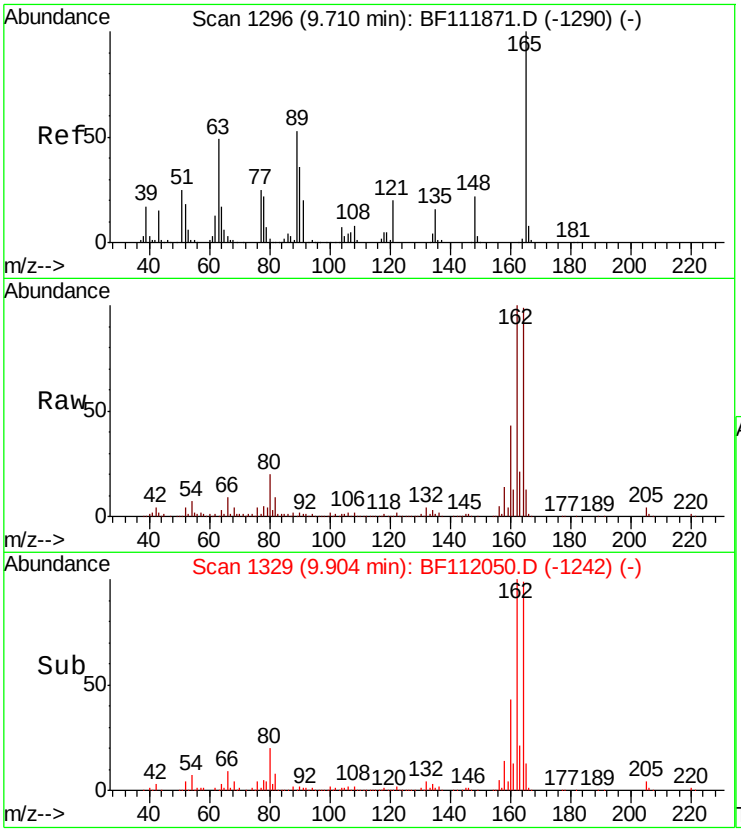


#45
2-Fluorobiphenyl
Concen: 17.890 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion:172 Resp: 401917

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	22.3	19.8	29.8



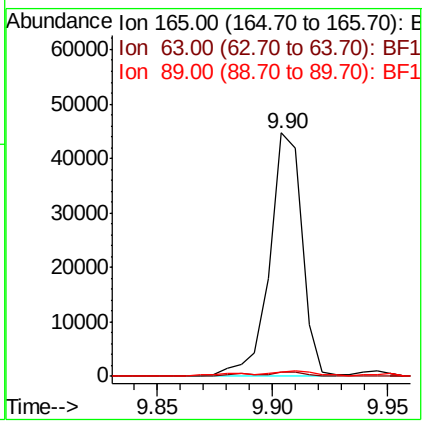


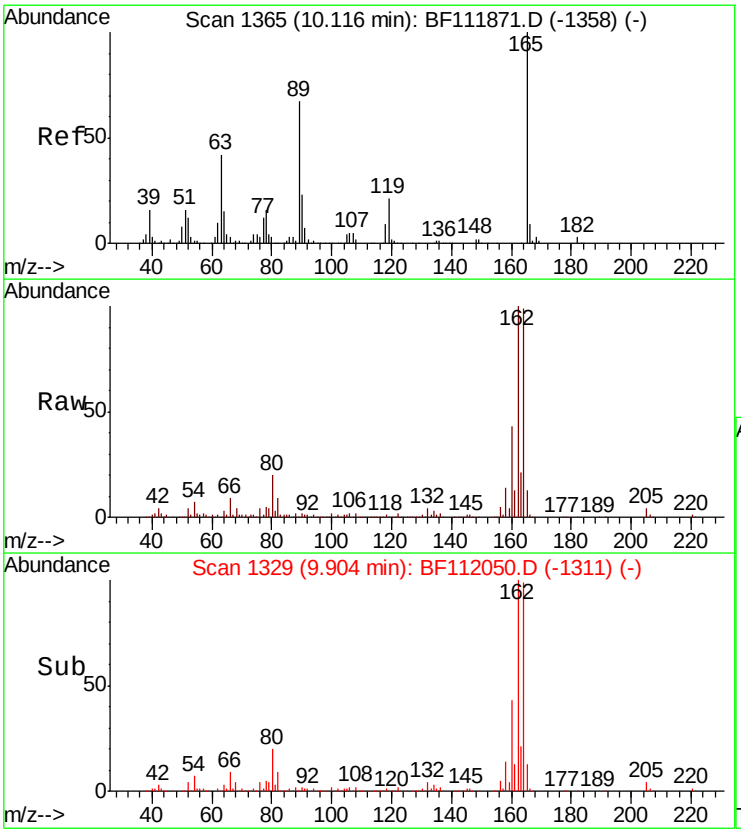
#51
2,6-Dinitrotoluene
Concen: 7.934 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 43665

Ion	Ratio	Lower	Upper
165	100		
63	1.8	46.2	69.2#
89	1.6	42.2	63.2#

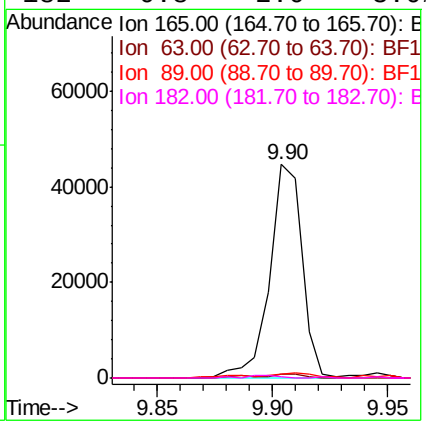


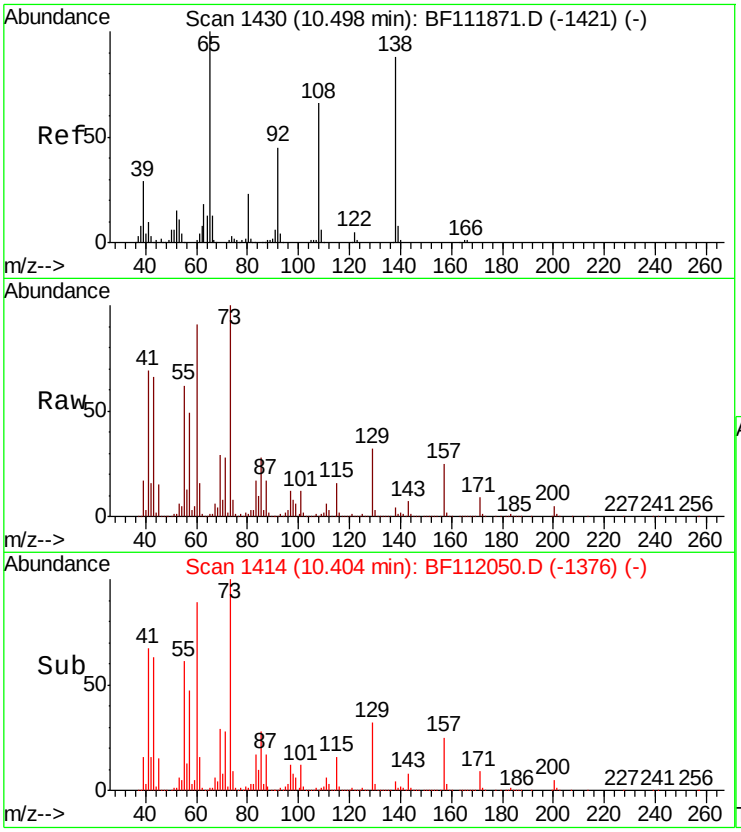


#57
2,4-Dinitrotoluene
Concen: 6.140 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion:165 Resp: 43665

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.1	51.1#
89	1.6	53.5	80.3#
182	0.8	2.0	3.0#



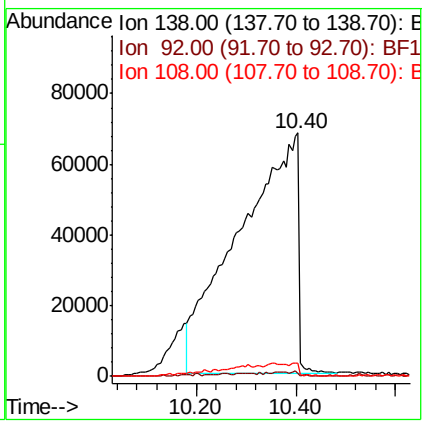


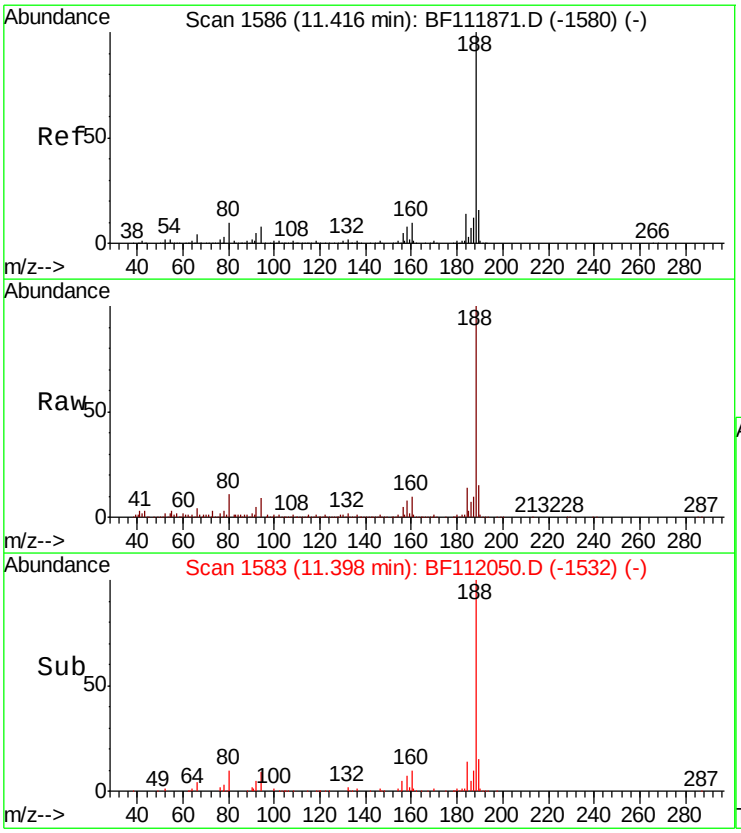
#62
4-Nitroaniline
Concen: 101.094 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.08 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 565118

Ion	Ratio	Lower	Upper
138	100		
92	1.3	31.0	71.0#
108	5.5	54.7	94.7#

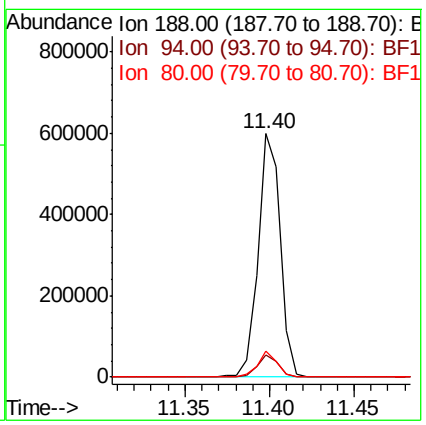


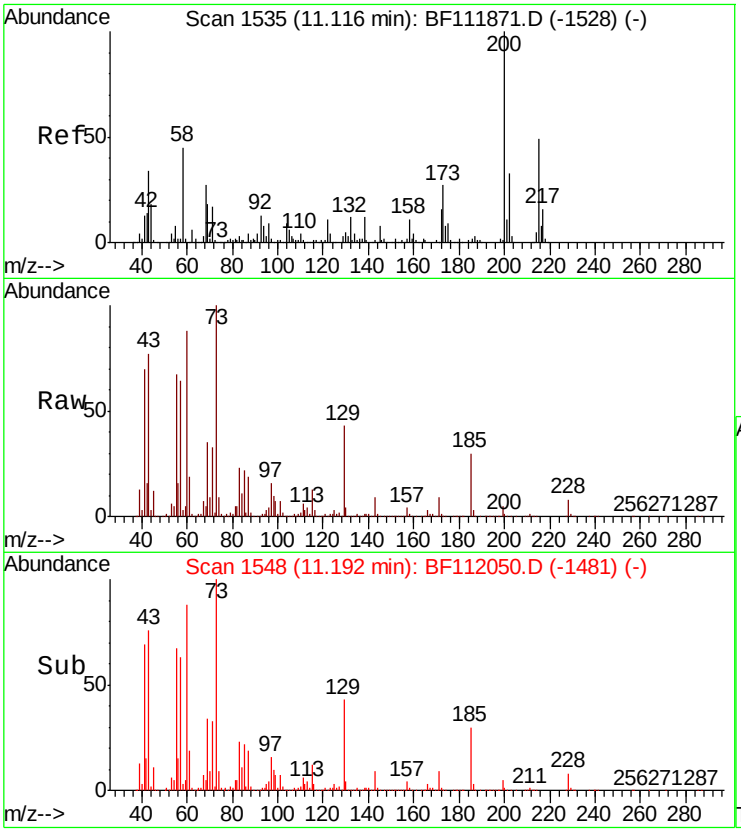


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion:188 Resp: 545695

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	10.6	7.7	11.5



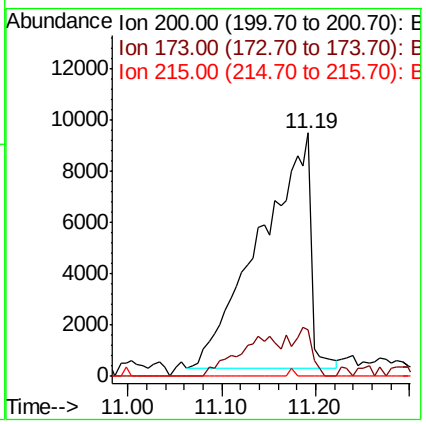


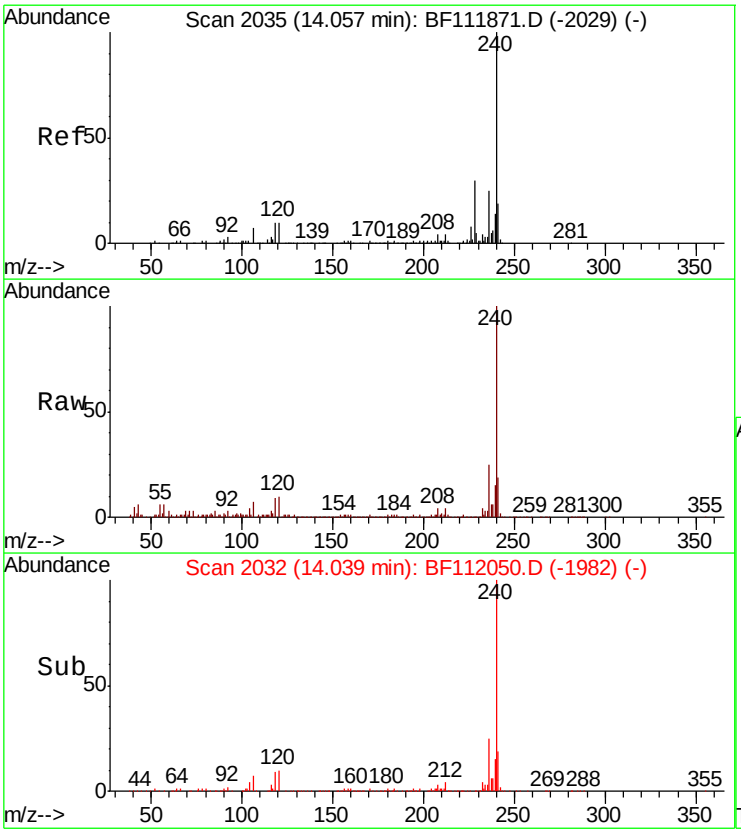
#69
Atrazine
Concen: 5.276 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.09 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 33947

Ion	Ratio	Lower	Upper
200	100		
173	19.0	6.6	46.6
215	0.0	28.9	68.9#

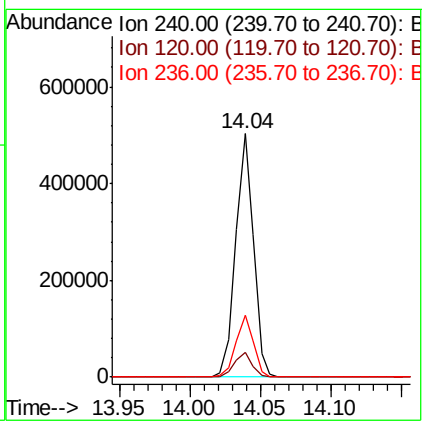


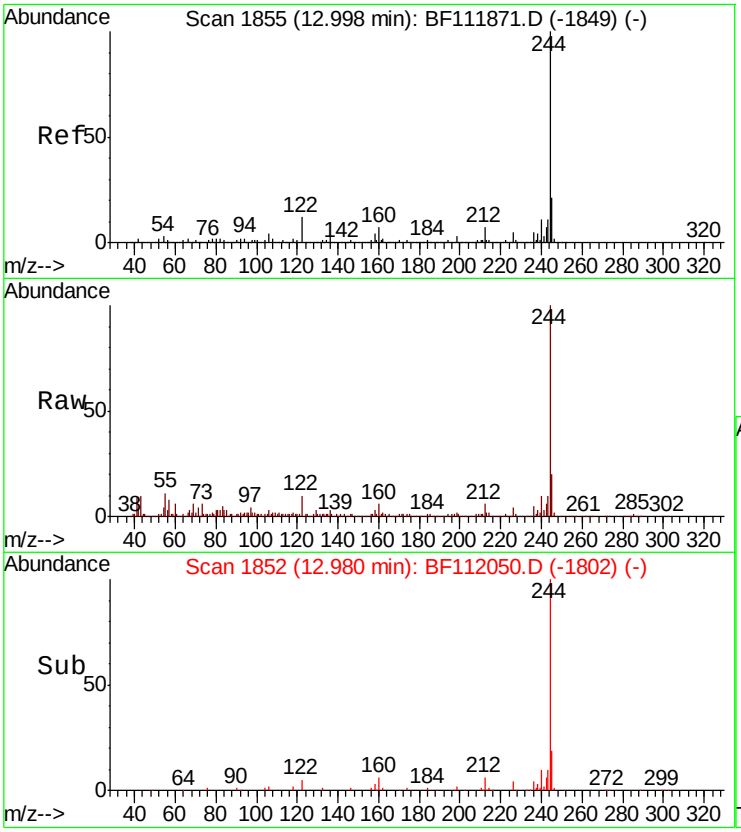


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion:240 Resp: 442944

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	25.3	20.2	30.4



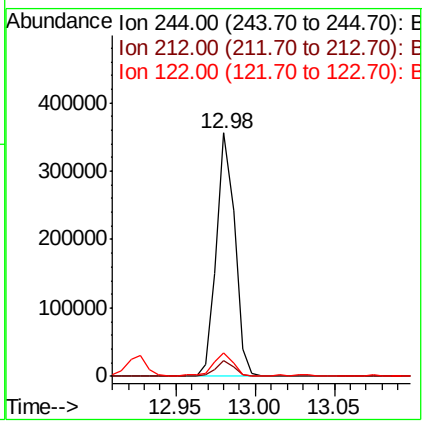


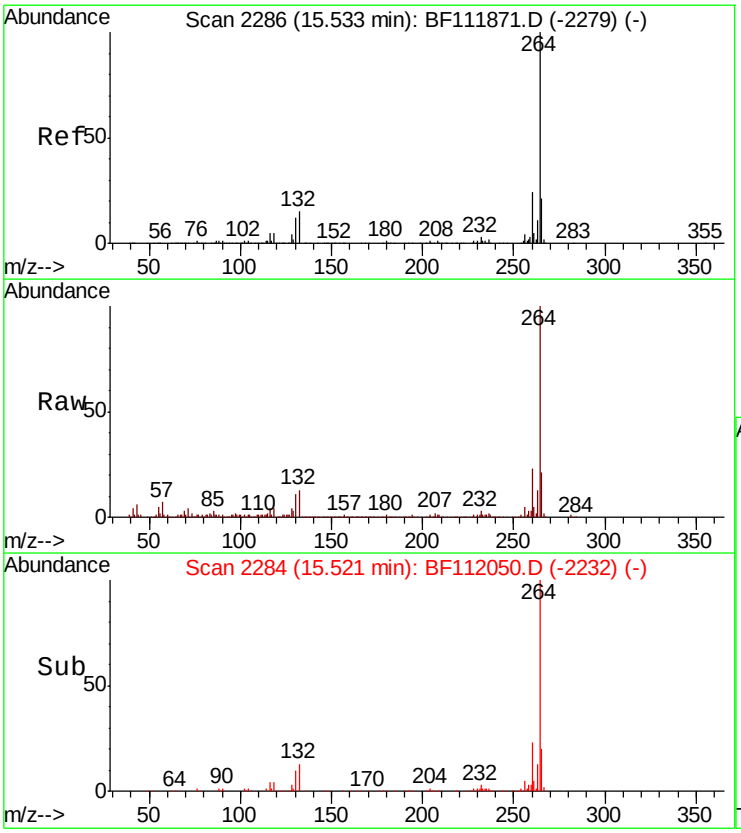
#79
Terphenyl-d14
Concen: 12.343 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 288012

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	9.8	9.5	14.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion:264 Resp: 259687

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.8	17.1	25.7