Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112166.D
Acq On : 21 Jan 2019 18:44
Operator : JU/SJ
Sample : K1013-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-011819-A

Quant Time: Jan 22 00:48:31 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	221113	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	748271	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	308682	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	580648	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	506357	20.00	ng		-0.01
87) Perylene-d12	15.49	264	368835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1319273	108.29	ng		0.00
7) Phenol-d6	6.50	99	1387554	91.04	ng		0.00
23) Nitrobenzene-d5	7.42	82	1067711	98.58	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	443073	133.05	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	1982920	94.18	ng		0.00
79) Terphenyl-d14	12.96	244	2210177	92.86	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.40	77	1418	Below Cal			92
19) n-Nitroso-di-n-propylamine	7.42	70	142705	15.369	ng	#	76
25) Isophorone	7.42	82	1065206	50.919	ng	#	63
26) 2-Nitrophenol	7.52	139	419	5.743	ng	#	39
32) Benzoic acid	7.92	122	112	7.195	ng	#	49
51) 2,6-Dinitrotoluene	9.89	165	39304	8.743	ng	#	35
56) 4-Nitrophenol	10.09	139	1504	6.044	ng	#	12
57) 2,4-Dinitrotoluene	9.89	165	39304	10.742	ng	#	32
65) 4,6-Dinitro-2-methylphenol	10.68	198	870	10.353	ng	#	1
67) 4-Bromophenyl-phenylether	10.68	248	25619	3.799	ng	#	1

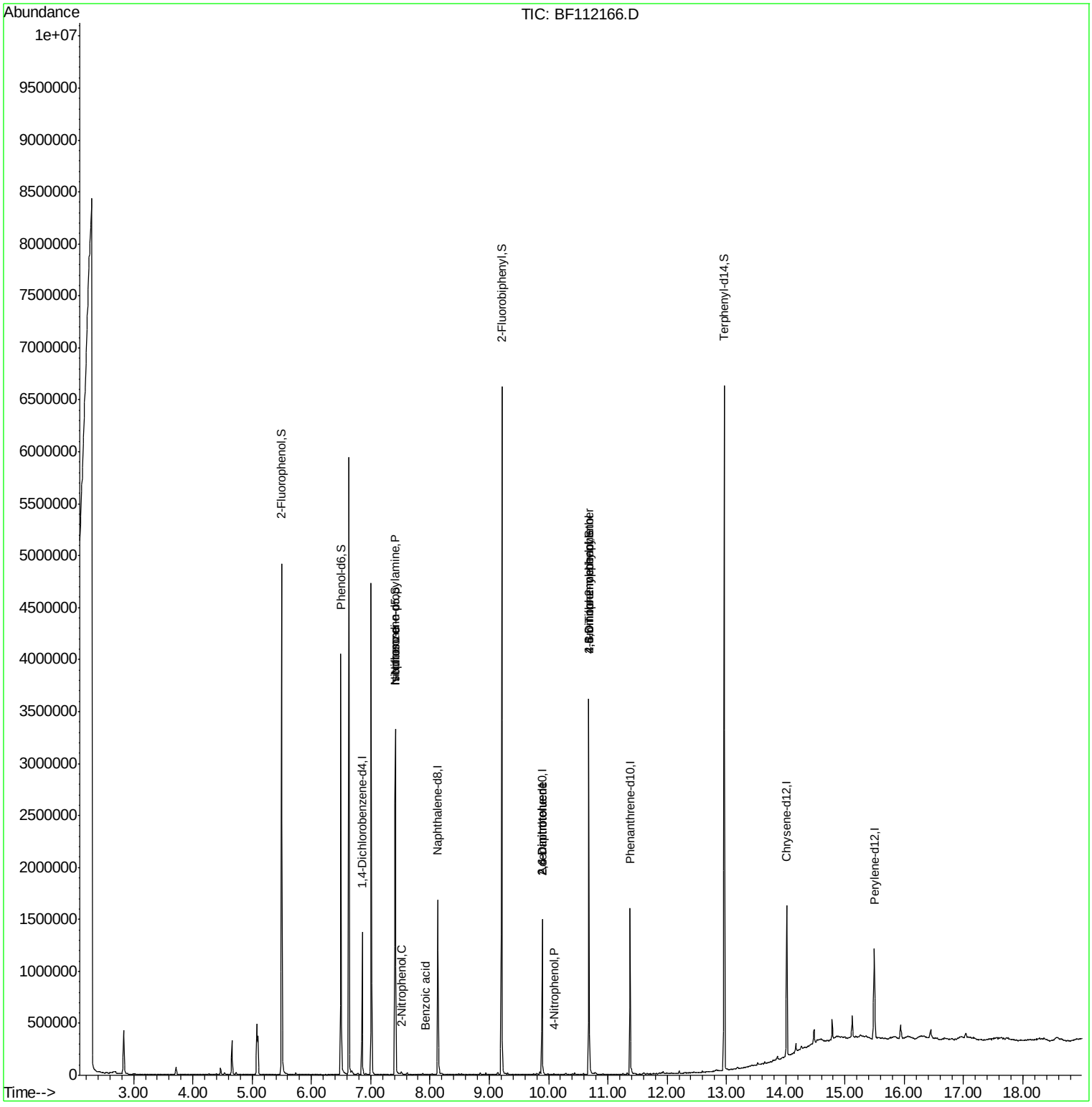
(#) = qualifier out of range (m) = manual integration (+) = signals summed

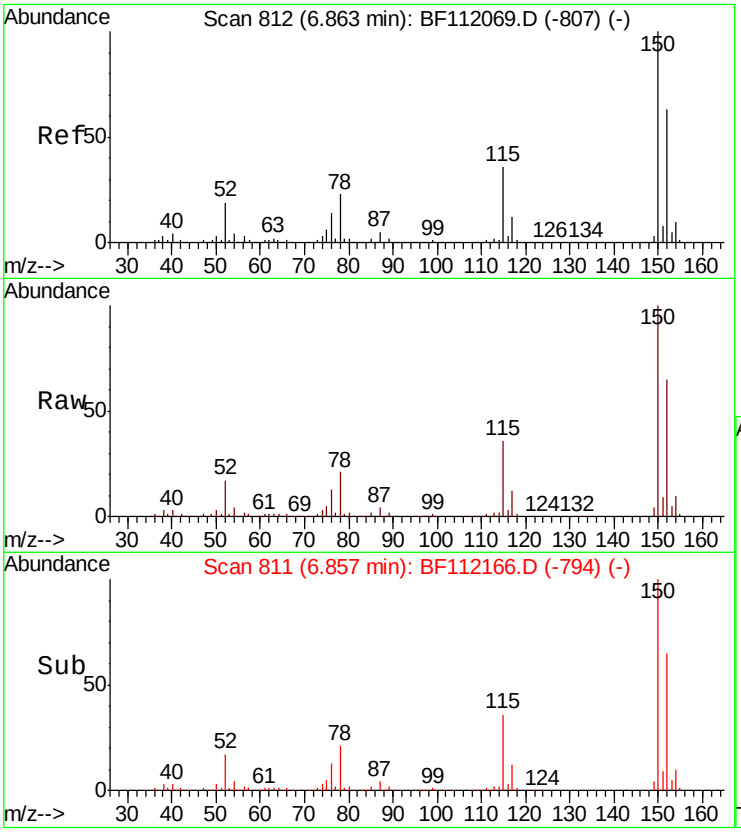
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112166.D
Acq On : 21 Jan 2019 18:44
Operator : JU/SJ
Sample : K1013-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Quant Time: Jan 22 00:48:31 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



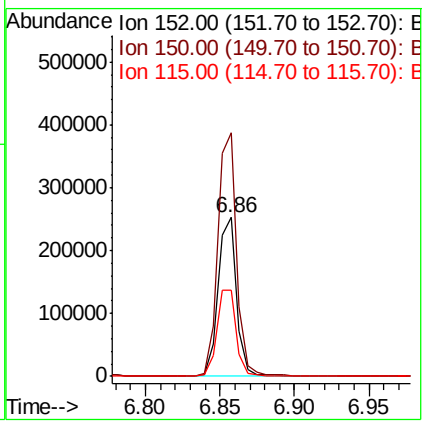


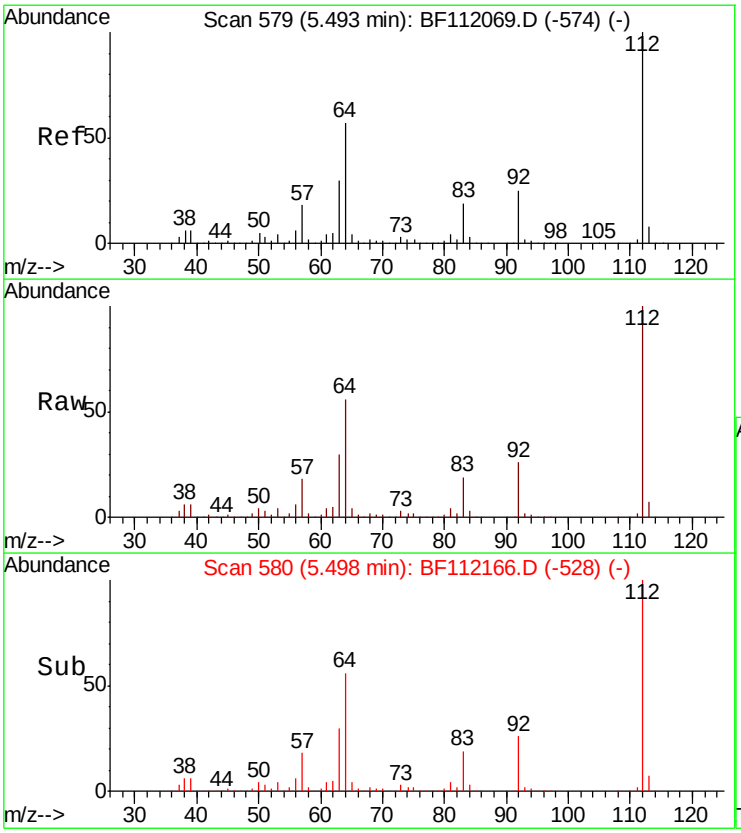
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:152 Resp: 221113

Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	54.5	45.5	68.3

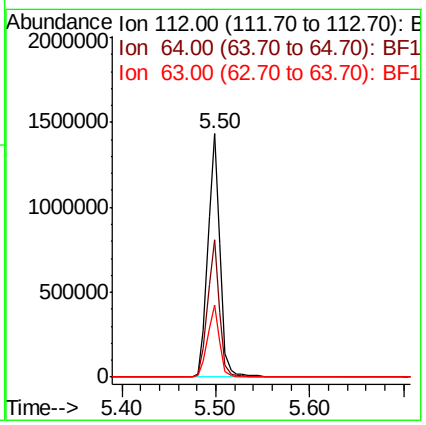


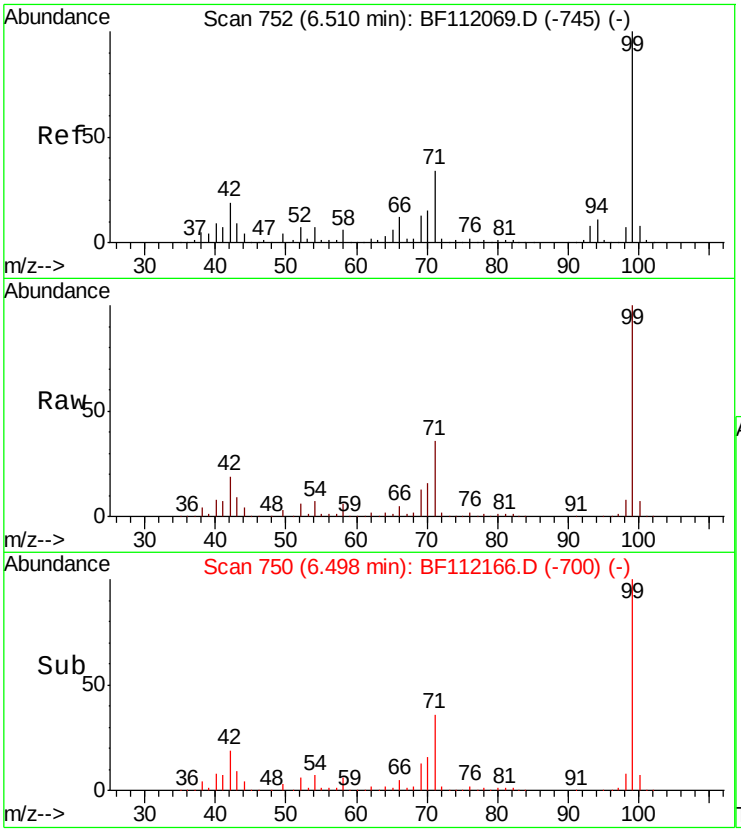


#5
2-Fluorophenol
Concen: 108.294 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Tgt Ion:112 Resp: 1319273

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.7	68.5
63	29.8	23.6	35.4



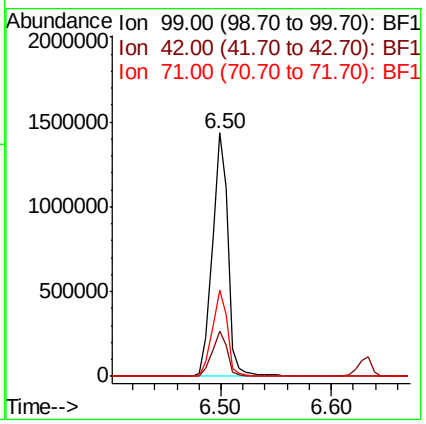


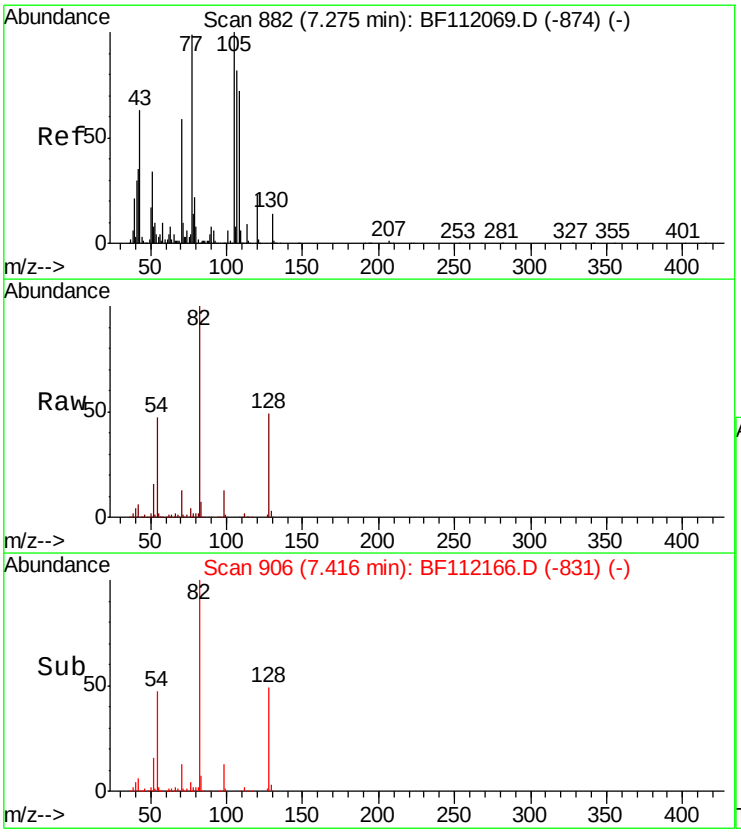
#7
Phenol-d6
Concen: 91.036 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion: 99 Resp: 1387554

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	35.6	26.9	40.3

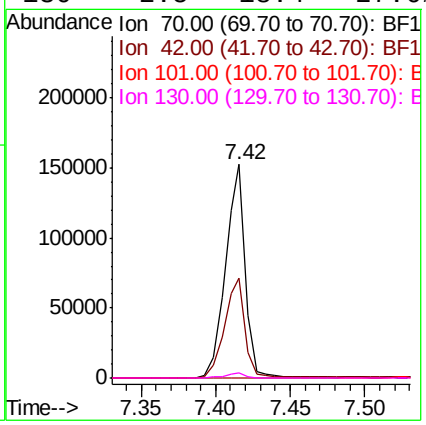


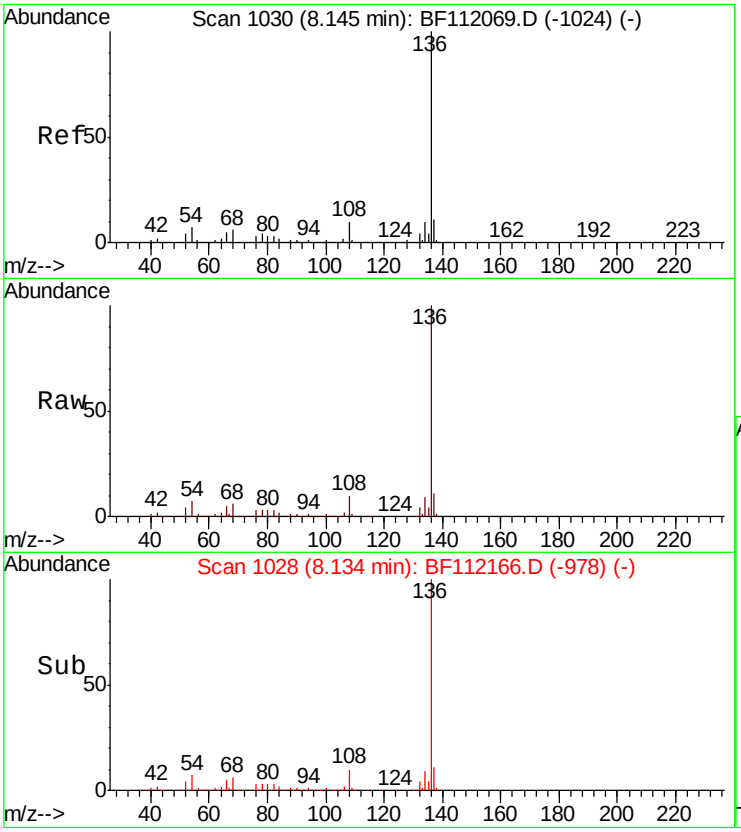


#19
n-Nitroso-di-n-propylamine
Concen: 15.369 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Tgt Ion: 70 Resp: 142705

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.6	71.4#
101	0.0	7.9	11.9#
130	2.5	18.4	27.6#



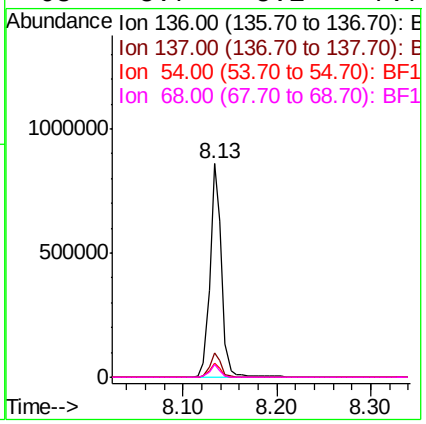


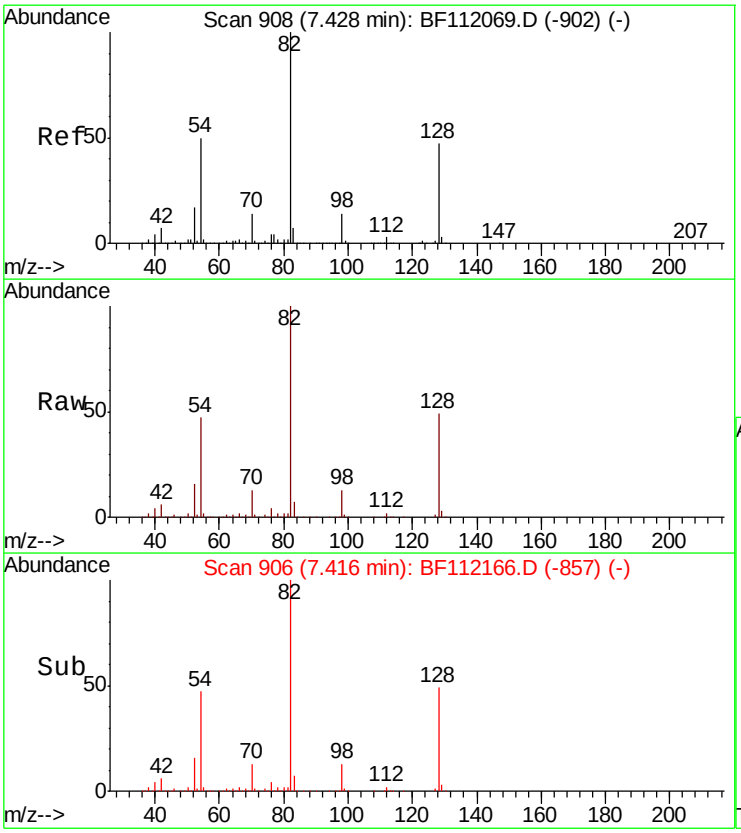
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:136 Resp: 748271

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.7	5.9	8.9
68	5.7	5.1	7.7

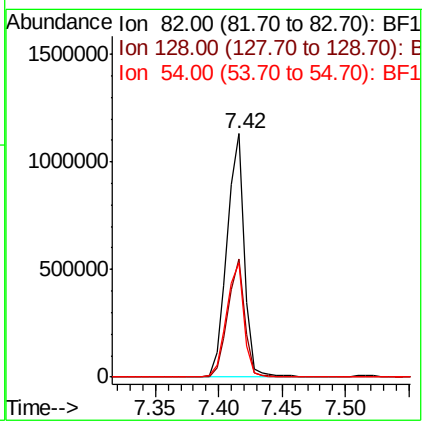


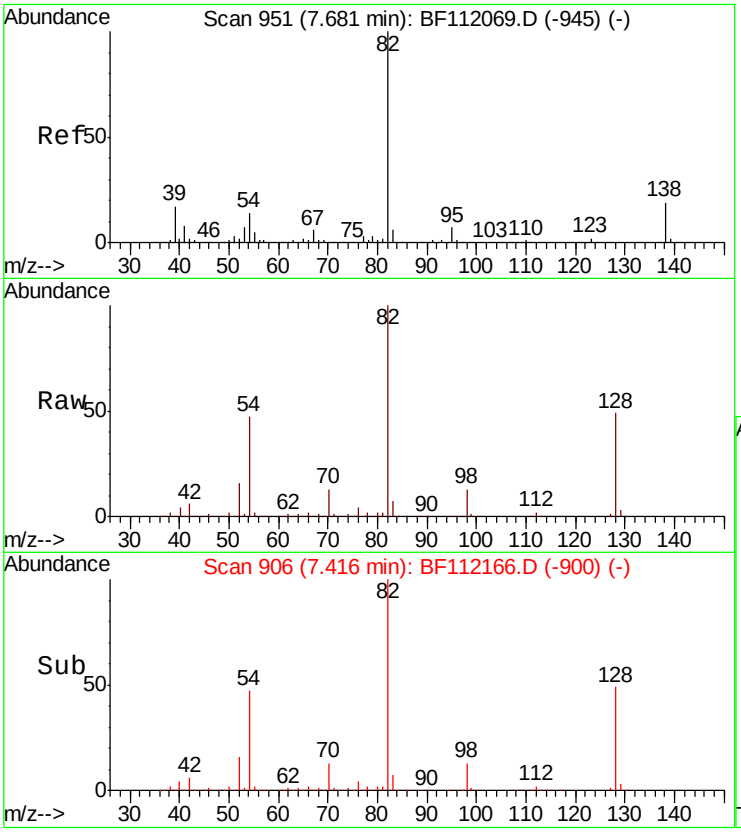


#23
Nitrobenzene-d5
Concen: 98.583 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Tgt Ion: 82 Resp: 1067711

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.8	56.8
54	47.1	39.7	59.5



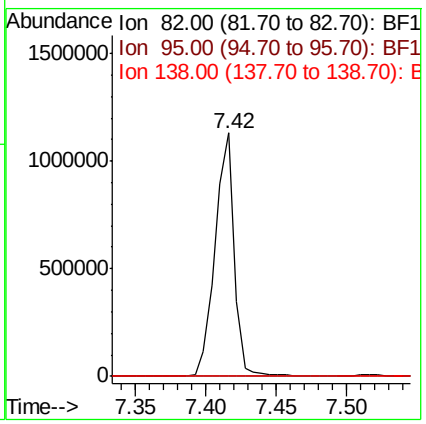


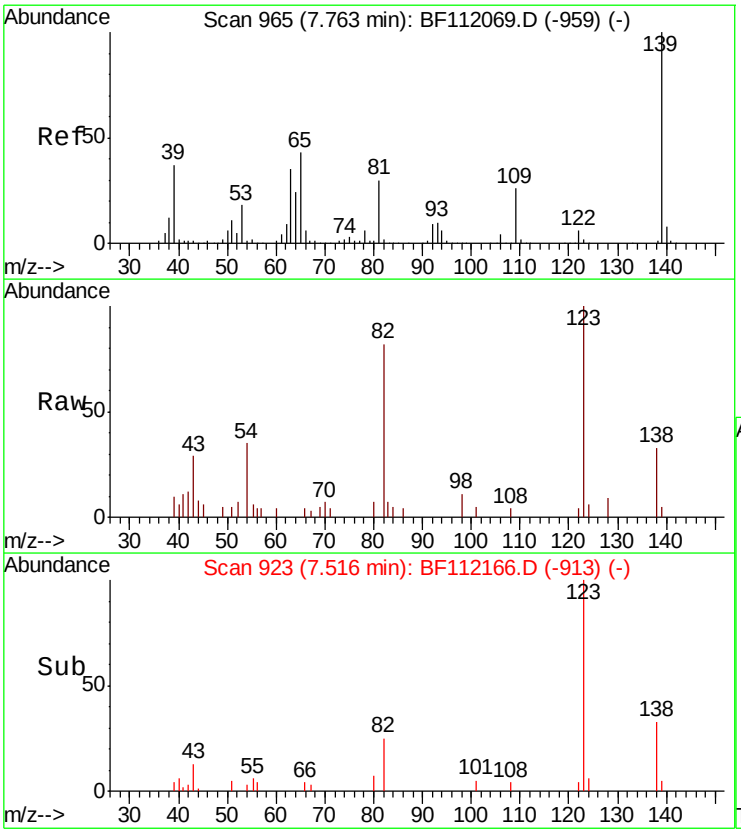
#25
Isophorone
Concen: 50.919 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion: 82 Resp: 1065206

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

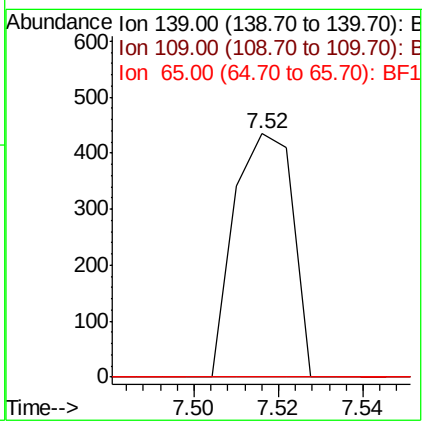


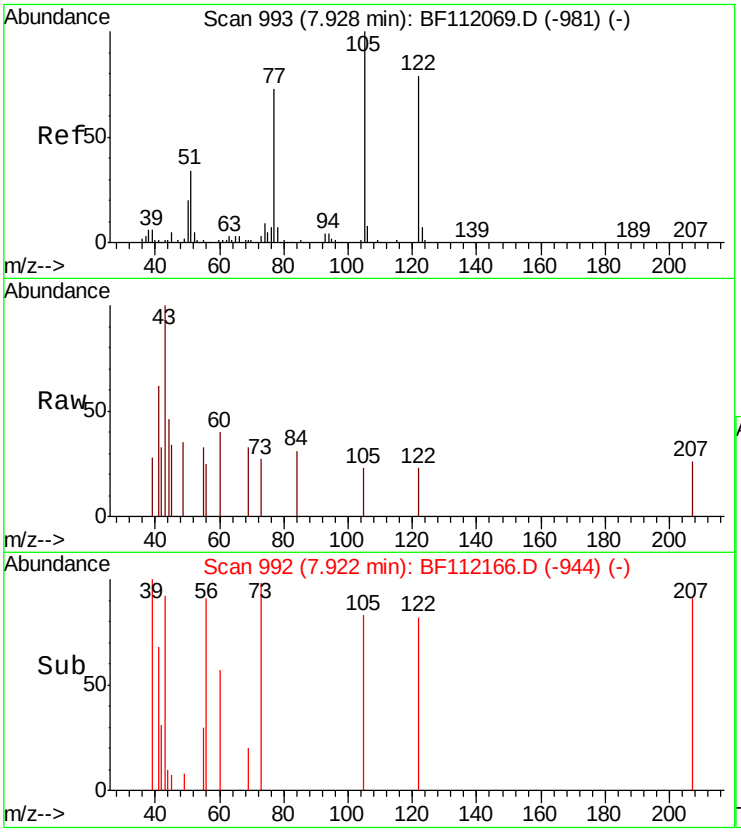


#26
2-Nitrophenol
Concen: 5.743 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.24 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Tgt Ion:139 Resp: 419

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



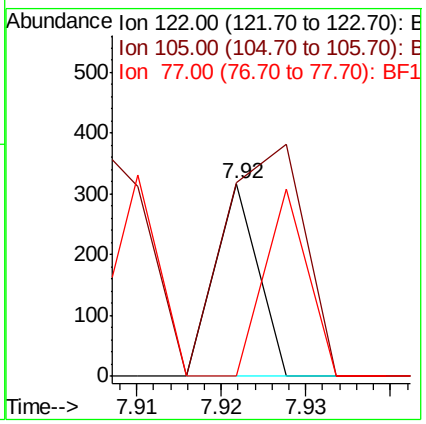


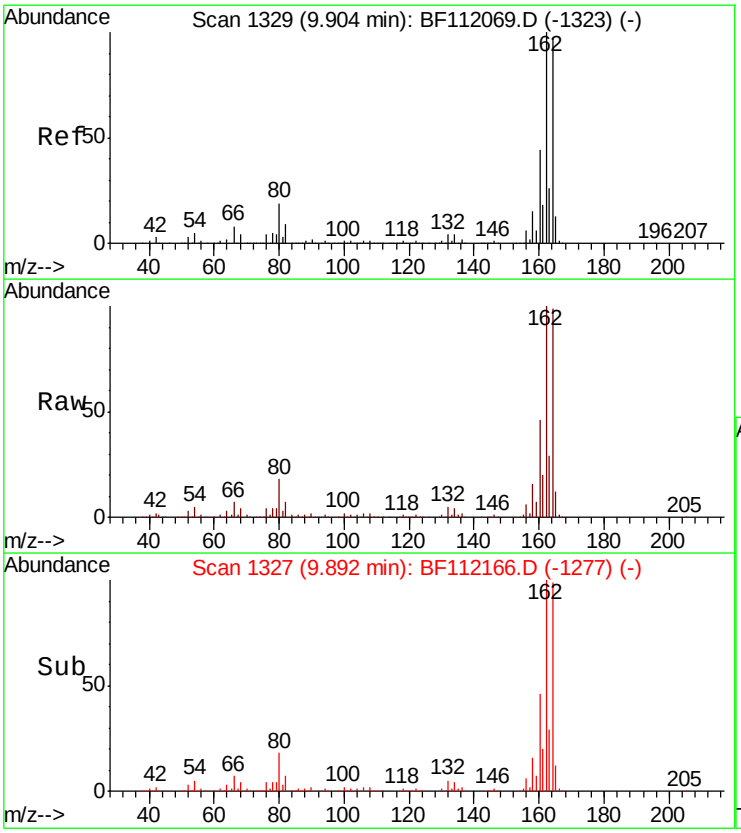
#32
Benzoic acid
Concen: 7.195 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:122 Resp: 112

Ion	Ratio	Lower	Upper
122	100		
105	100.6	101.2	141.2#
77	0.0	70.4	110.4#

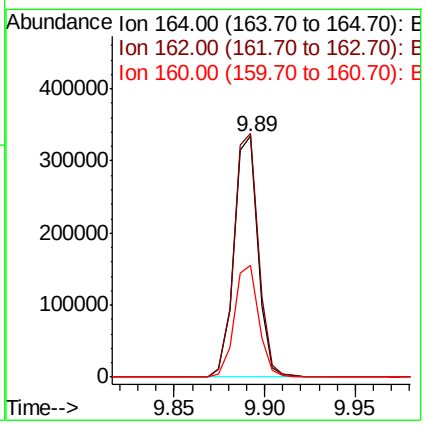


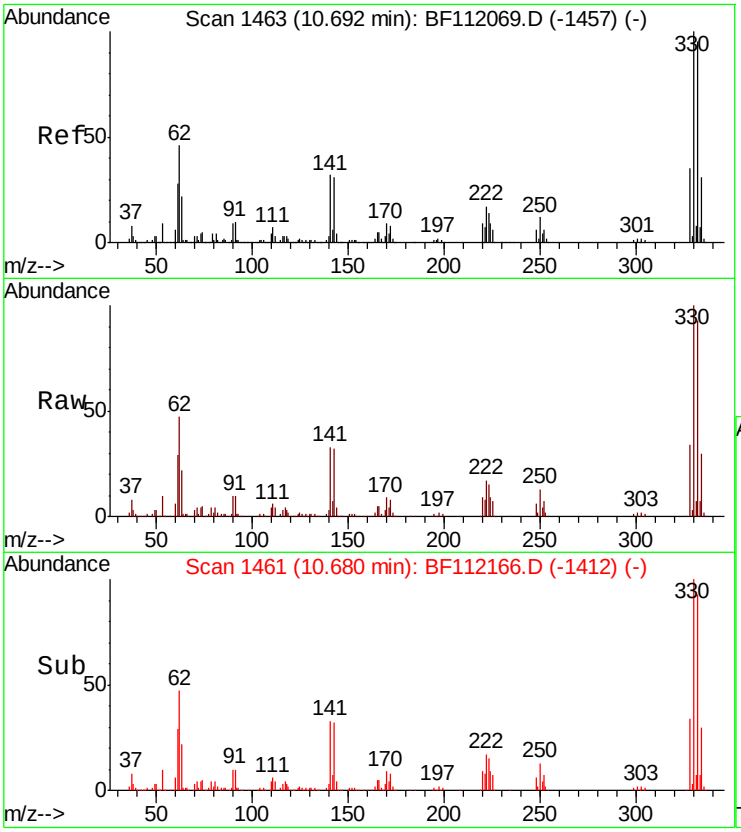


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Tgt Ion:164 Resp: 308682

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.2	123.4
160	46.6	36.2	54.4



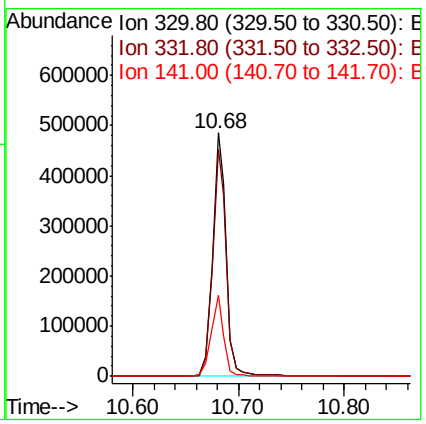


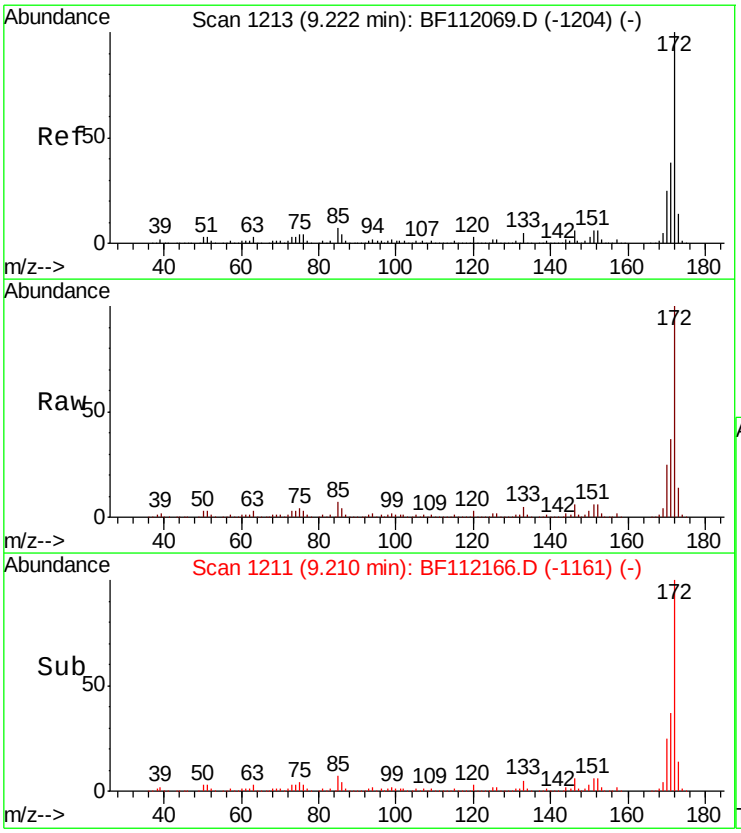
#42
2,4,6-Tribromophenol
Concen: 133.055 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:330 Resp: 443073

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	114.8
141	31.0	24.3	36.5

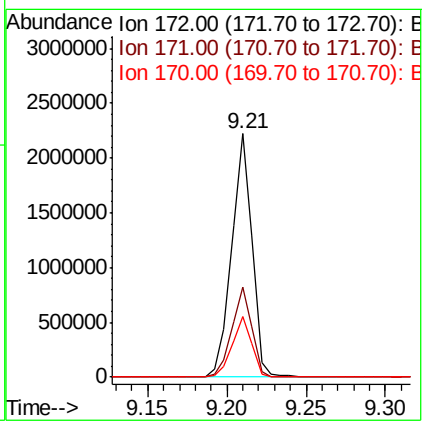


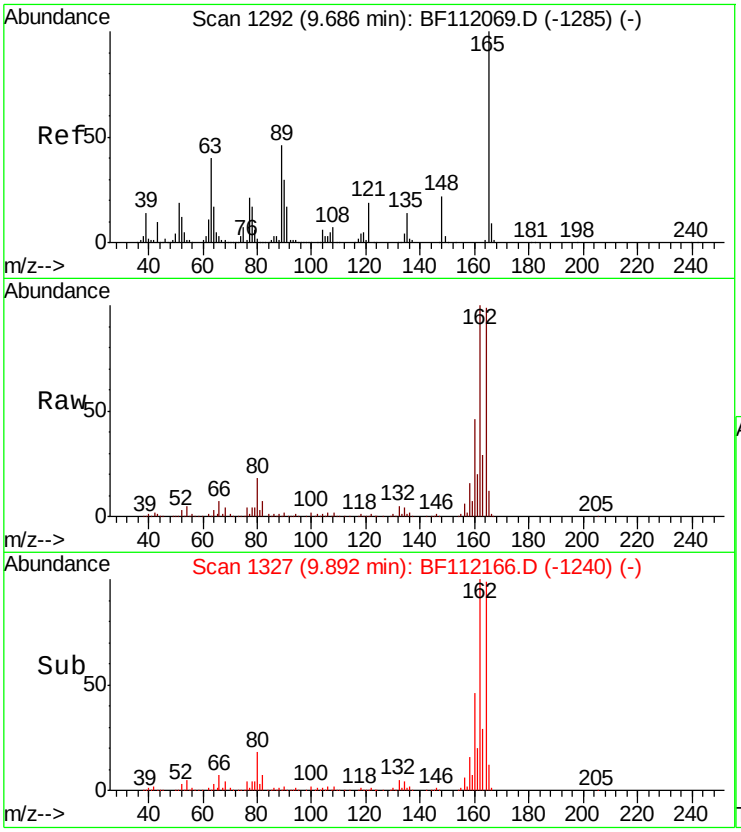


#45
2-Fluorobiphenyl
Concen: 94.180 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Tgt Ion:172 Resp: 1982920

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.9	20.2	30.4



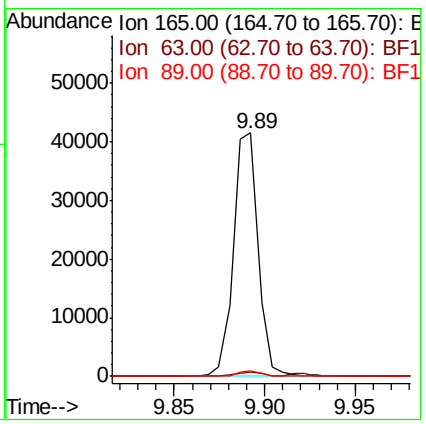


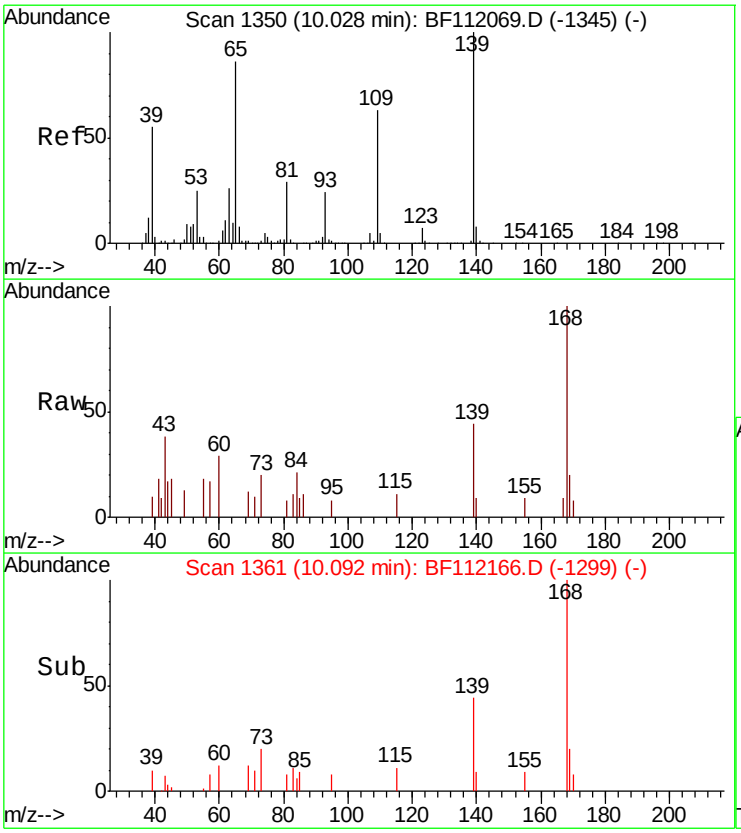
#51
2,6-Dinitrotoluene
Concen: 8.743 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:165 Resp: 39304

Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.8#
89	2.1	36.9	55.3#

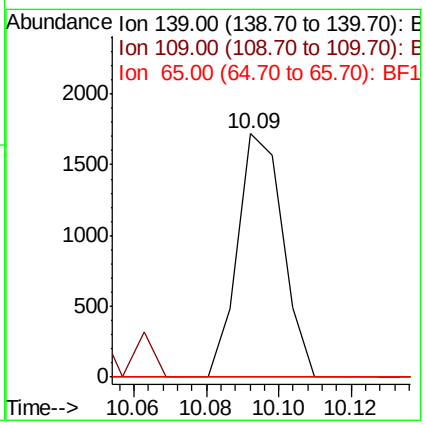


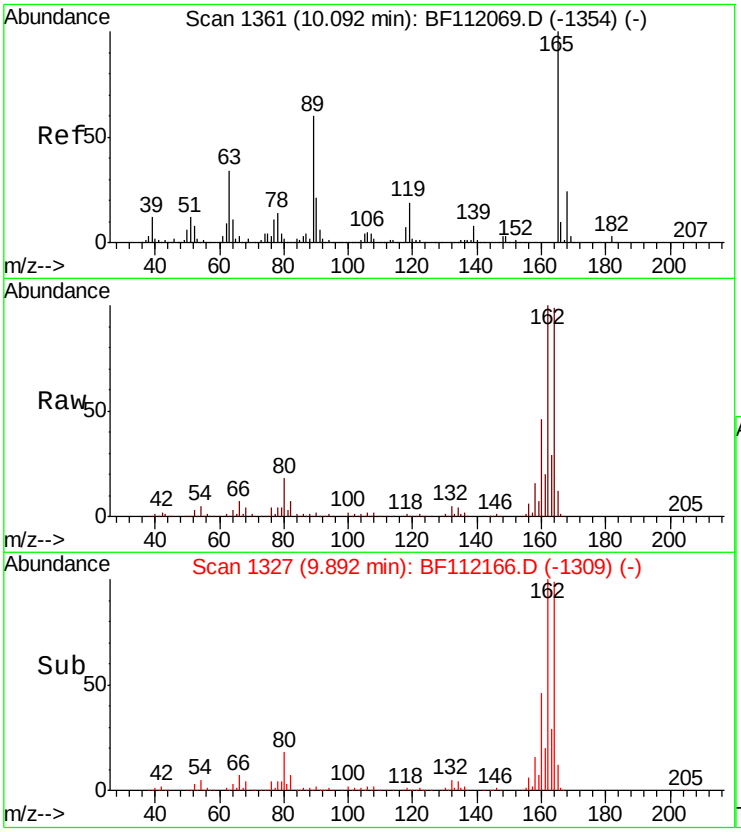


#56
4-Nitrophenol
Concen: 6.044 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.06 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Tgt Ion:139 Resp: 1504

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



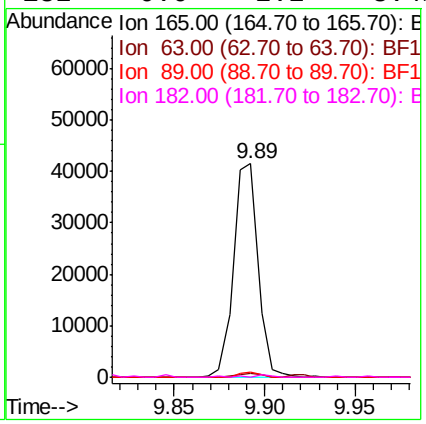


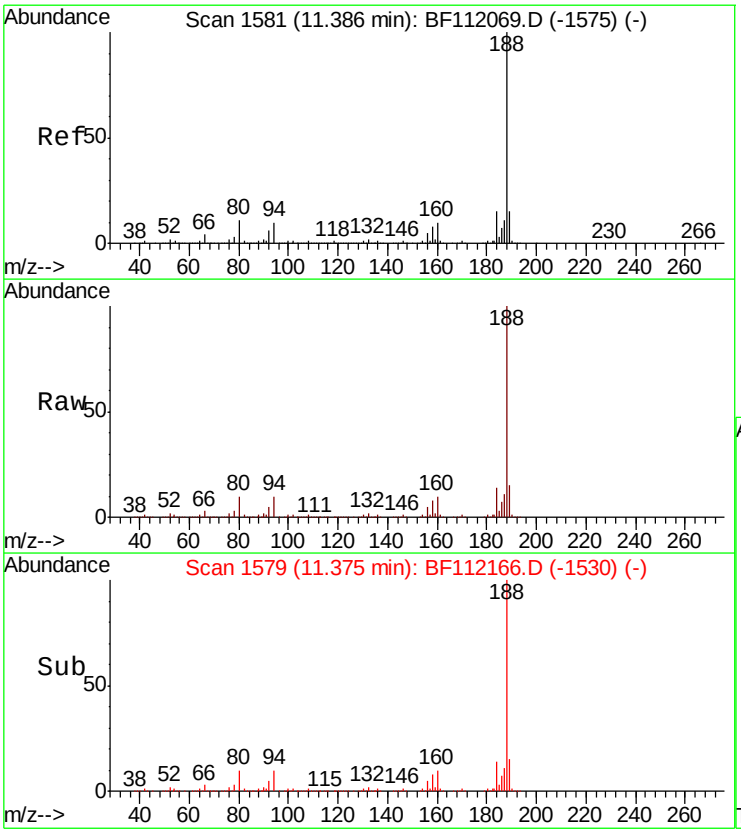
#57
2,4-Dinitrotoluene
Concen: 10.742 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:165 Resp: 39304

Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.9	41.9#
89	2.1	47.9	71.9#
182	0.0	2.2	3.4#

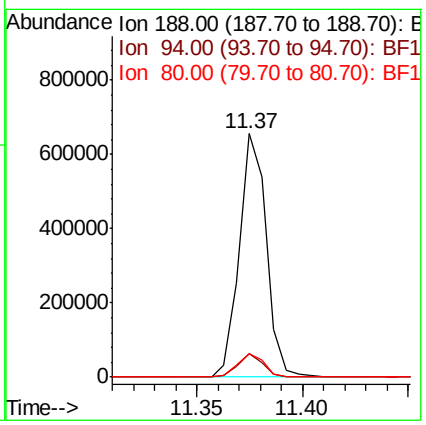


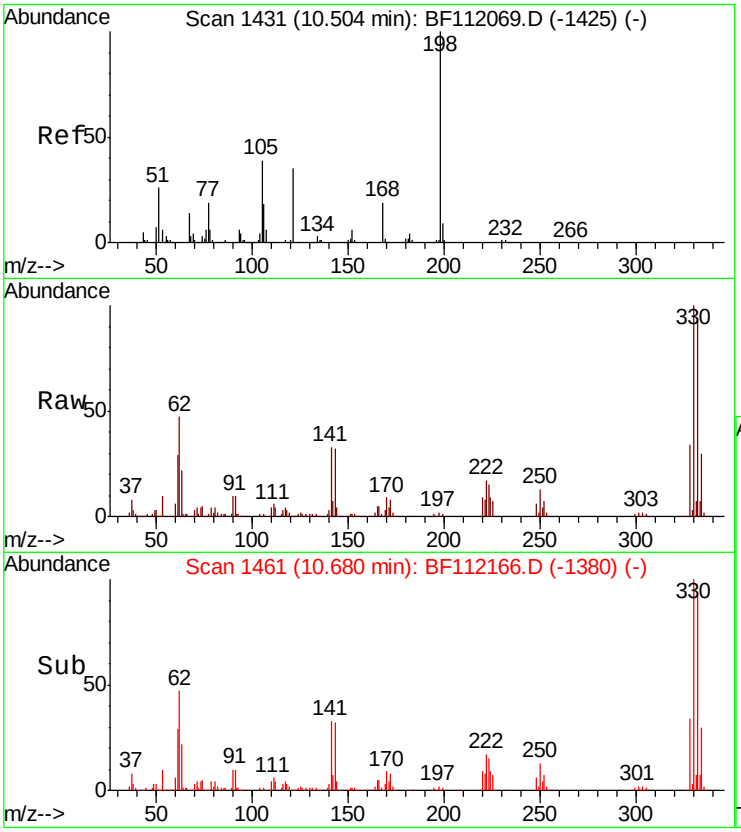


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Tgt Ion:188 Resp: 580648

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	9.7	8.9	13.3



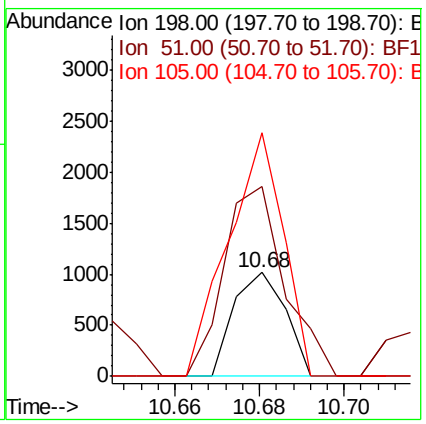


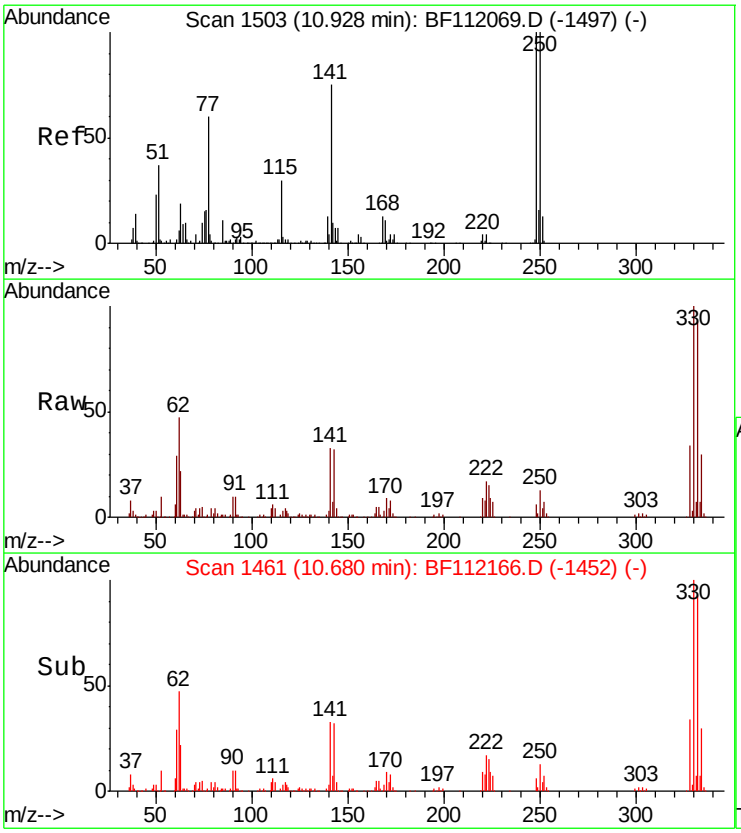
#65
4,6-Dinitro-2-methylphenol
Concen: 10.353 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:198 Resp: 870

Ion	Ratio	Lower	Upper
198	100		
51	182.8	17.2	57.2#
105	234.5	21.9	61.9#

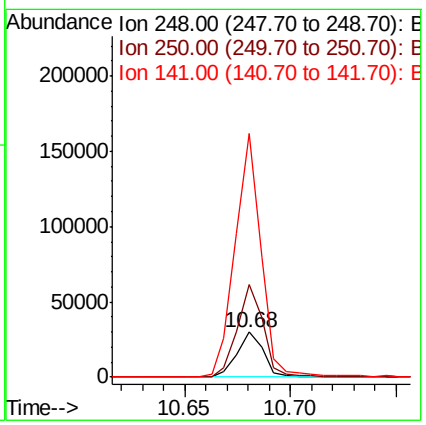


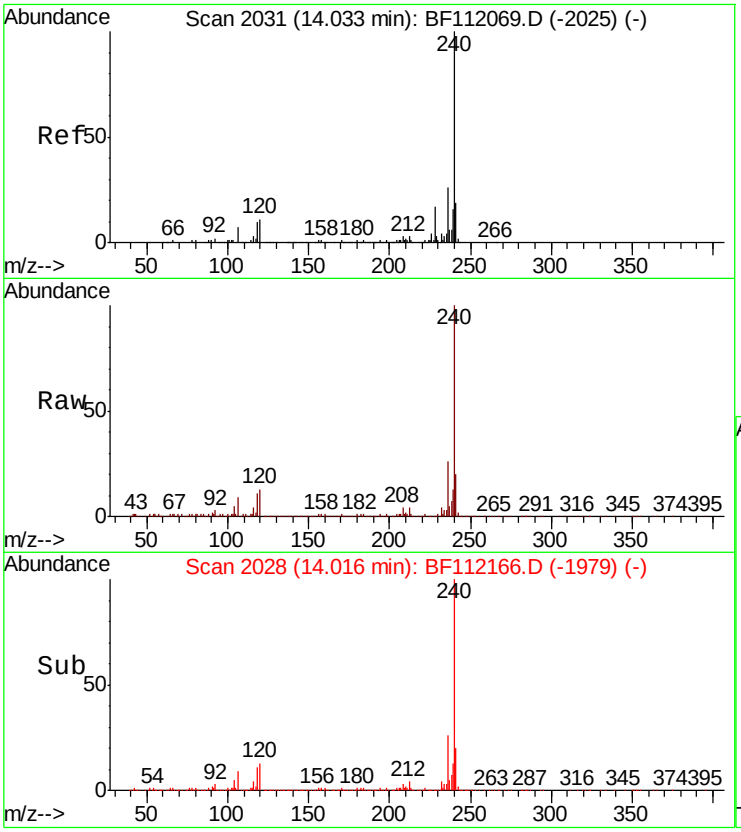


#67
4-Bromophenyl-phenylether
Concen: 3.799 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Tgt Ion:248 Resp: 25619

Ion	Ratio	Lower	Upper
248	100		
250	204.7	79.7	119.5#
141	541.0	60.3	90.5#



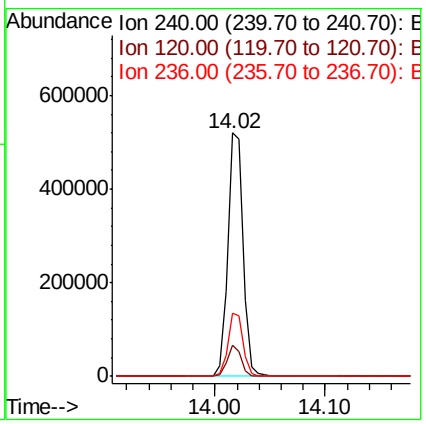


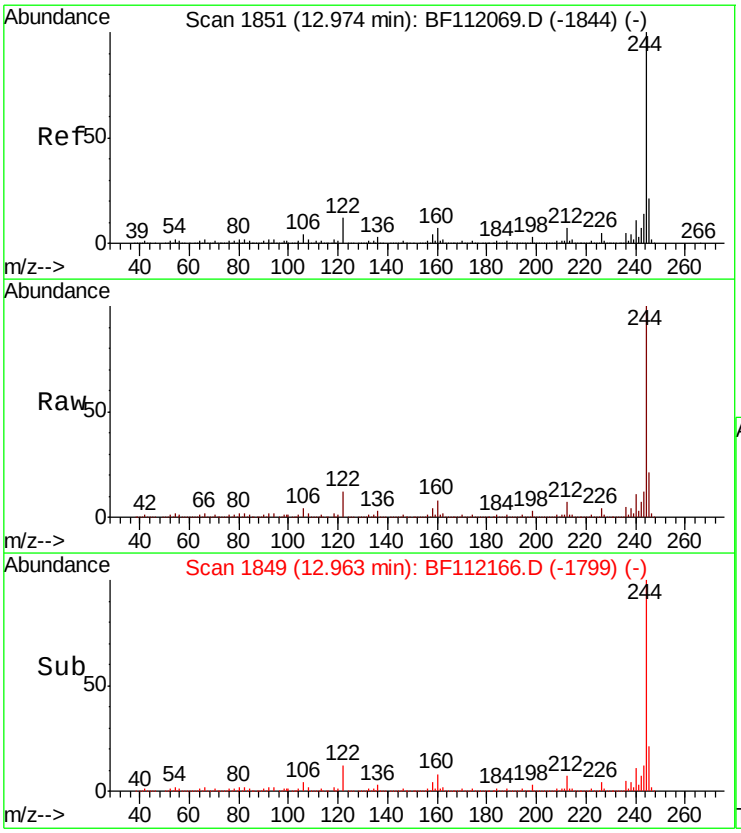
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:240 Resp: 506357

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.0	13.6
236	26.0	20.7	31.1

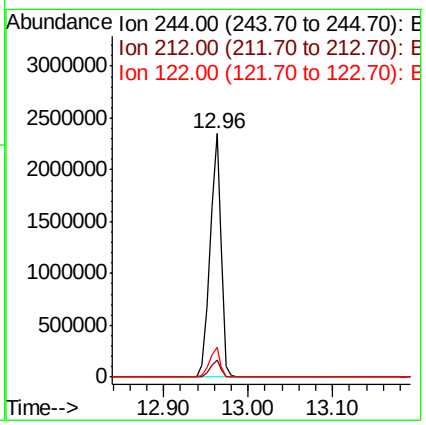


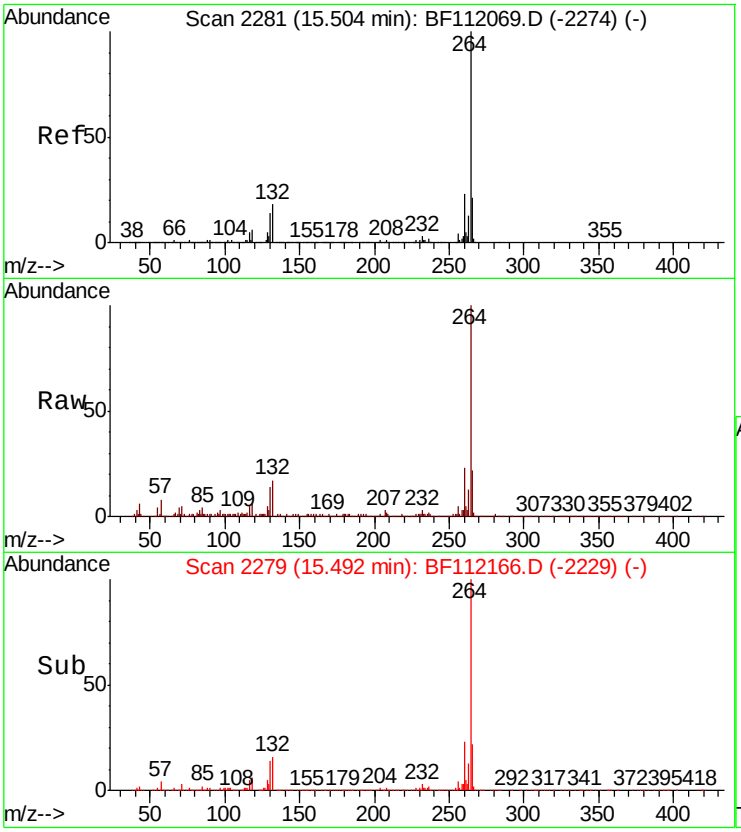


#79
Terphenyl-d14
Concen: 92.857 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112166.D
Acq: 21 Jan 2019 18:44

Tgt Ion:244 Resp: 2210177

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.2	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: BF112166.D
Acq: 21 Jan 2019 18:44

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-A

Tgt Ion:264 Resp: 368835

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	22.3	17.0	25.4