Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112165.D
Acq On : 21 Jan 2019 18:16
Operator : JU/SJ
Sample : K1009-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-011819-D

Quant Time: Jan 22 00:48:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	221296	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	733628	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	300358	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	574312	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	505089	20.00	ng	-0.01
87) Perylene-d12	15.49	264	372119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1310719	107.50	ng	0.00
7) Phenol-d6	6.50	99	1342426	88.00	ng	0.00
23) Nitrobenzene-d5	7.42	82	1036175	97.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	439856	135.75	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1916576	93.55	ng	0.00
79) Terphenyl-d14	12.96	244	2194899	92.45	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	1478	Below Cal	#	73
19) n-Nitroso-di-n-propylamine	7.42	70	140428	15.111	ng	# 77
25) Isophorone	7.42	82	1036158	50.519	ng	# 63
26) 2-Nitrophenol	7.52	139	124	5.700	ng	# 39
32) Benzoic acid	7.89	122	373	7.262	ng	92
51) 2,6-Dinitrotoluene	9.89	165	37558	8.586	ng	# 34
56) 4-Nitrophenol	10.10	139	649	5.827	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	37558	10.632	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.68	198	875	10.358	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	26770	4.013	ng	# 1

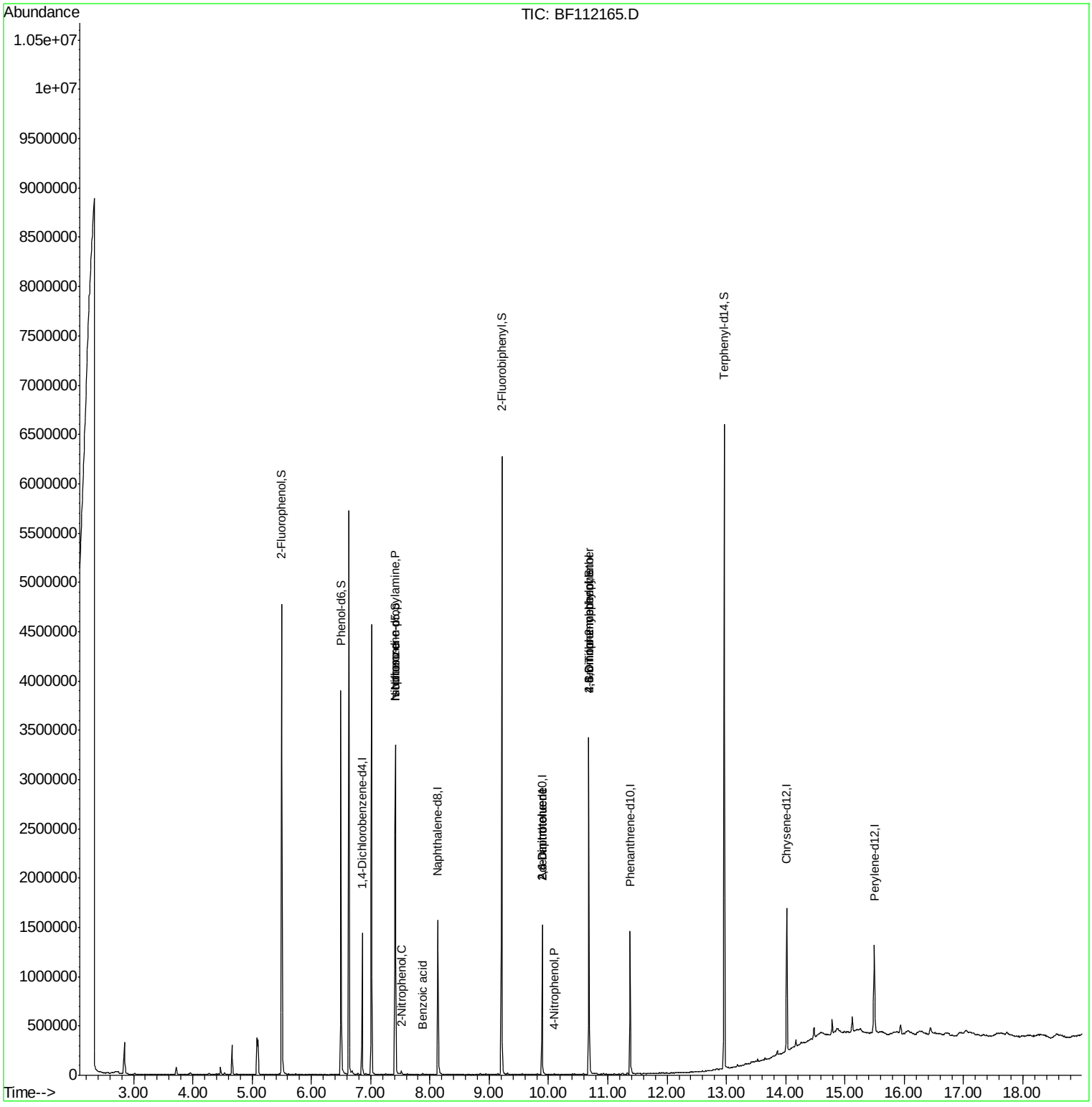
(#) = qualifier out of range (m) = manual integration (+) = signals summed

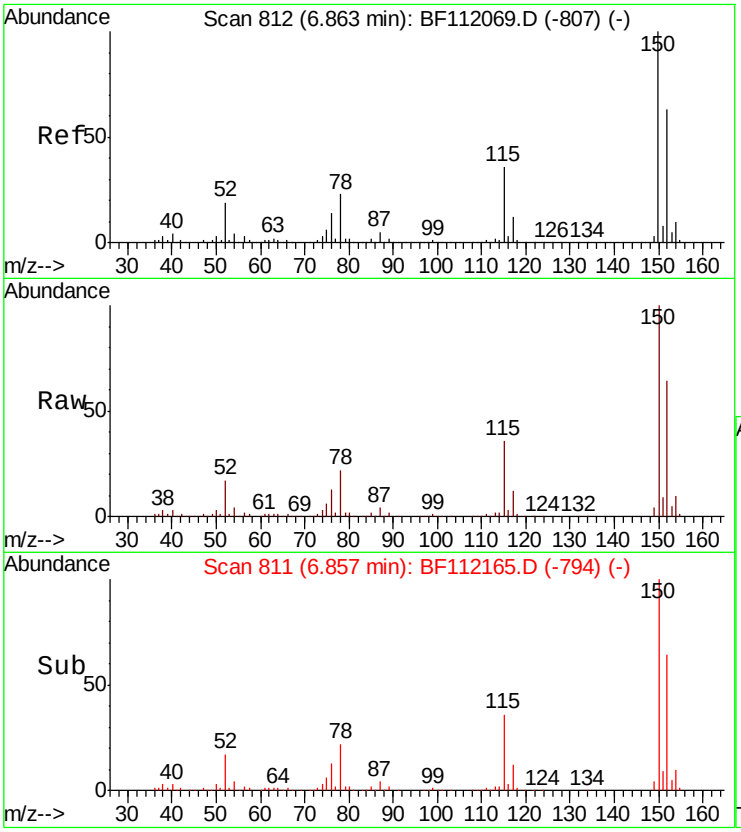
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112165.D
Acq On : 21 Jan 2019 18:16
Operator : JU/SJ
Sample : K1009-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Quant Time: Jan 22 00:48:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration



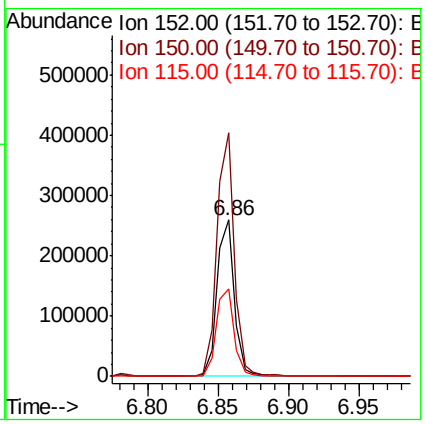


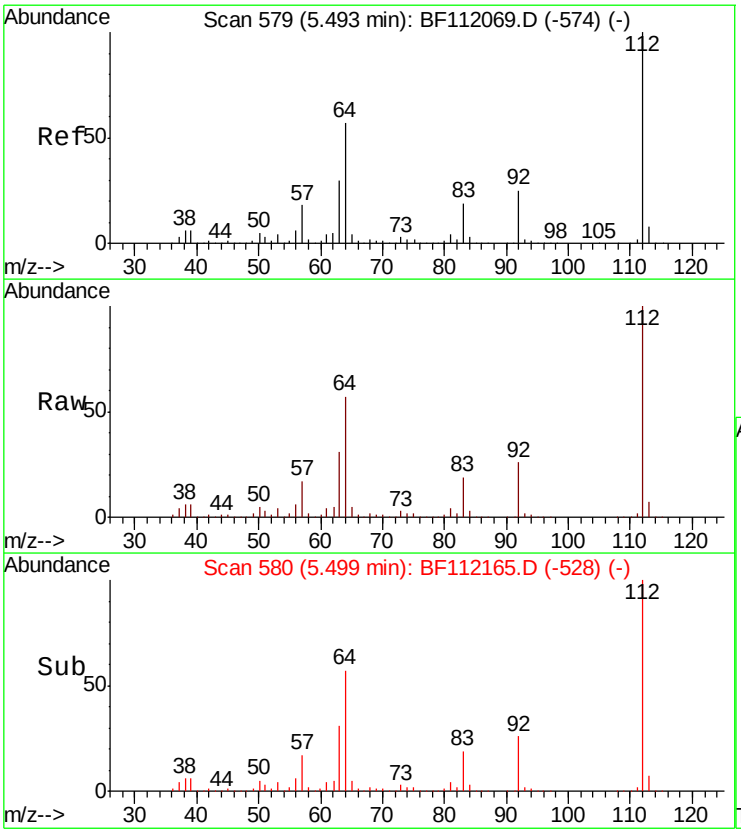
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion:152 Resp: 221296

Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	56.2	45.5	68.3

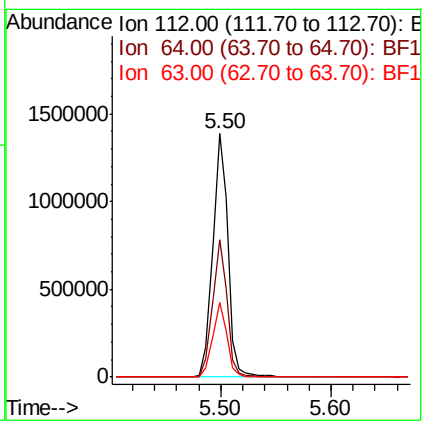


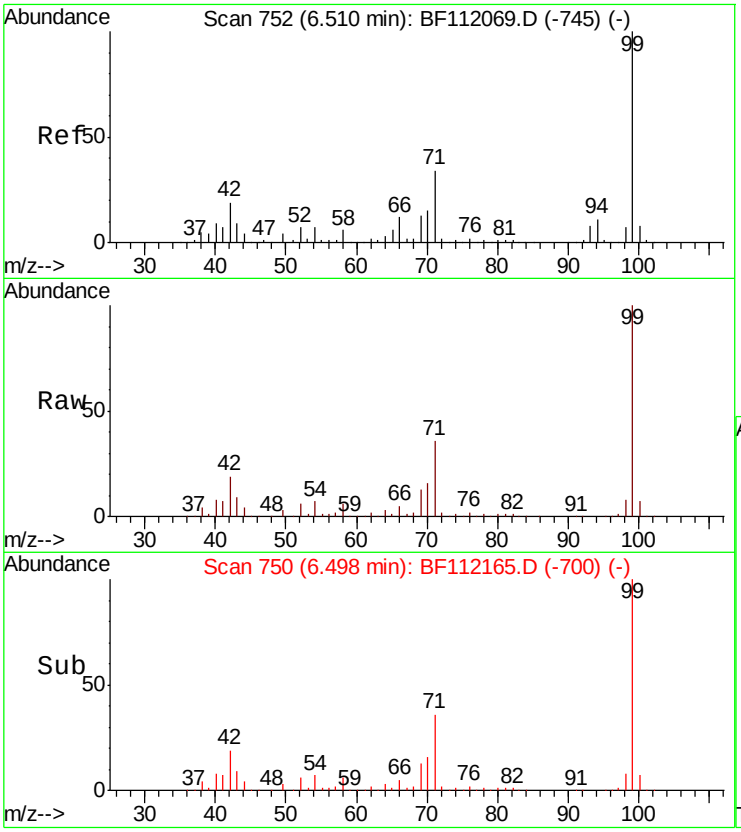


#5
2-Fluorophenol
Concen: 107.503 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion:112 Resp: 1310719

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.7	68.5
63	30.8	23.6	35.4



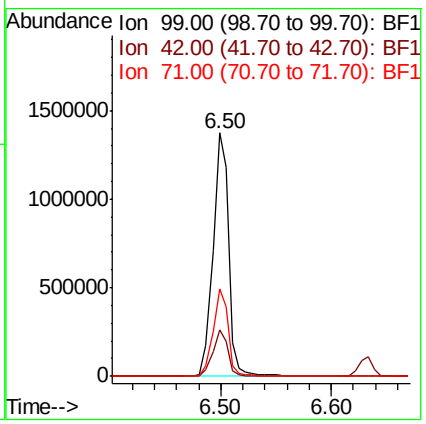


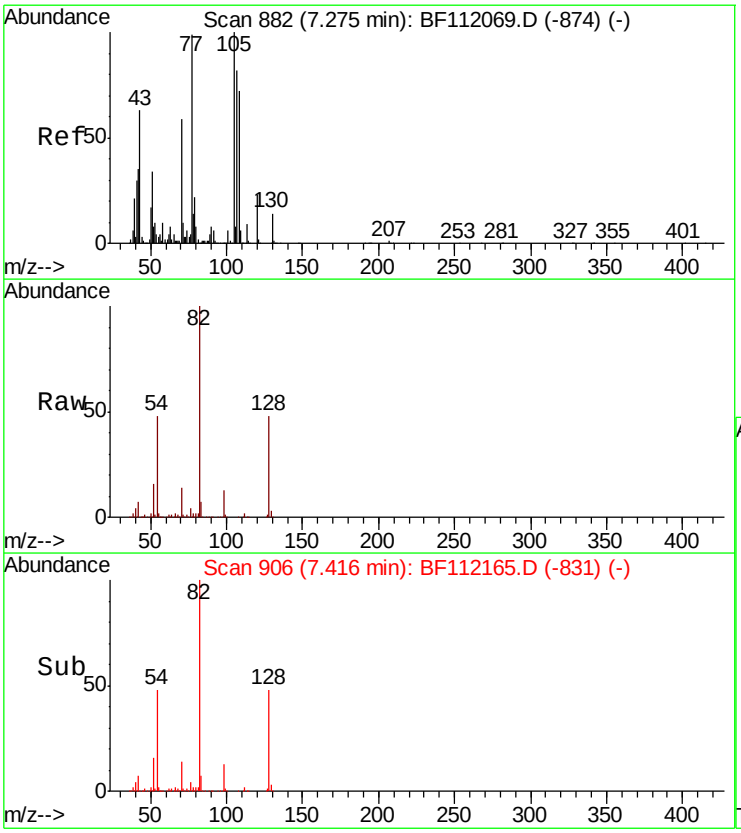
#7
Phenol-d6
Concen: 88.002 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion: 99 Resp: 1342426

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.1	22.7
71	36.2	26.9	40.3

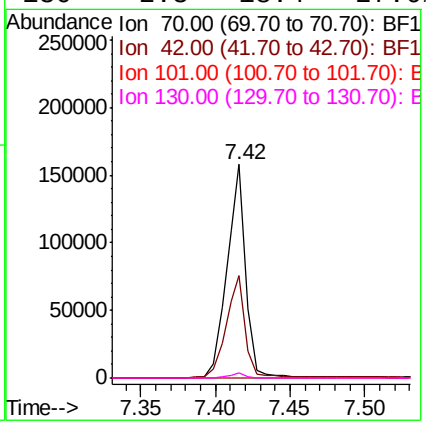


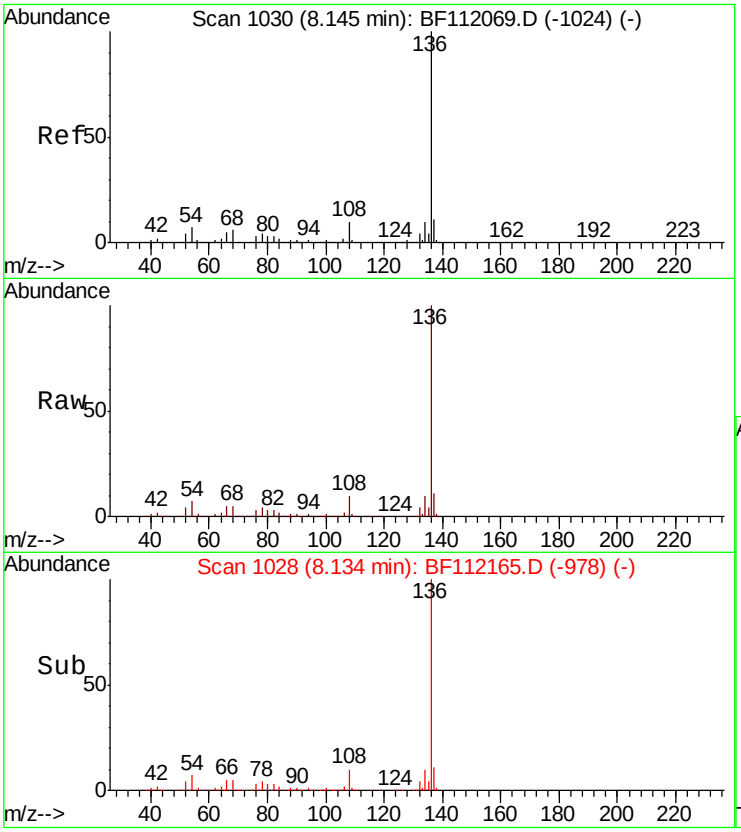


#19
n-Nitroso-di-n-propylamine
Concen: 15.111 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion: 70 Resp: 140428

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.6	71.4
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



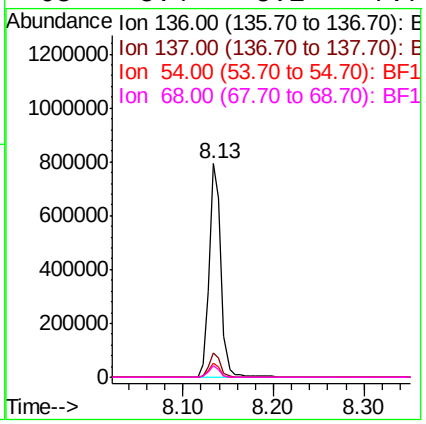


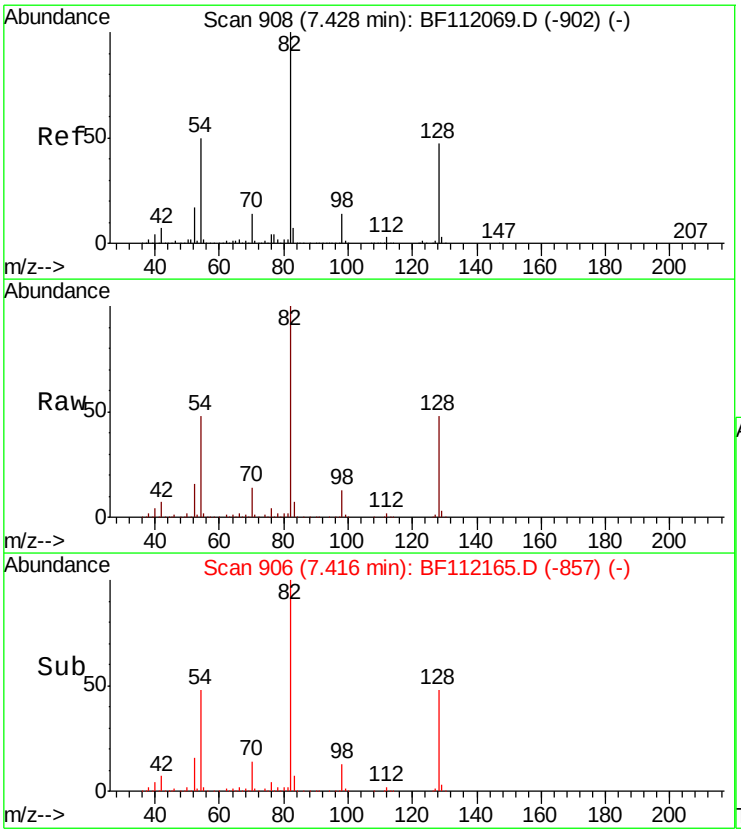
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion:136 Resp: 733628

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.8	5.9	8.9
68	5.4	5.1	7.7

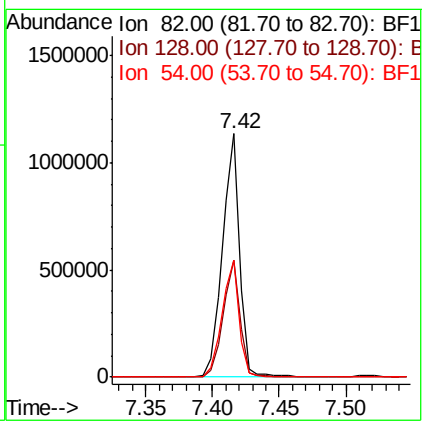


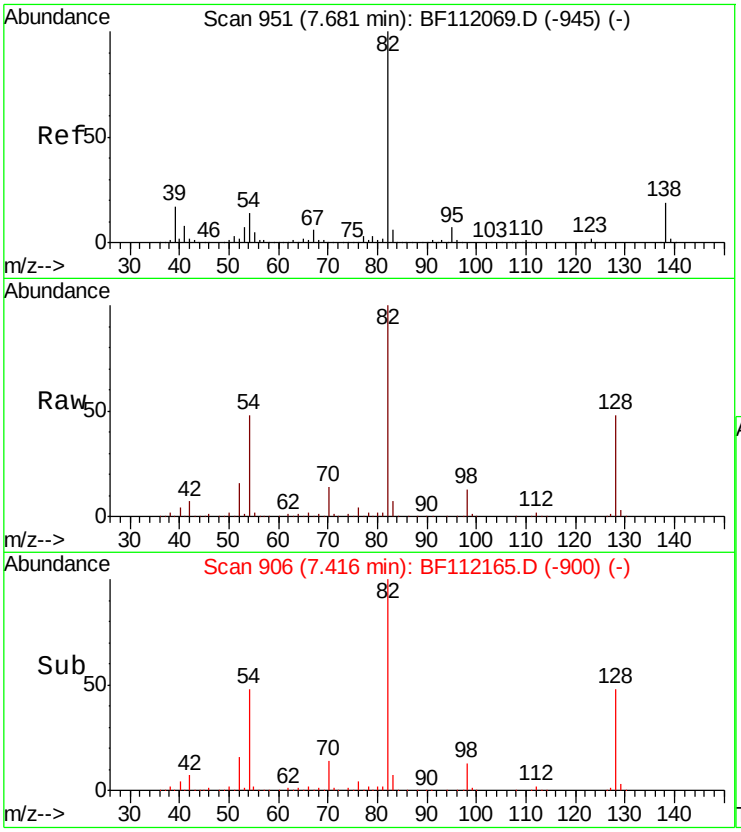


#23
Nitrobenzene-d5
Concen: 97.581 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion: 82 Resp: 1036175

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.8	56.8
54	48.0	39.7	59.5



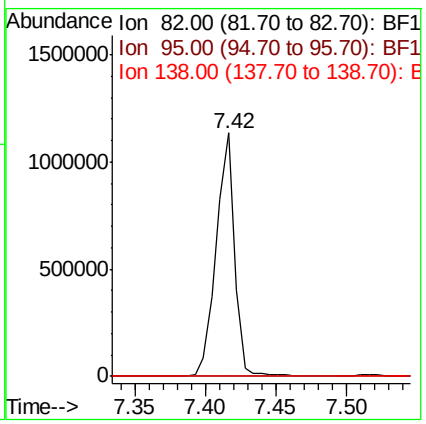


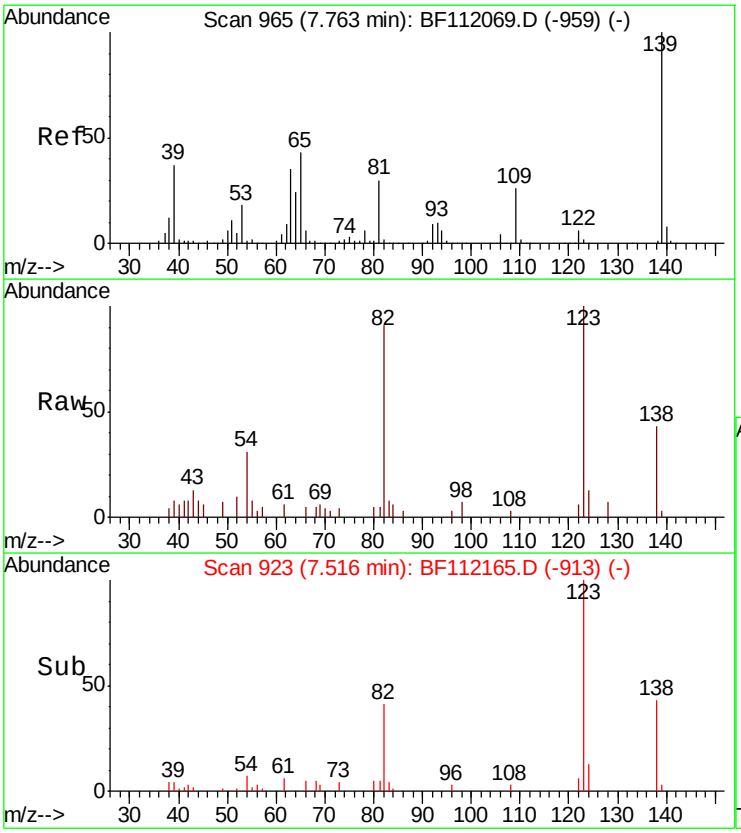
#25
Isophorone
Concen: 50.519 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion: 82 Resp: 1036158

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

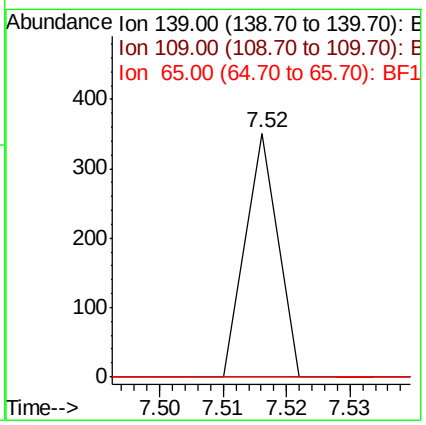


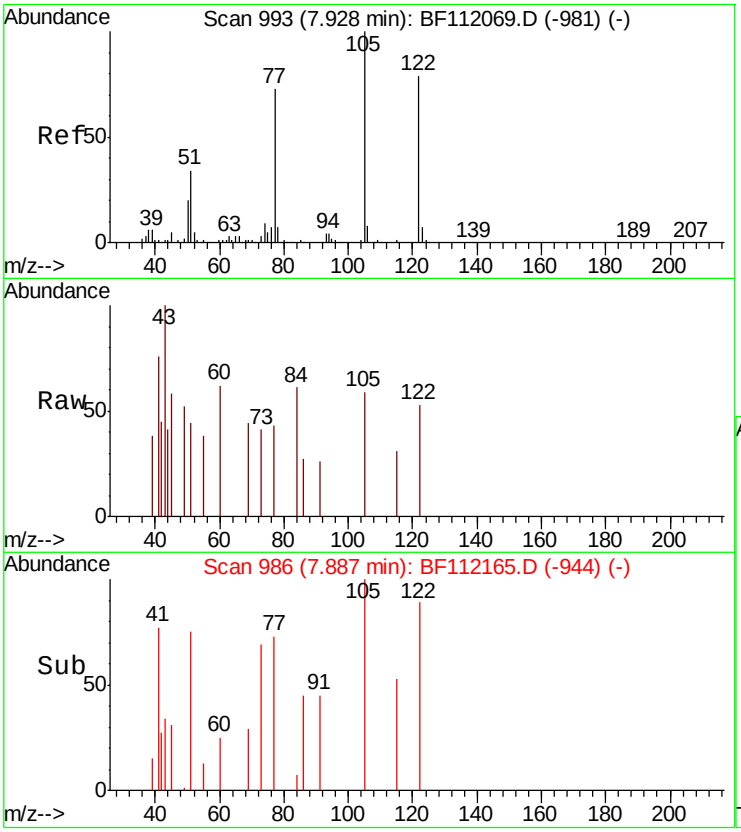


#26
2-Nitrophenol
Concen: 5.700 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.24 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion:139 Resp: 124

Ion	Ratio	Lower	Upper
139	100		
109	0.0	20.8	31.2#
65	0.0	34.4	51.6#



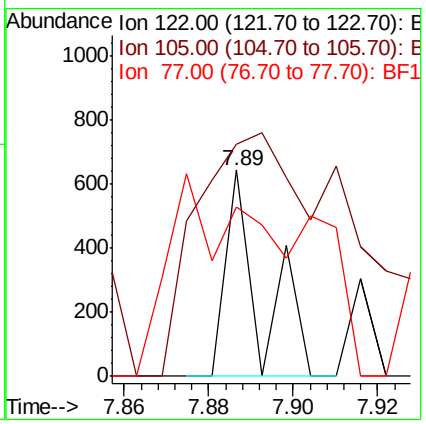


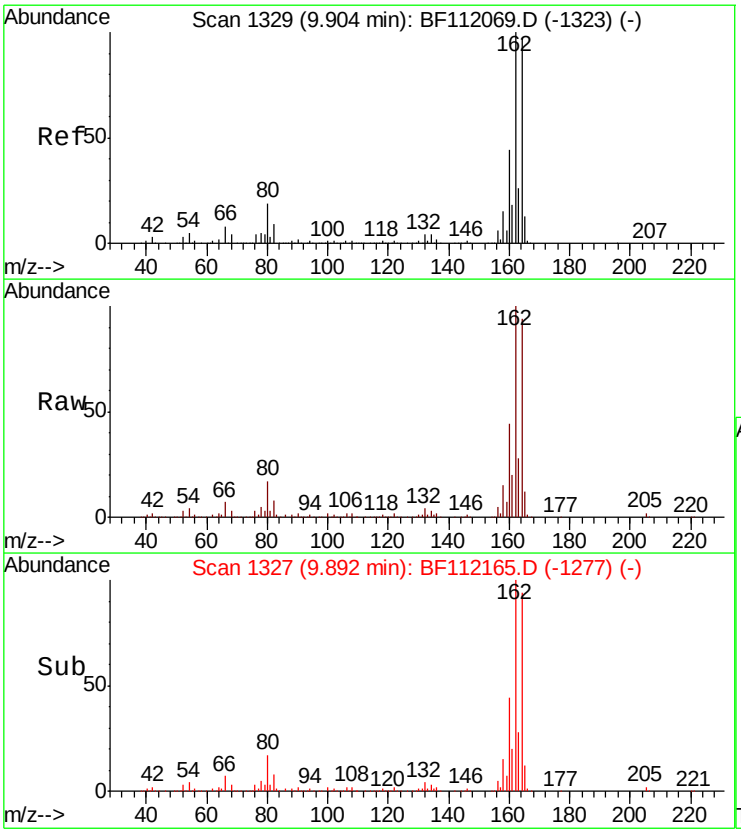
#32
Benzoic acid
Concen: 7.262 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.05 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion:122 Resp: 373

Ion	Ratio	Lower	Upper
122	100		
105	112.4	101.2	141.2
77	81.9	70.4	110.4

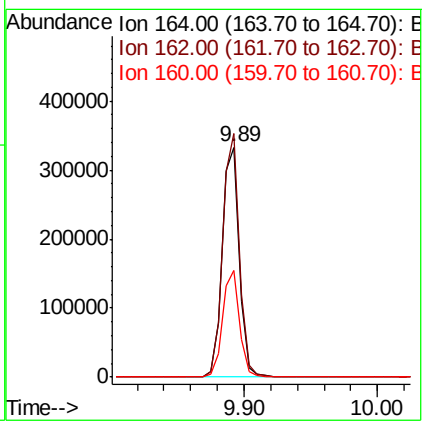


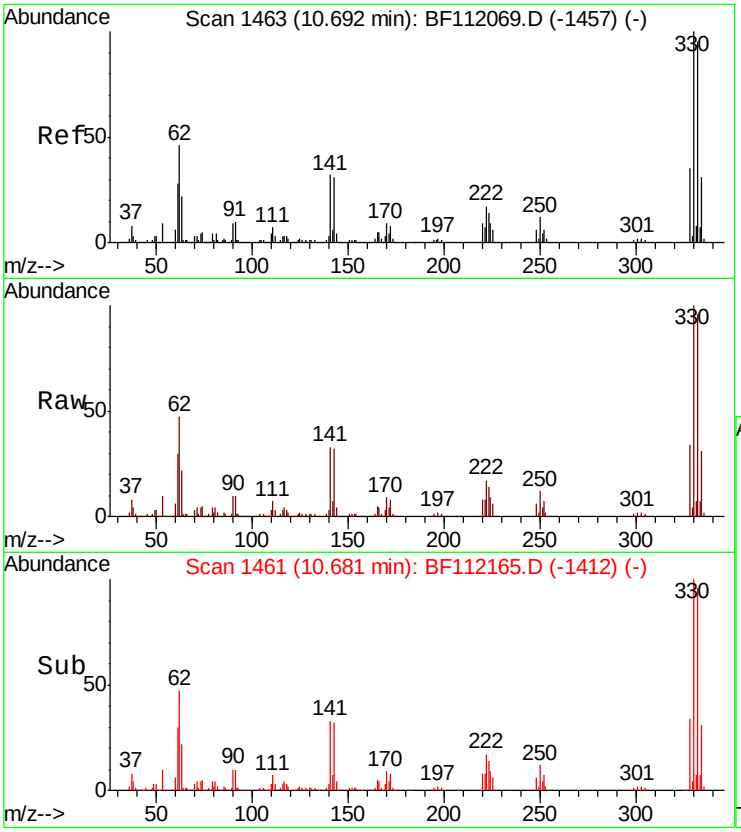


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion:164 Resp: 300358

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.2	123.4
160	46.4	36.2	54.4



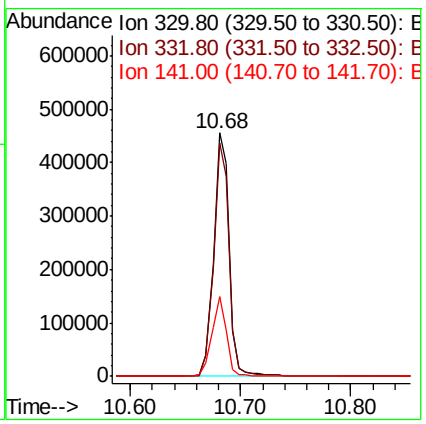


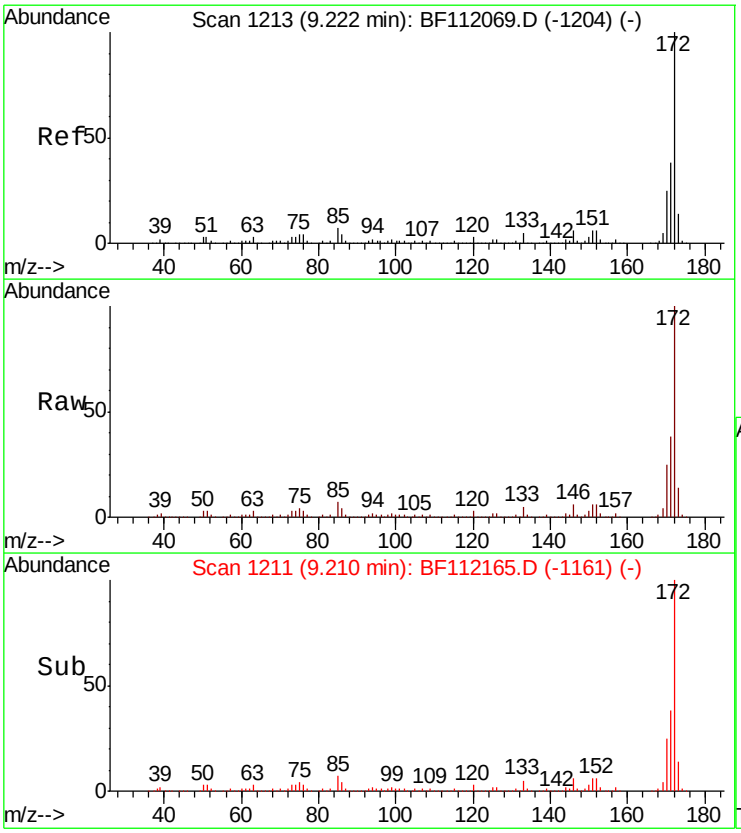
#42
2,4,6-Tribromophenol
Concen: 135.749 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion:330 Resp: 439856

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	30.7	24.3	36.5

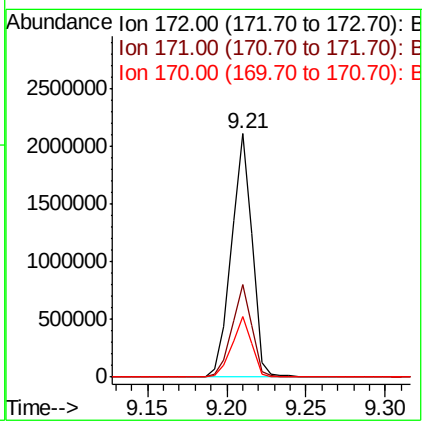


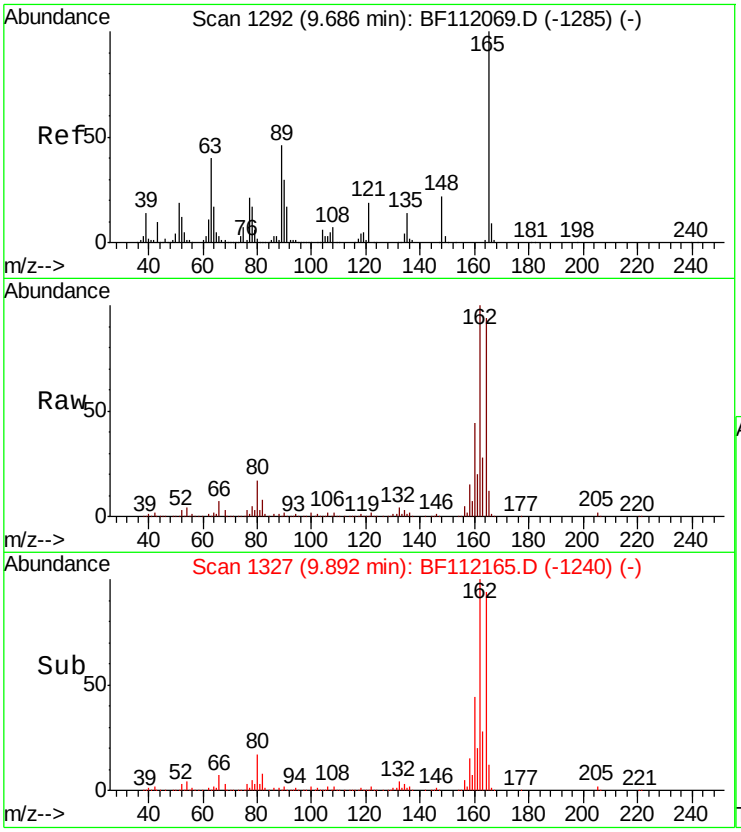


#45
2-Fluorobiphenyl
Concen: 93.552 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion:172 Resp: 1916576

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	24.8	20.2	30.4



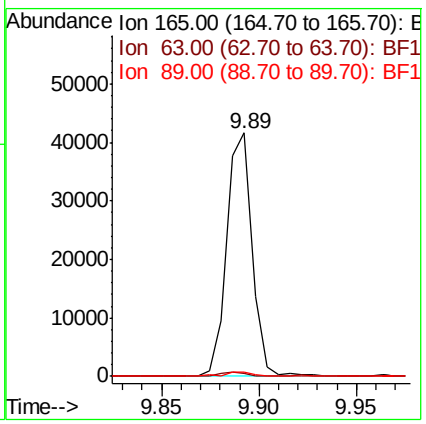


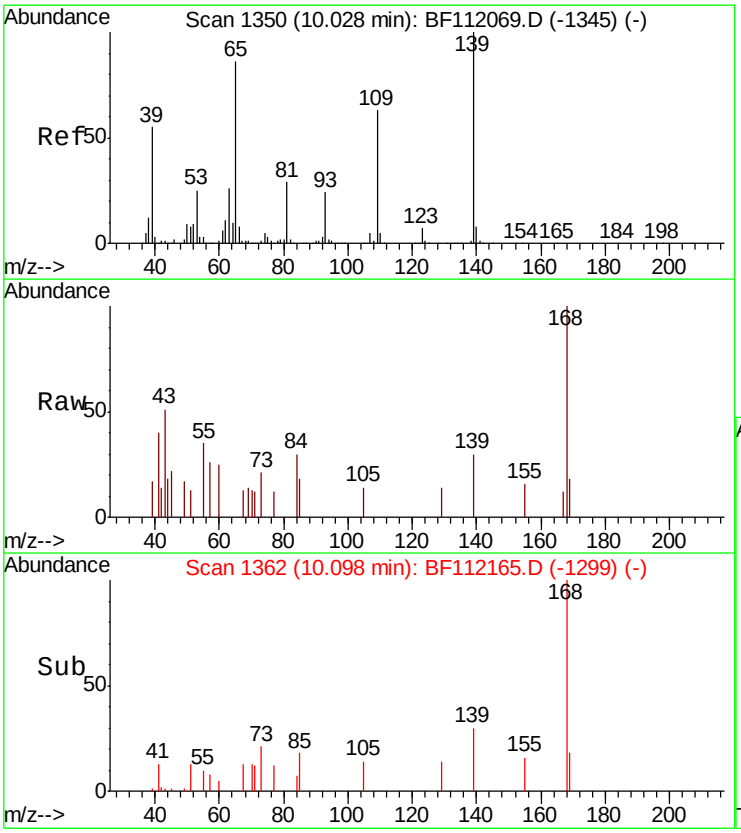
#51
2,6-Dinitrotoluene
Concen: 8.586 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion:165 Resp: 37558

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.8	36.9	55.3#

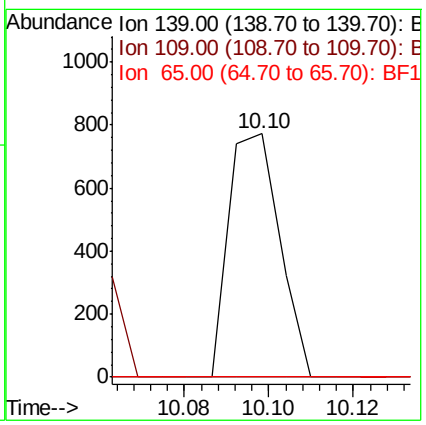


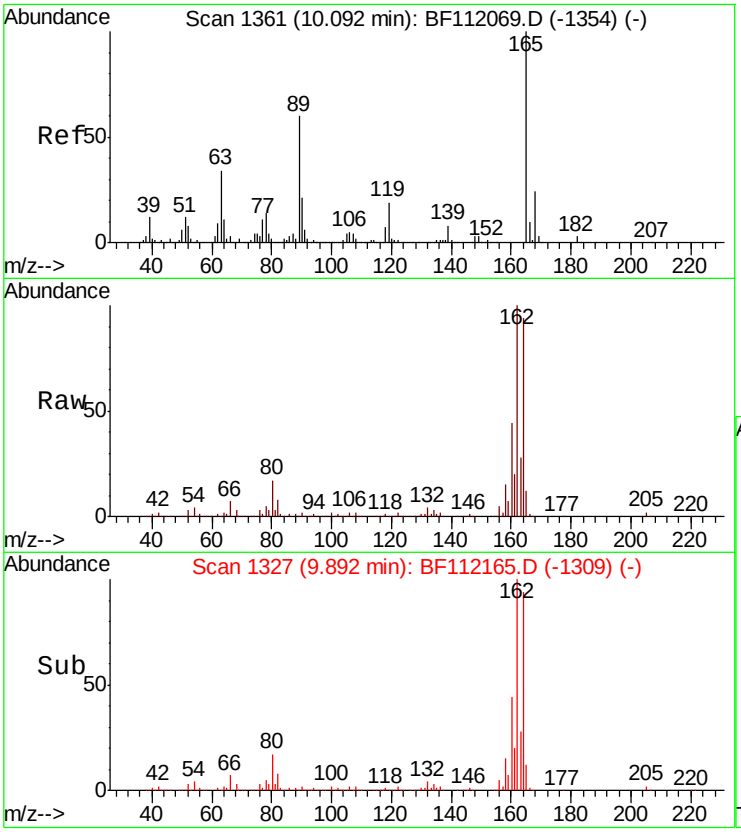


#56
4-Nitrophenol
Concen: 5.827 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.07 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion:139 Resp: 649

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#



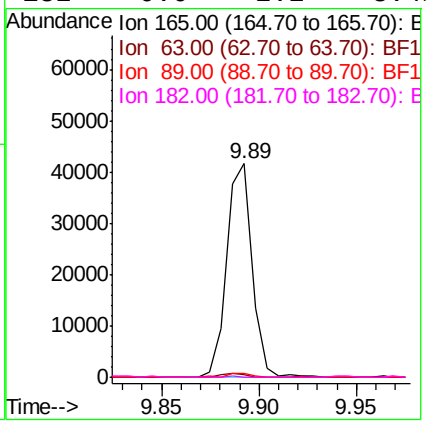


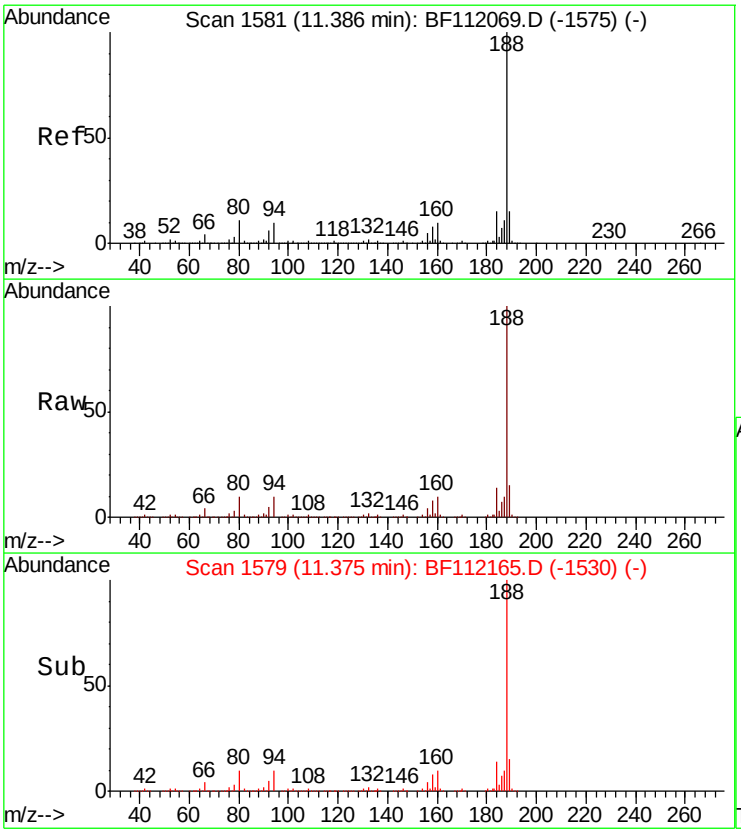
#57
2,4-Dinitrotoluene
Concen: 10.632 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion:165 Resp: 37558

Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.8	47.9	71.9#
182	0.0	2.2	3.4#

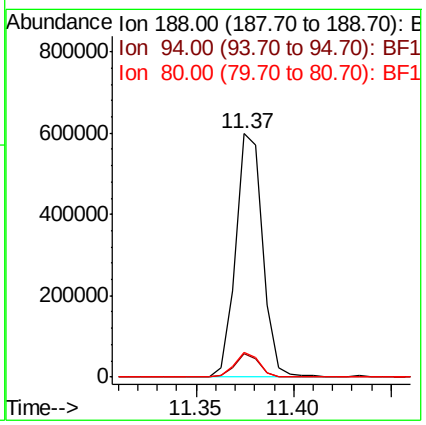


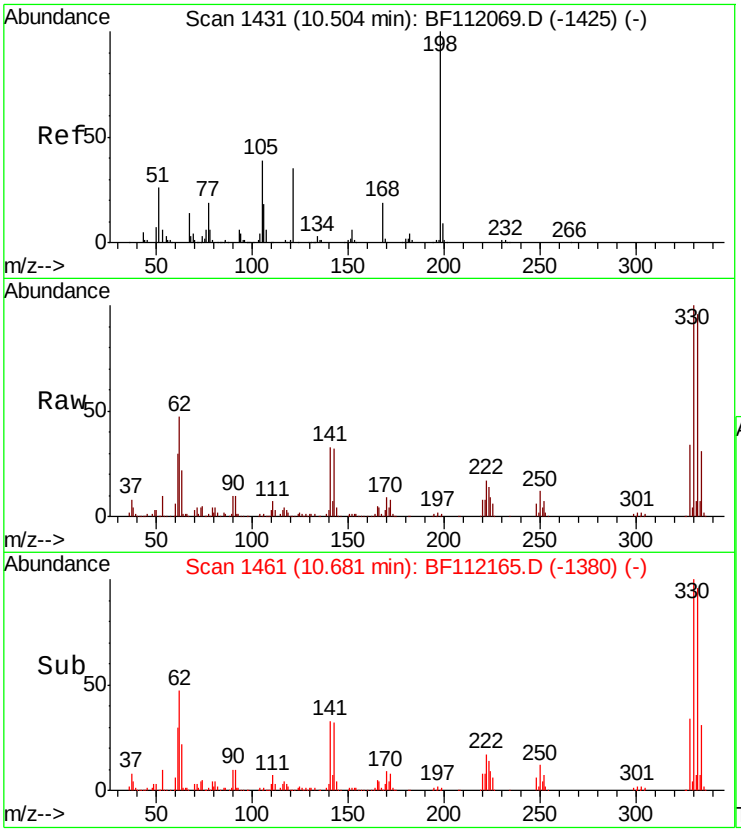


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion:188 Resp: 574312

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.3	8.9	13.3



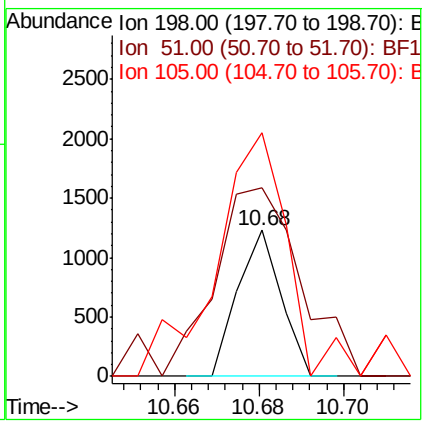


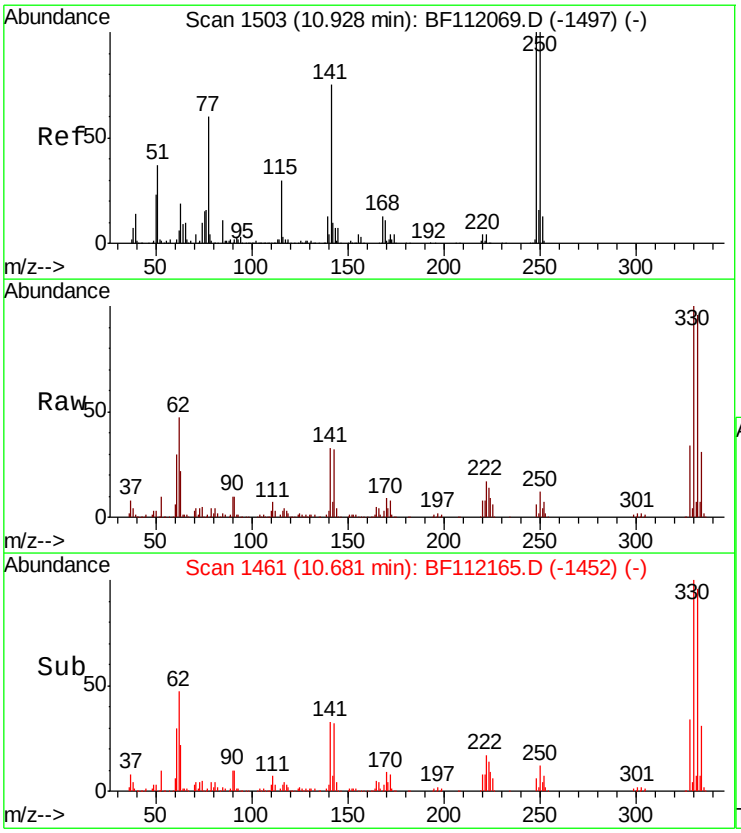
#65
4,6-Dinitro-2-methylphenol
Concen: 10.358 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion:198 Resp: 875

Ion	Ratio	Lower	Upper
198	100		
51	129.2	17.2	57.2#
105	166.7	21.9	61.9#

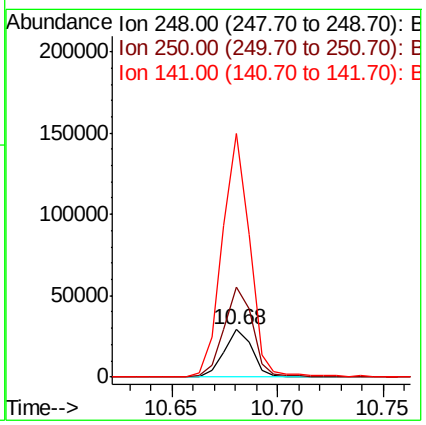


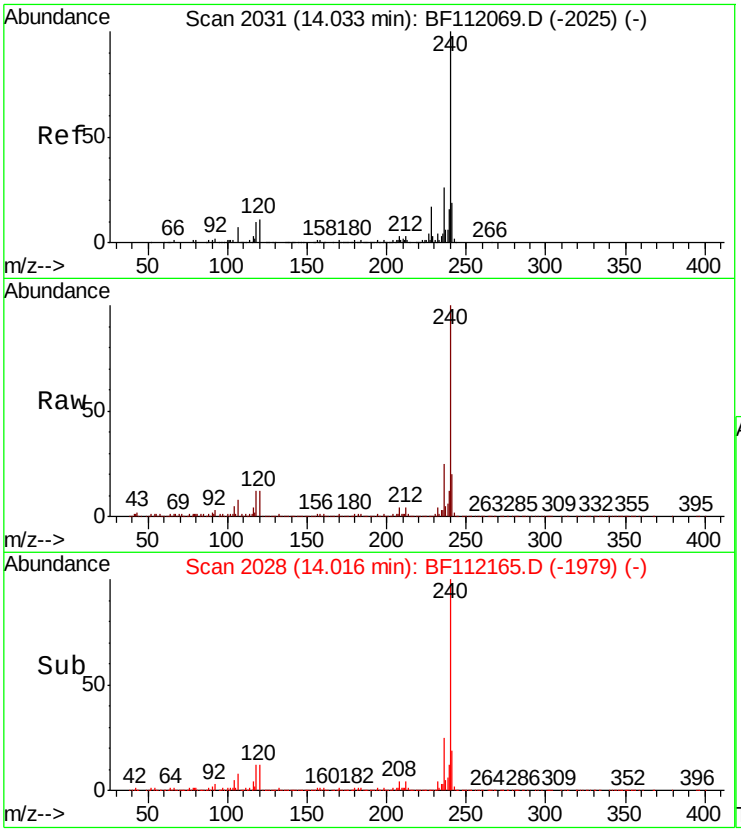


#67
4-Bromophenyl-phenylether
Concen: 4.013 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion:248 Resp: 26770

Ion	Ratio	Lower	Upper
248	100		
250	190.7	79.7	119.5#
141	512.4	60.3	90.5#



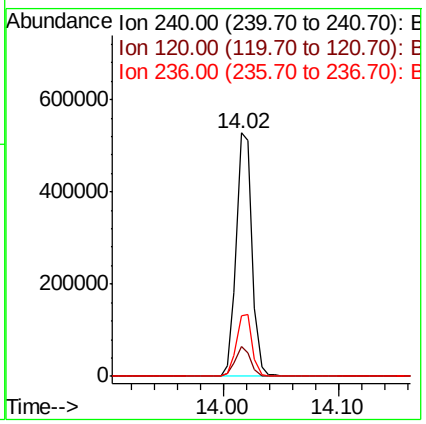


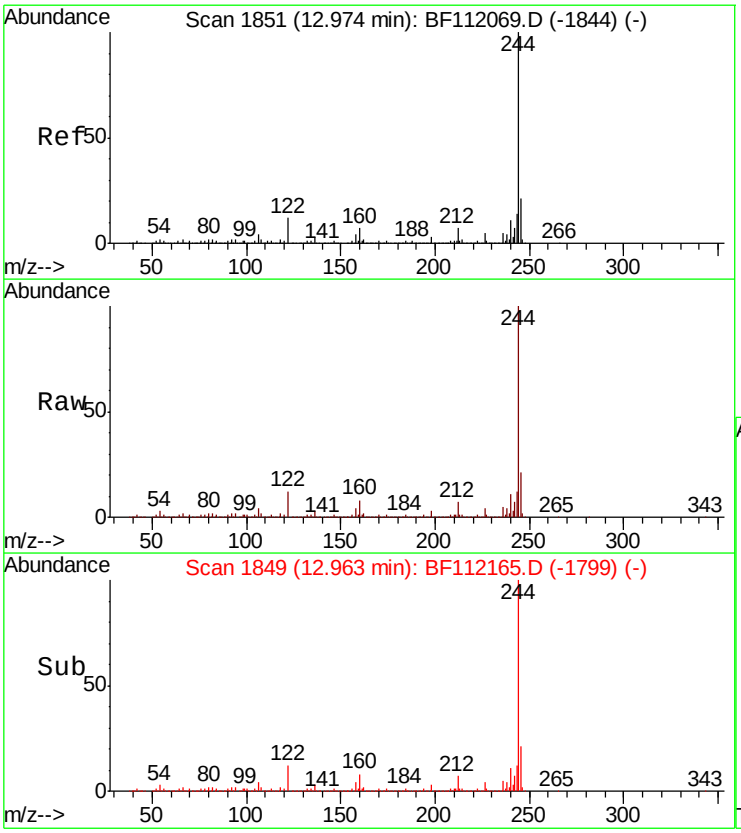
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion:240 Resp: 505089

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.6
236	25.1	20.7	31.1

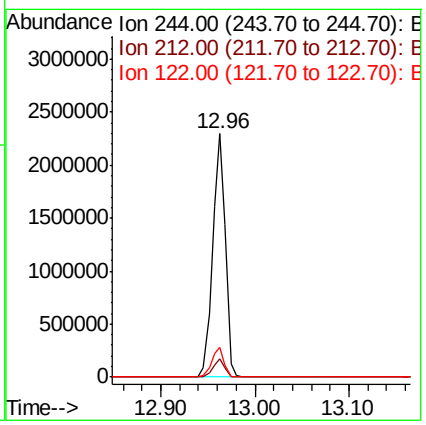


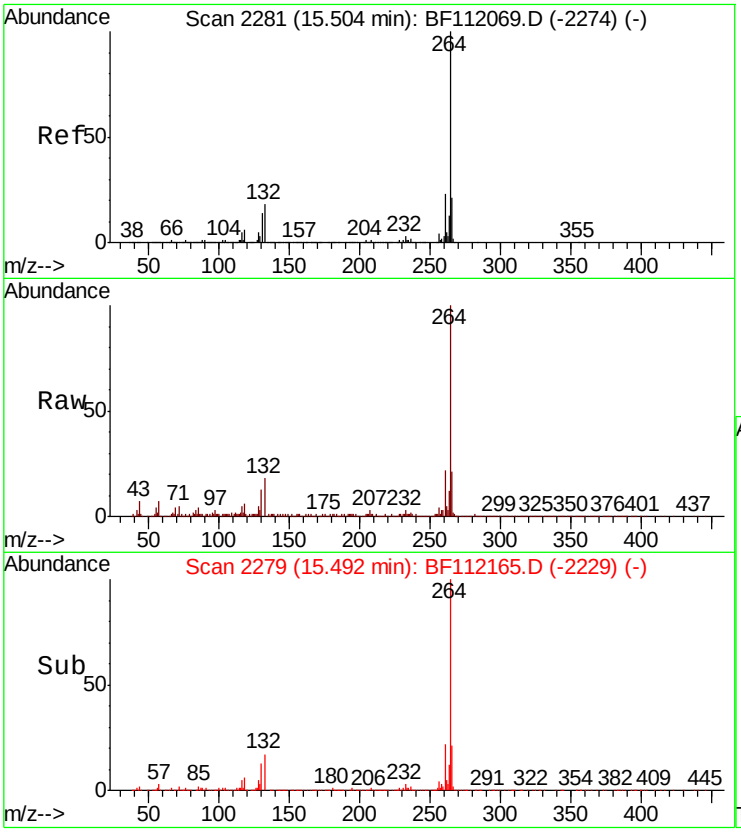


#79
Terphenyl-d14
Concen: 92.447 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Tgt Ion:244 Resp: 2194899

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	12.4	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112165.D
Acq: 21 Jan 2019 18:16

Instrument :
BNA_F
ClientSampleId :
CL-01-011819-D

Tgt Ion:264 Resp: 372119

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.2
265	21.0	17.0	25.4