Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111212.D
Acq On : 8 Dec 2018 3:23
Operator : JU/SJ
Sample : J6255-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 120518-TIPC-E-U-M

Quant Time: Dec 08 04:54:10 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	422911	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1664368	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	588902	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	859256	20.00	ng		0.00
76) Chrysene-d12	13.96	240	896590	20.00	ng		0.00
87) Perylene-d12	15.39	264	633047	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1202100	44.36	ng		0.00
7) Phenol-d6	6.43	99	1012435	29.00	ng		0.00
23) Nitrobenzene-d5	7.37	82	2665254	94.81	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	436577	93.26	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	4244345	143.26	ng		0.00
79) Terphenyl-d14	12.91	244	3036574	69.36	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	3944	Below Cal		#	1
10) Phenol	6.44	94	197715	5.194	ng		90
19) n-Nitroso-di-n-propylamine	7.37	70	364295	15.527	ng	#	71
25) Isophorone	7.37	82	2657722	51.513	ng	#	65
51) 2,6-Dinitrotoluene	9.84	165	73521	8.461	ng	#	26
57) 2,4-Dinitrotoluene	9.84	165	73521	6.551	ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	28223	3.103	ng	#	1

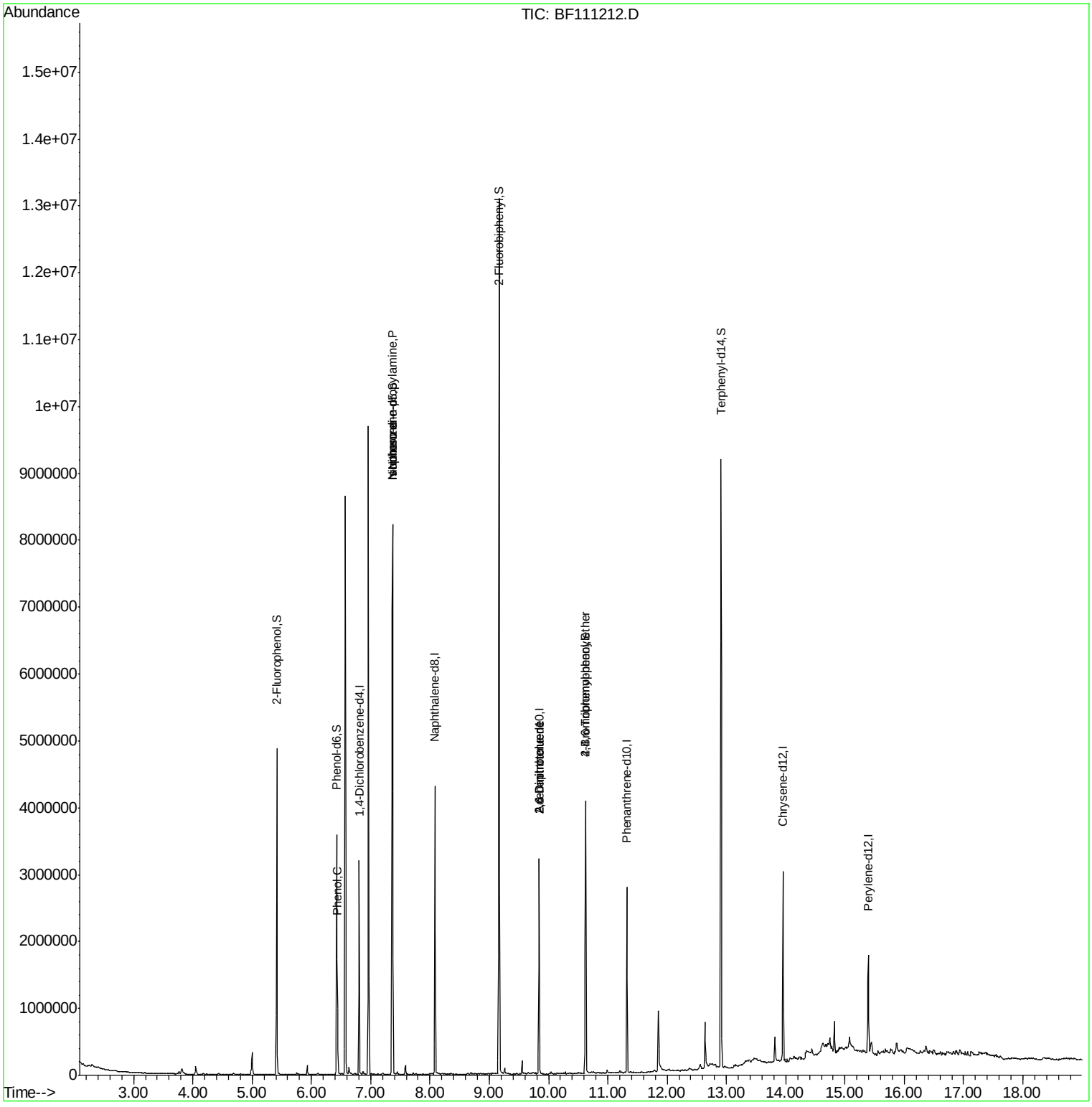
(#) = qualifier out of range (m) = manual integration (+) = signals summed

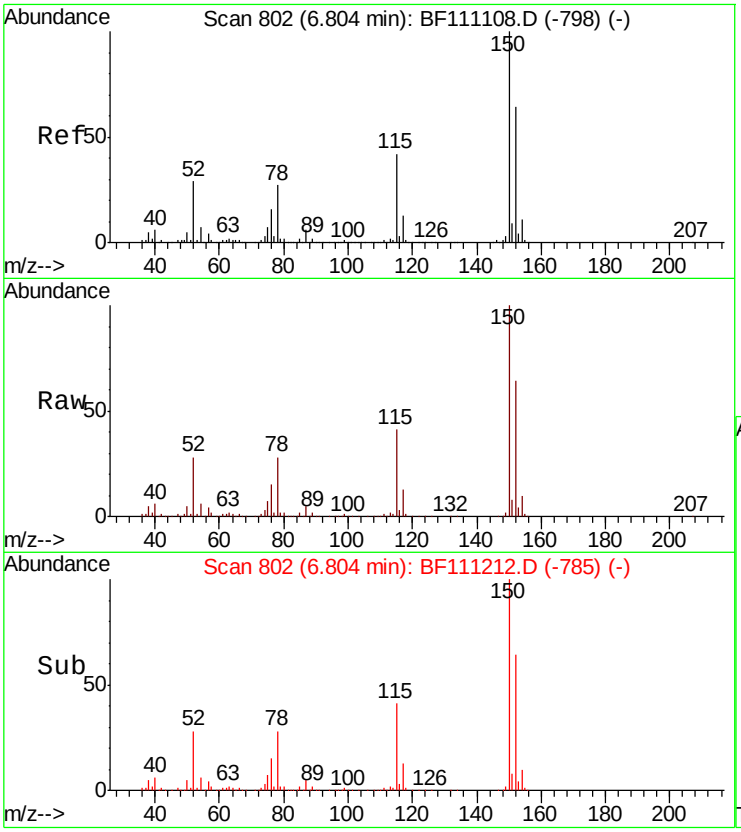
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
Data File : BF111212.D
Acq On : 8 Dec 2018 3:23
Operator : JU/SJ
Sample : J6255-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Quant Time: Dec 08 04:54:10 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



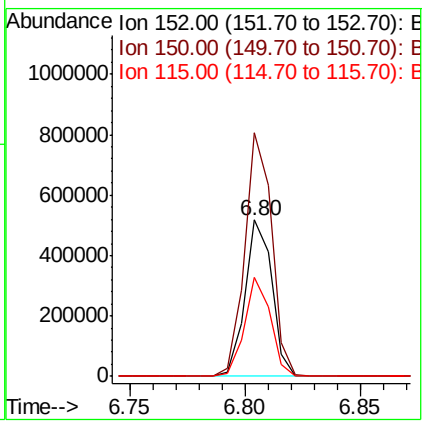


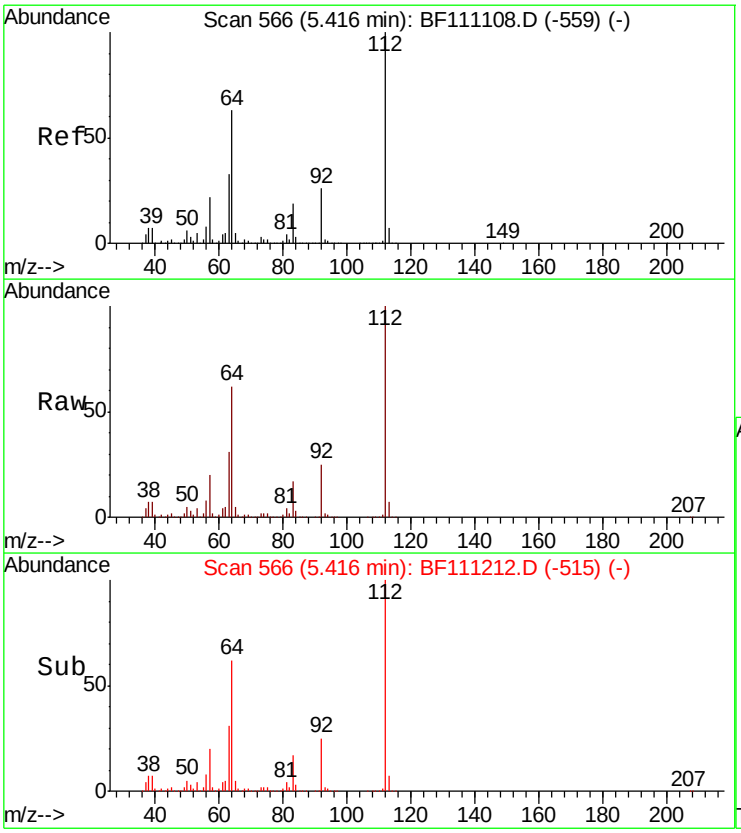
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion:152 Resp: 422911

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	187.0
115	63.3	52.2	78.2

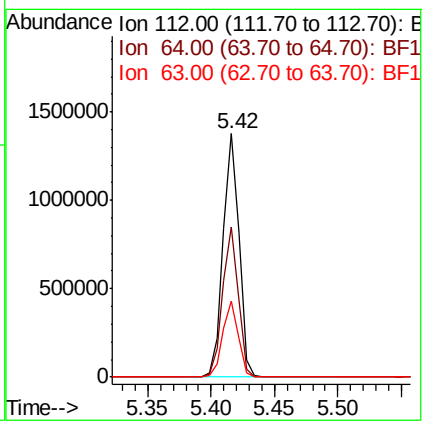


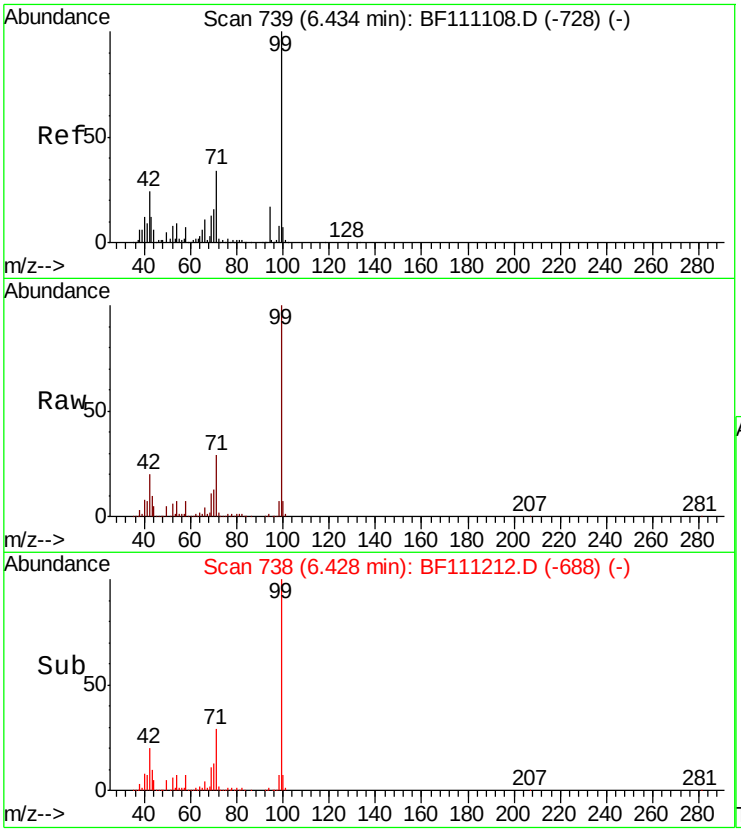


#5
2-Fluorophenol
Concen: 44.355 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion:112 Resp: 1202100

Ion	Ratio	Lower	Upper
112	100		
64	61.6	50.2	75.4
63	31.4	26.6	39.8



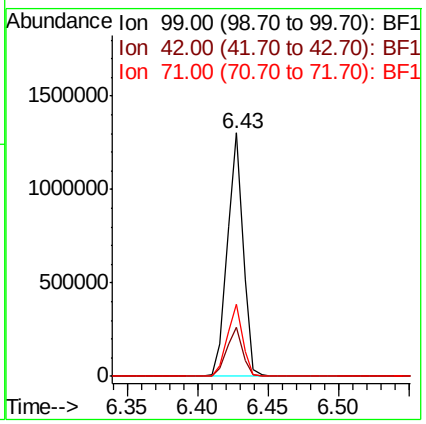


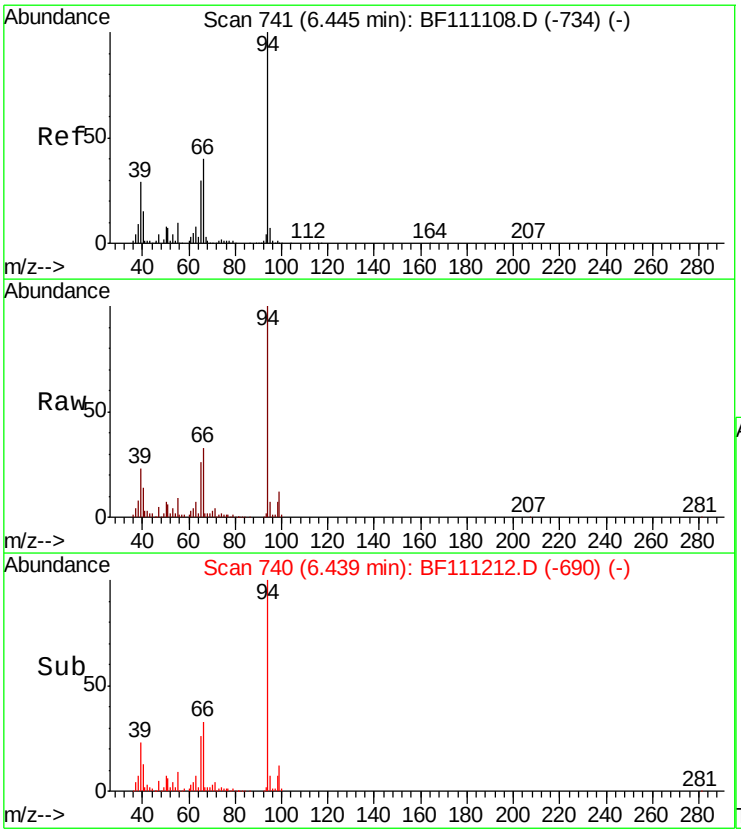
#7
Phenol-d6
Concen: 29.000 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion: 99 Resp: 1012435

Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.3	28.9
71	29.4	27.4	41.2

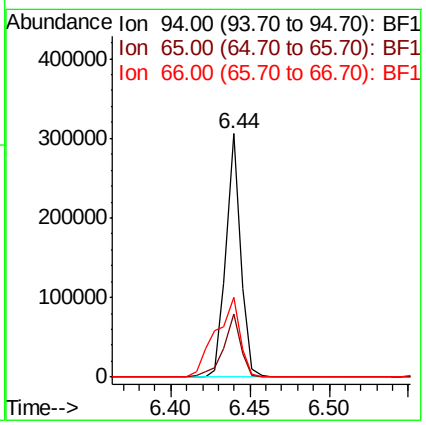


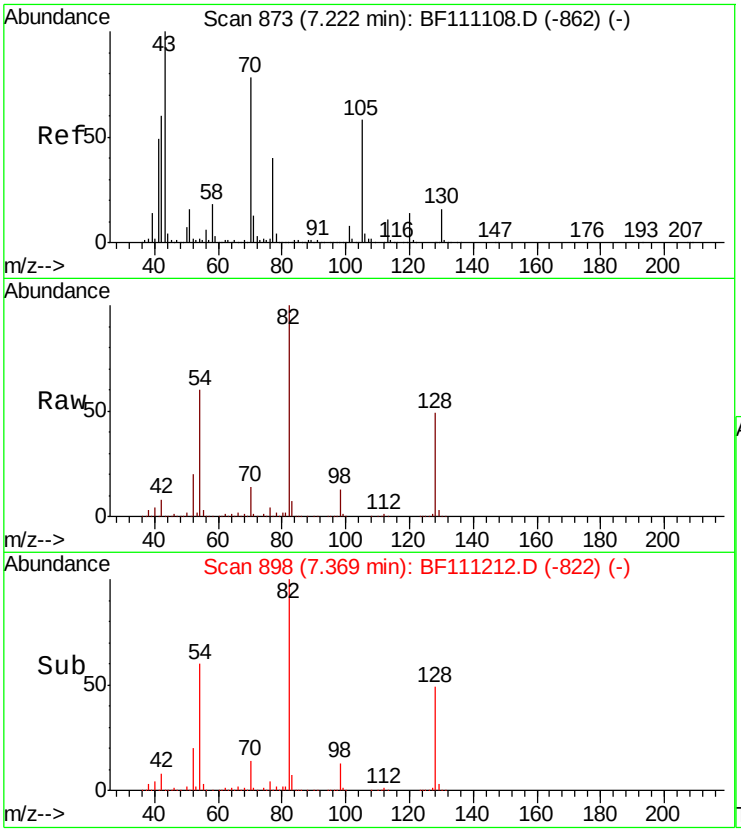


#10
Phenol
Concen: 5.194 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion: 94 Resp: 197715

Ion	Ratio	Lower	Upper
94	100		
65	26.1	10.5	50.5
66	33.0	19.8	59.8



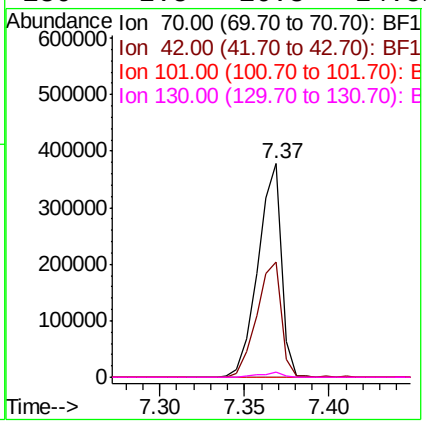


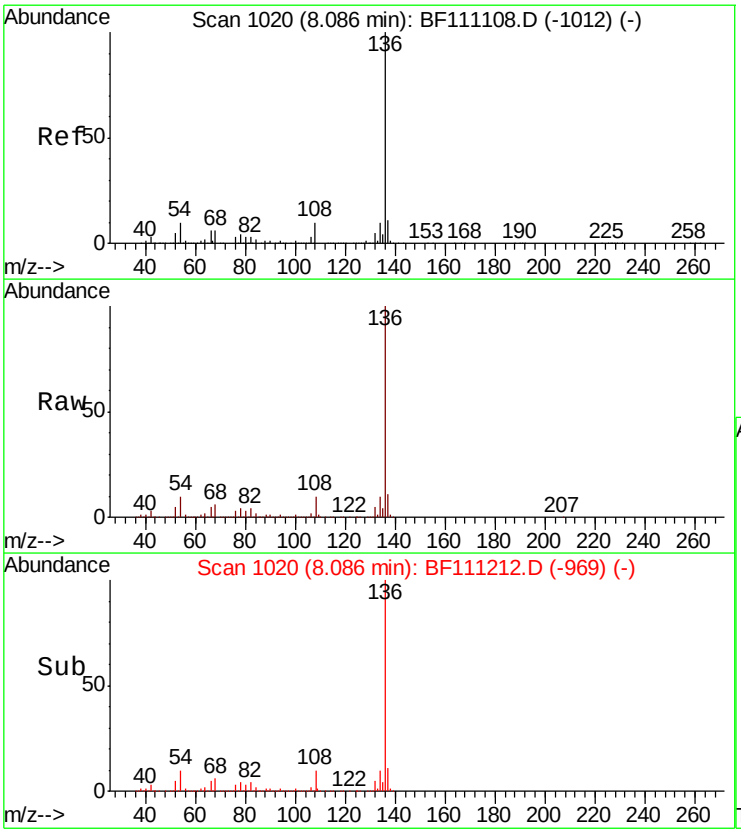
#19
n-Nitroso-di-n-propylamine
Concen: 15.527 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion: 70 Resp: 364295

Ion	Ratio	Lower	Upper
70	100		
42	53.9	61.3	91.9#
101	0.0	7.7	11.5#
130	2.5	16.3	24.5#

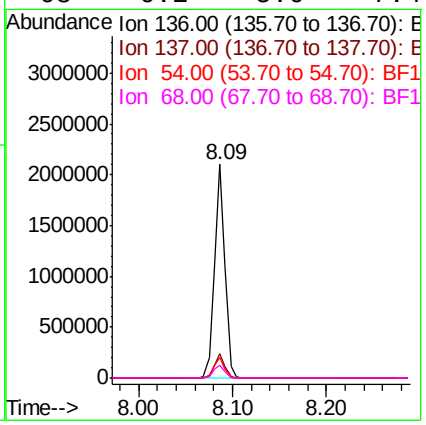


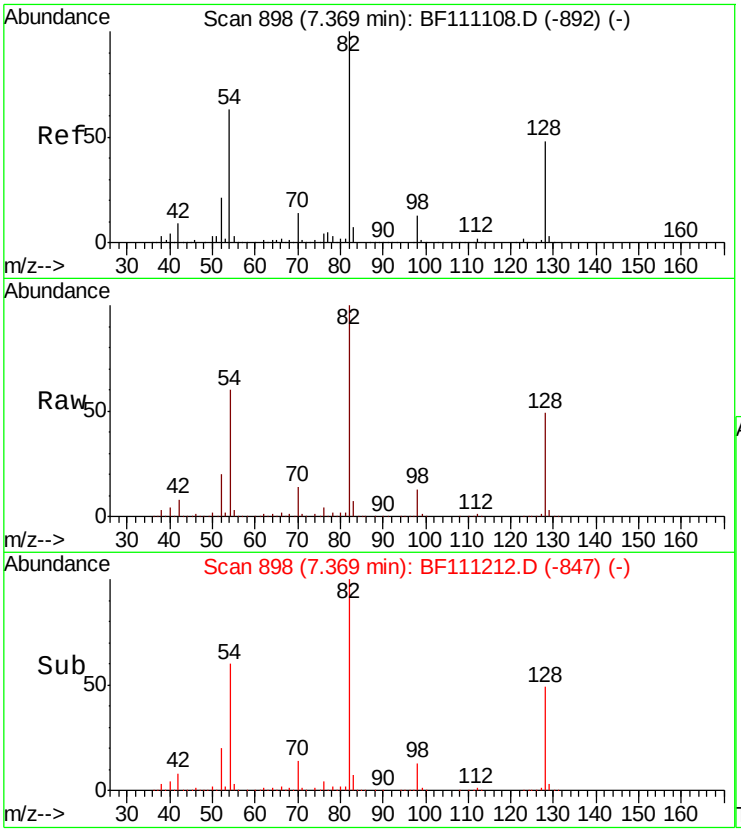


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion:136 Resp: 1664368

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.9	8.4	12.6
68	6.2	5.0	7.4



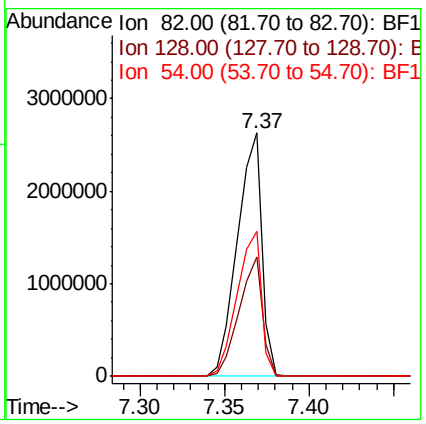


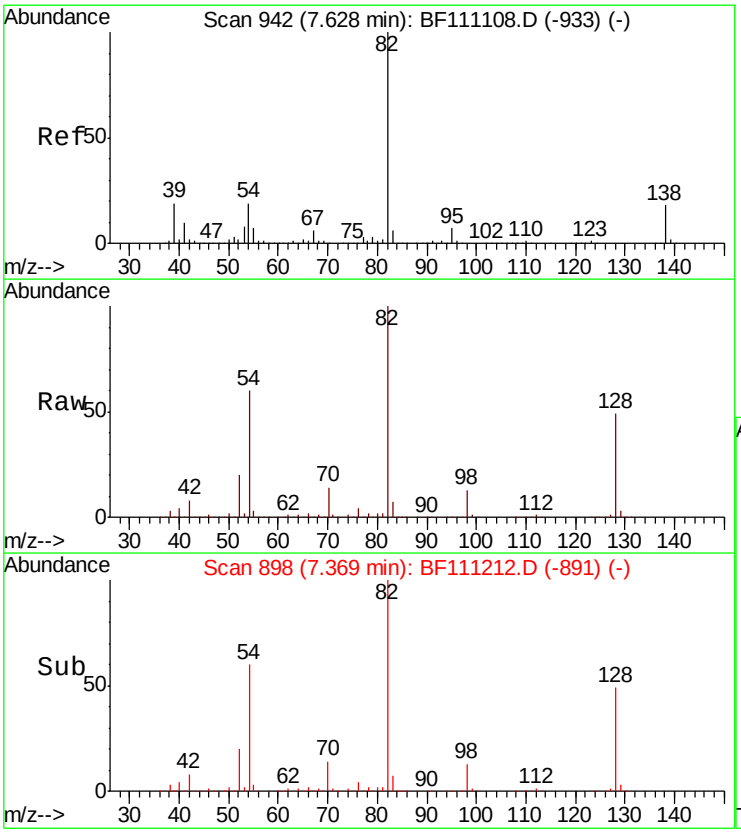
#23
Nitrobenzene-d5
Concen: 94.806 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion: 82 Resp: 2665254

Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.1	57.1
54	59.7	50.3	75.5

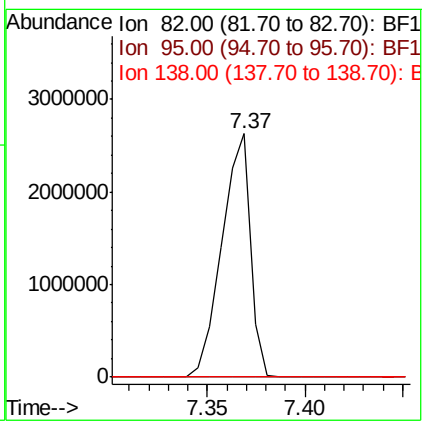


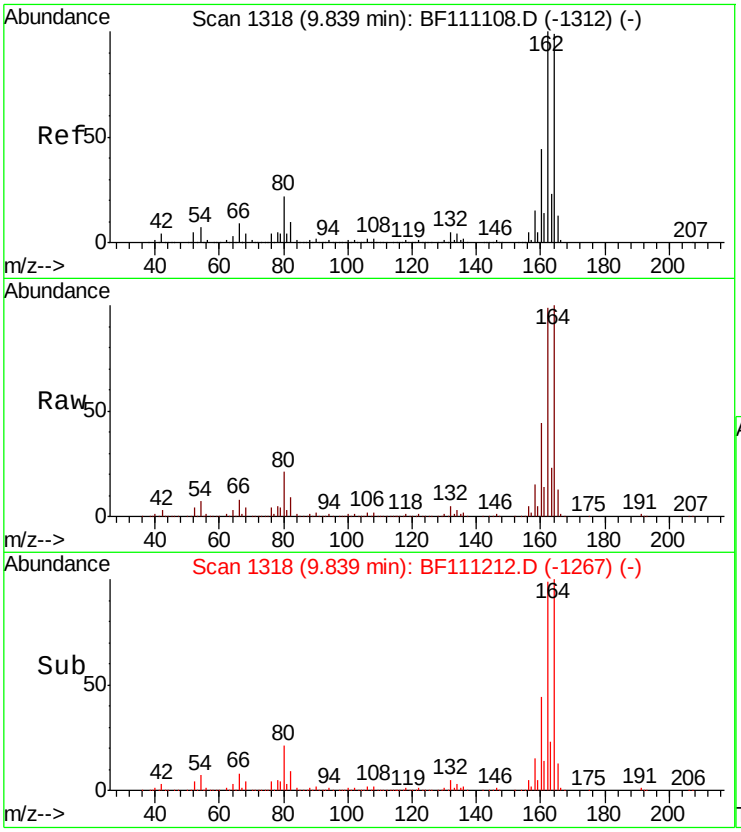


#25
Isophorone
Concen: 51.513 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion: 82 Resp: 2657722

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



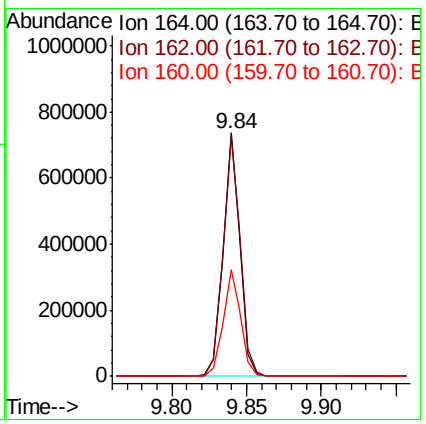


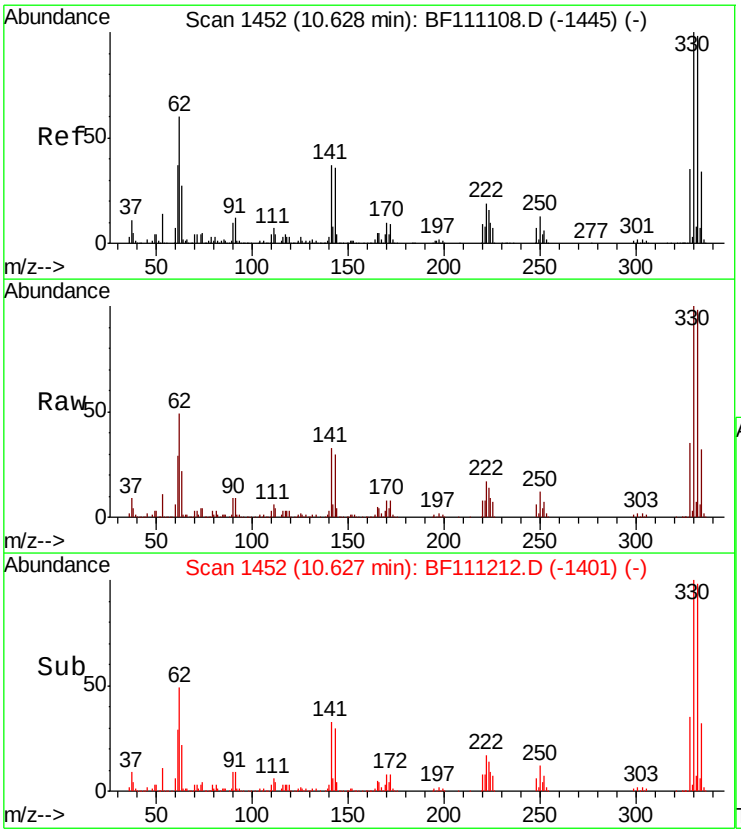
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion:164 Resp: 588902

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	120.8
160	43.9	35.5	53.3

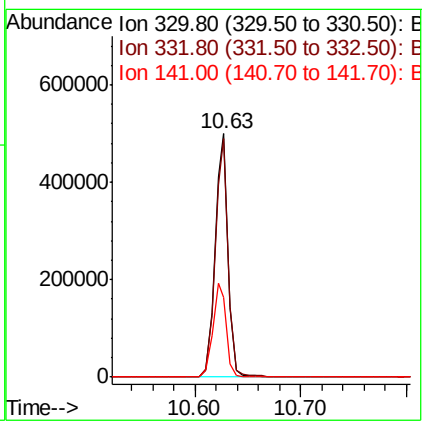


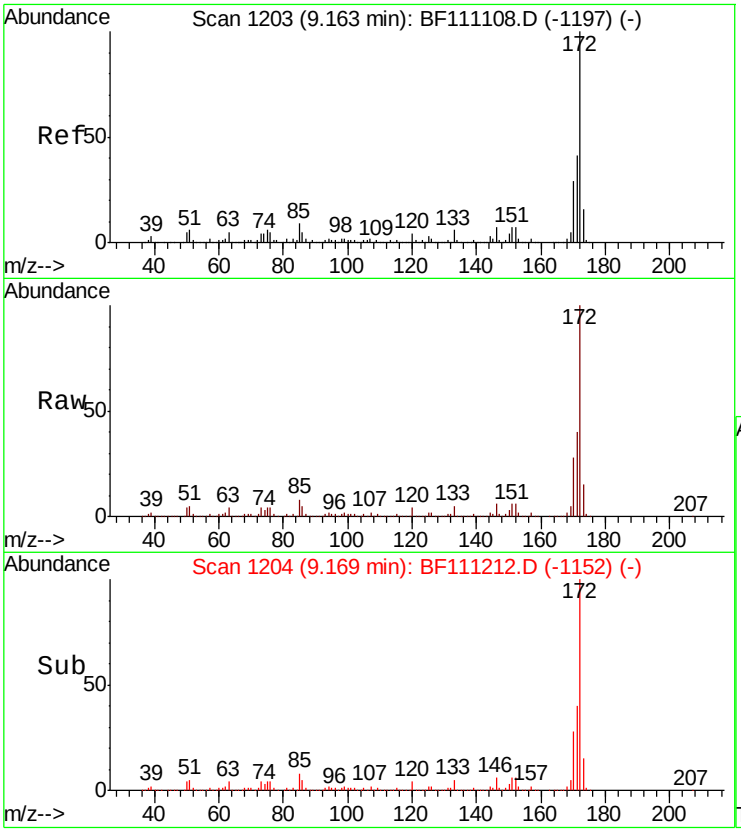


#42
2,4,6-Tribromophenol
Concen: 93.264 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion:330 Resp: 436577

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	40.1	36.1	54.1



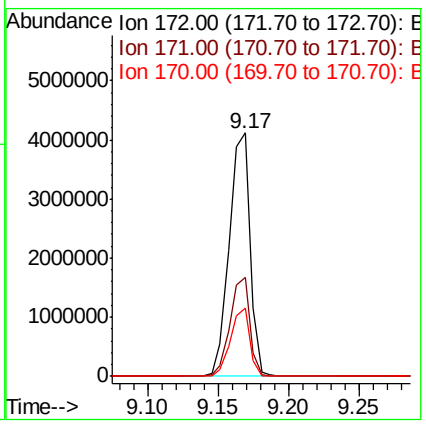


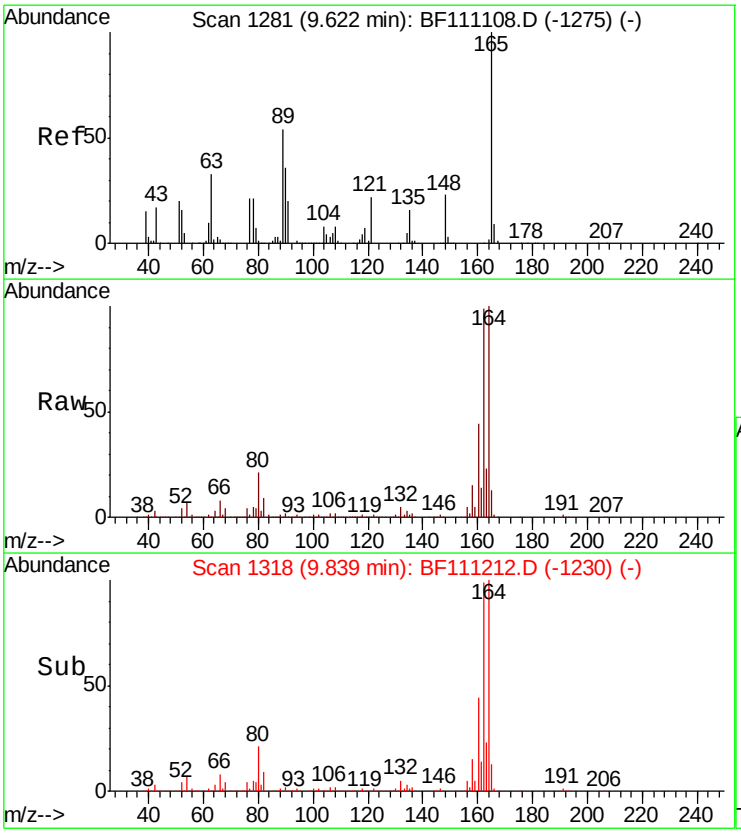
#45
2-Fluorobiphenyl
Concen: 143.263 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion:172 Resp: 4244345

Ion	Ratio	Lower	Upper
172	100		
171	40.5	33.2	49.8
170	27.9	22.9	34.3

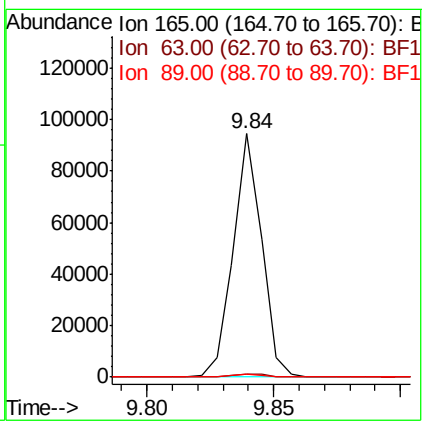


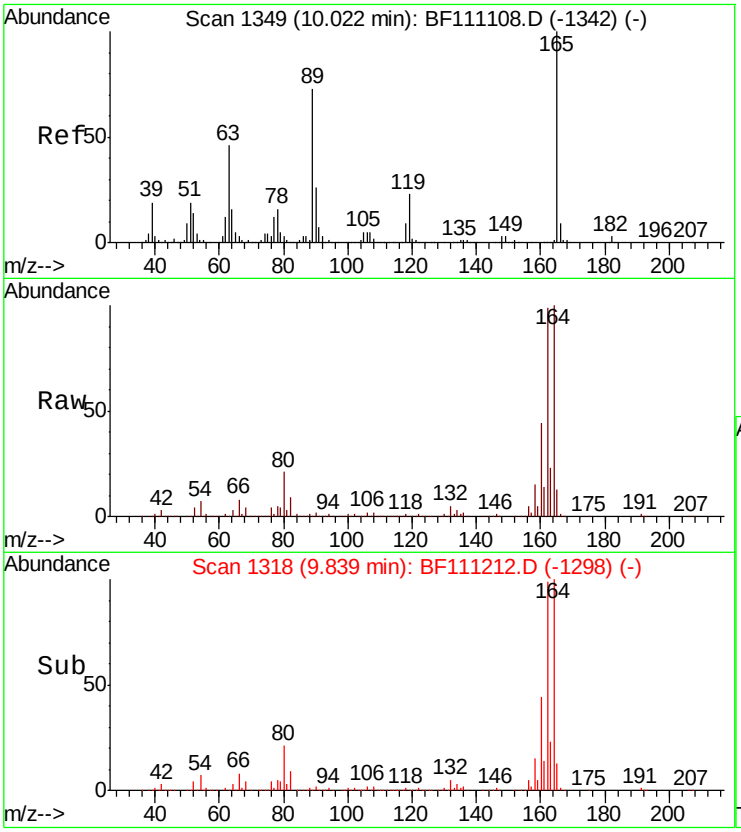


#51
2,6-Dinitrotoluene
Concen: 8.461 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion:165 Resp: 73521

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.2	43.0	64.4#



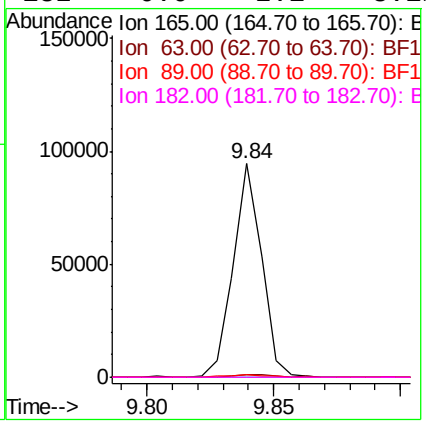


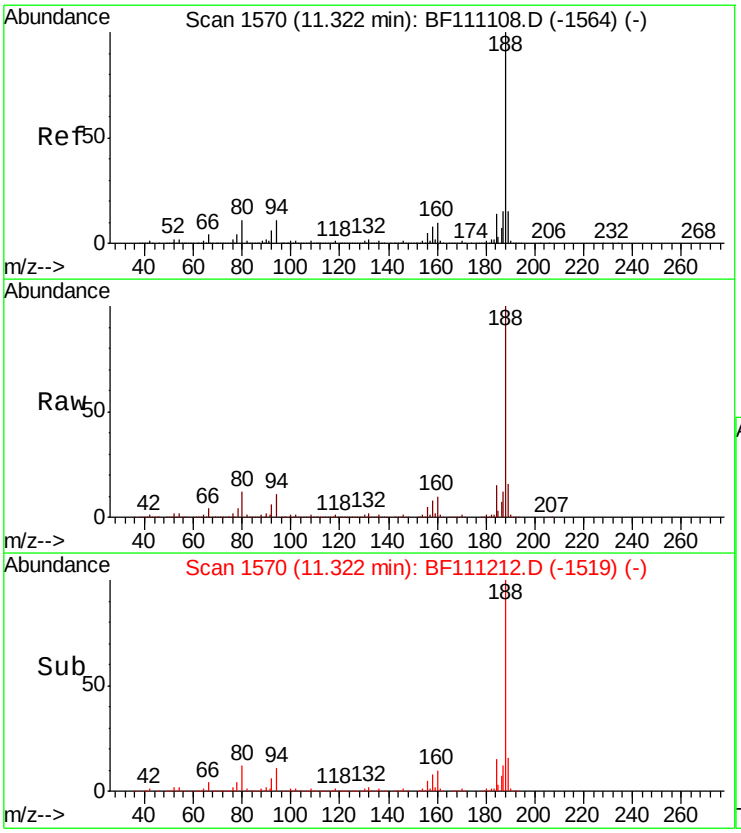
#57
2,4-Dinitrotoluene
Concen: 6.551 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion:165 Resp: 73521

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.2	58.4	87.6#
182	0.0	2.1	3.1#

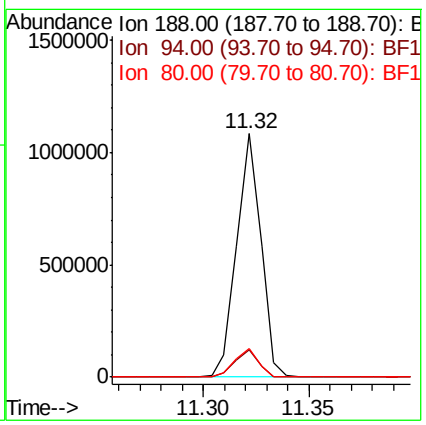


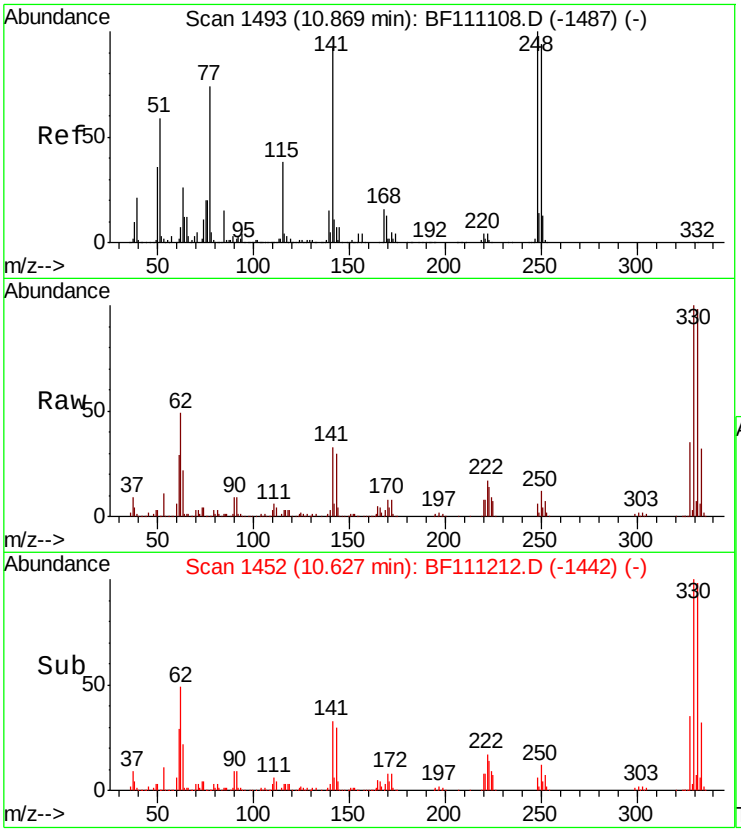


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion:188 Resp: 859256

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.6	9.0	13.6



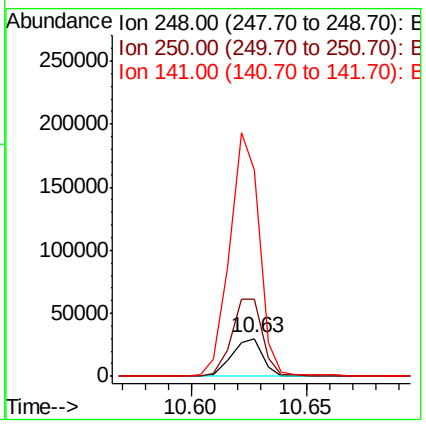


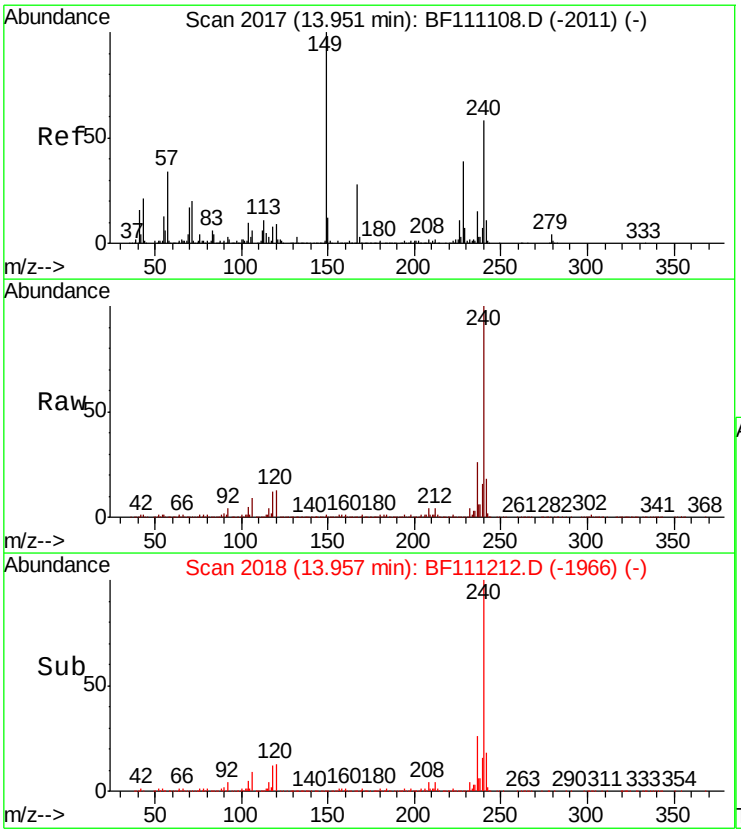
#67
4-Bromophenyl-phenylether
Concen: 3.103 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion:248 Resp: 28223

Ion	Ratio	Lower	Upper
248	100		
250	204.1	75.4	113.0#
141	547.5	73.8	110.6#

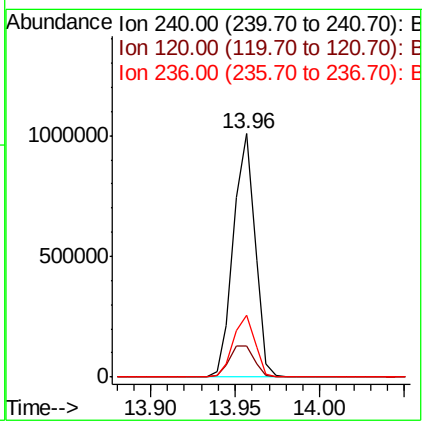


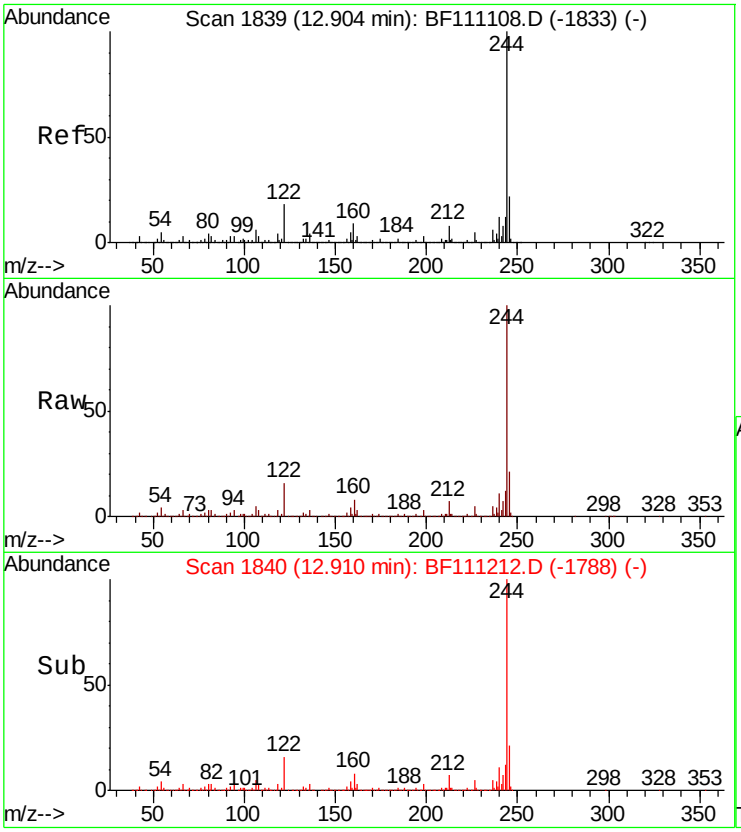


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion:240 Resp: 896590

Ion	Ratio	Lower	Upper
240	100		
120	13.0	12.8	19.2
236	25.6	21.1	31.7



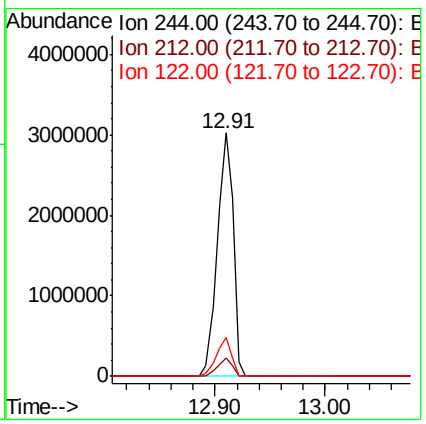


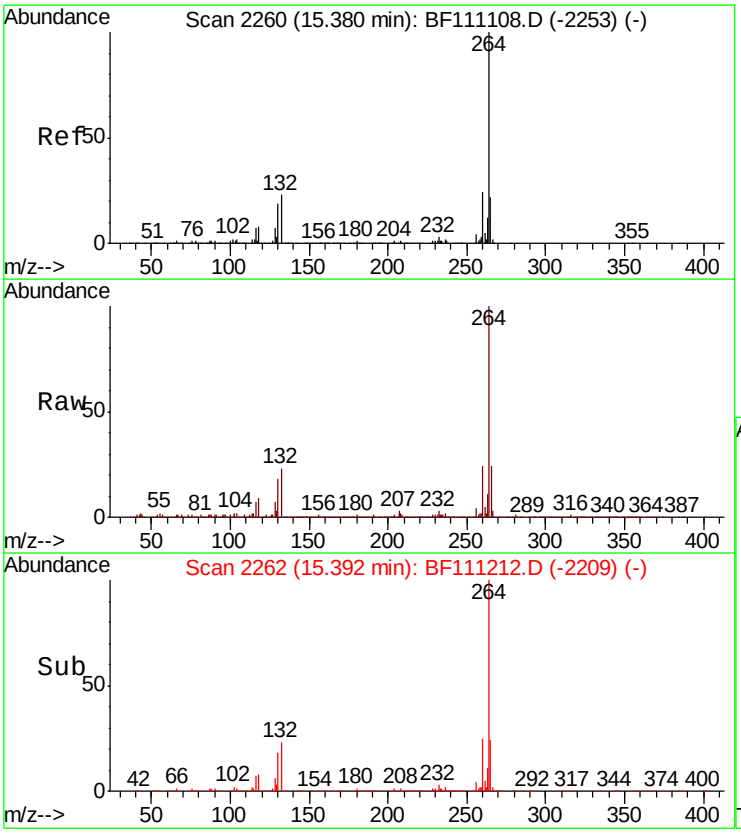
#79
Terphenyl-d14
Concen: 69.361 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion:244 Resp: 3036574

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	9.8
122	16.0	14.2	21.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion:264 Resp: 633047

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	23.7	17.4	26.0