Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
Data File : BF111261.D
Acq On : 10 Dec 2018 23:59
Operator : JU/SJ
Sample : J6306-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-16204

Quant Time: Dec 11 04:01:39 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	411320	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1264242	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	525447	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	836457	20.00	ng		0.00
76) Chrysene-d12	13.96	240	734011	20.00	ng		0.00
87) Perylene-d12	15.39	264	600265	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3068489	117.80	ng		0.02
7) Phenol-d6	6.44	99	4191794	129.49	ng		0.00
23) Nitrobenzene-d5	7.36	82	2462345	109.24	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	605930	130.18	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3312464	128.05	ng		0.00
79) Terphenyl-d14	12.91	244	2203448	72.01	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	4599	Below Cal		#	1
10) Phenol	6.45	94	275153	7.269	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	335889	15.489	ng	#	78
25) Isophorone	7.36	82	2442089	63.612	ng	#	64
29) 2,4-Dichlorophenol	7.96	162	42415	2.303	ng		87
46) 1,1'-Biphenyl	9.26	154	11100	Below Cal			97
50) Dimethylphthalate	9.55	163	436364	11.255	ng		99
57) 2,4-Dinitrotoluene	9.84	165	68766	6.515	ng	#	24
67) 4-Bromophenyl-phenylether	10.62	248	40040	4.370	ng	#	1

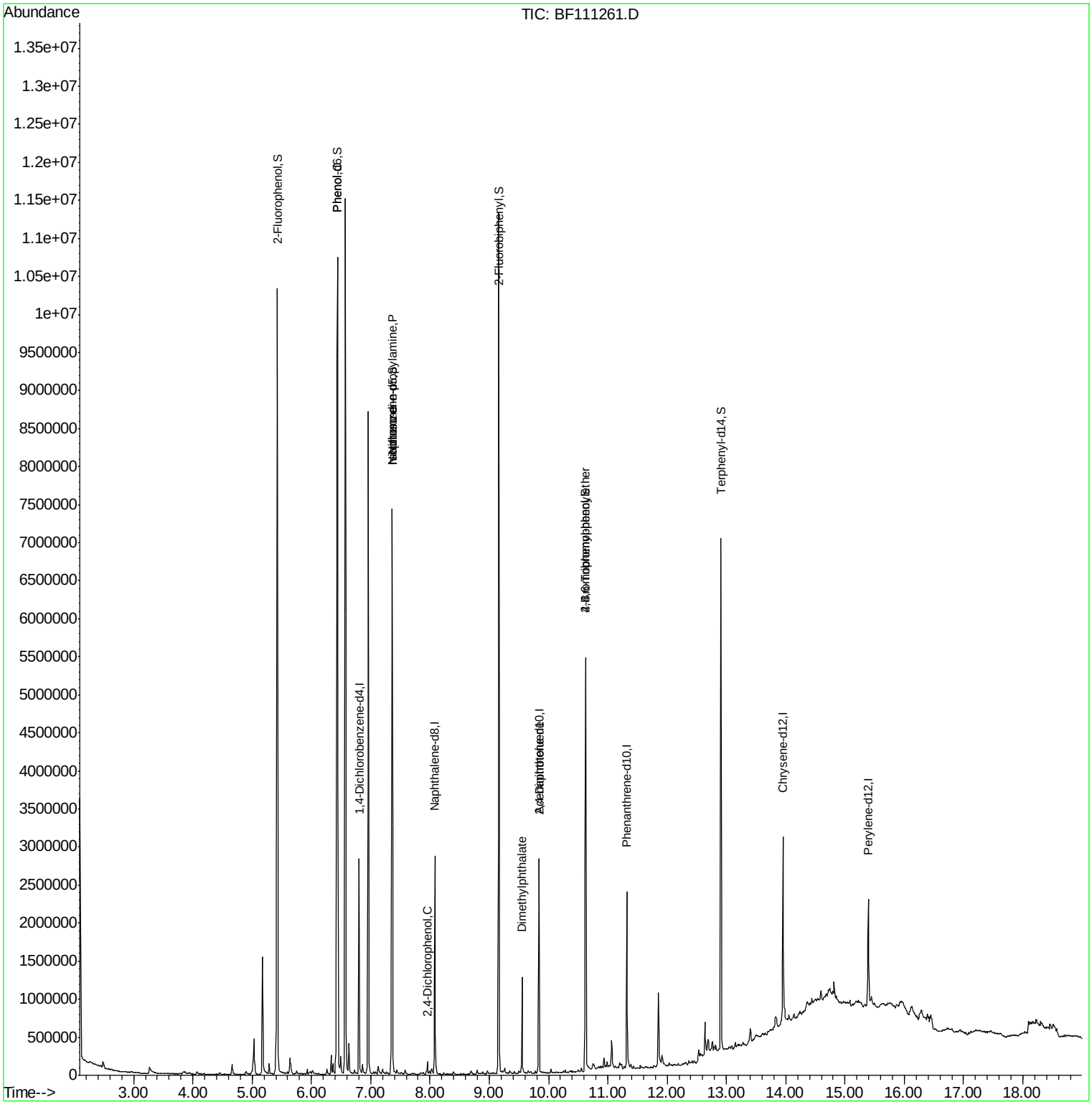
(#) = qualifier out of range (m) = manual integration (+) = signals summed

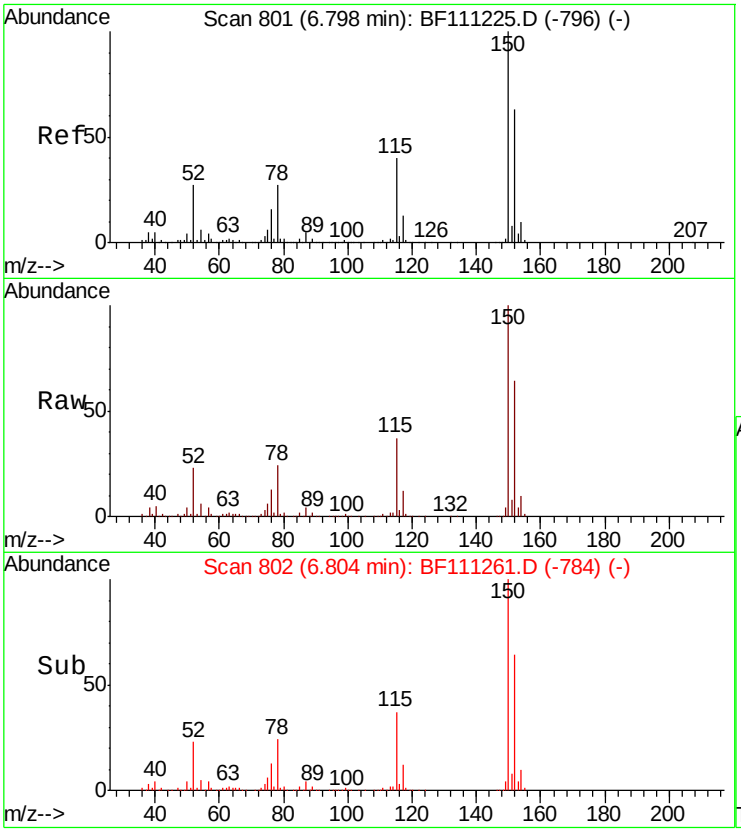
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
Data File : BF111261.D
Acq On : 10 Dec 2018 23:59
Operator : JU/SJ
Sample : J6306-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VB-16204

Quant Time: Dec 11 04:01:39 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



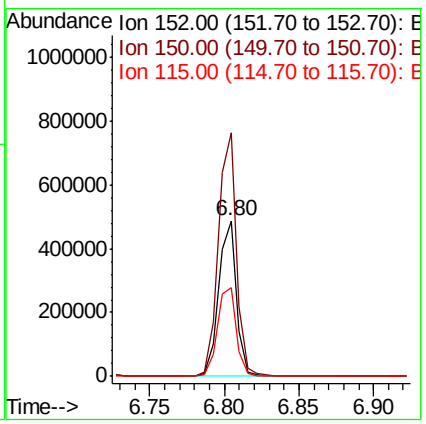


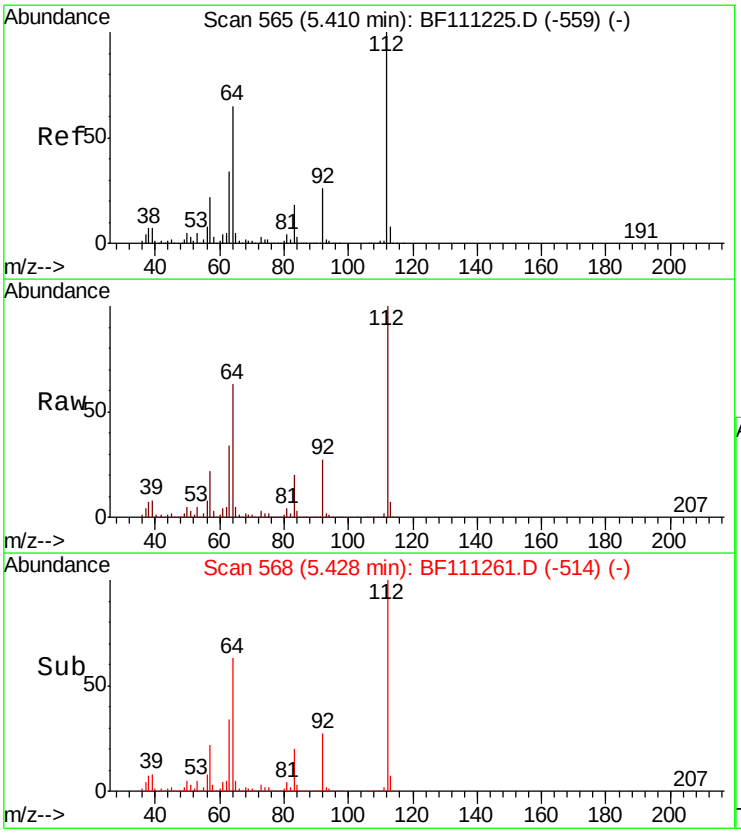
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tgt Ion:152 Resp: 411320

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	57.3	50.7	76.1

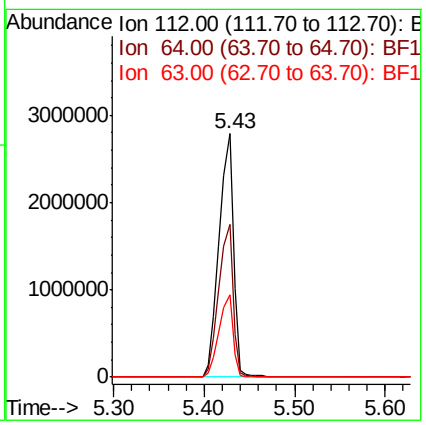


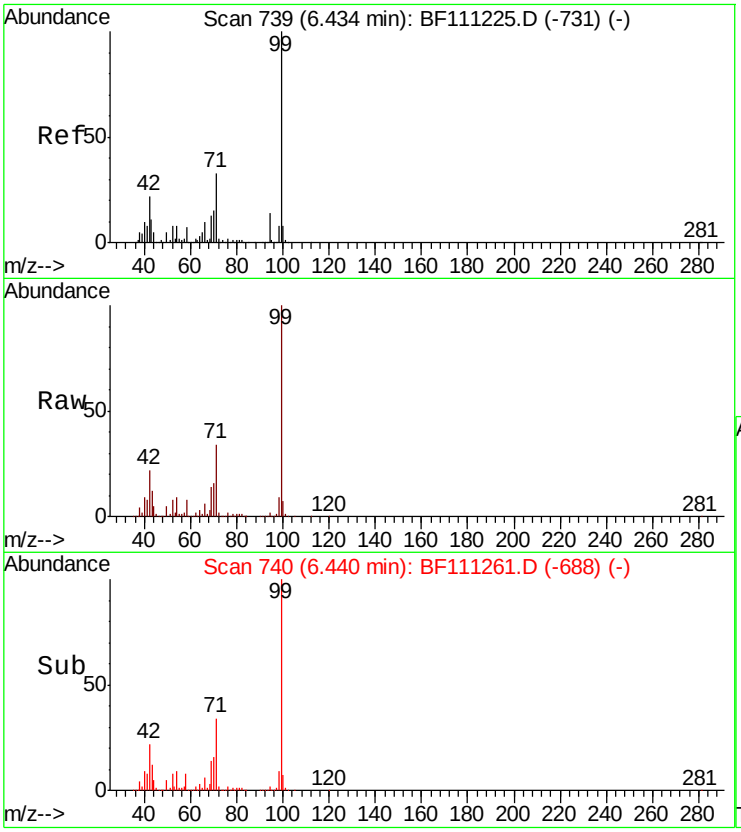


#5
2-Fluorophenol
Concen: 117.800 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion:112 Resp: 3068489

Ion	Ratio	Lower	Upper
112	100		
64	62.8	51.8	77.6
63	33.7	26.8	40.2



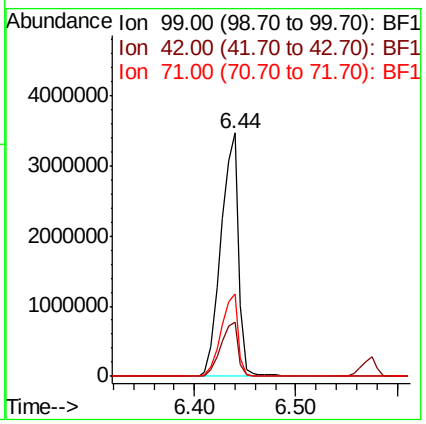


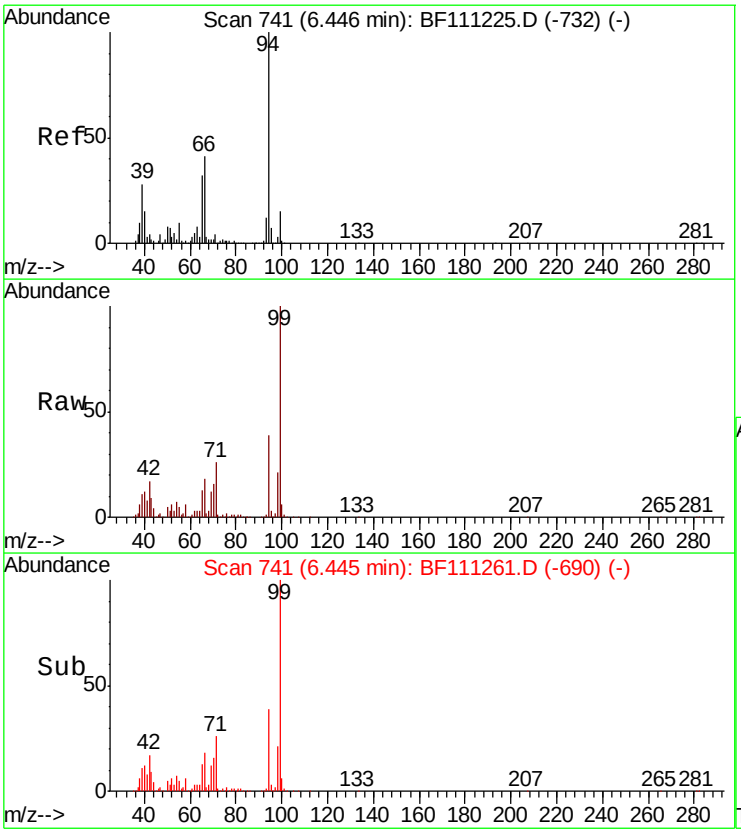
#7
Phenol-d6
Concen: 129.490 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tgt Ion: 99 Resp: 4191794

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.4	26.0
71	33.9	26.1	39.1

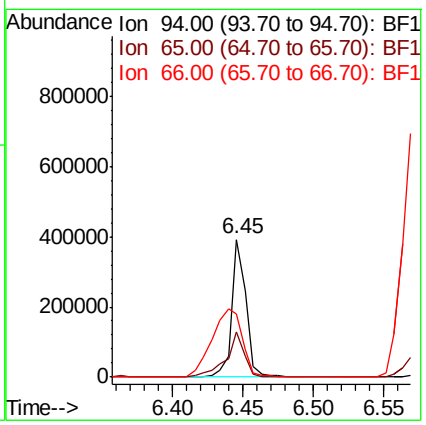


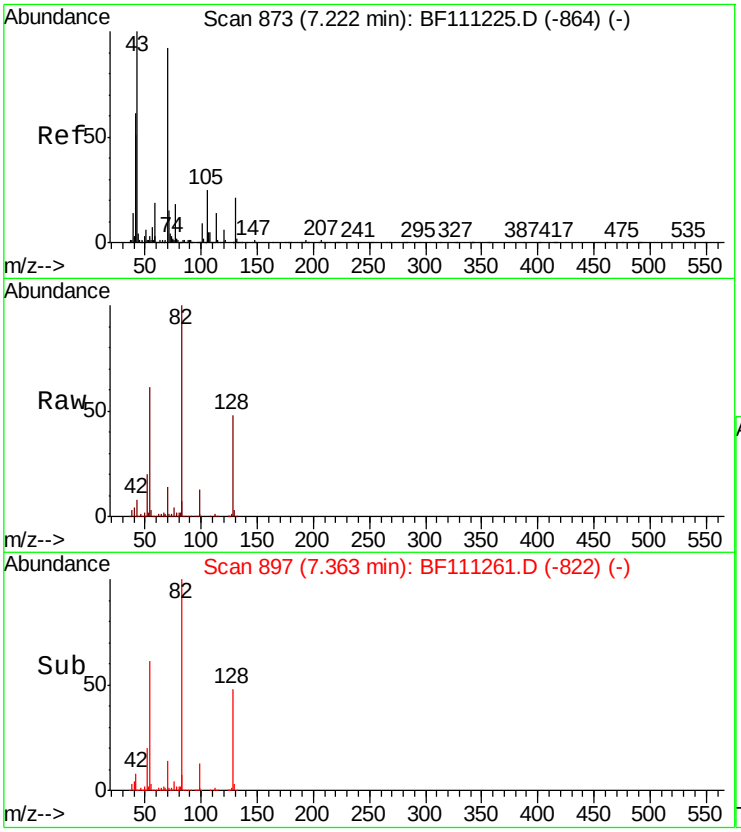


#10
Phenol
Concen: 7.269 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion: 94 Resp: 275153

Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.7	51.7
66	45.8	21.0	61.0



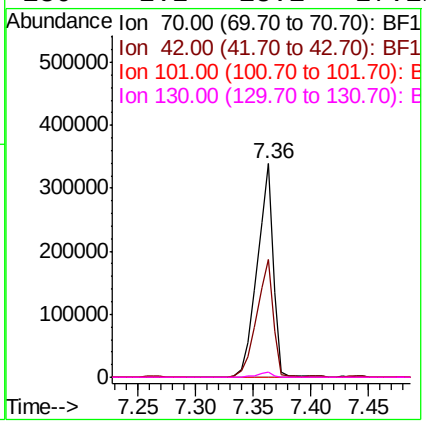


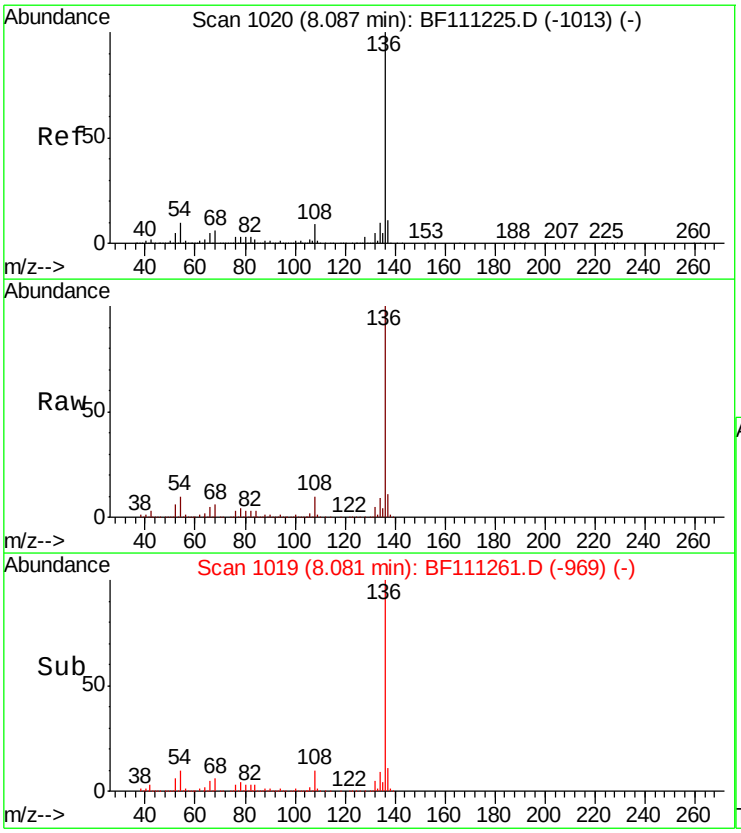
#19
n-Nitroso-di-n-propylamine
Concen: 15.489 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tgt Ion: 70 Resp: 335889

Ion	Ratio	Lower	Upper
70	100		
42	54.9	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

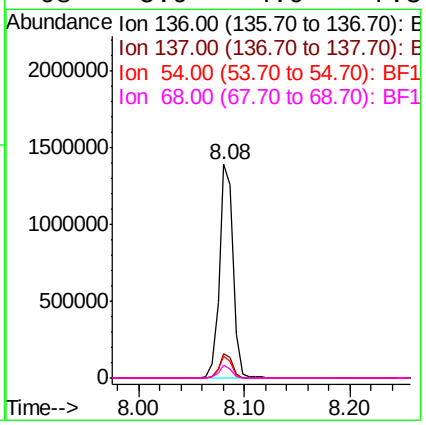


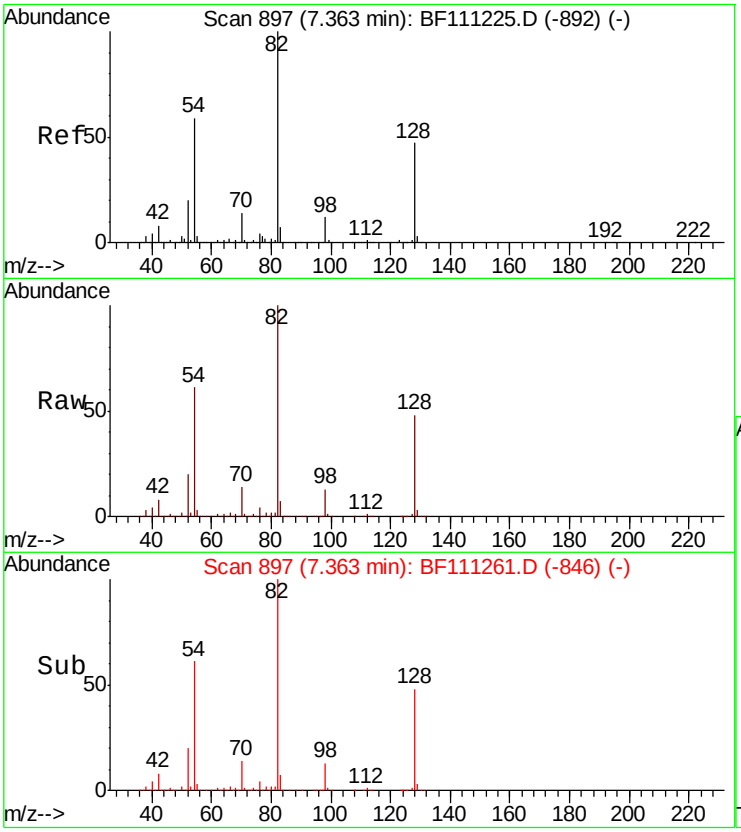


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion:136 Resp: 1264242

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.0	7.7	11.5
68	5.9	4.9	7.3



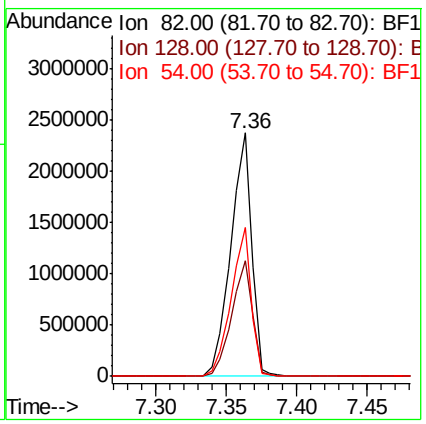


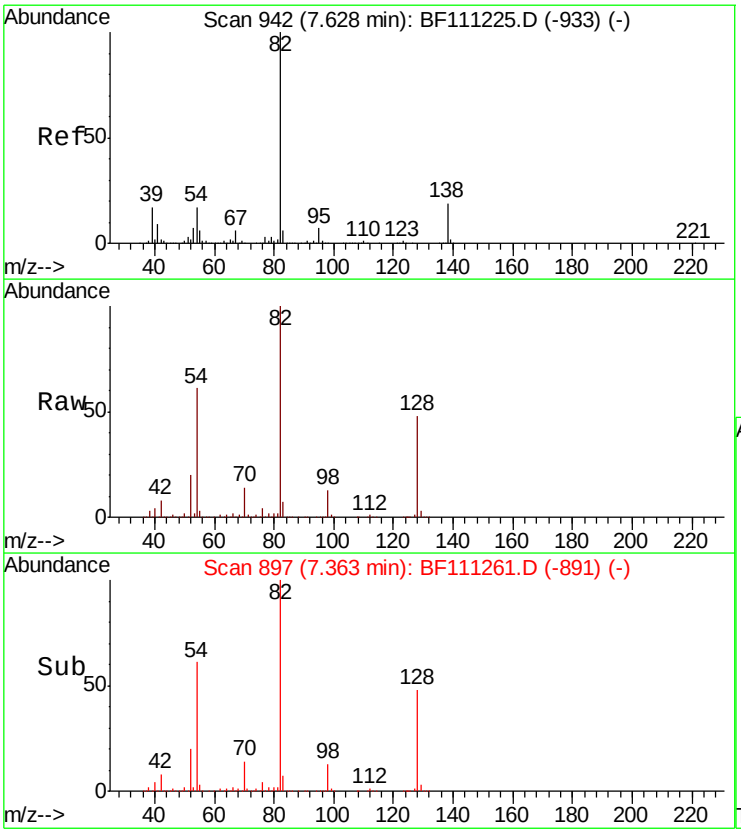
#23
Nitrobenzene-d5
Concen: 109.243 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tgt Ion: 82 Resp: 2462345

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.2
54	61.3	47.6	71.4

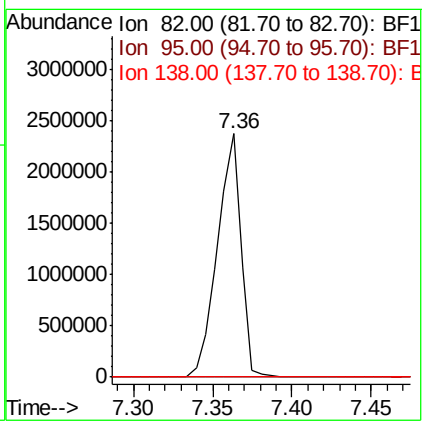


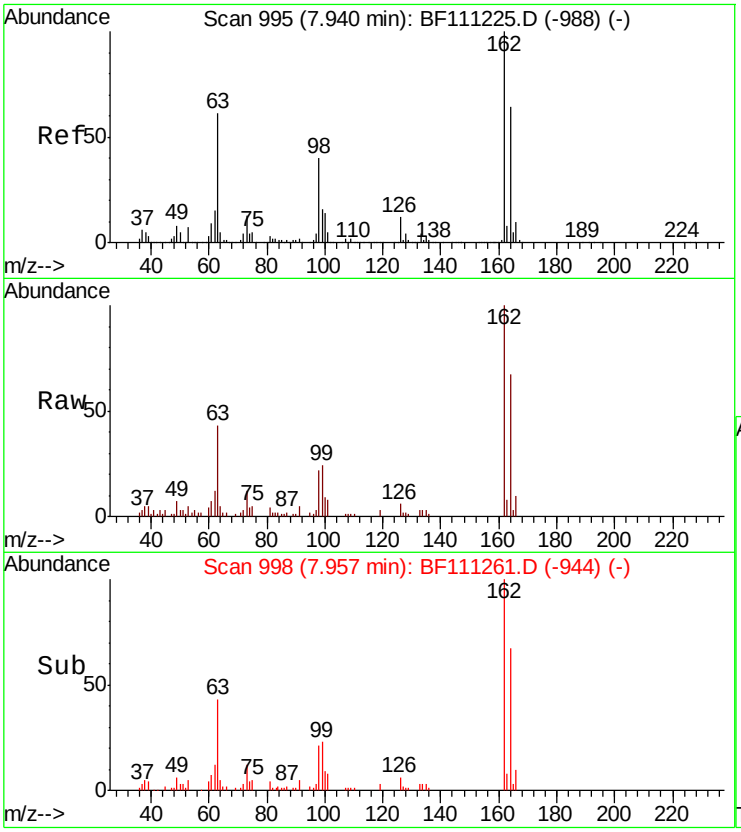


#25
Isophorone
Concen: 63.612 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion: 82 Resp: 2442089

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



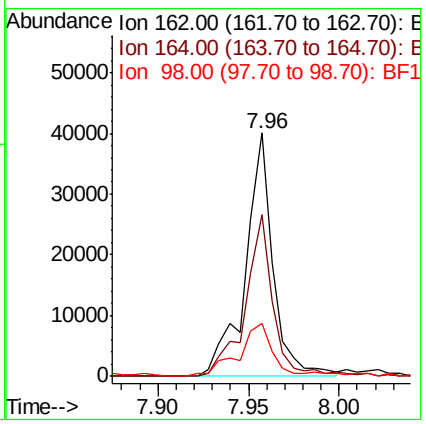


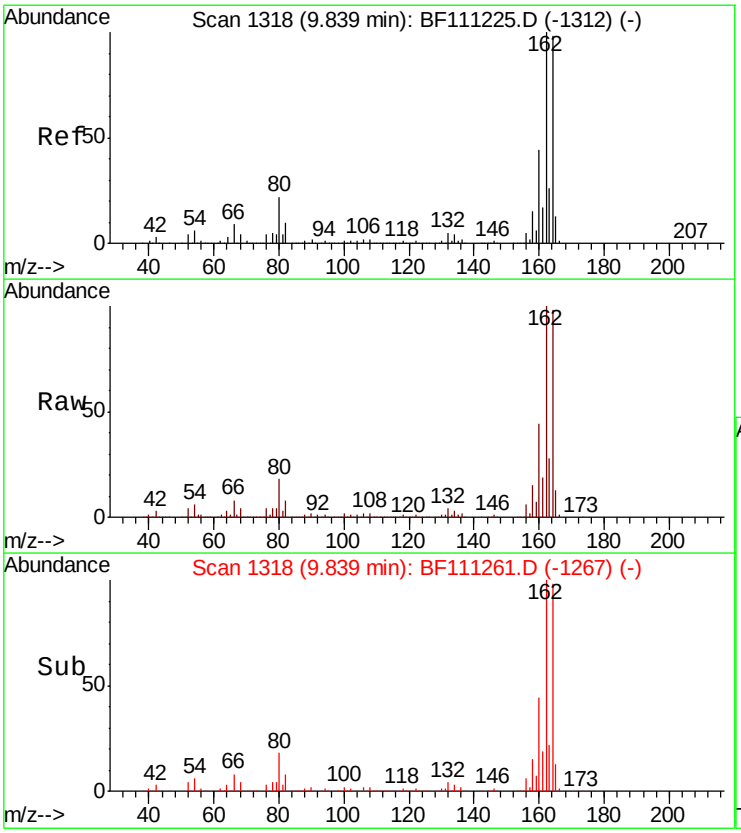
#29
2,4-Dichlorophenol
Concen: 2.303 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tgt Ion:162 Resp: 42415

Ion	Ratio	Lower	Upper
162	100		
164	66.6	44.4	84.4
98	21.7	20.3	60.3

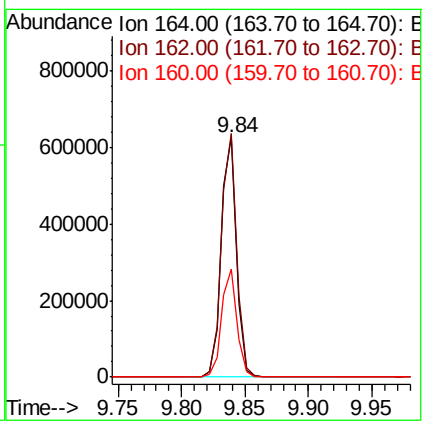


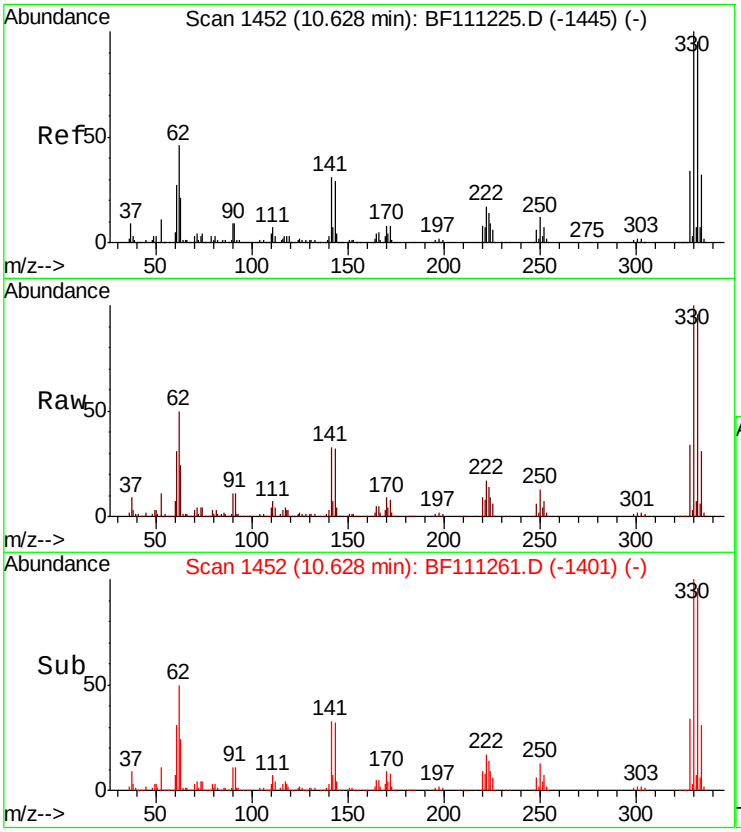


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion:164 Resp: 525447

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.0	35.7	53.5



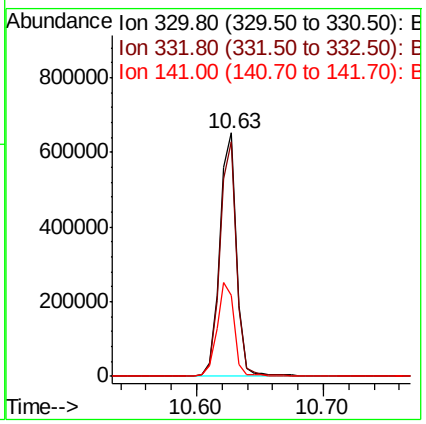


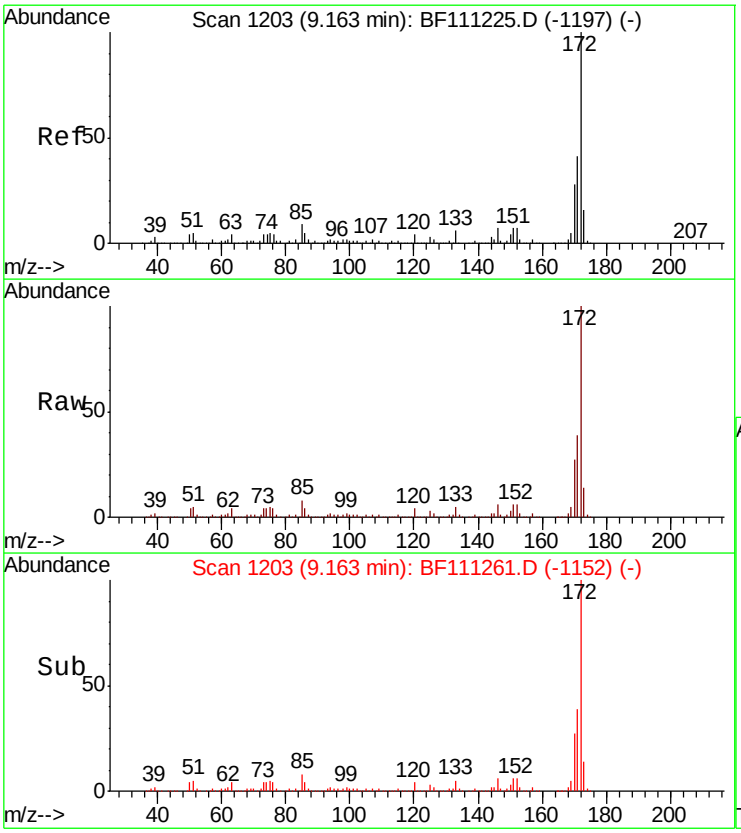
#42
2,4,6-Tribromophenol
Concen: 130.182 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tgt Ion:330 Resp: 605930

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	39.8	31.0	46.6

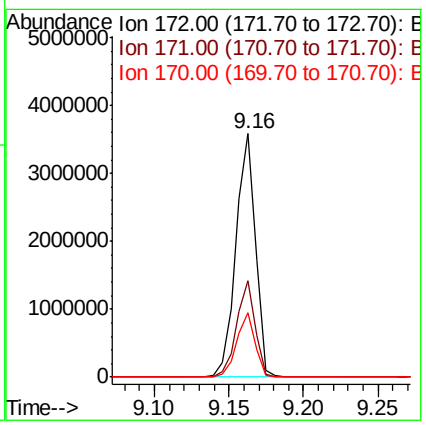


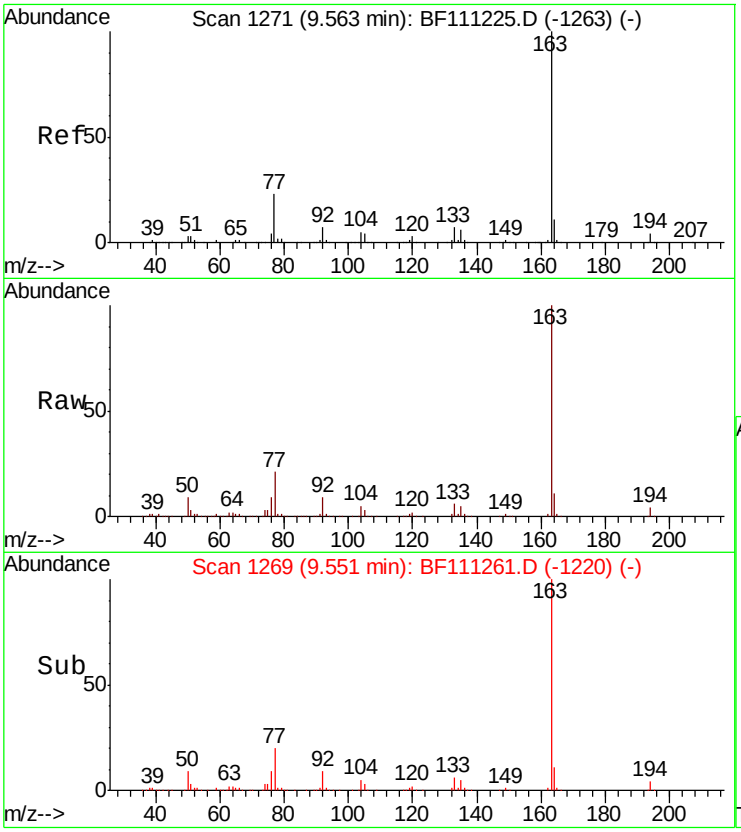


#45
2-Fluorobiphenyl
Concen: 128.050 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion:172 Resp: 3312464

Ion	Ratio	Lower	Upper
172	100		
171	39.5	33.0	49.4
170	26.5	22.3	33.5



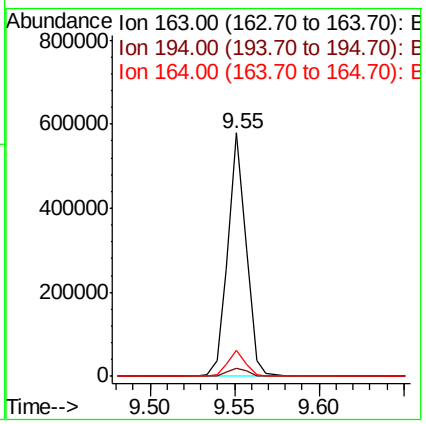


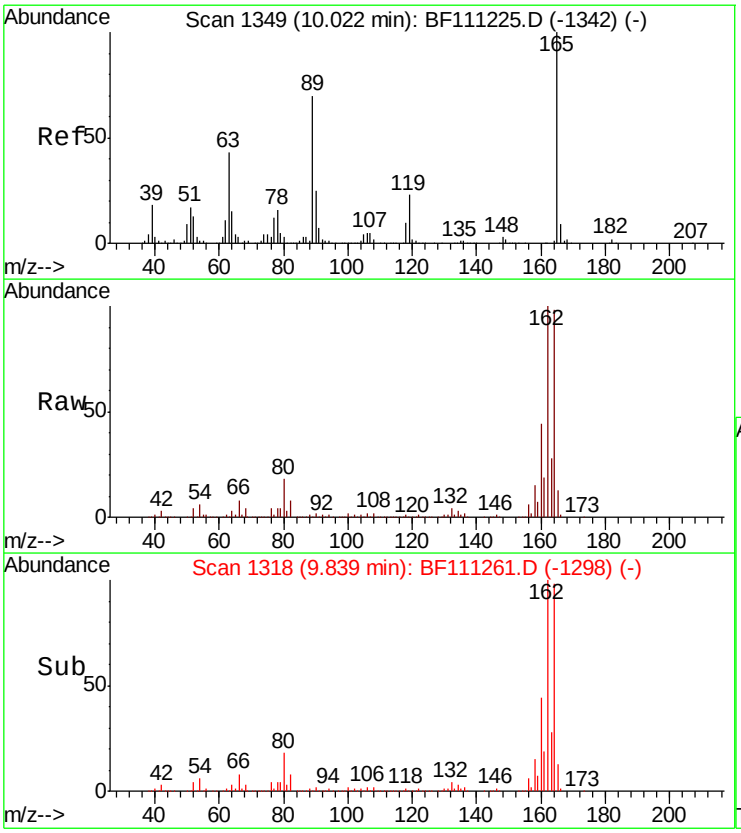
#50
Dimethylphthalate
Concen: 11.255 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tgt Ion:163 Resp: 436364

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.5	8.9	13.3

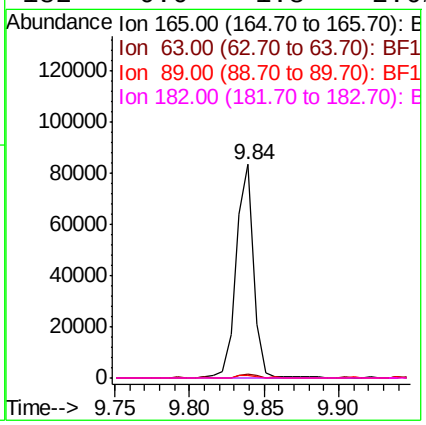


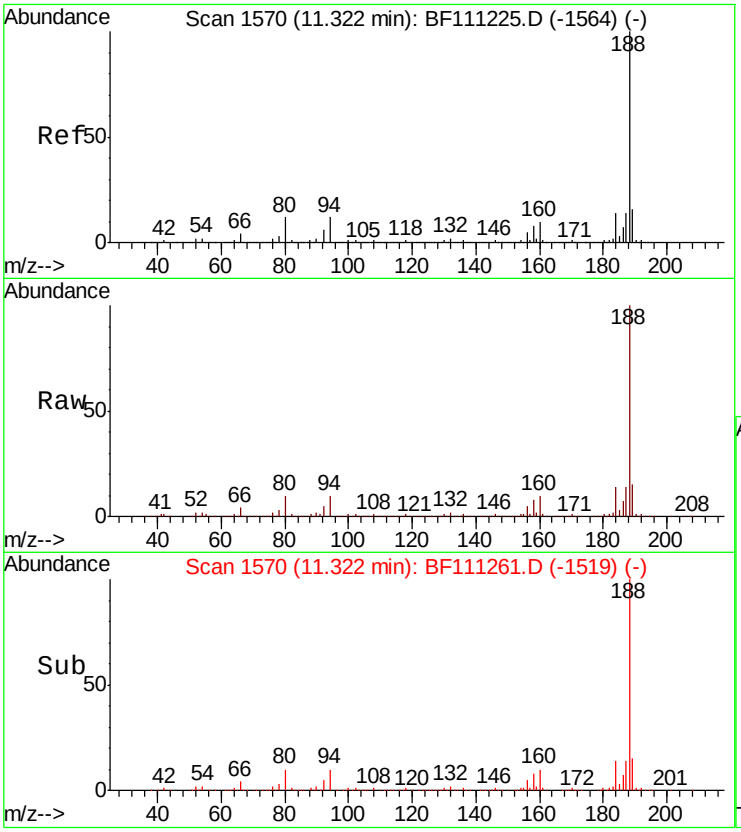


#57
2,4-Dinitrotoluene
Concen: 6.515 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion:165 Resp: 68766

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#



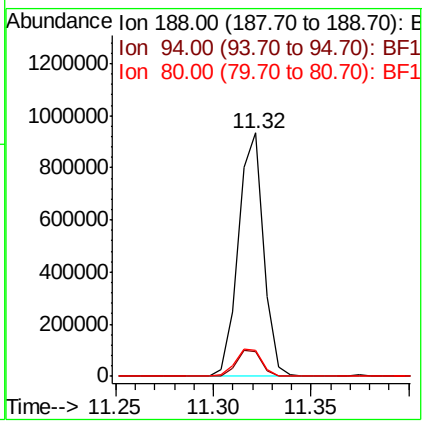


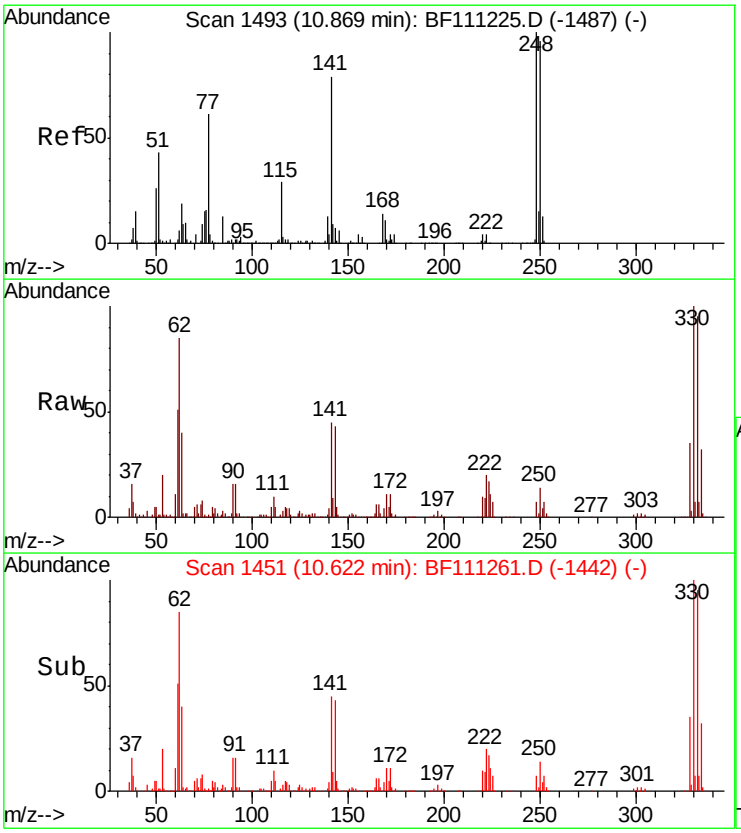
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tgt Ion:188 Resp: 836457

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	10.5	9.8	14.6

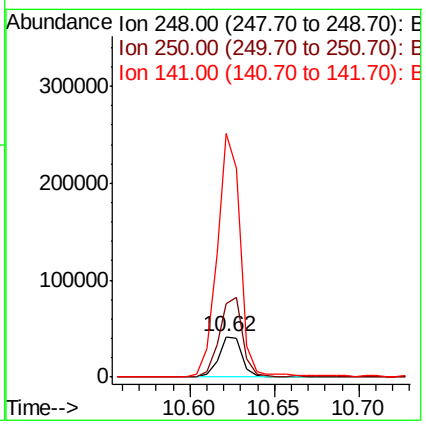


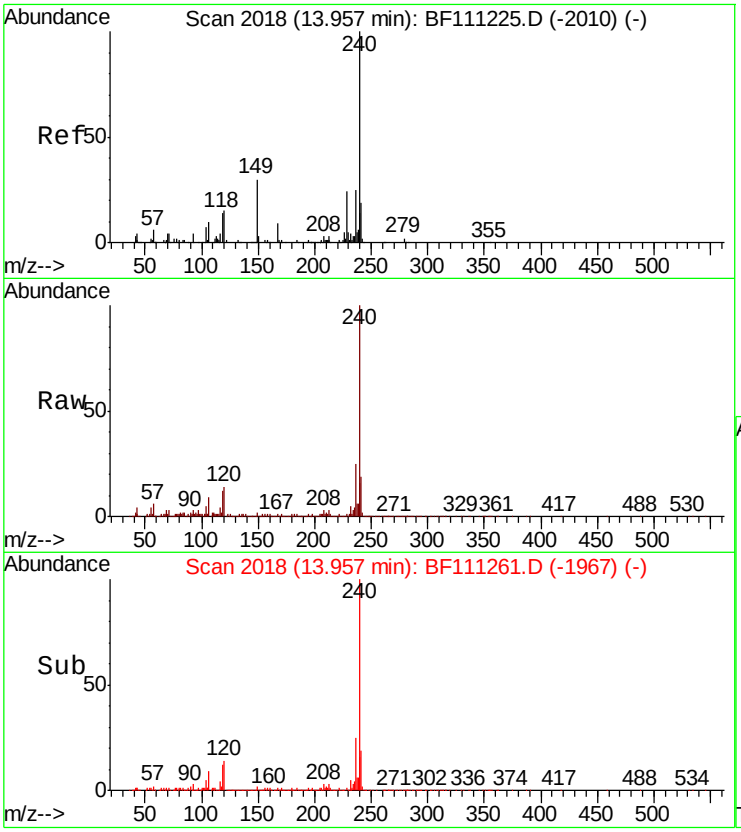


#67
4-Bromophenyl-phenylether
Concen: 4.370 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion:248 Resp: 40040

Ion	Ratio	Lower	Upper
248	100		
250	182.5	77.0	115.4#
141	600.7	63.0	94.6#



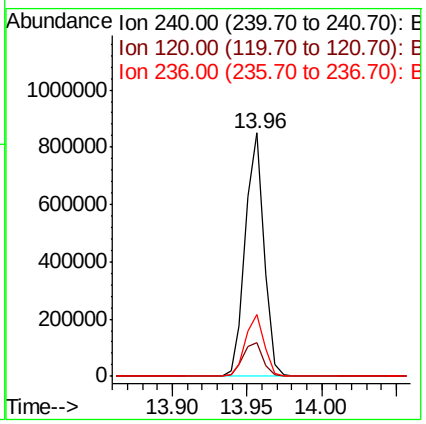


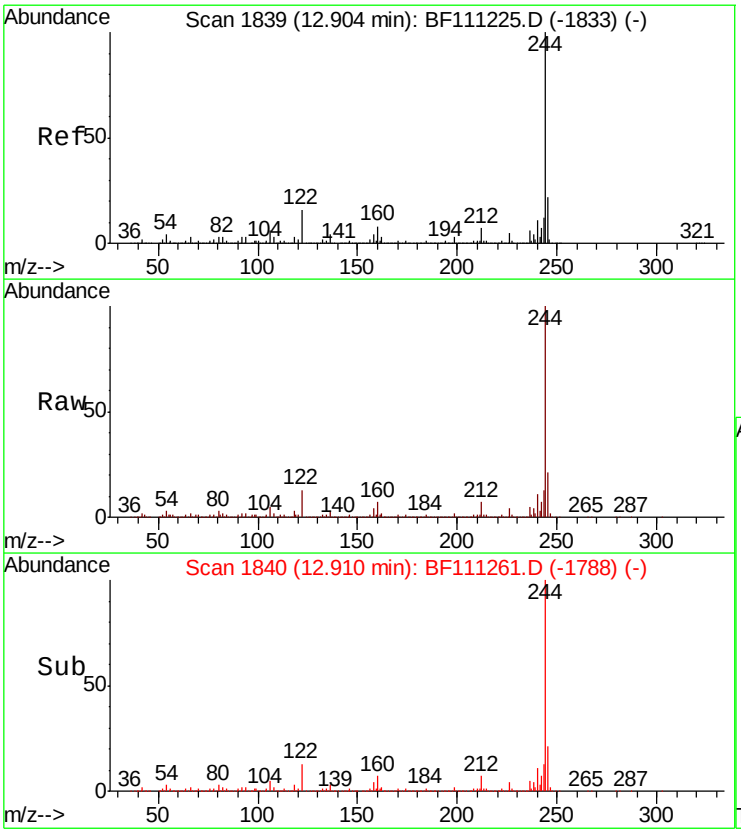
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tgt Ion:240 Resp: 734011

Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.2	18.2
236	25.3	20.2	30.2

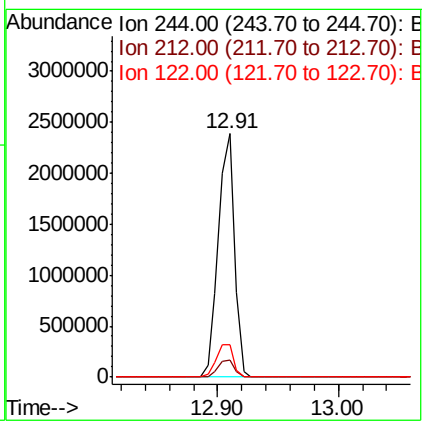


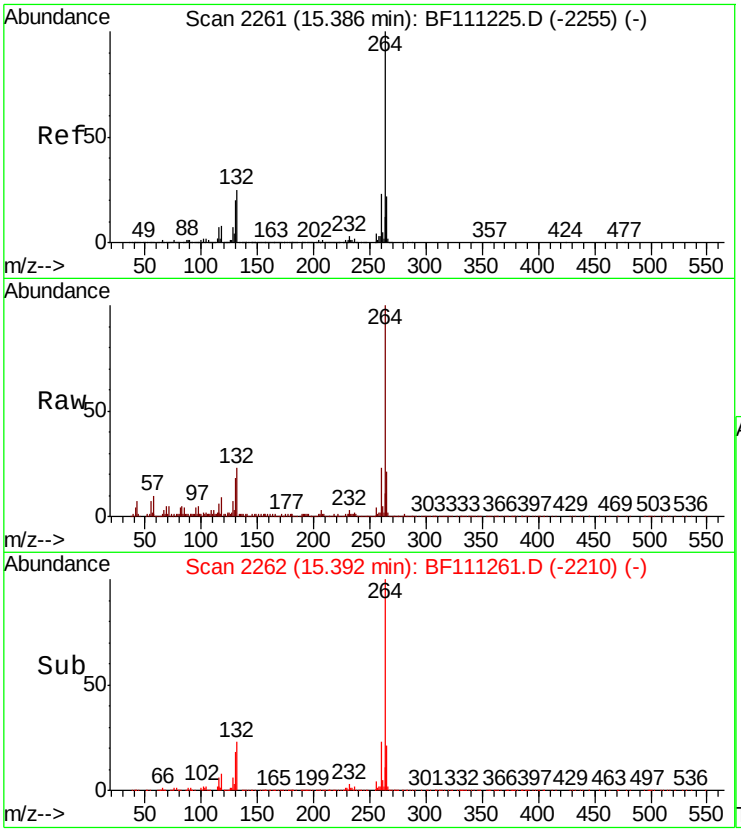


#79
Terphenyl-d14
Concen: 72.005 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion:244 Resp: 2203448

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	13.3	13.1	19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tgt Ion:264 Resp: 600265

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.0	17.7	26.5