Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\

Quantitation Report (Not Reviewed)

Data File : BF111450.D
Acq On : 15 Dec 2018 6:11
Operator : JU/SJ
Sample : J6326-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 120618-TIPC-E-U-M

Quant Time: Dec 15 23:33:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125545	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	469187	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	178708	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	305158	20.00	ng	0.00
76) Chrysene-d12	13.95	240	274256	20.00	ng	0.00
87) Perylene-d12	15.39	264	178951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	325153	43.10	ng	0.00
7) Phenol-d6	6.43	99	231600	23.08	ng	0.00
23) Nitrobenzene-d5	7.36	82	821278	104.24	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	139058	86.87	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1382784	119.52	ng	0.00
79) Terphenyl-d14	12.90	244	1218772	104.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	12896	2.119	ng	# 74
19) n-Nitroso-di-n-propylamine	7.36	70	107347	16.213	ng	# 78
25) Isophorone	7.36	82	821272	61.604	ng	# 64
50) Dimethylphthalate	9.55	163	31026	2.411	ng	99
51) 2,6-Dinitrotoluene	9.83	165	22491	7.764	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	22491	5.915	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	9301	2.828	ng	# 1

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

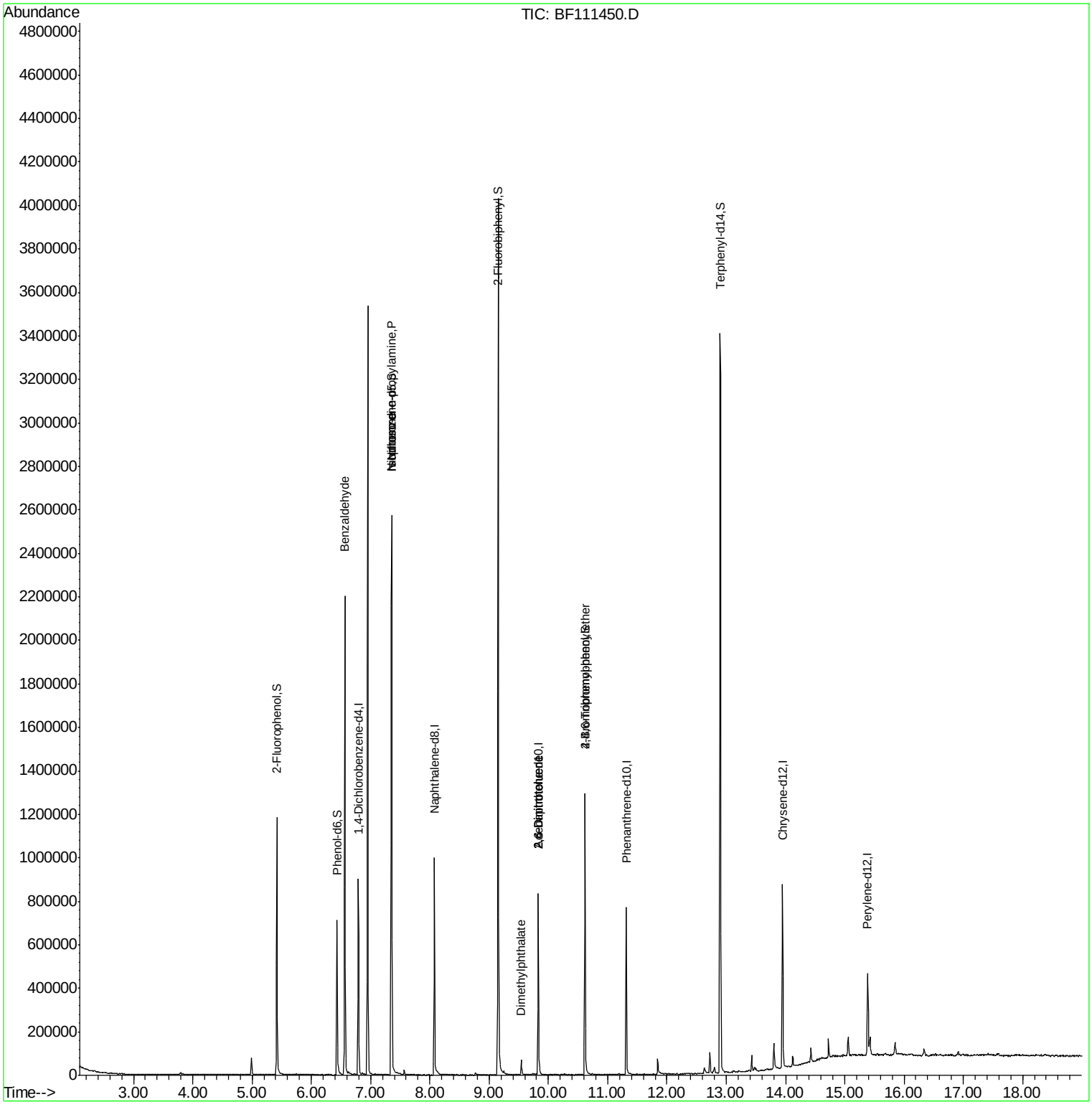
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\

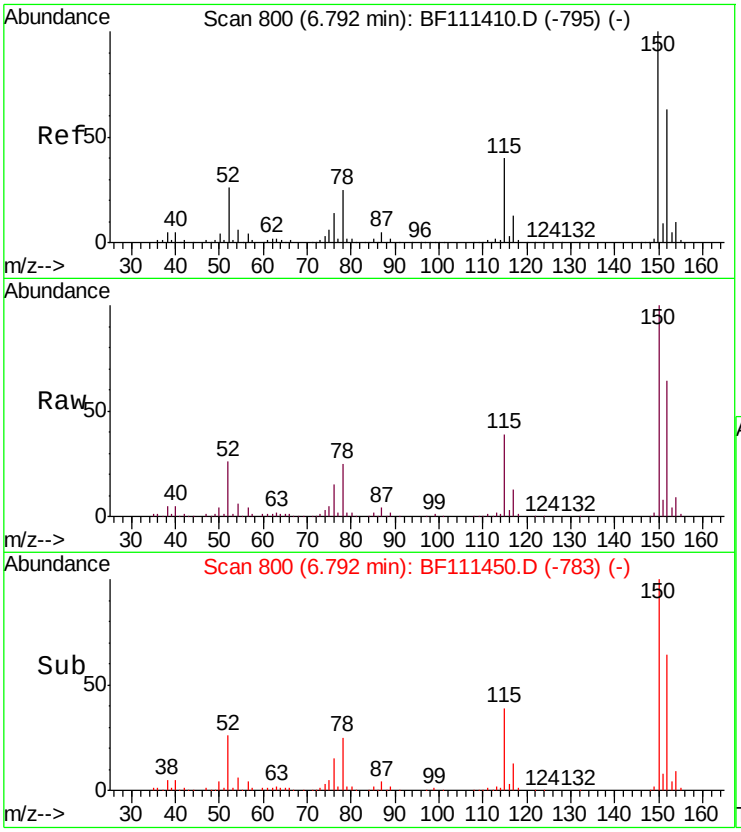
Quantitation Report (Not Reviewed)

Data File : BF111450.D
Acq On : 15 Dec 2018 6:11
Operator : JU/SJ
Sample : J6326-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Quant Time: Dec 15 23:33:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



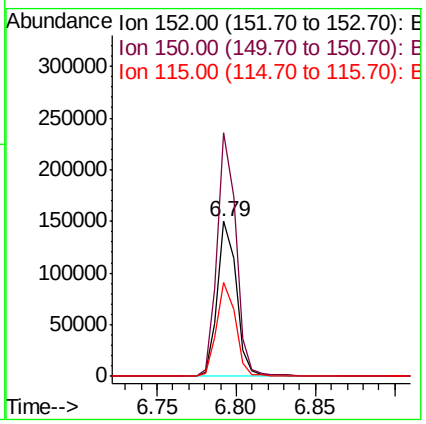


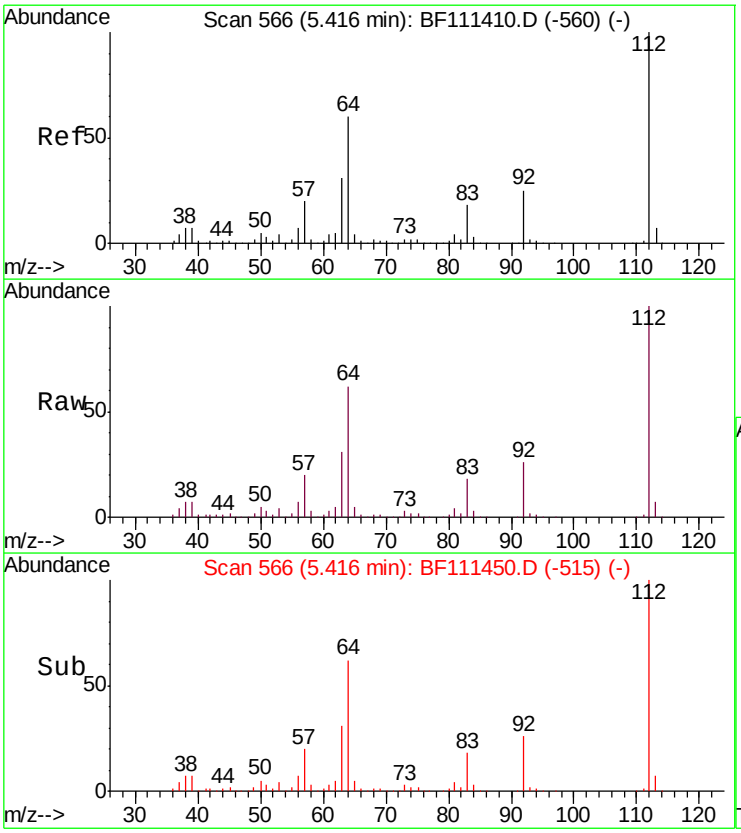
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Tgt Ion:152 Resp: 125545

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	60.9	50.7	76.1

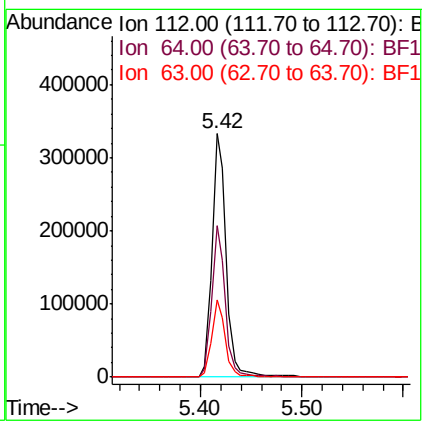


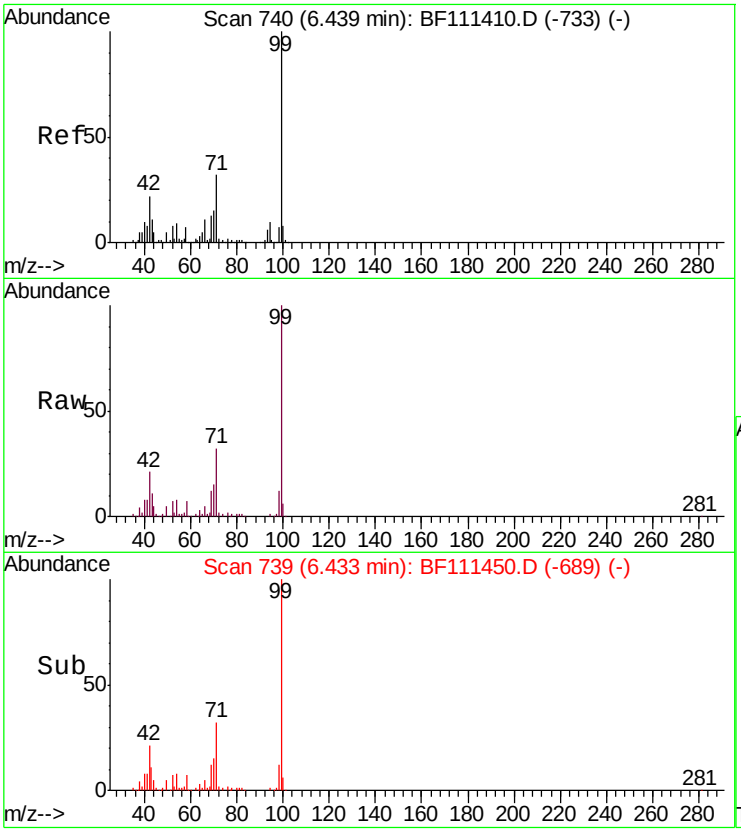


#5
2-Fluorophenol
Concen: 43.098 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Tgt Ion:112 Resp: 325153

Ion	Ratio	Lower	Upper
112	100		
64	62.2	51.8	77.6
63	31.5	26.8	40.2



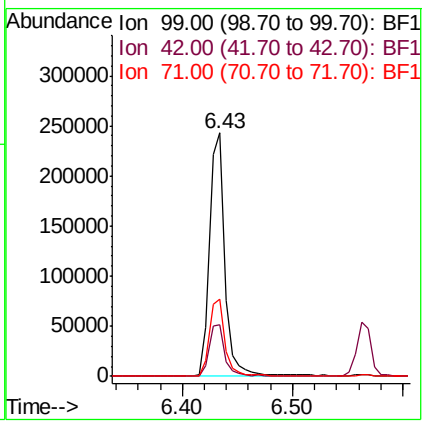


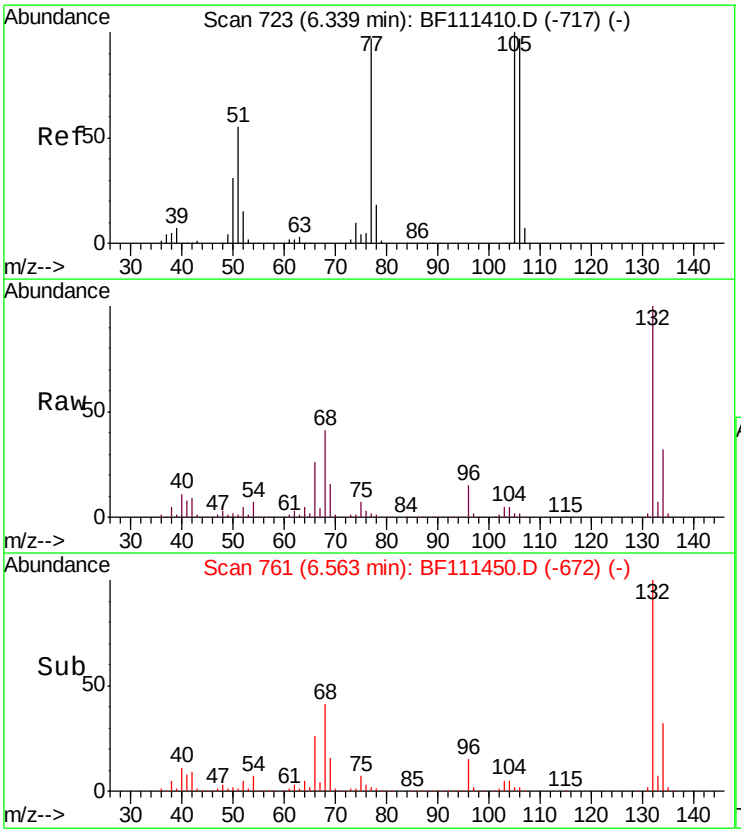
#7
Phenol-d6
Concen: 23.078 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Tgt Ion: 99 Resp: 231600

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.4	26.0
71	31.9	26.1	39.1

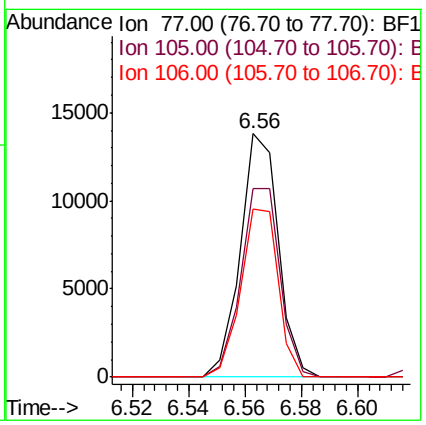


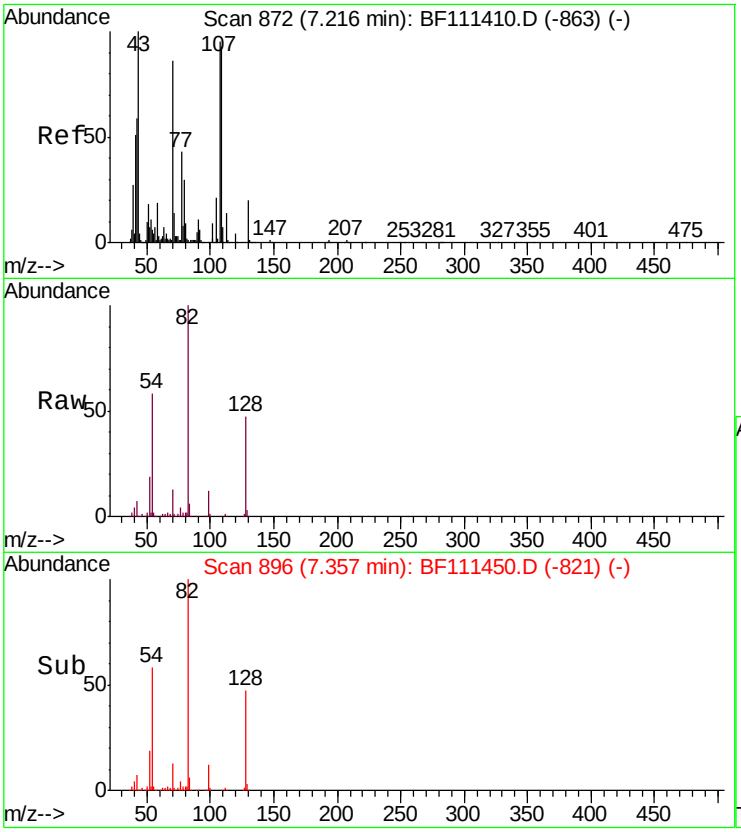


#9
Benzaldehyde
Concen: 2.119 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.22 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Tgt Ion: 77 Resp: 12896

Ion	Ratio	Lower	Upper
77	100		
105	77.5	81.4	121.4#
106	69.1	77.9	117.9#



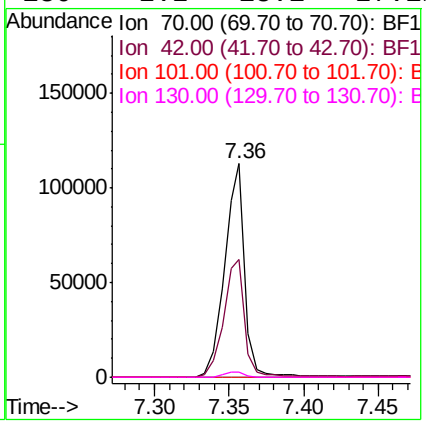


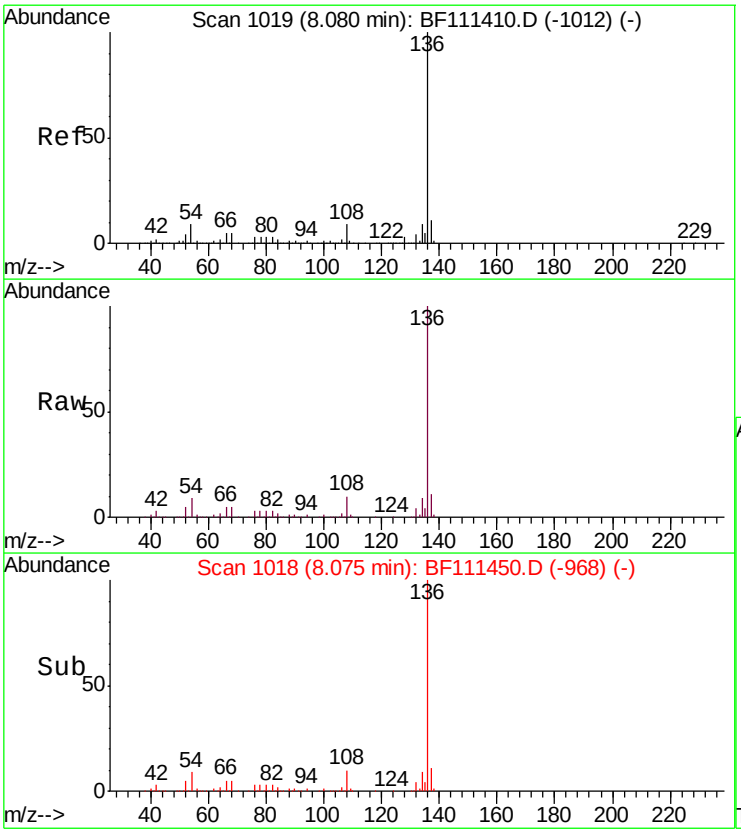
#19
n-Nitroso-di-n-propylamine
Concen: 16.213 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Tgt Ion: 70 Resp: 107347

Ion	Ratio	Lower	Upper
70	100		
42	55.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

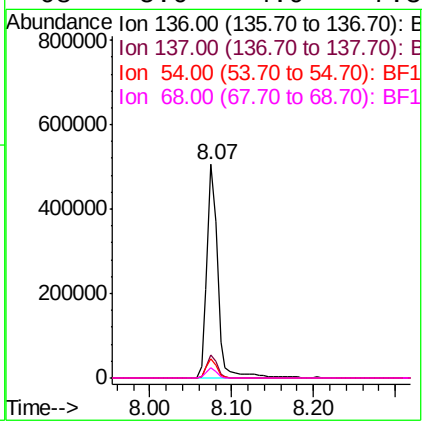


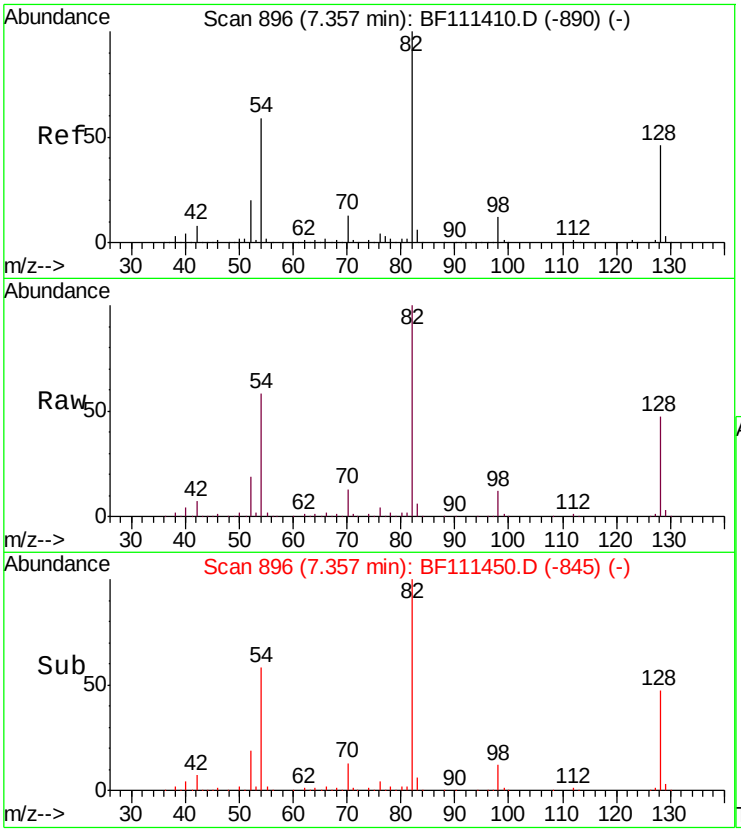


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Tgt Ion:136 Resp: 469187

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	9.1	7.7	11.5
68	5.0	4.9	7.3



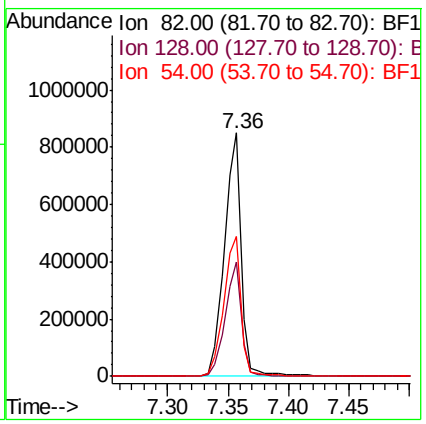


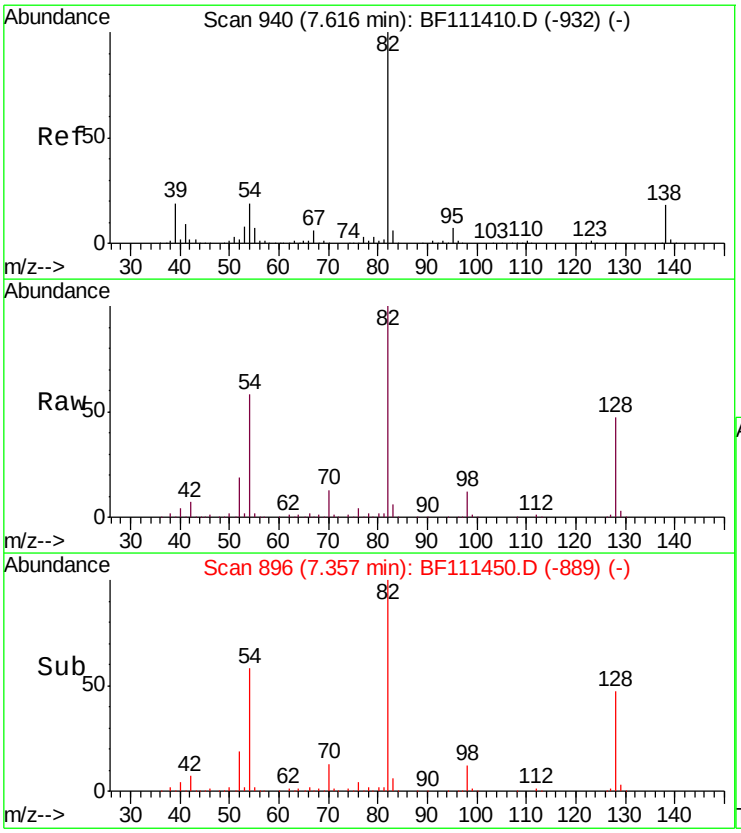
#23
Nitrobenzene-d5
Concen: 104.236 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Tgt Ion: 82 Resp: 821278

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.2
54	57.7	47.6	71.4

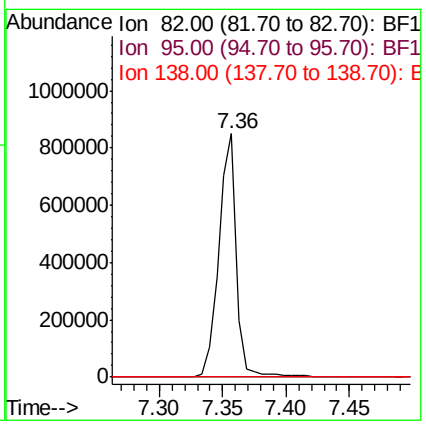


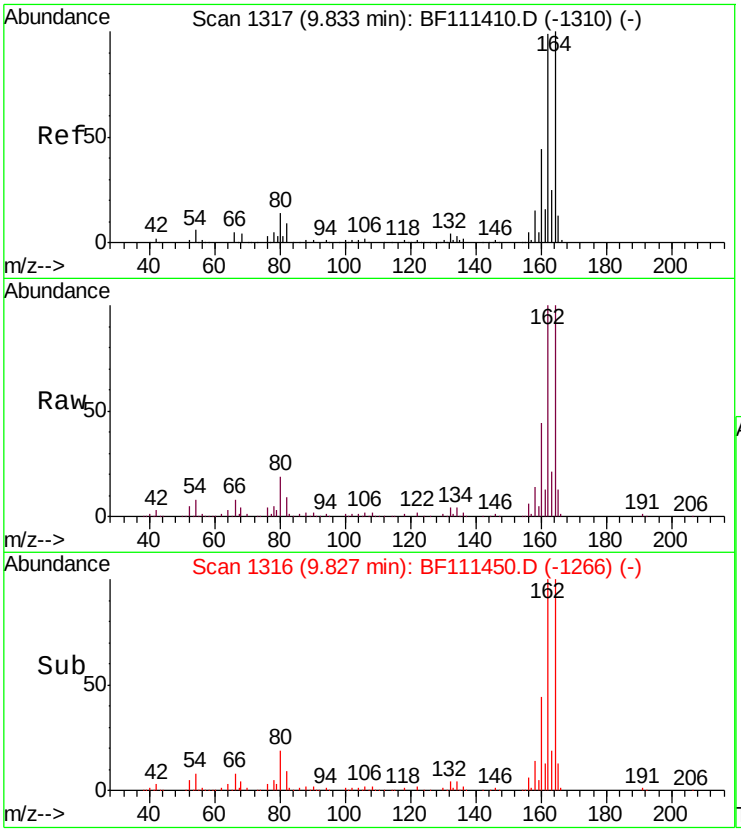


#25
Isophorone
Concen: 61.604 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Tgt Ion: 82 Resp: 821272

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



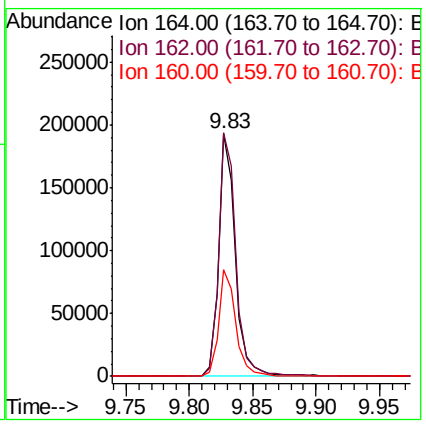


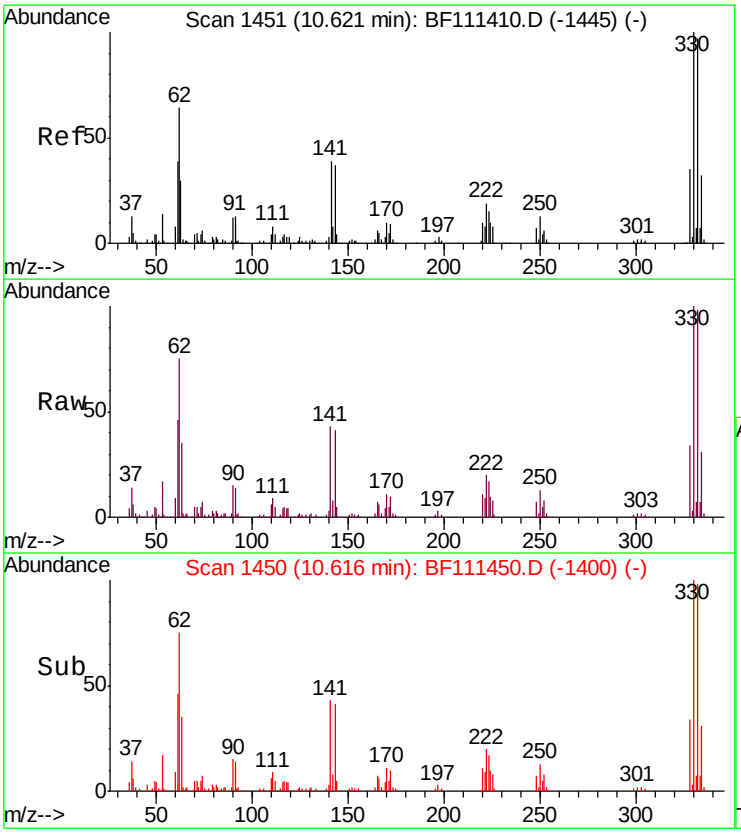
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Tgt Ion:164 Resp: 178708

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.4	122.0
160	43.8	35.7	53.5

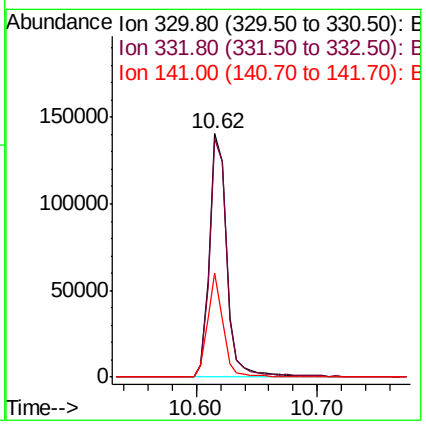


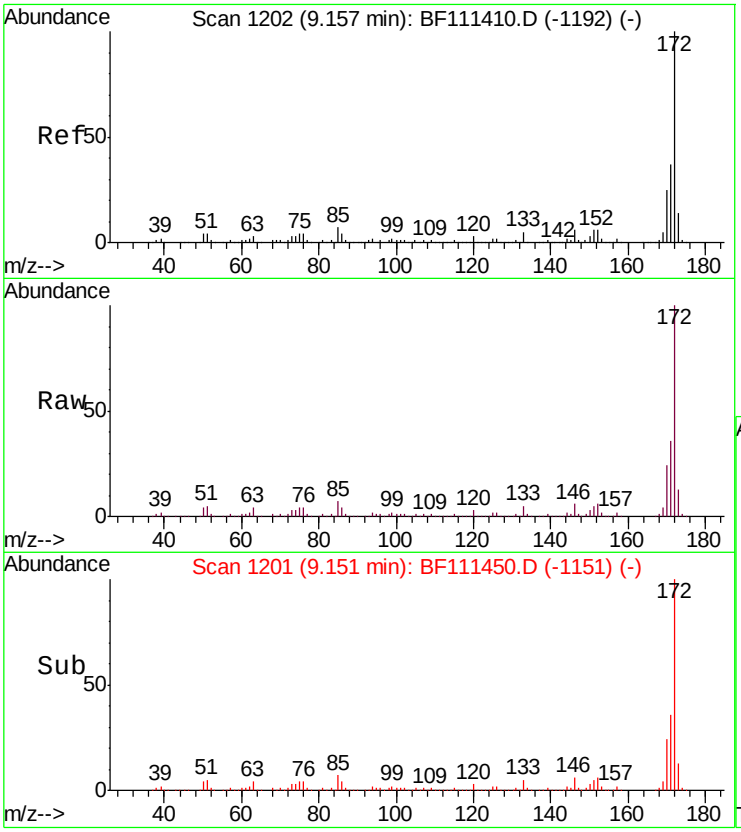


#42
2,4,6-Tribromophenol
Concen: 86.865 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Tgt Ion:330 Resp: 139058

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	38.9	31.0	46.6



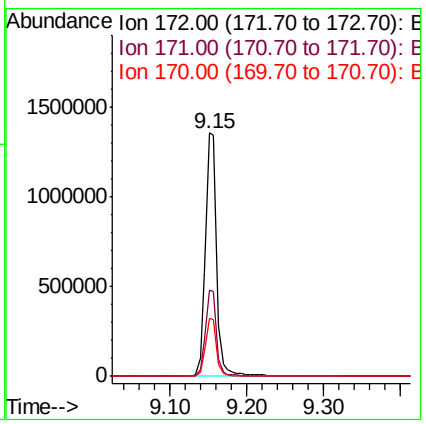


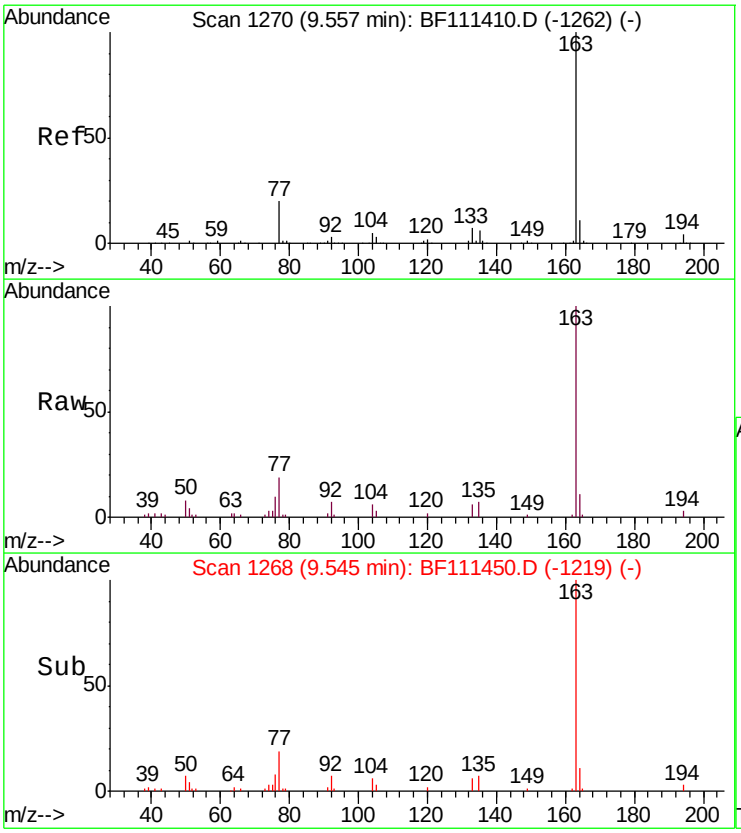
#45
2-Fluorobiphenyl
Concen: 119.519 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Tgt Ion:172 Resp: 1382784

Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	23.8	22.3	33.5

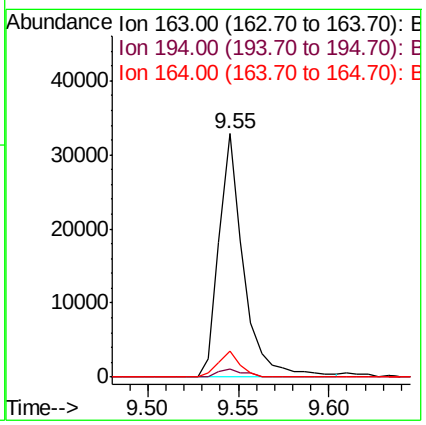


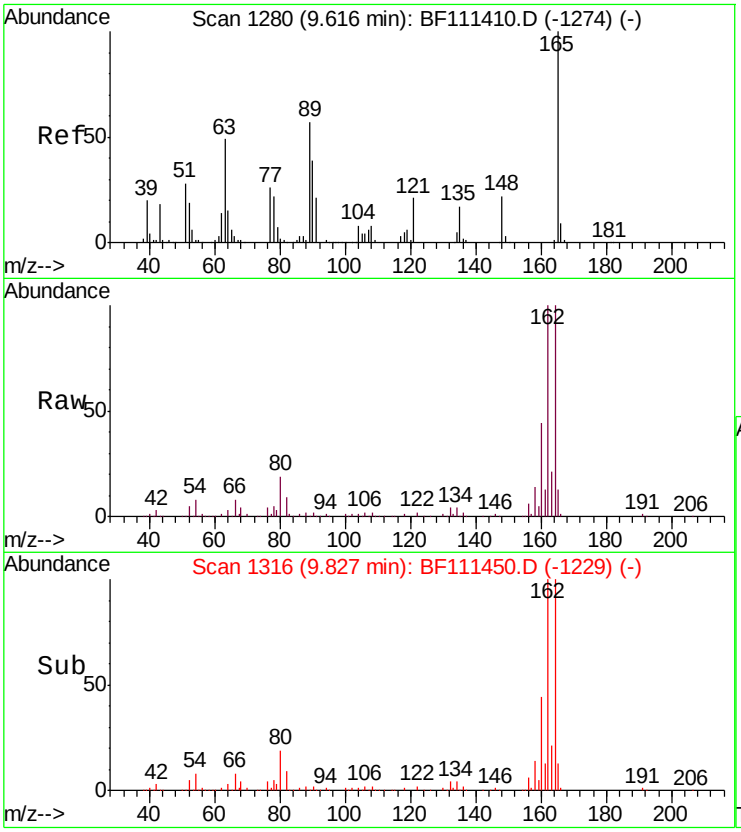


#50
Dimethylphthalate
Concen: 2.411 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Tgt Ion:163 Resp: 31026

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.6
164	10.8	8.9	13.3



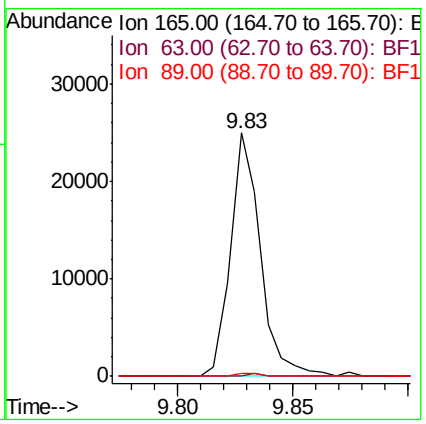


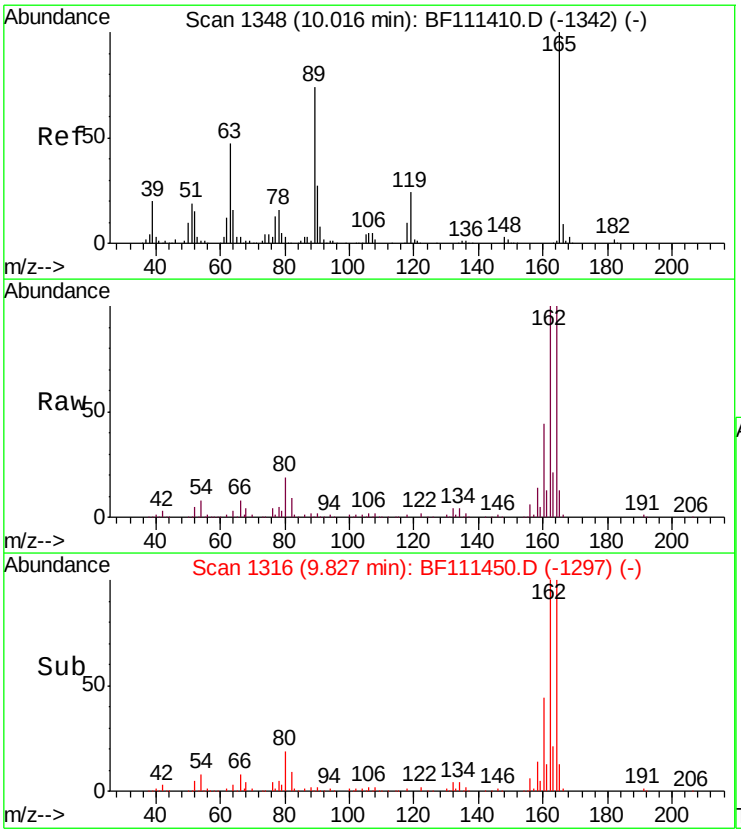
#51
2,6-Dinitrotoluene
Concen: 7.764 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Tgt Ion:165 Resp: 22491

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.5	60.7#
89	1.2	40.0	60.0#

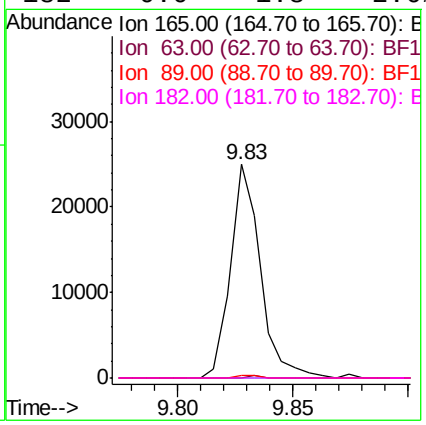


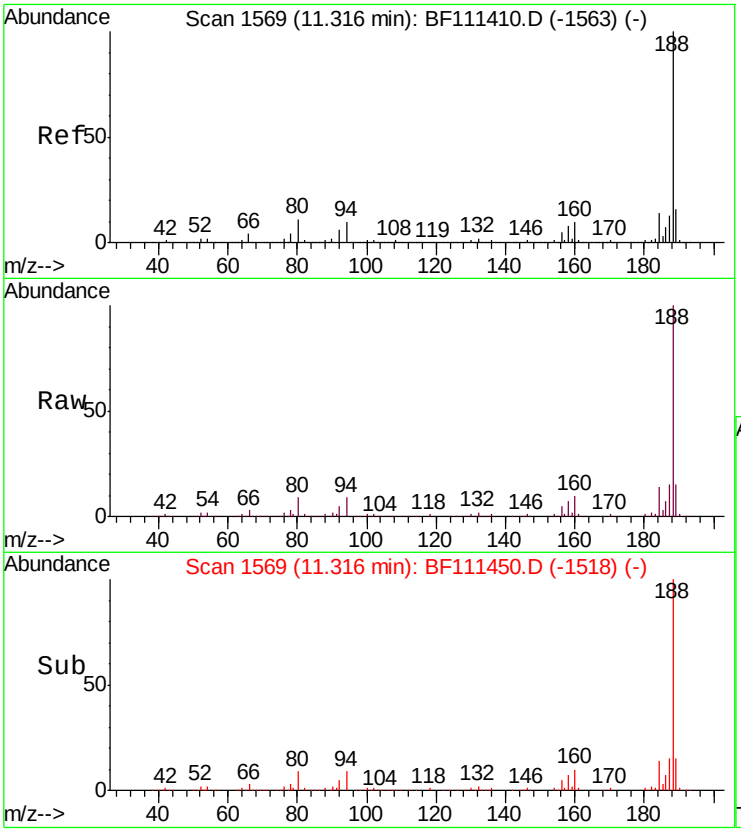


#57
2,4-Dinitrotoluene
Concen: 5.915 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Tgt Ion:165 Resp: 22491

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#



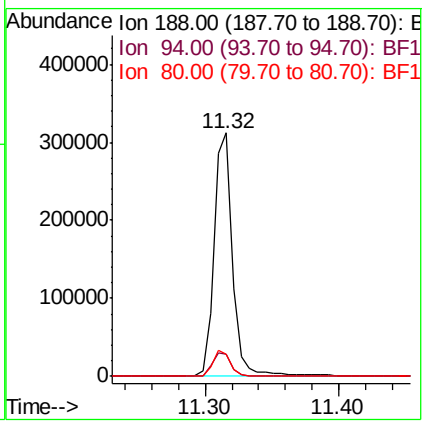


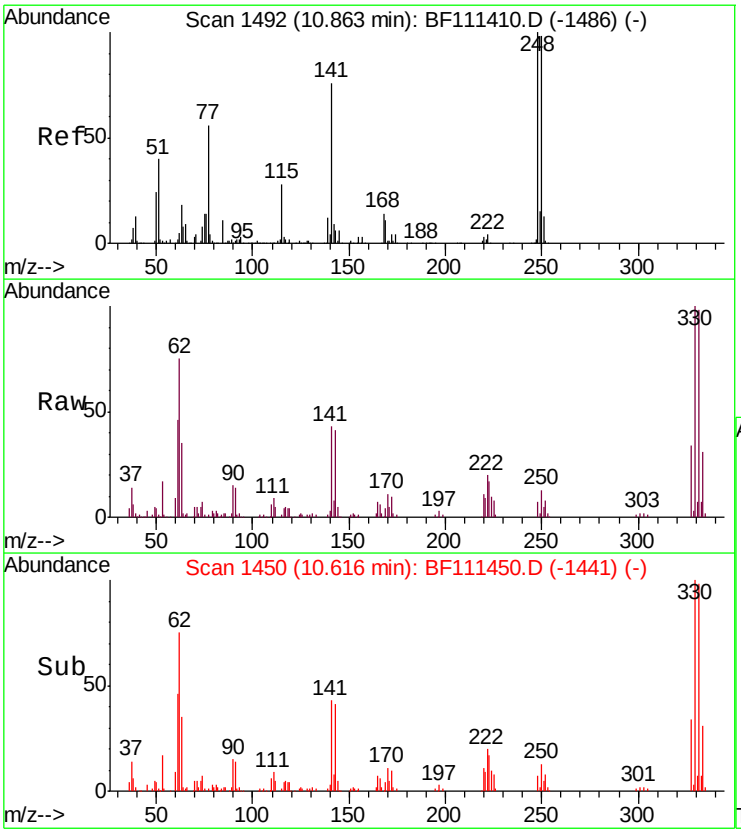
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Tgt Ion:188 Resp: 305158

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.0	9.8	14.6#

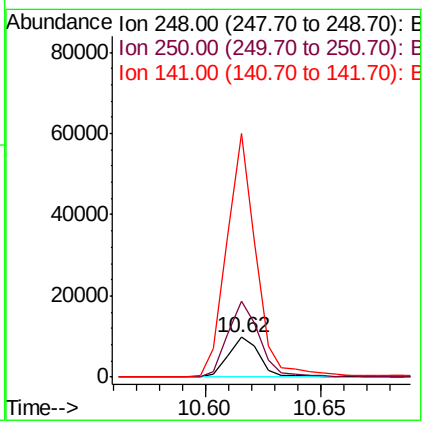


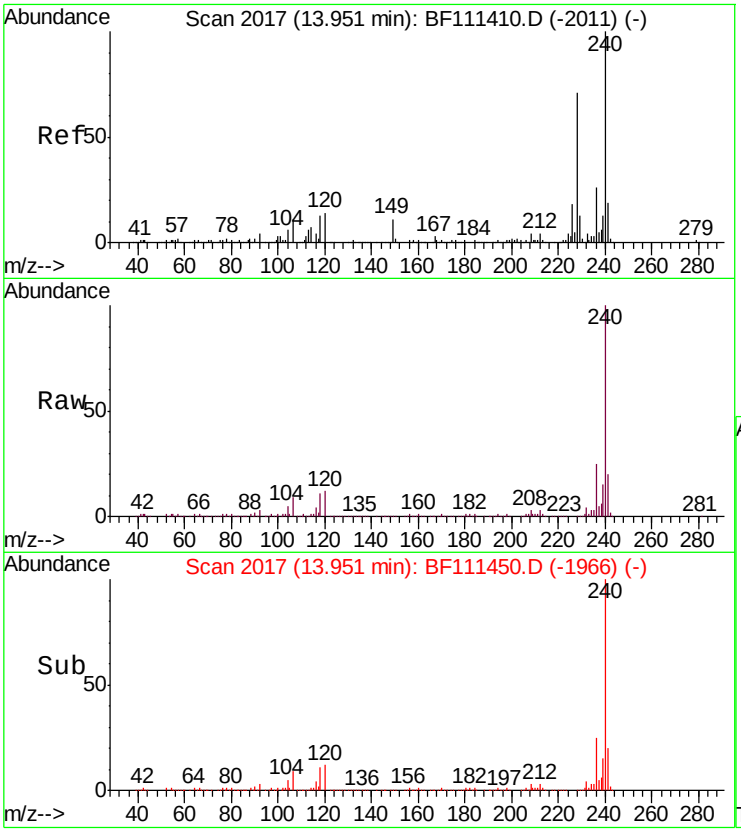


#67
4-Bromophenyl-phenylether
Concen: 2.828 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Tgt Ion:248 Resp: 9301

Ion	Ratio	Lower	Upper
248	100		
250	191.0	77.0	115.4#
141	615.3	63.0	94.6#



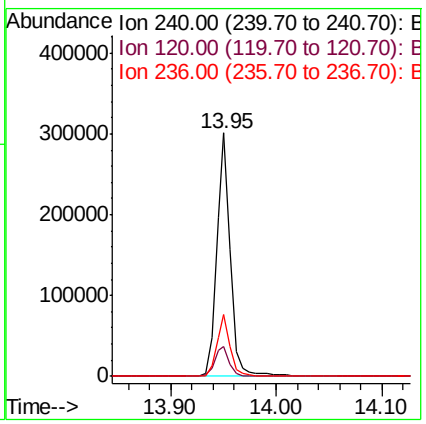


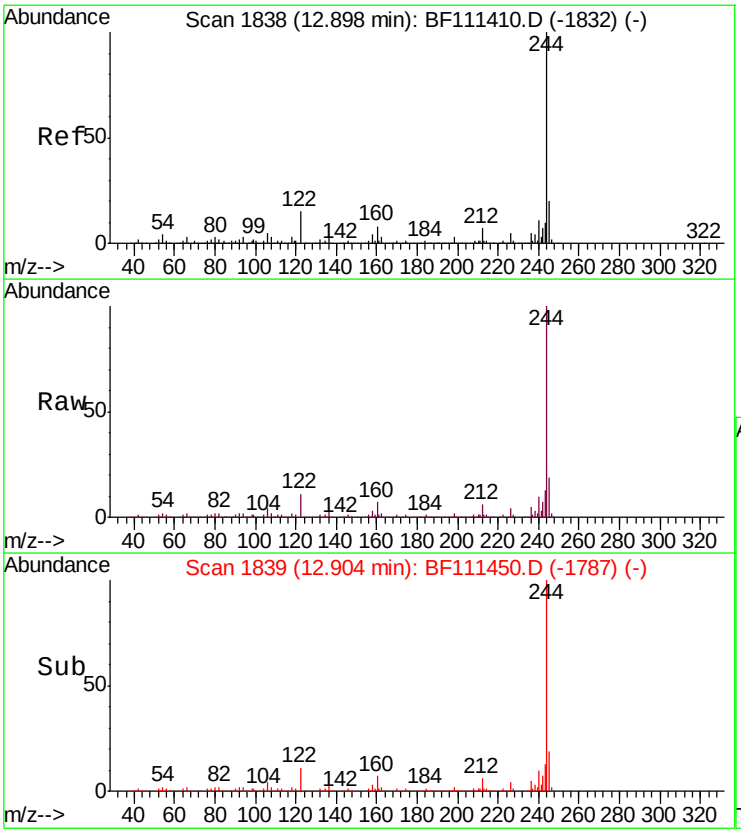
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Tgt Ion:240 Resp: 274256

Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.2	18.2
236	25.2	20.2	30.2

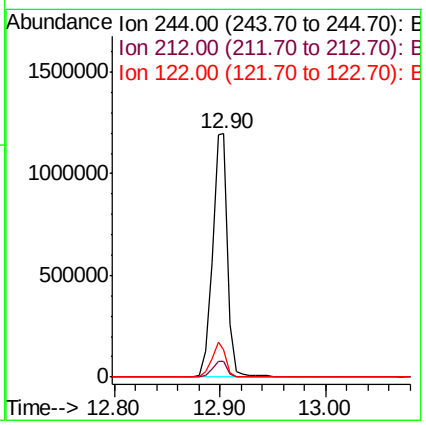


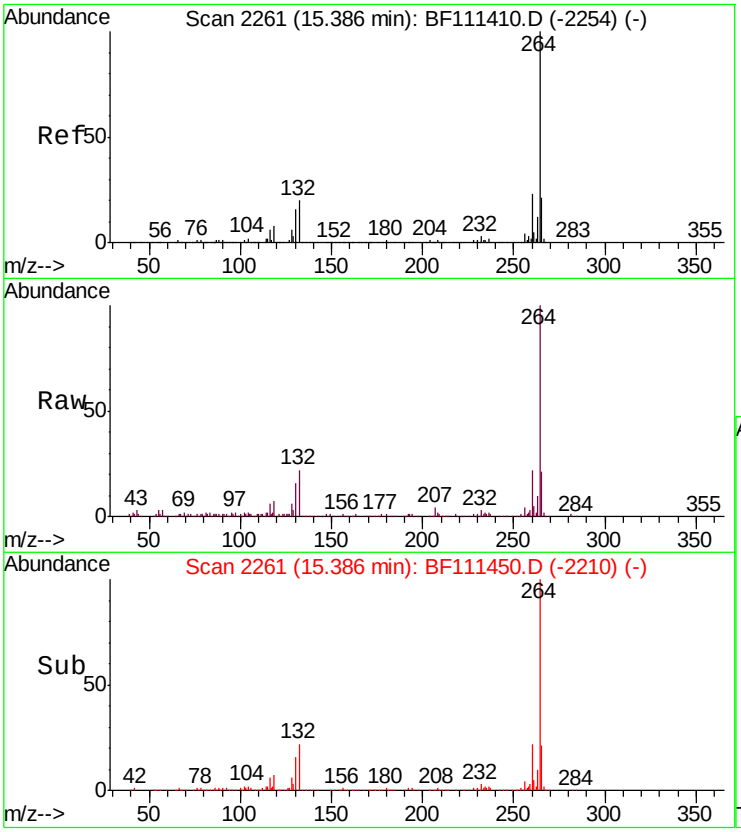


#79
Terphenyl-d14
Concen: 104.354 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF111450.D
Acq: 15 Dec 2018 6:11

Tgt Ion:244 Resp: 1218772

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	11.3	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: BF111450.D
Acq: 15 Dec 2018 6:11

Instrument :
BNA_F
ClientSampleId :
120618-TIPC-E-U-M

Tgt Ion:264 Resp: 178951

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.3	27.5
265	20.9	17.7	26.5