Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111207.D
Acq On : 8 Dec 2018 1:07
Operator : JU/SJ
Sample : J6282-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-2-120618

Quant Time: Dec 08 02:54:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	455507	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1658915	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	771794	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1257985	20.00	ng		0.00
76) Chrysene-d12	13.96	240	724069	20.00	ng		0.00
87) Perylene-d12	15.40	264	798161	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2646056	90.65	ng		0.00
7) Phenol-d6	6.43	99	3620538	96.28	ng		0.00
23) Nitrobenzene-d5	7.36	82	1798900	64.20	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	662520	107.99	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3489107	83.41	ng		0.00
79) Terphenyl-d14	12.91	244	2214595	62.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	4651	Below Cal			91
19) n-Nitroso-di-n-propylamine	7.36	70	244652	9.682	ng	#	74
25) Isophorone	7.36	82	1791180	34.832	ng	#	65
50) Dimethylphthalate	9.55	163	124241	2.313	ng	#	99
51) 2,6-Dinitrotoluene	9.84	165	102268	8.980	ng	#	26
57) 2,4-Dinitrotoluene	9.84	165	102268	6.953	ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	44804	3.365	ng	#	1
74) Di-n-butylphthalate	11.89	149	196201	2.641	ng		97
77) Benzidine	12.67	184	1178	Below Cal		#	1
84) Bis(2-ethylhexyl)phthalate	13.95	149	520750	15.821	ng		99

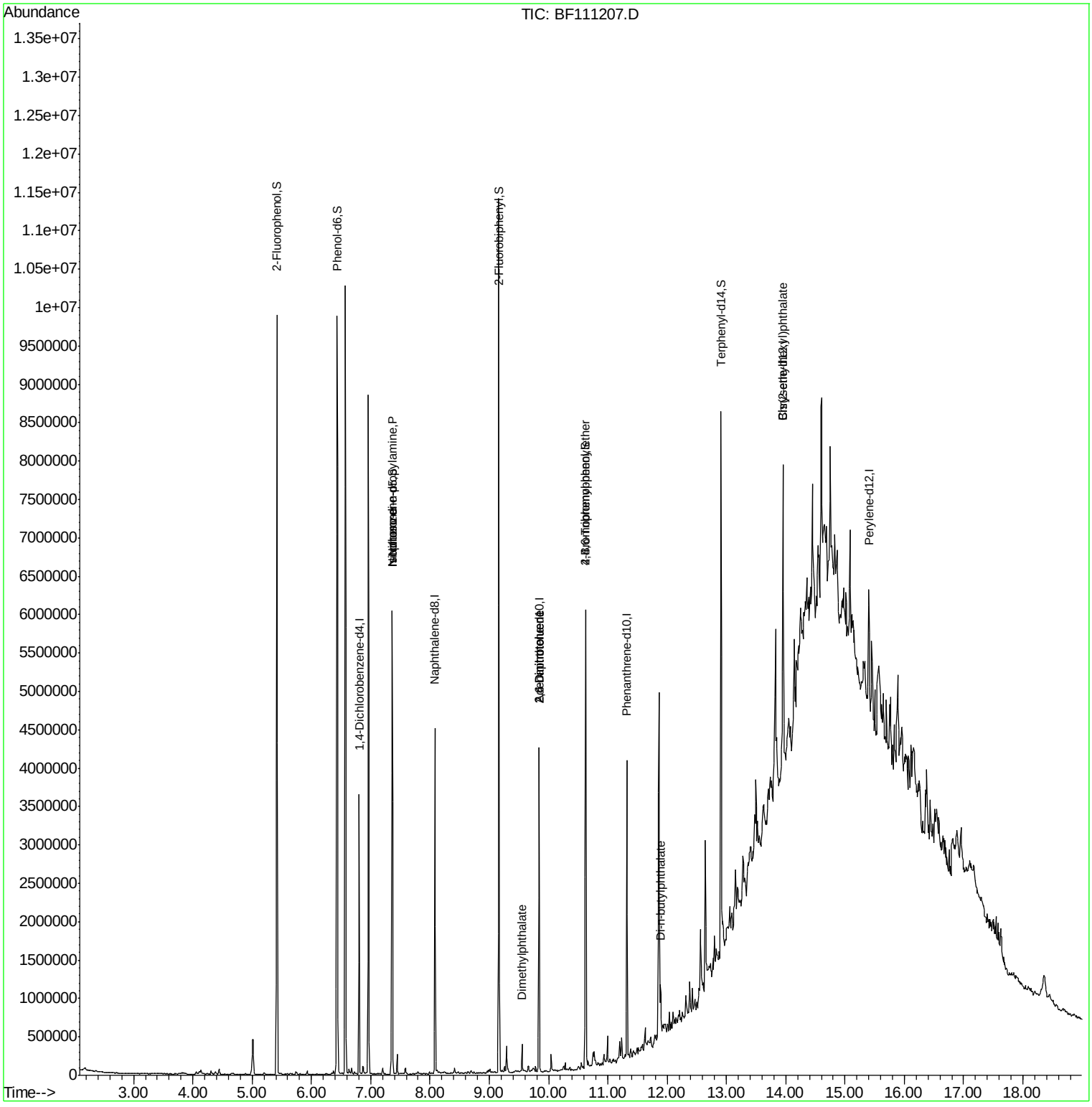
(#) = qualifier out of range (m) = manual integration (+) = signals summed

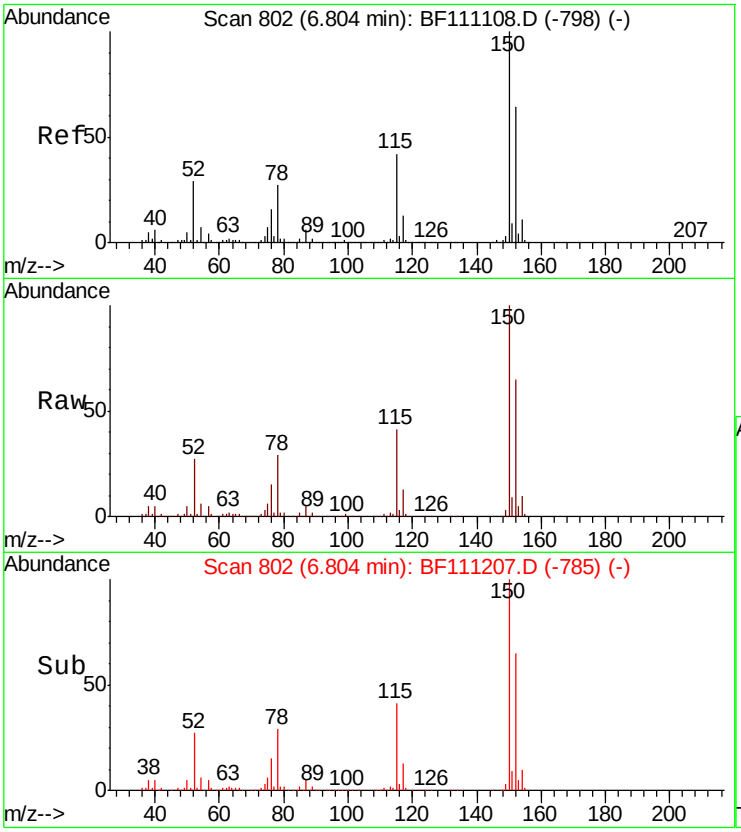
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111207.D
Acq On : 8 Dec 2018 1:07
Operator : JU/SJ
Sample : J6282-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-2-120618

Quant Time: Dec 08 02:54:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



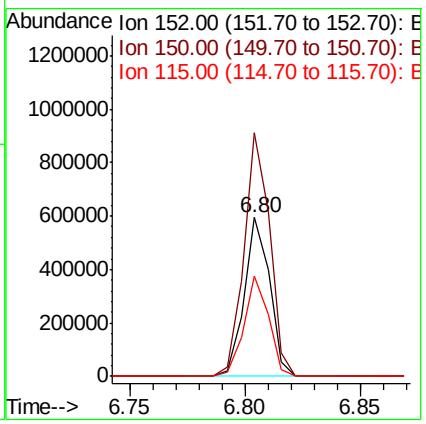


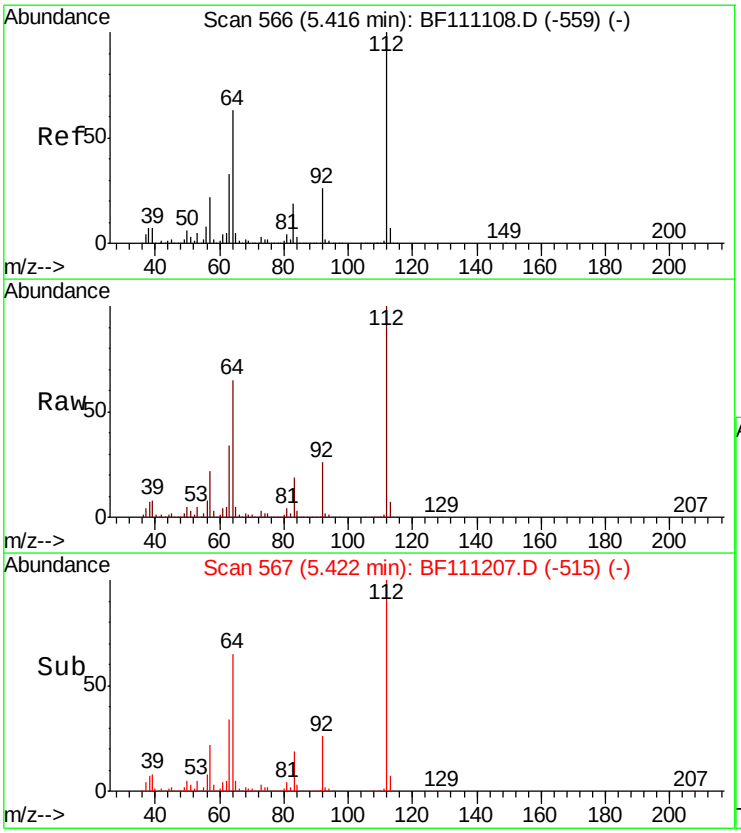
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
AU-2-120618

Tgt Ion:152 Resp: 455507

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	187.0
115	63.2	52.2	78.2

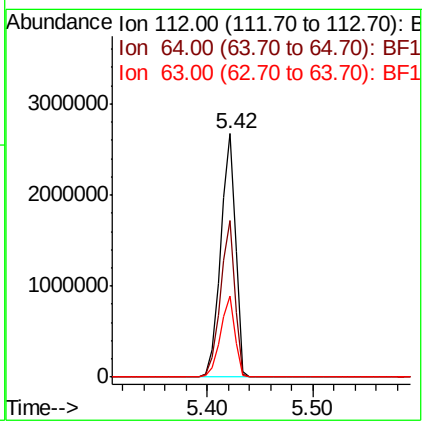


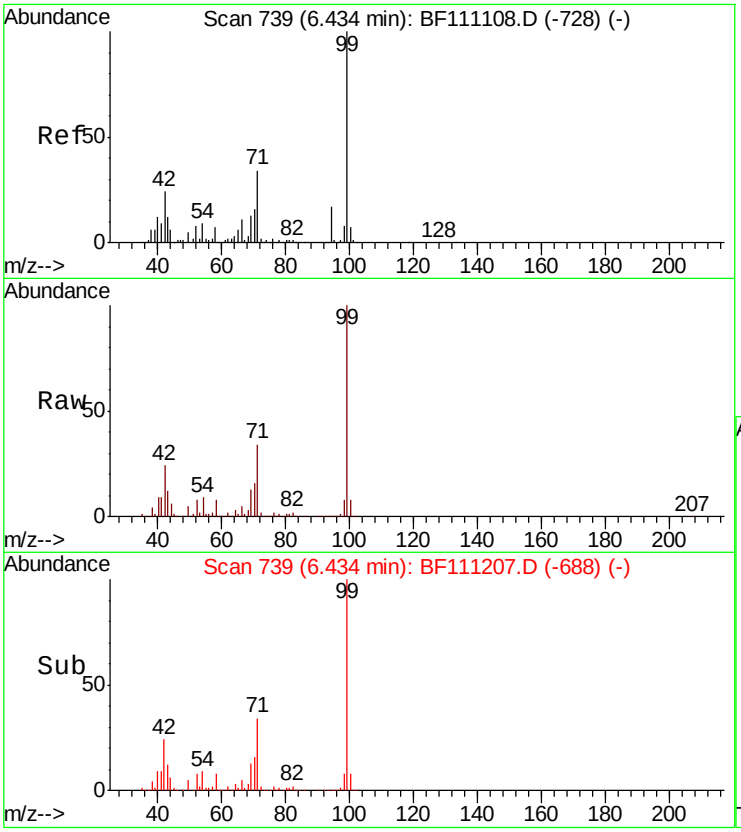


#5
2-Fluorophenol
Concen: 90.647 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Tgt Ion:112 Resp: 2646056

Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.2	75.4
63	33.5	26.6	39.8



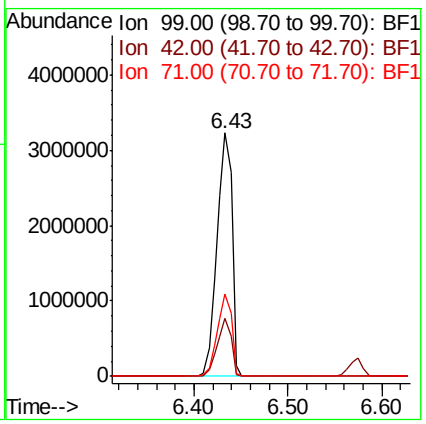


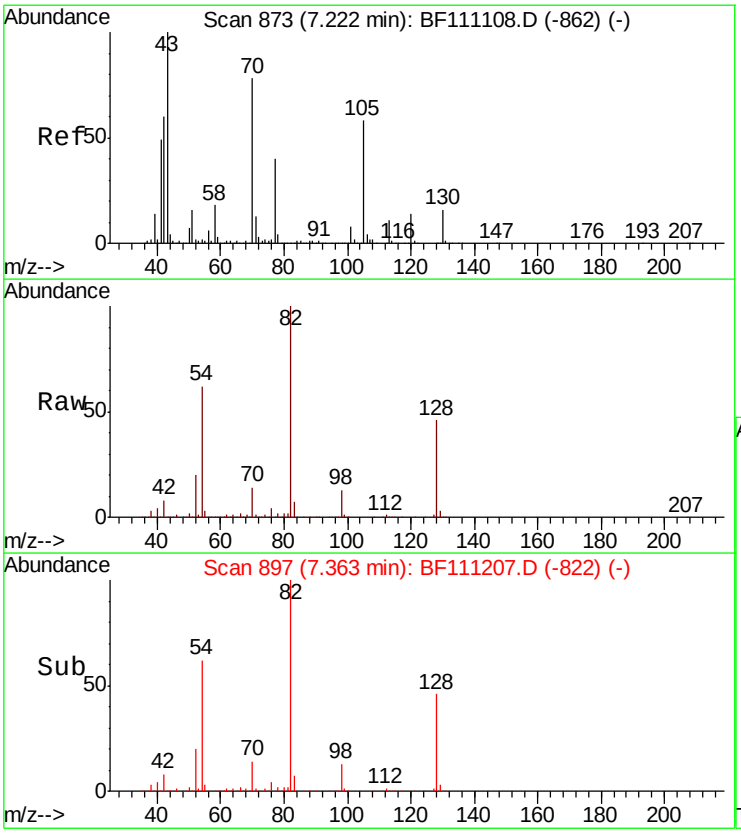
#7
Phenol-d6
Concen: 96.284 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
AU-2-120618

Tgt Ion: 99 Resp: 3620538

Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.3	28.9
71	34.0	27.4	41.2

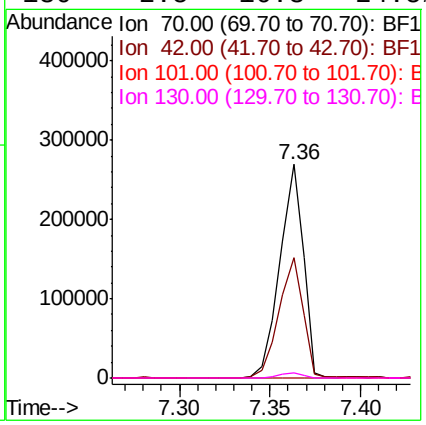


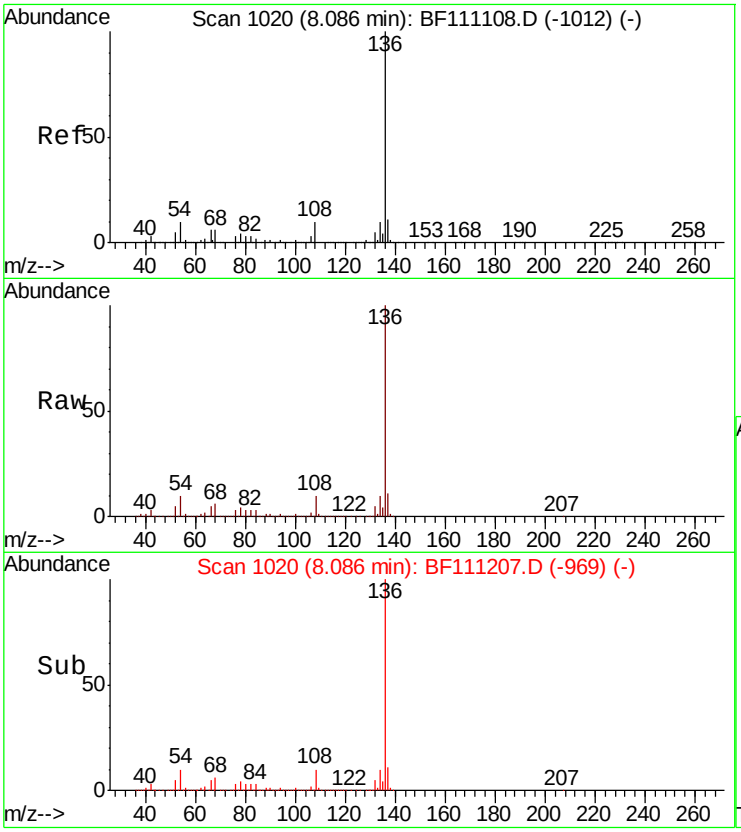


#19
n-Nitroso-di-n-propylamine
Concen: 9.682 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Tgt Ion: 70 Resp: 244652

Ion	Ratio	Lower	Upper
70	100		
42	56.6	61.3	91.9#
101	0.0	7.7	11.5#
130	2.5	16.3	24.5#



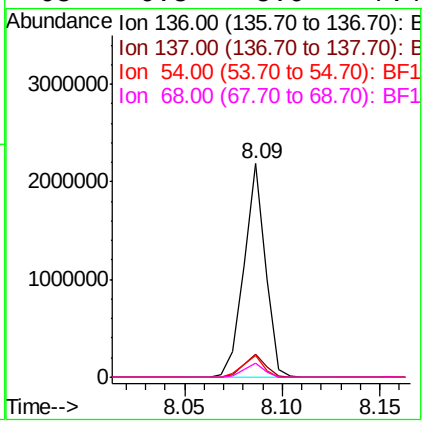


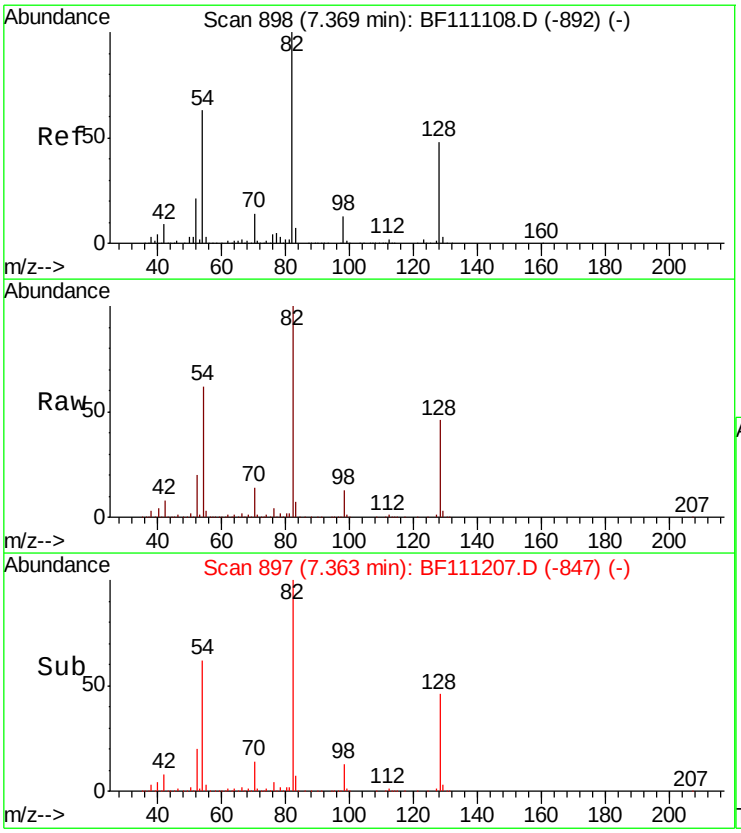
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
AU-2-120618

Tgt Ion:136 Resp: 1658915

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	10.0	8.4	12.6
68	6.3	5.0	7.4

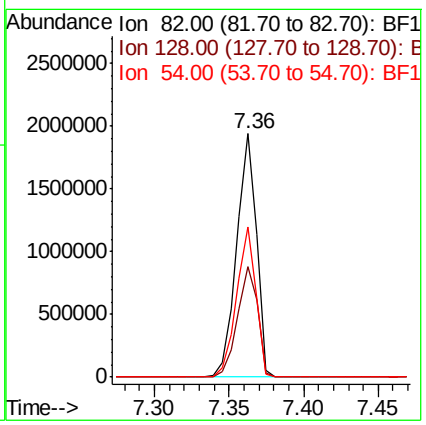


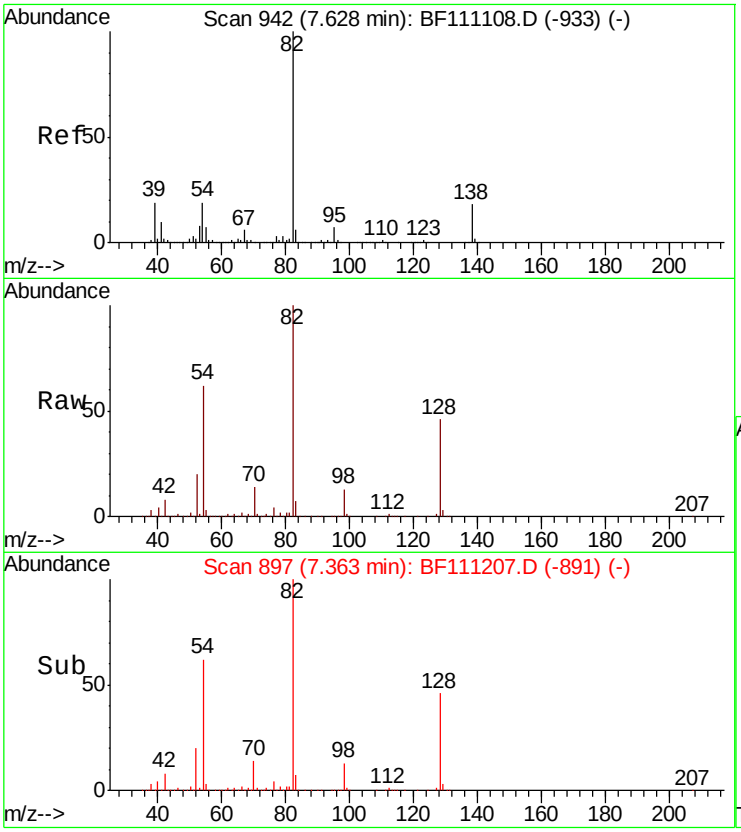


#23
Nitrobenzene-d5
Concen: 64.199 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Tgt Ion: 82 Resp: 1798900

Ion	Ratio	Lower	Upper
82	100		
128	45.6	38.1	57.1
54	61.8	50.3	75.5



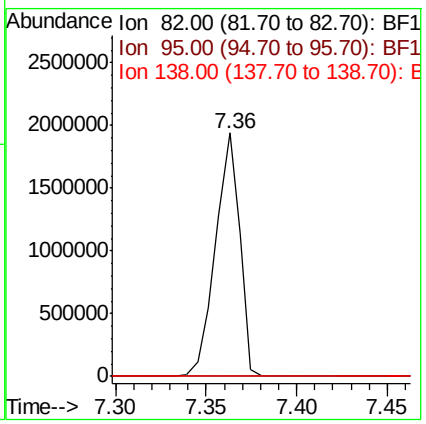


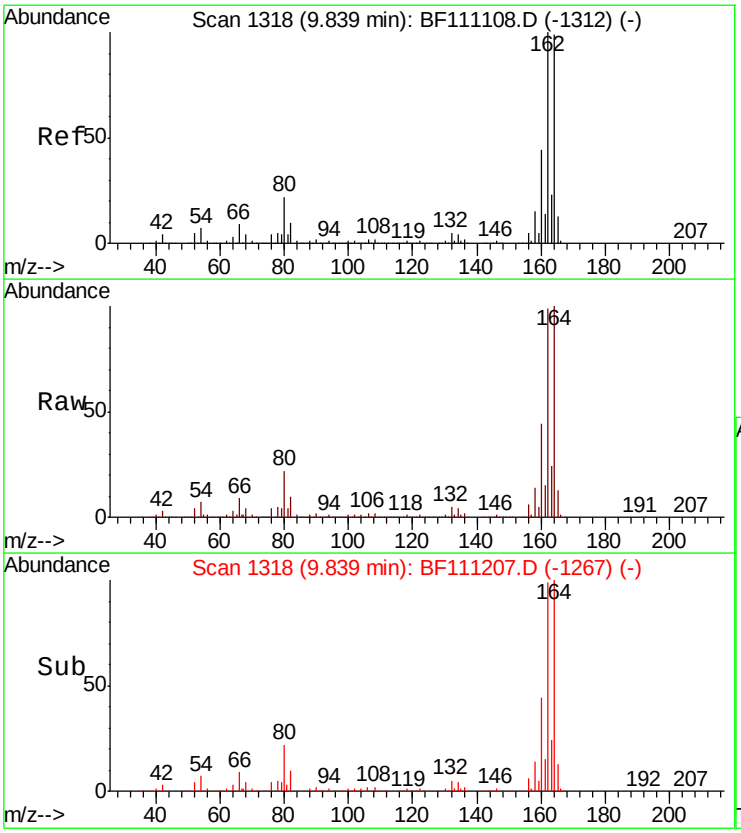
#25
Isophorone
Concen: 34.832 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
AU-2-120618

Tgt Ion: 82 Resp: 1791180

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

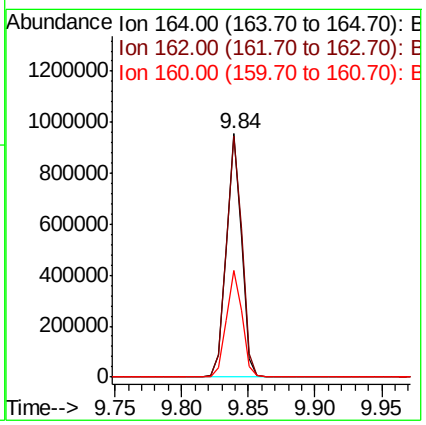


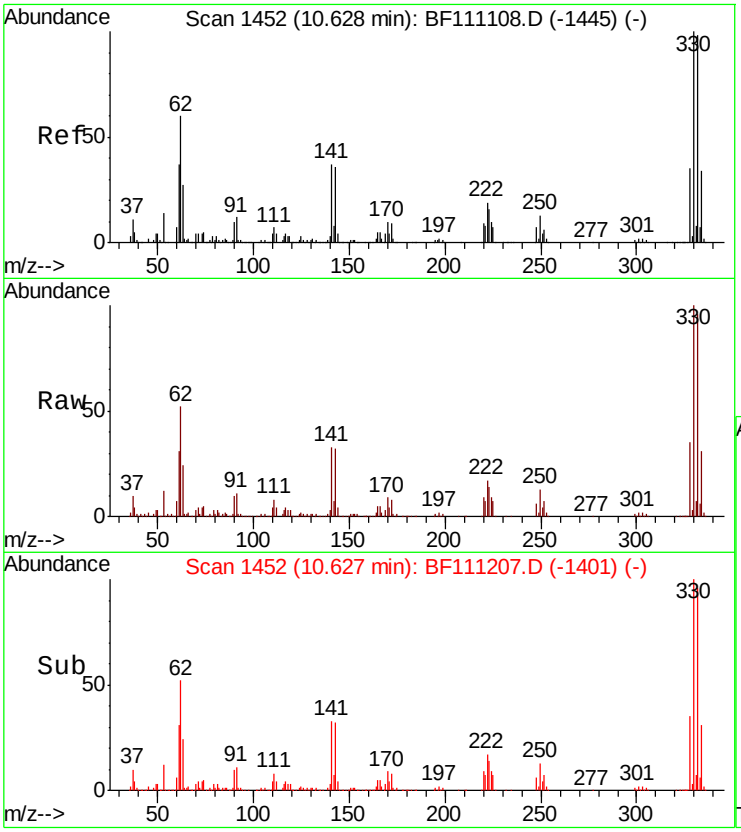


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Tgt Ion:164 Resp: 771794

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	120.8
160	44.0	35.5	53.3



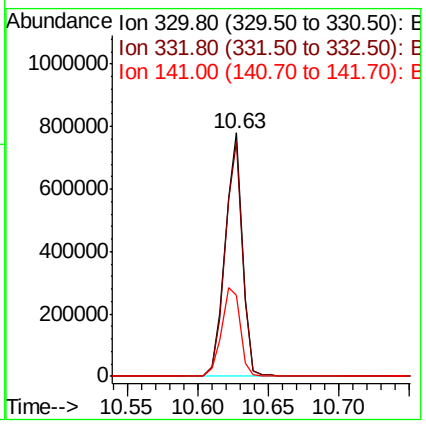


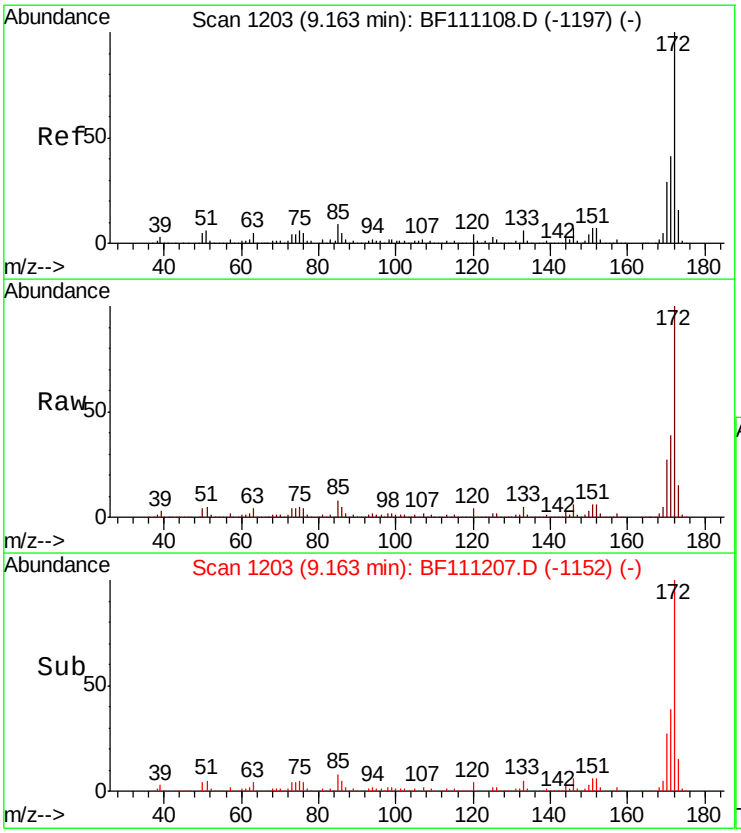
#42
2,4,6-Tribromophenol
Concen: 107.992 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
AU-2-120618

Tgt Ion:330 Resp: 662520

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	39.8	36.1	54.1

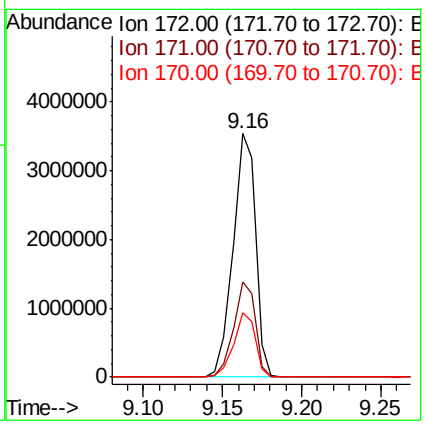


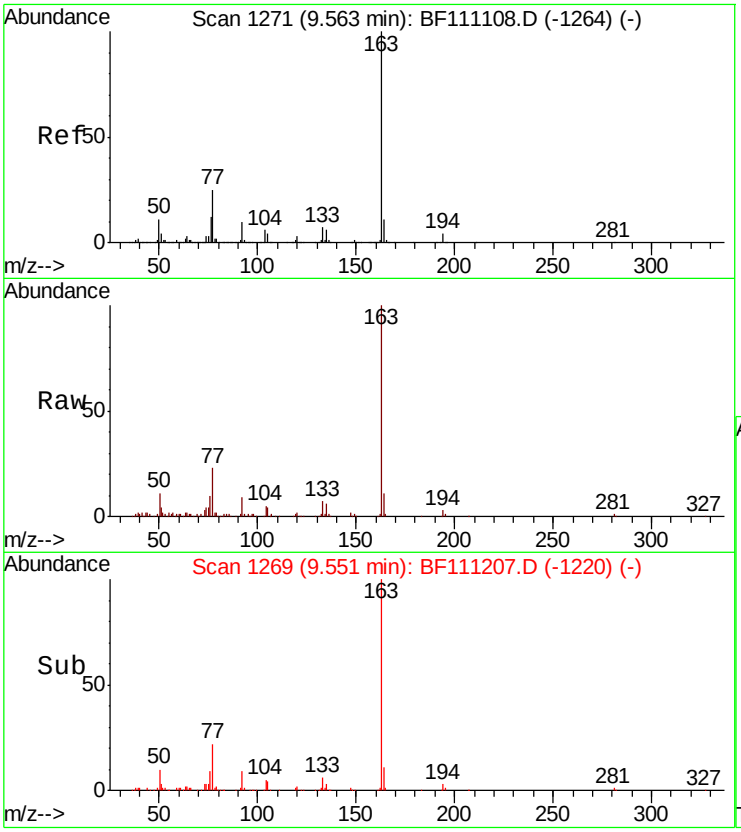


#45
2-Fluorobiphenyl
Concen: 83.414 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Tgt Ion:172 Resp: 3489107

Ion	Ratio	Lower	Upper
172	100		
171	38.9	33.2	49.8
170	26.6	22.9	34.3



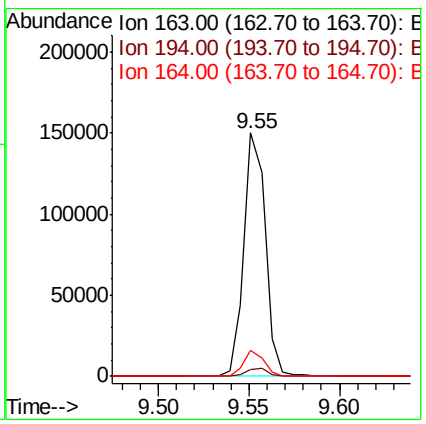


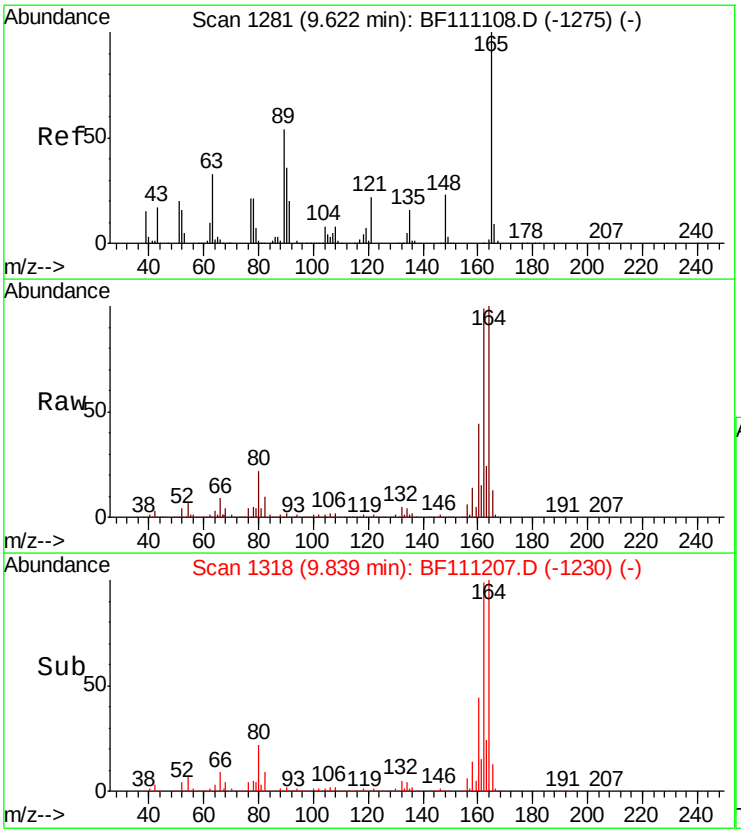
#50
Dimethylphthalate
Concen: 2.313 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
AU-2-120618

Tgt Ion:163 Resp: 124241

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.0	4.4#
164	10.9	8.9	13.3

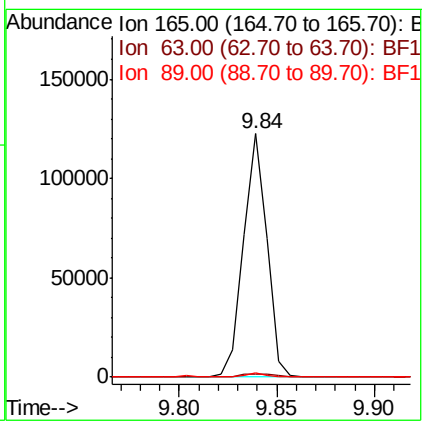


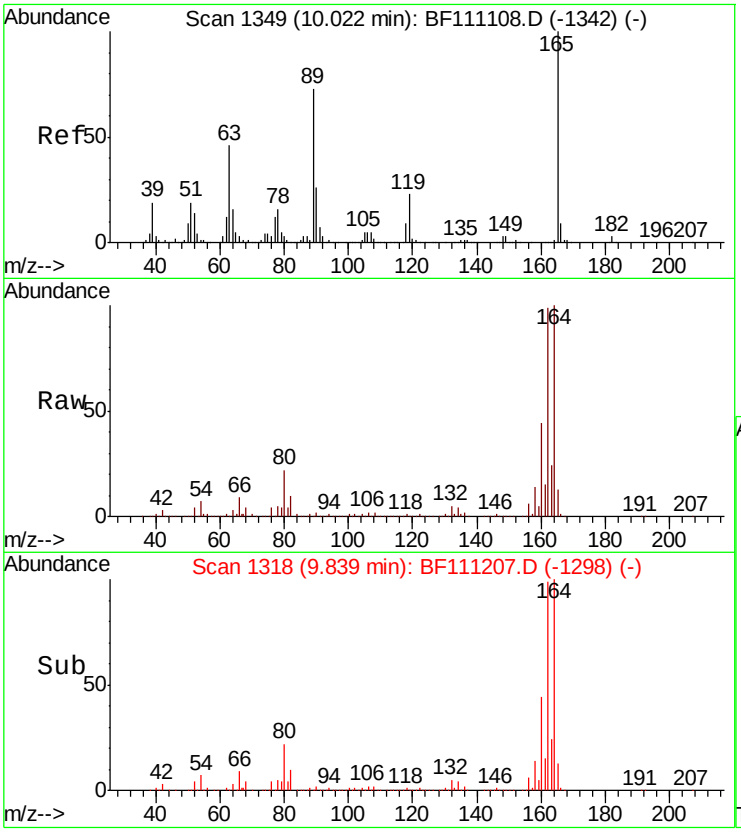


#51
2,6-Dinitrotoluene
Concen: 8.980 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Tgt Ion:165 Resp: 102268

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.7	43.0	64.4#



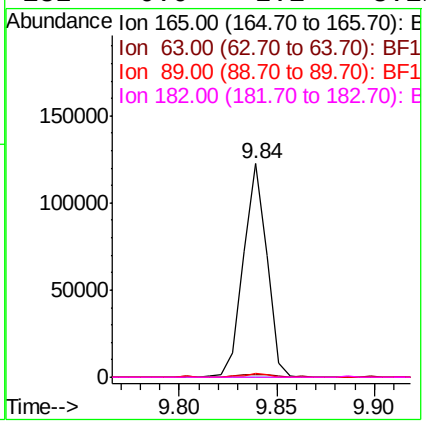


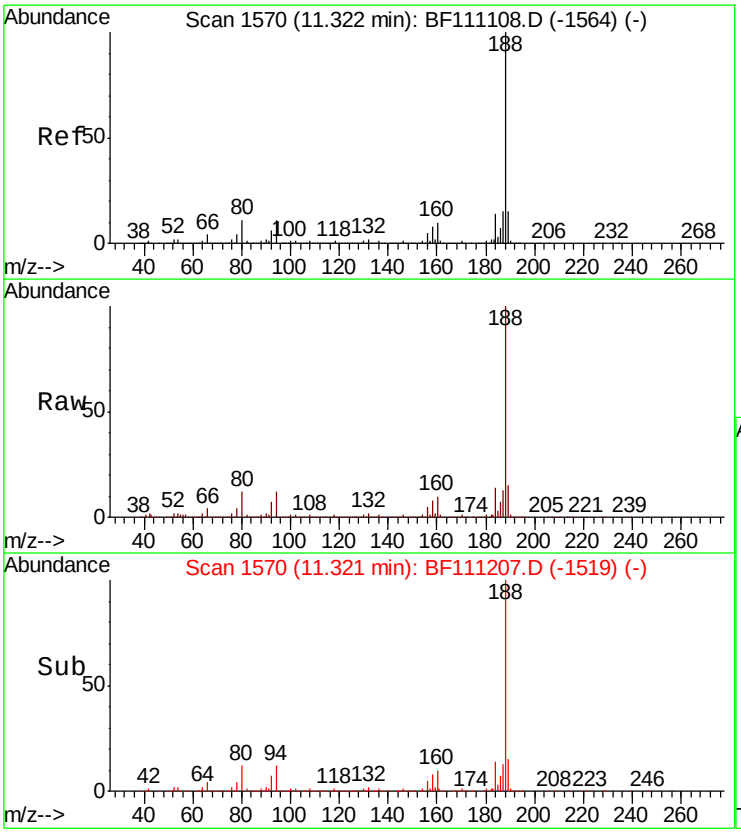
#57
2,4-Dinitrotoluene
Concen: 6.953 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
AU-2-120618

Tgt Ion:165 Resp: 102268

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.7	58.4	87.6#
182	0.0	2.1	3.1#

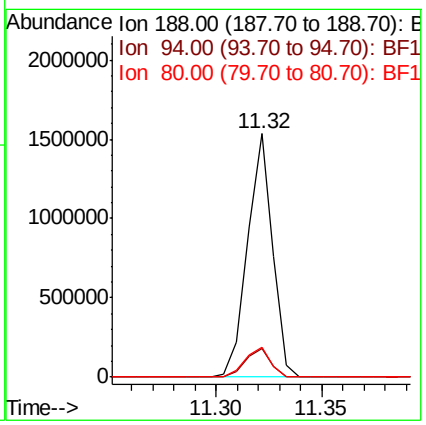


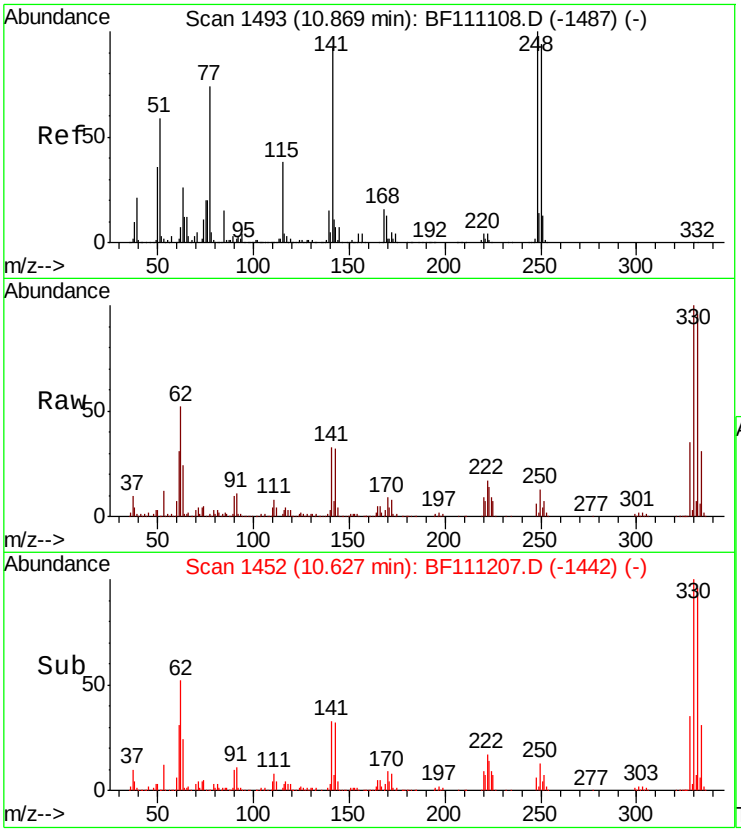


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Tgt Ion:188 Resp: 1257985

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.2	9.0	13.6



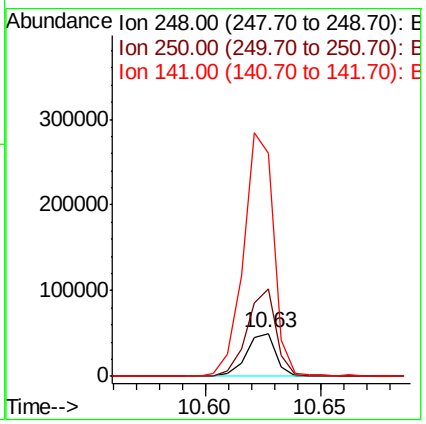


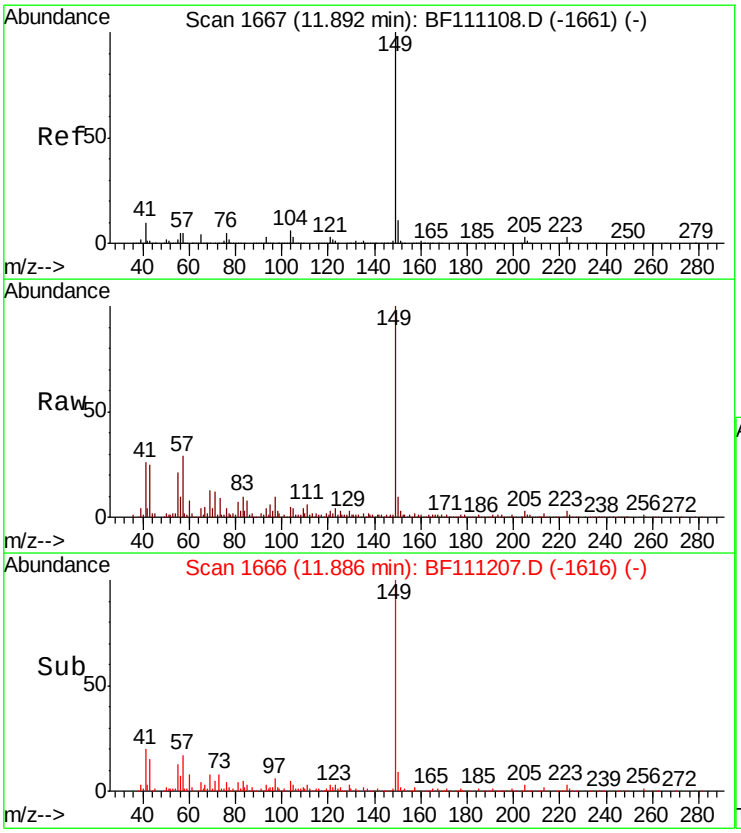
#67
4-Bromophenyl-phenylether
Concen: 3.365 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
AU-2-120618

Tgt Ion:248 Resp: 44804

Ion	Ratio	Lower	Upper
248	100		
250	206.5	75.4	113.0#
141	522.8	73.8	110.6#

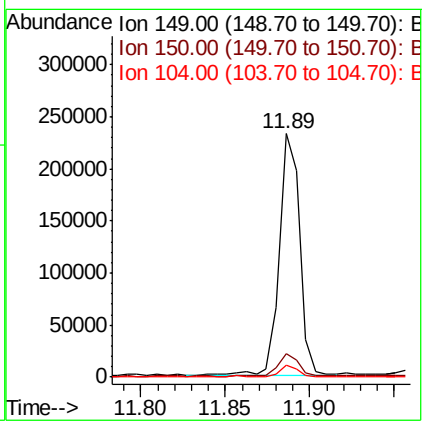


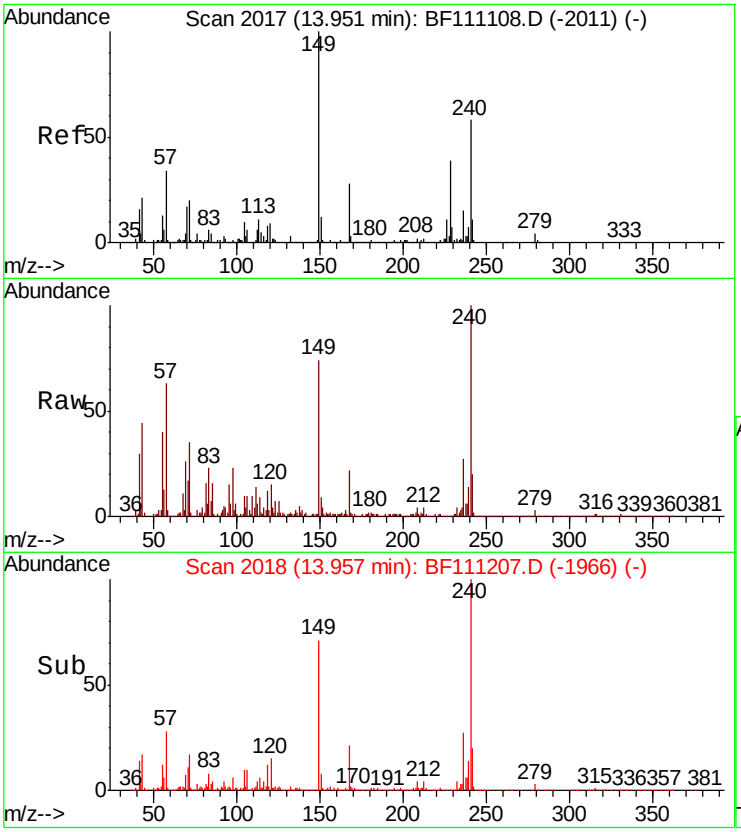


#74
Di-n-butylphthalate
Concen: 2.641 ng
RT: 11.89 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Tgt Ion:149 Resp: 196201

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.6	12.8
104	4.7	4.5	6.7



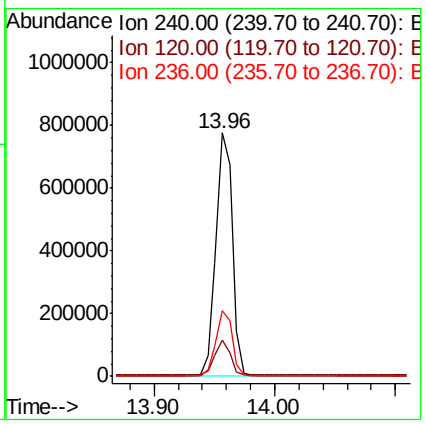


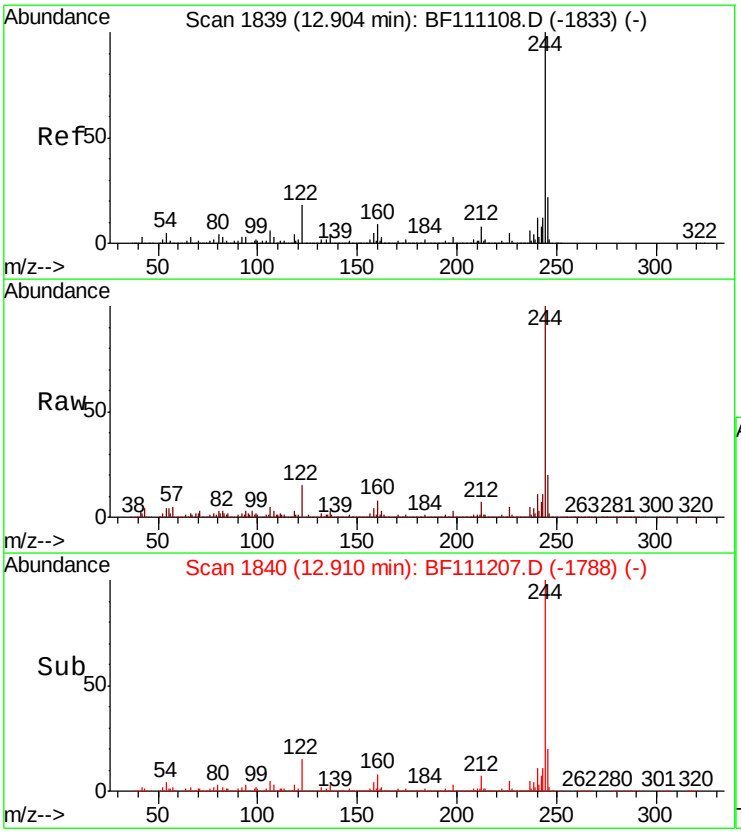
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
AU-2-120618

Tgt Ion:240 Resp: 724069

Ion	Ratio	Lower	Upper
240	100		
120	15.0	12.8	19.2
236	26.8	21.1	31.7

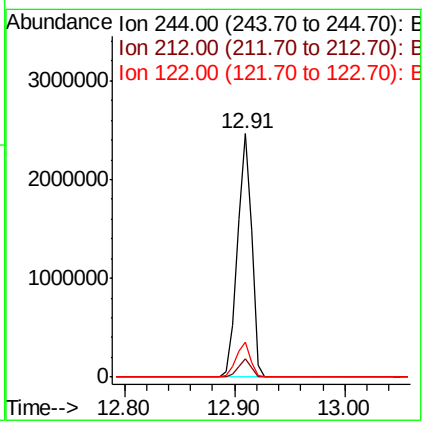


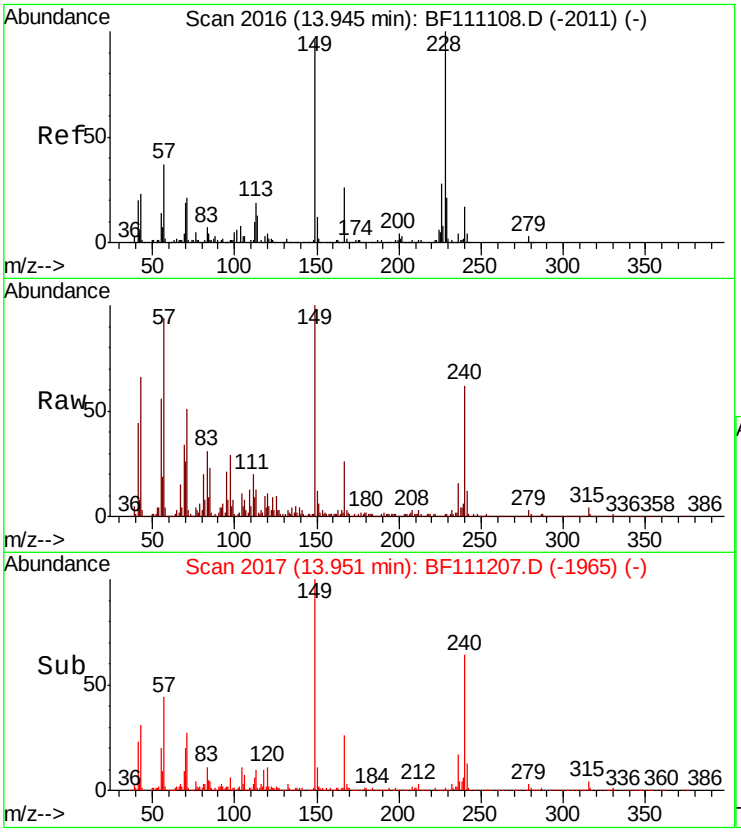


#79
Terphenyl-d14
Concen: 62.639 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Tgt Ion:244 Resp: 2214595

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	9.8
122	14.6	14.2	21.2



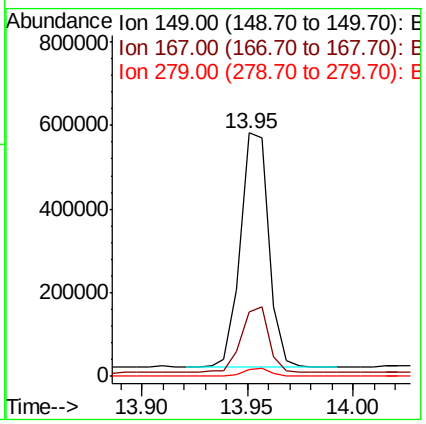


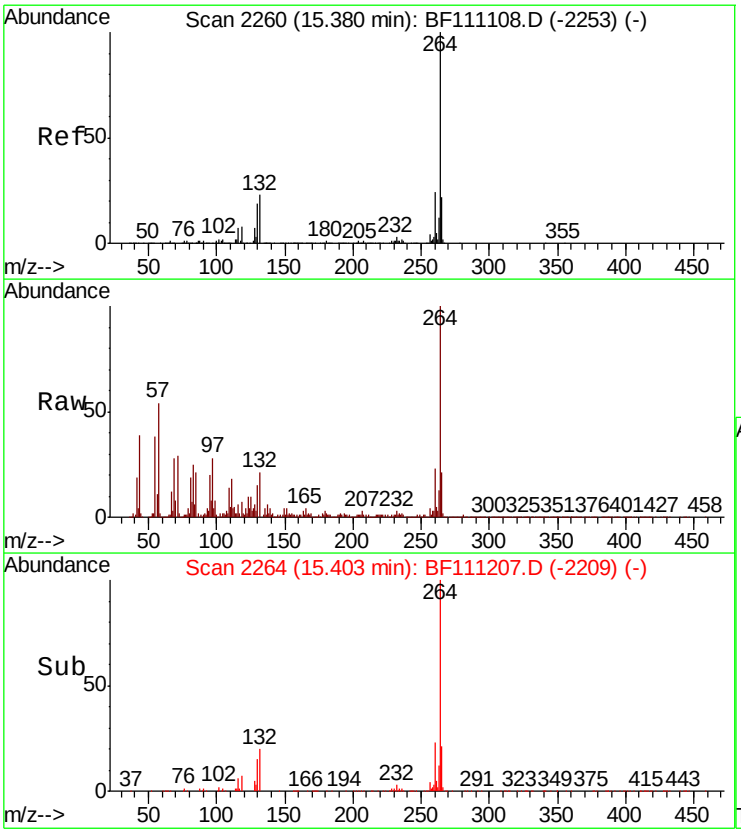
#84
Bis(2-ethylhexyl)phthalate
Concen: 15.821 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
AU-2-120618

Tgt Ion:149 Resp: 520750

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.6	32.4
279	2.8	2.3	3.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111207.D
Acq: 8 Dec 2018 1:07

Tgt Ion:264 Resp: 798161

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	21.1	17.4	26.0