Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112144.D
Acq On : 19 Jan 2019 00:13
Operator : JU/SJ
Sample : K1189-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200034

Quant Time: Jan 19 00:48:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:33:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	260263	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	971423	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	463235	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	798814	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	598620	20.00	ng	-0.01
87) Perylene-d12	15.49	264	631897	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1428616	99.63	ng	0.00
7) Phenol-d6	6.50	99	1507414	84.02	ng	0.00
23) Nitrobenzene-d5	7.42	82	1354587	96.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	624198	124.91	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2579283	81.63	ng	0.00
79) Terphenyl-d14	12.96	244	2382217	84.66	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	2556	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	185771	16.997	ng	# 76
25) Isophorone	7.42	82	1339337	49.316	ng	# 63
31) Naphthalene	8.16	128	117700	2.664	ng	99
32) Benzoic acid	8.16	122	356	7.235	ng	# 1
51) 2,6-Dinitrotoluene	9.89	165	59307	8.791	ng	# 34
56) 4-Nitrophenol	10.10	139	1794	5.964	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	59307	10.776	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.69	198	1063	10.322	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	35537	3.830	ng	# 1

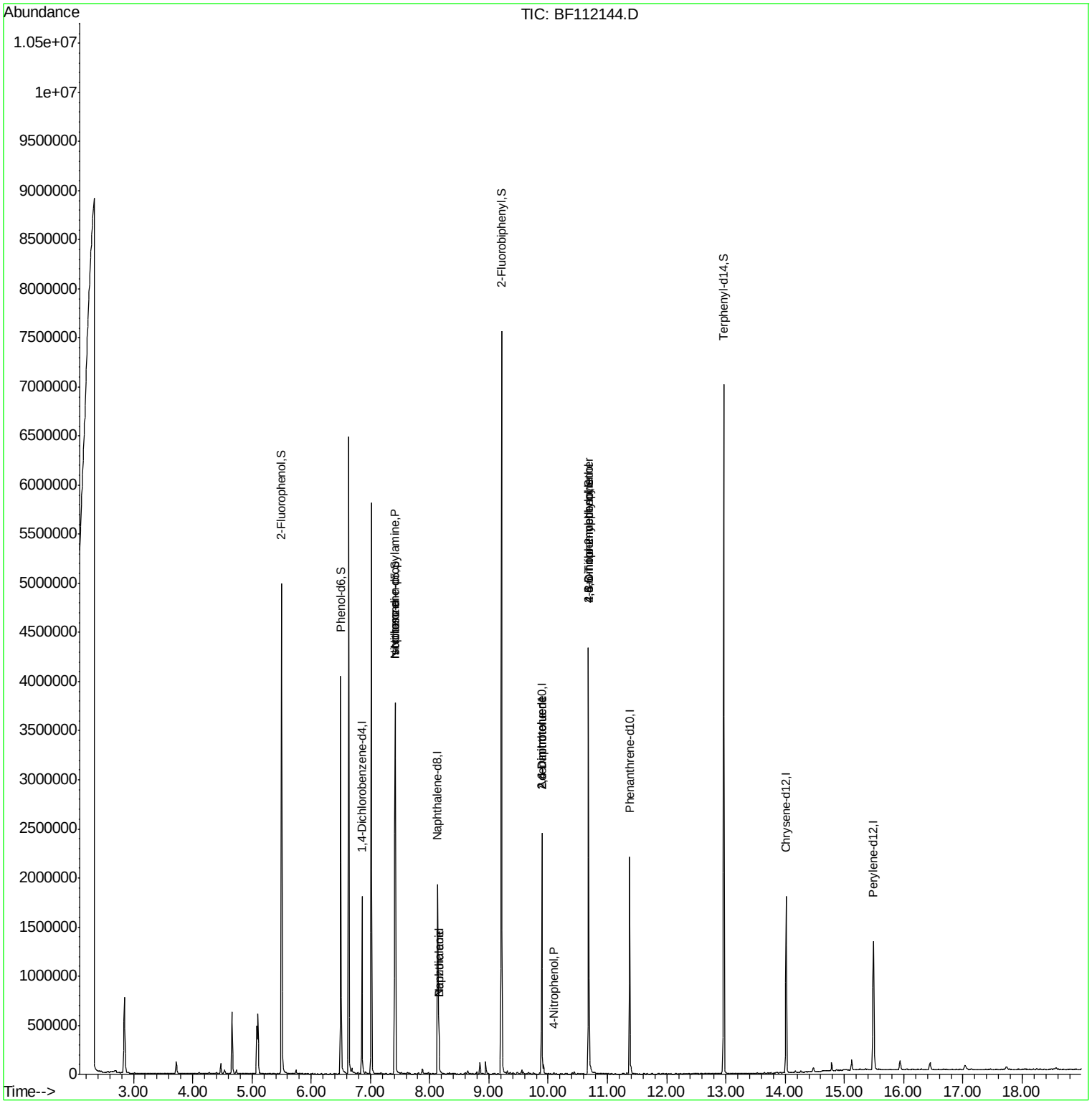
(#) = qualifier out of range (m) = manual integration (+) = signals summed

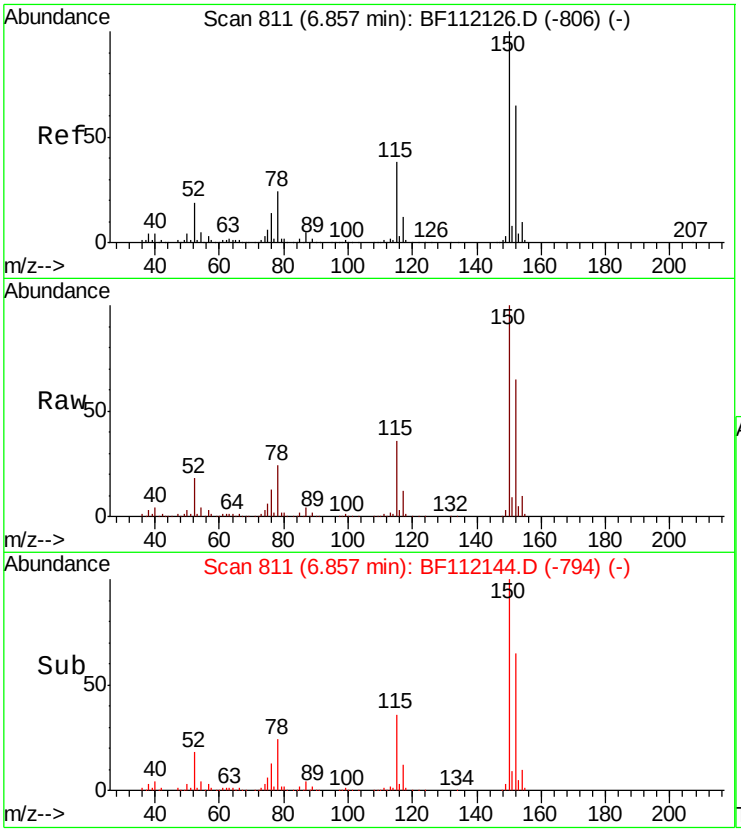
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112144.D
Acq On : 19 Jan 2019 00:13
Operator : JU/SJ
Sample : K1189-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200034

Quant Time: Jan 19 00:48:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:33:58 2019
Response via : Initial Calibration



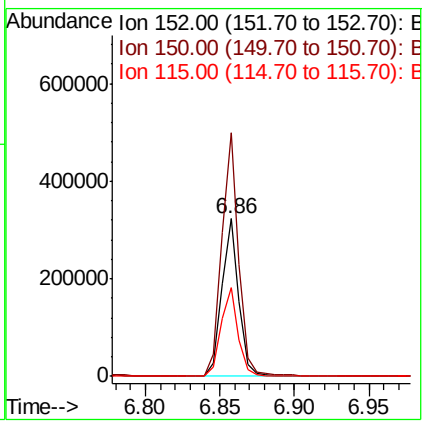


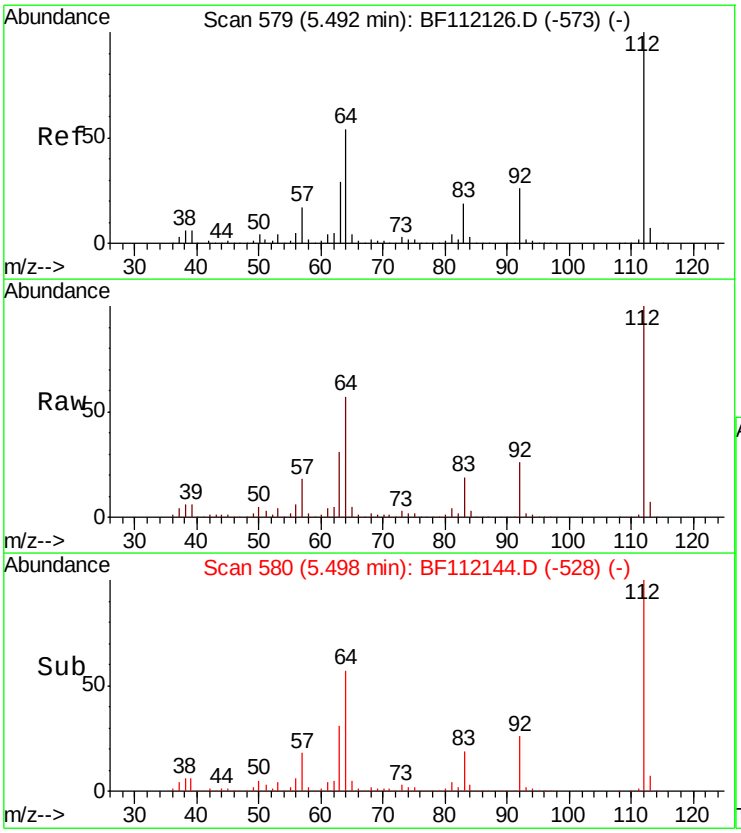
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion:152 Resp: 260263

Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.4	191.0
115	56.3	45.5	68.3

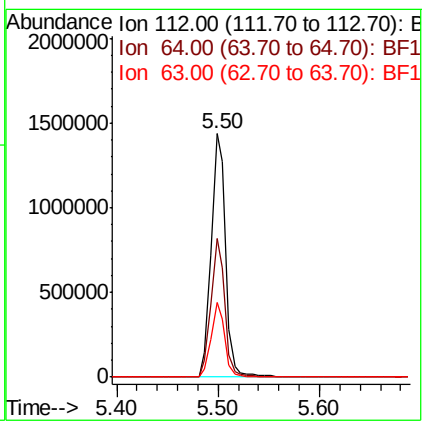


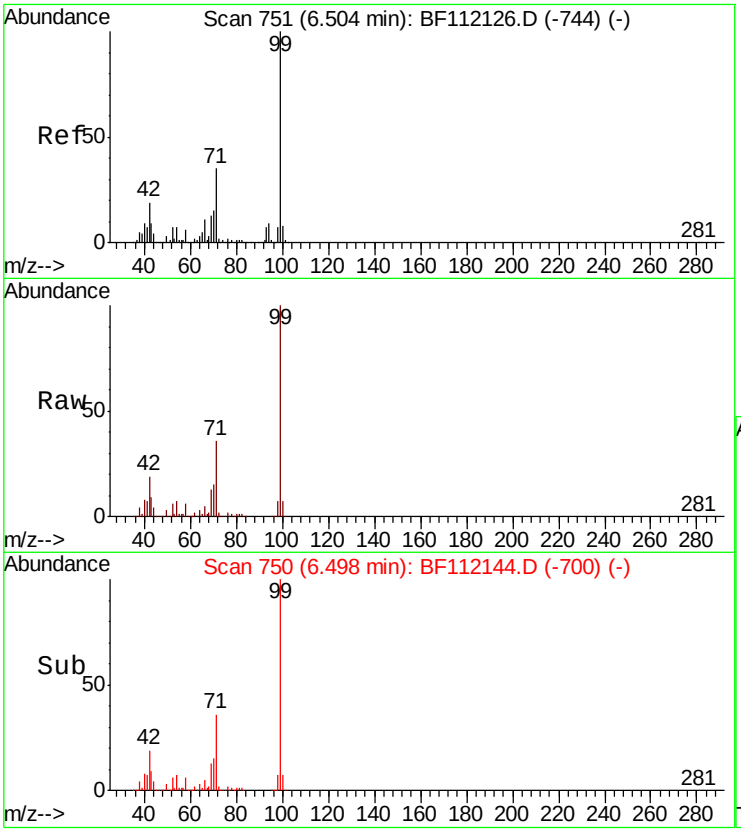


#5
2-Fluorophenol
Concen: 99.630 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion:112 Resp: 1428616

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.7	68.5
63	30.9	23.6	35.4



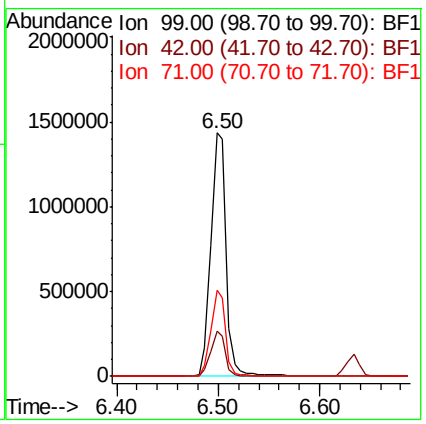


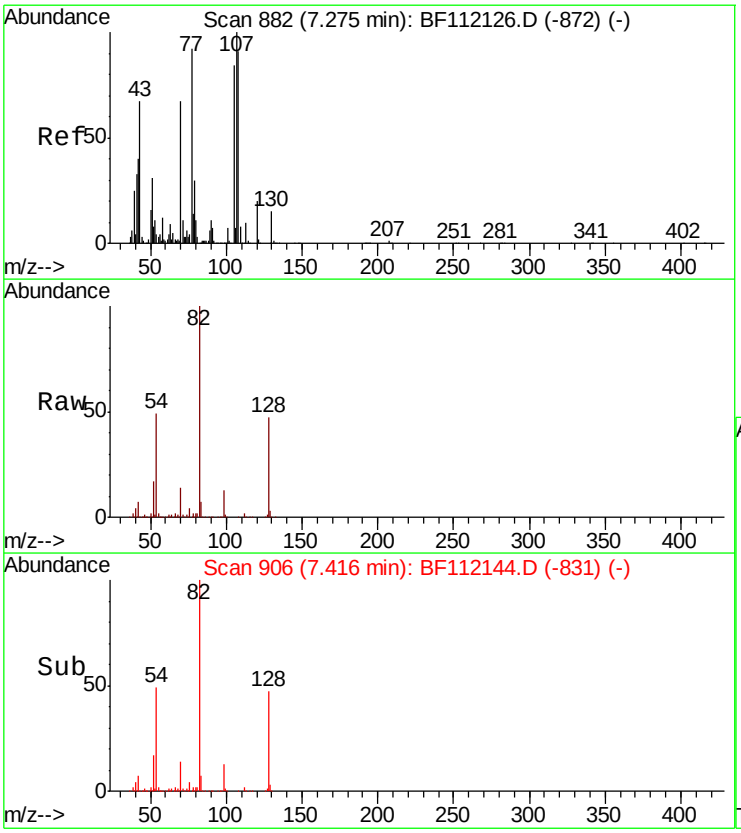
#7
Phenol-d6
Concen: 84.022 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion: 99 Resp: 1507414

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

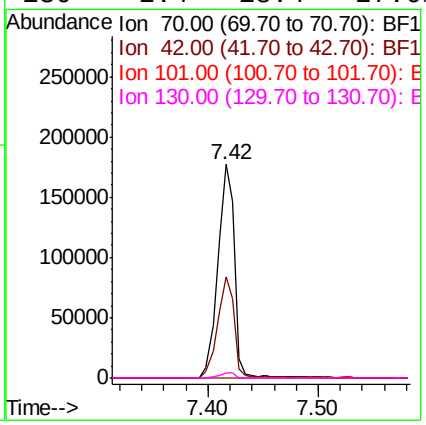


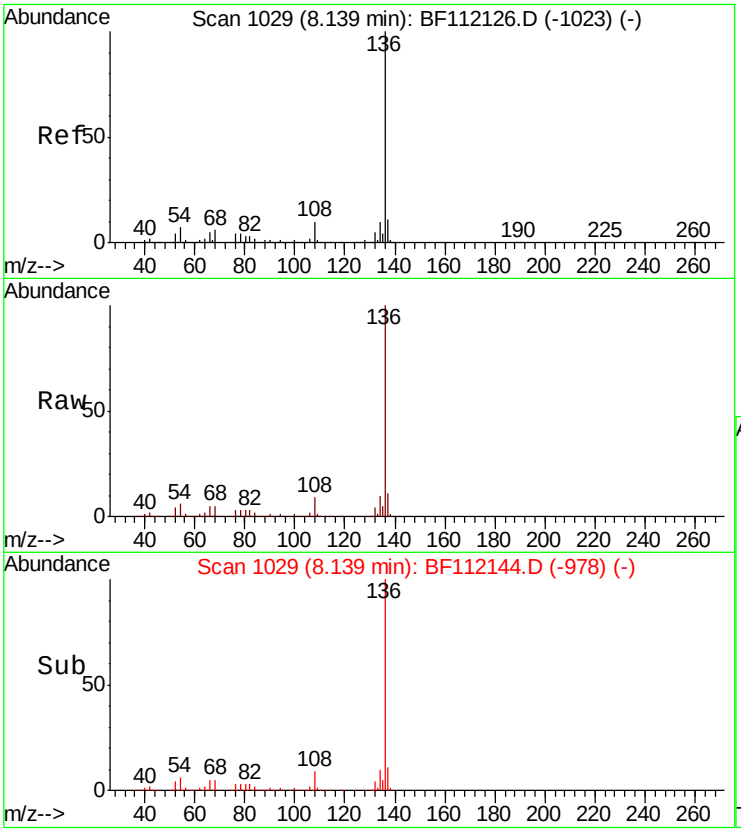


#19
n-Nitroso-di-n-propylamine
Concen: 16.997 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion: 70 Resp: 185771

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.6	71.4#
101	0.0	7.9	11.9#
130	2.4	18.4	27.6#



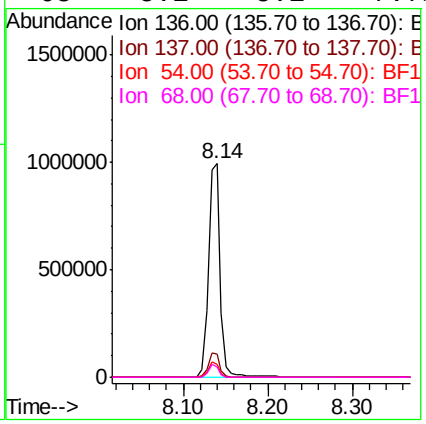


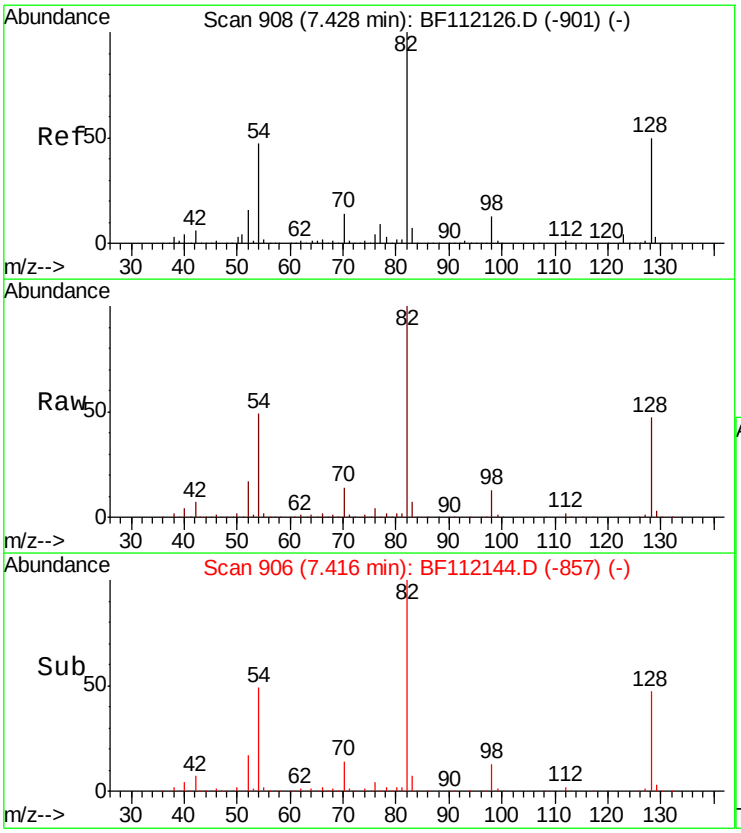
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion:136 Resp: 971423

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.0	5.9	8.9
68	5.1	5.1	7.7#

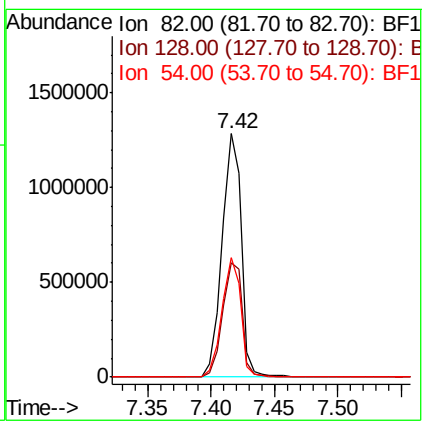


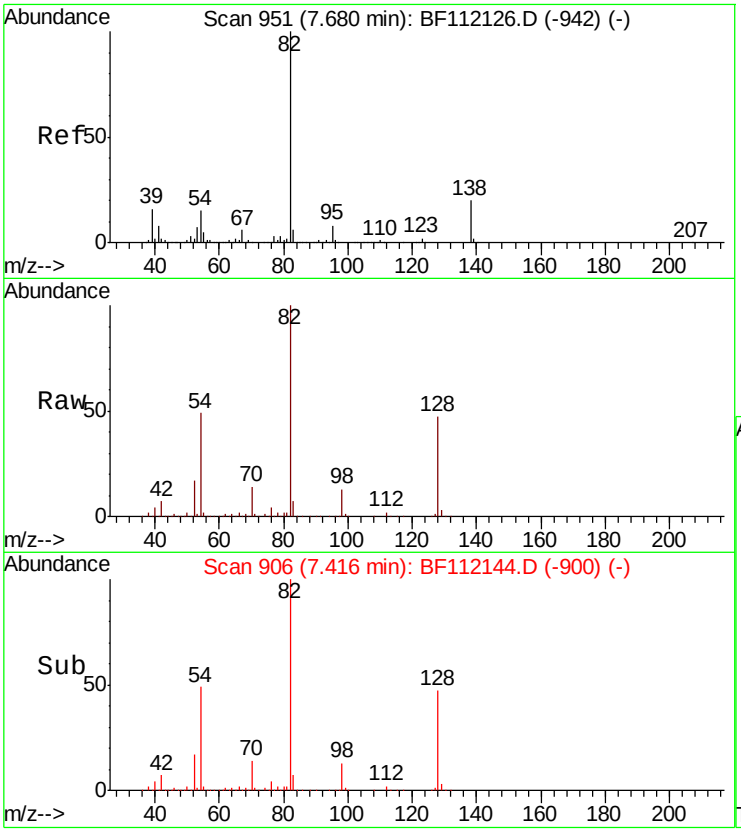


#23
Nitrobenzene-d5
Concen: 96.340 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion: 82 Resp: 1354587

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.8	56.8
54	49.1	39.7	59.5



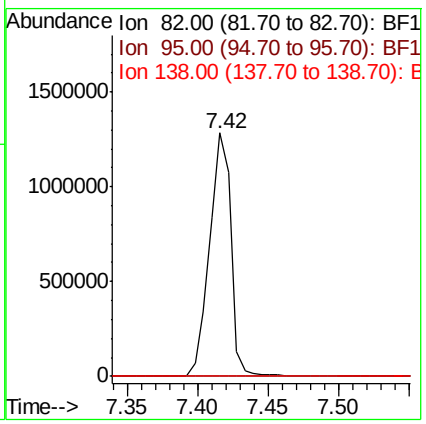


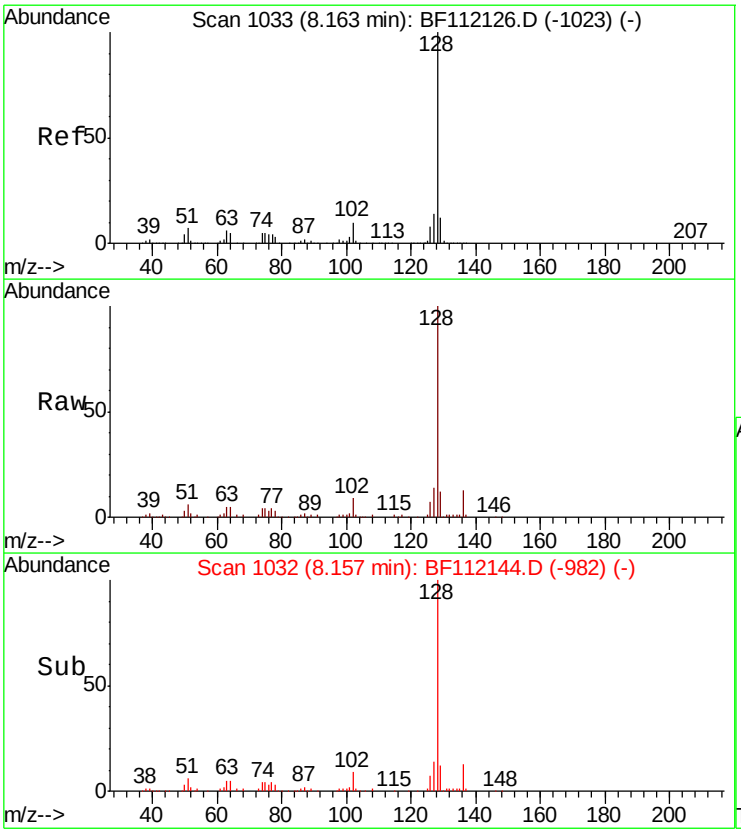
#25
Isophorone
Concen: 49.316 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion: 82 Resp: 1339337

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

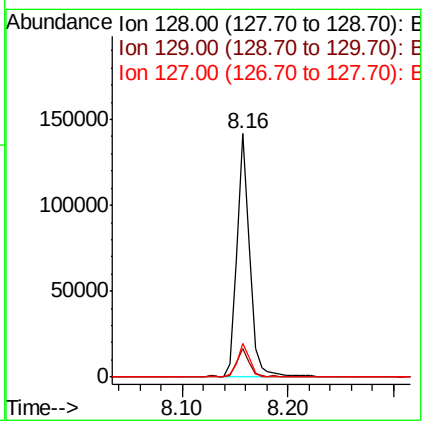


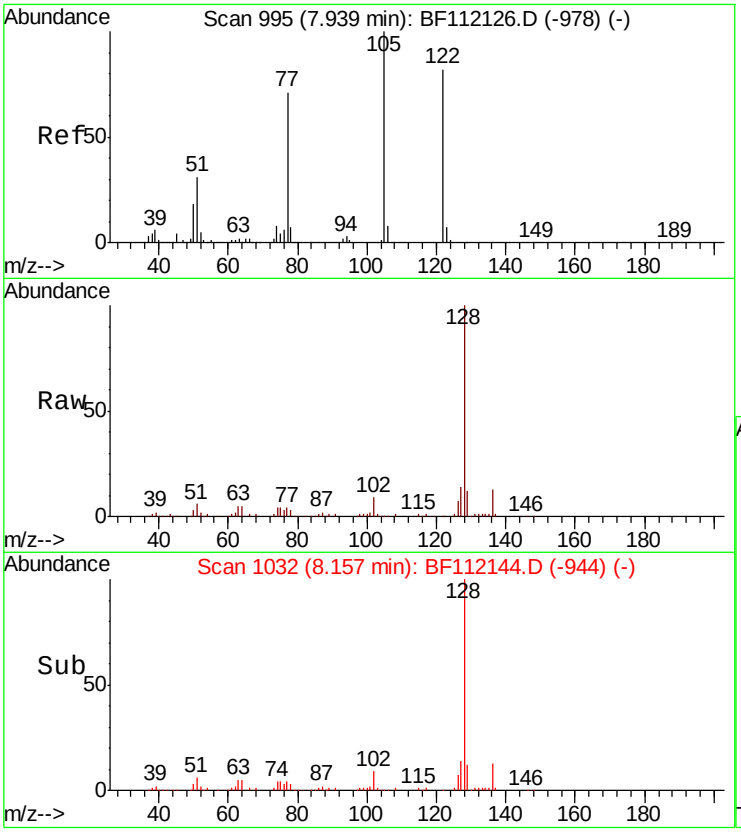


#31
Naphthalene
Concen: 2.664 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion:128 Resp: 117700

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	14.1	11.1	16.7



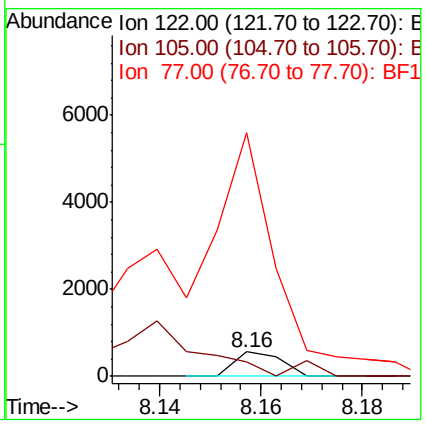


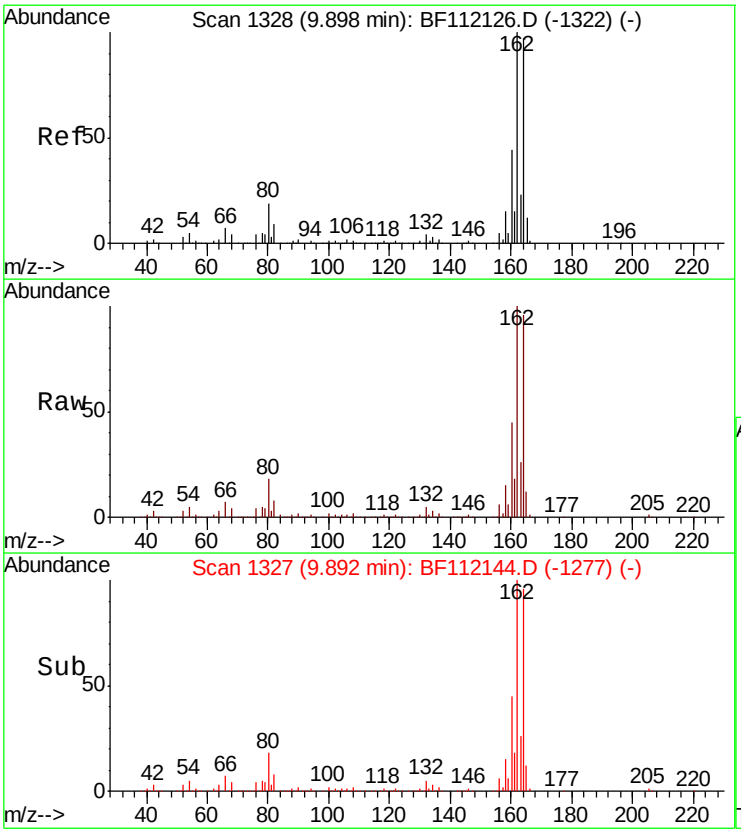
#32
Benzoic acid
Concen: 7.235 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.22 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion:122 Resp: 356

Ion	Ratio	Lower	Upper
122	100		
105	61.0	101.2	141.2#
77	1010.1	70.4	110.4#

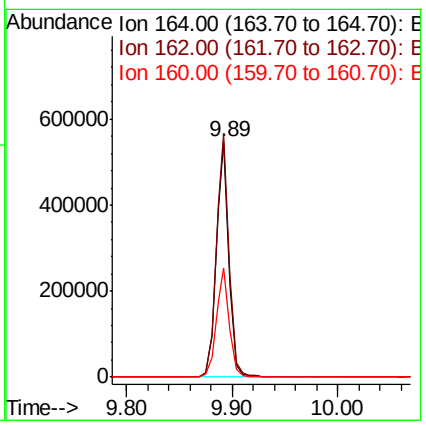


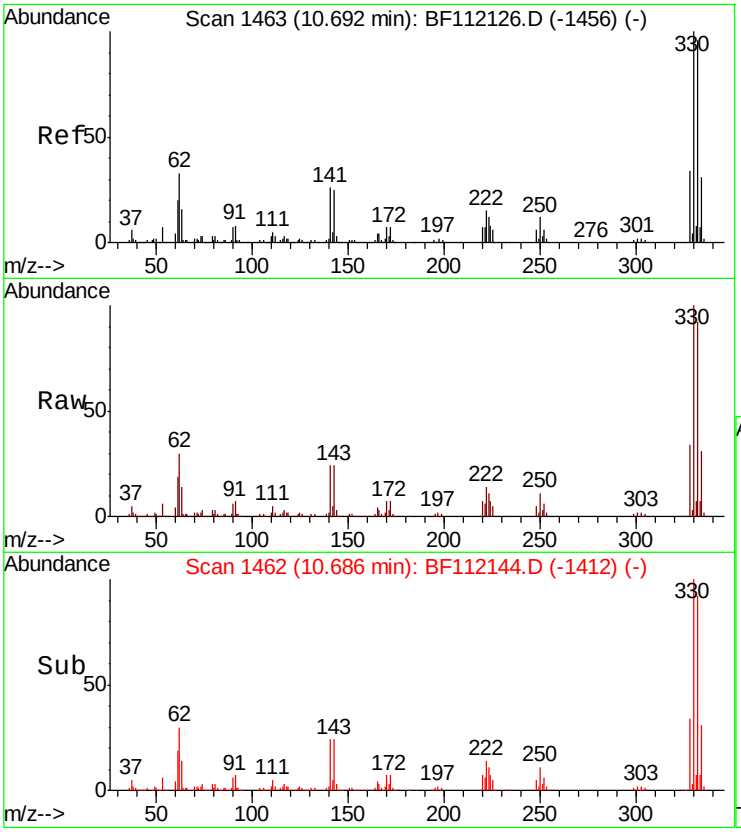


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion:164 Resp: 463235

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.4
160	46.7	36.2	54.4



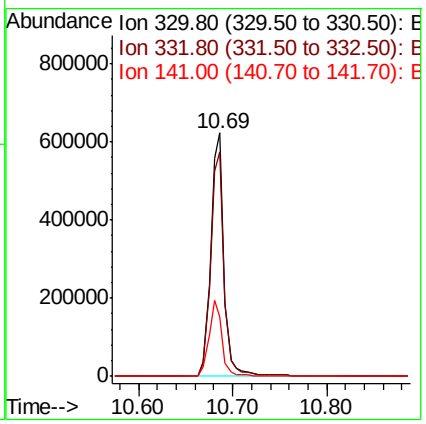


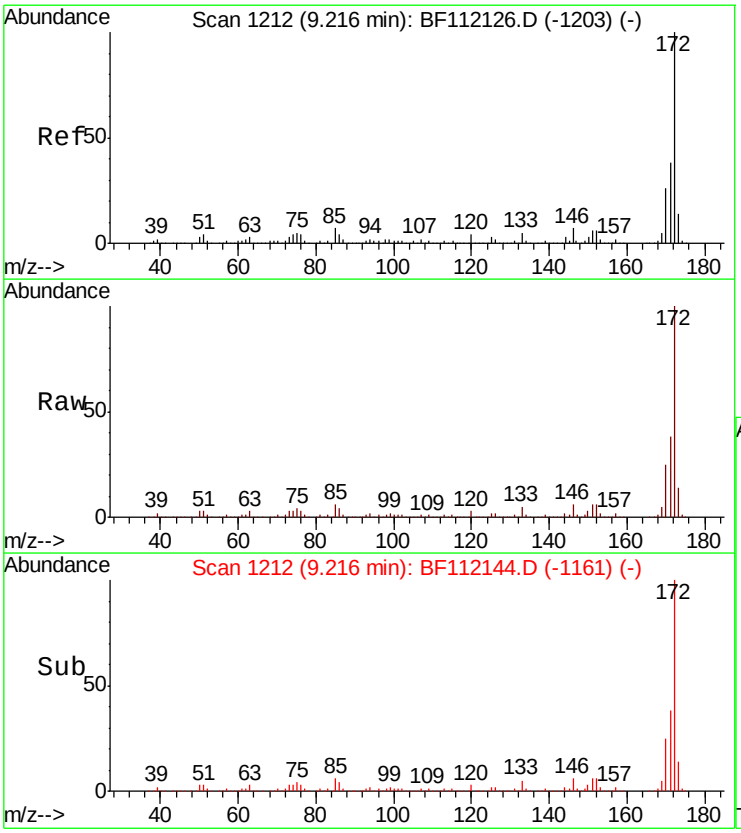
#42
2,4,6-Tribromophenol
Concen: 124.907 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion:330 Resp: 624198

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	114.8
141	30.6	24.3	36.5

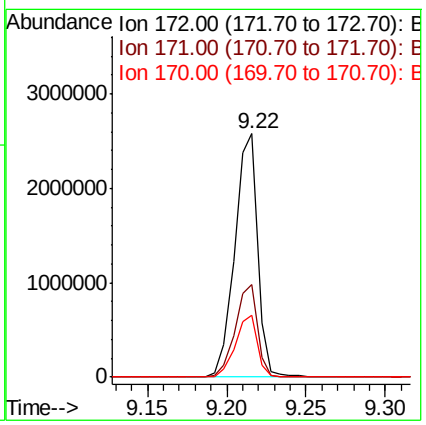


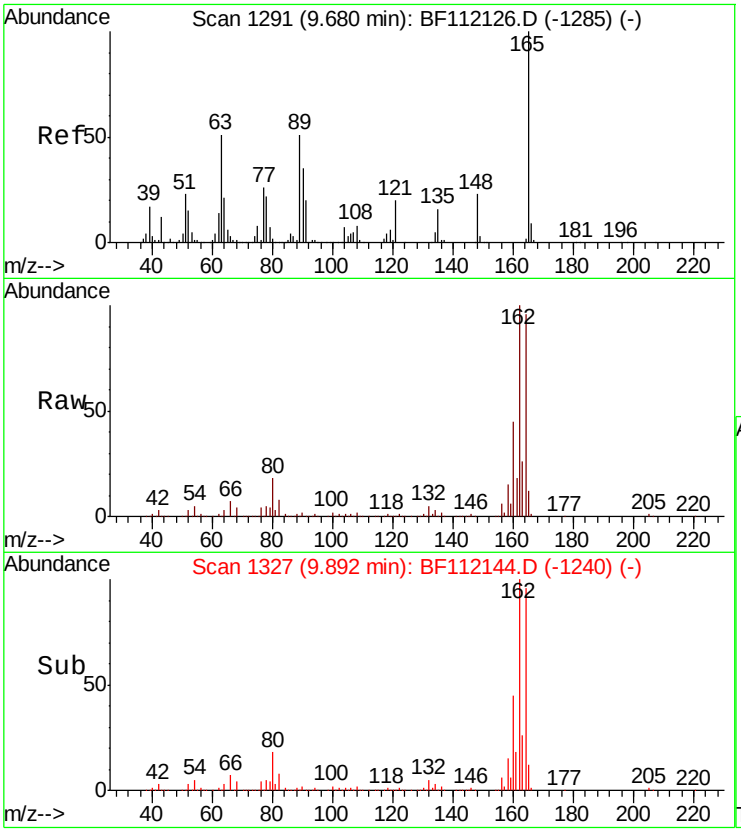


#45
2-Fluorobiphenyl
Concen: 81.633 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion:172 Resp: 2579283

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	25.4	20.2	30.4



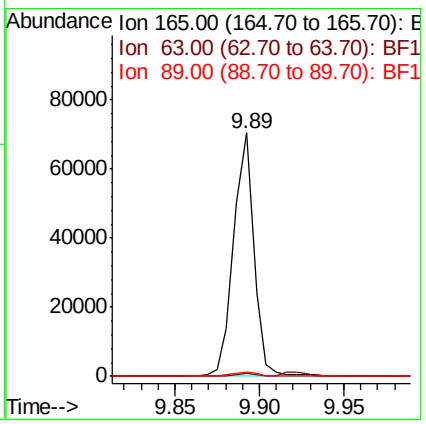


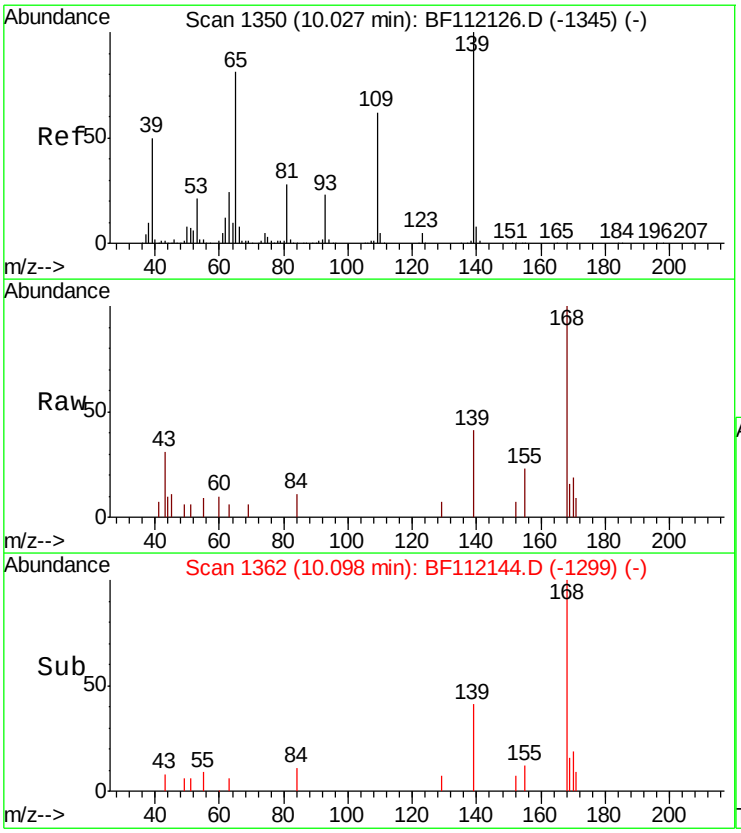
#51
2,6-Dinitrotoluene
Concen: 8.791 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion:165 Resp: 59307

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.7	36.9	55.3#

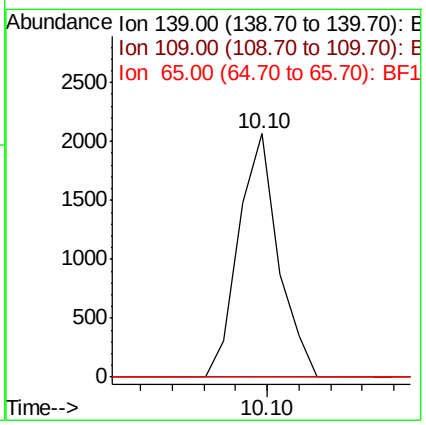


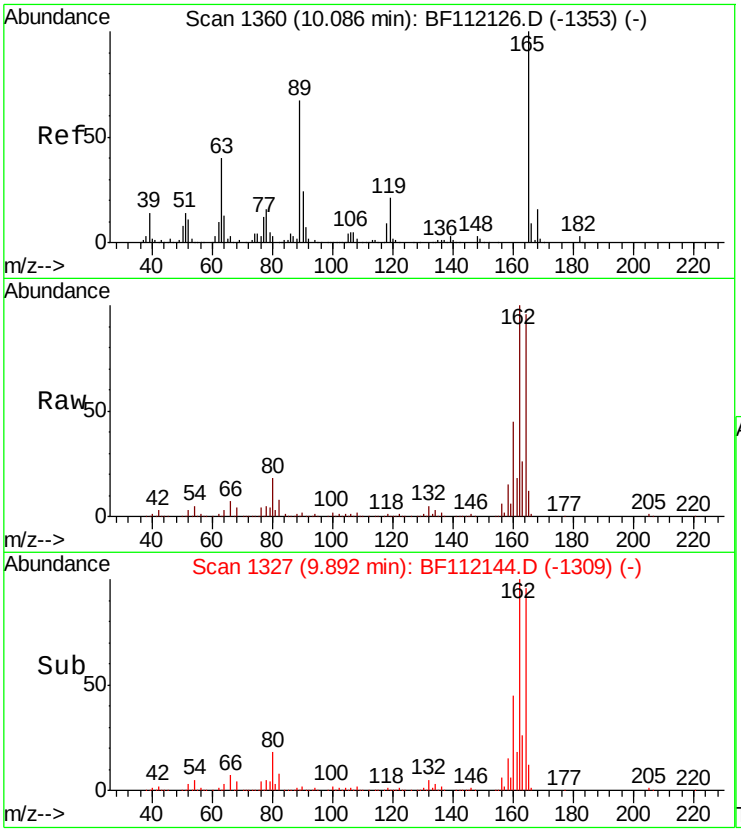


#56
4-Nitrophenol
Concen: 5.964 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.07 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion:139 Resp: 1794

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



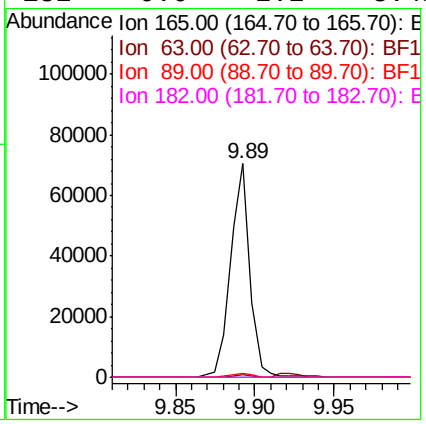


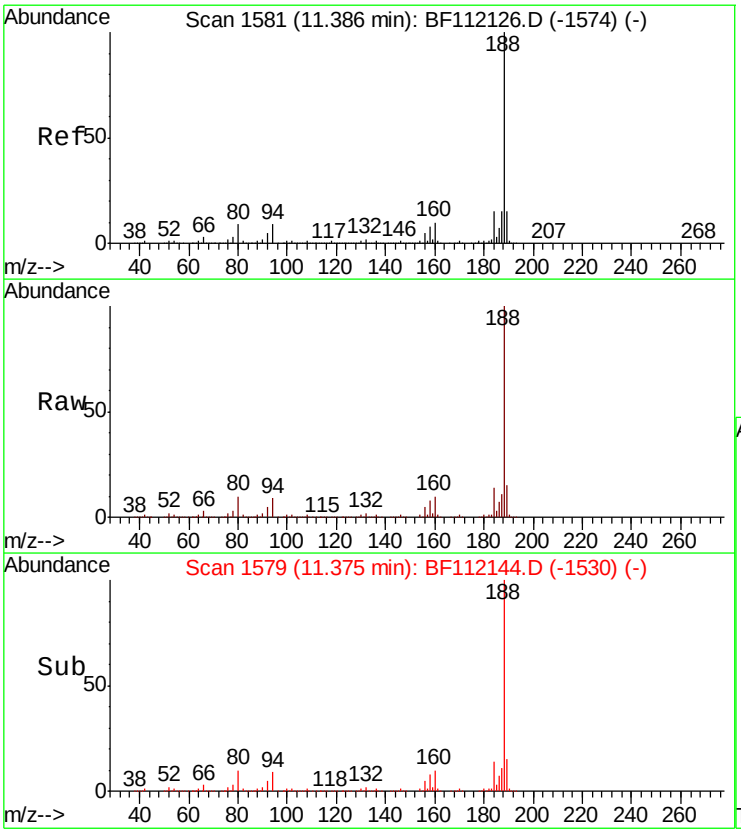
#57
2,4-Dinitrotoluene
Concen: 10.776 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion:165 Resp: 59307

Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#

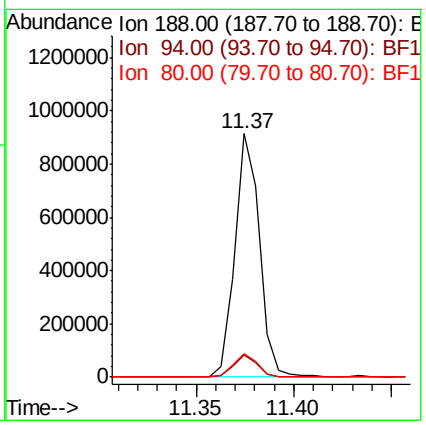


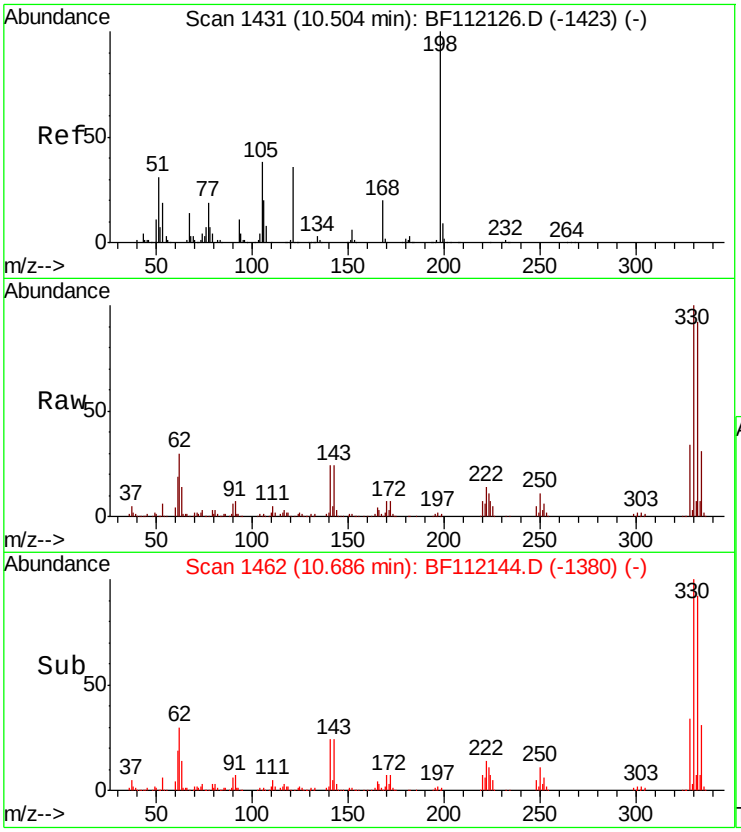


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion:188 Resp: 798814

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.9	8.9	13.3



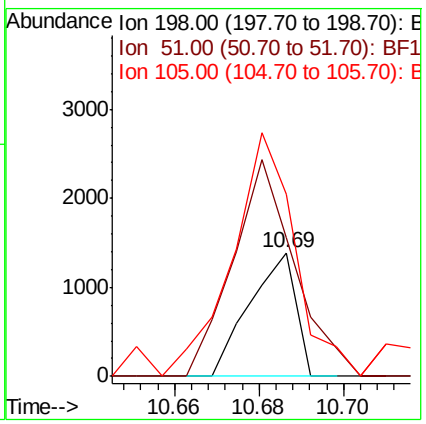


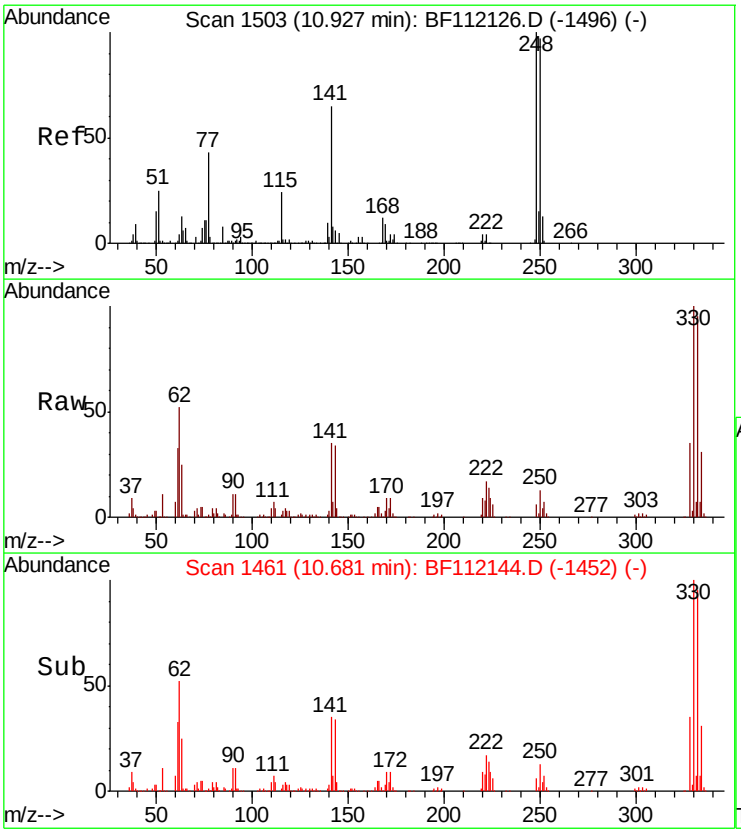
#65
4,6-Dinitro-2-methylphenol
Concen: 10.322 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion:198 Resp: 1063

Ion	Ratio	Lower	Upper
198	100		
51	112.4	17.2	57.2#
105	147.1	21.9	61.9#

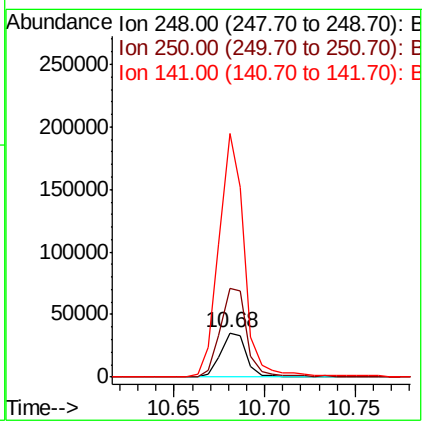


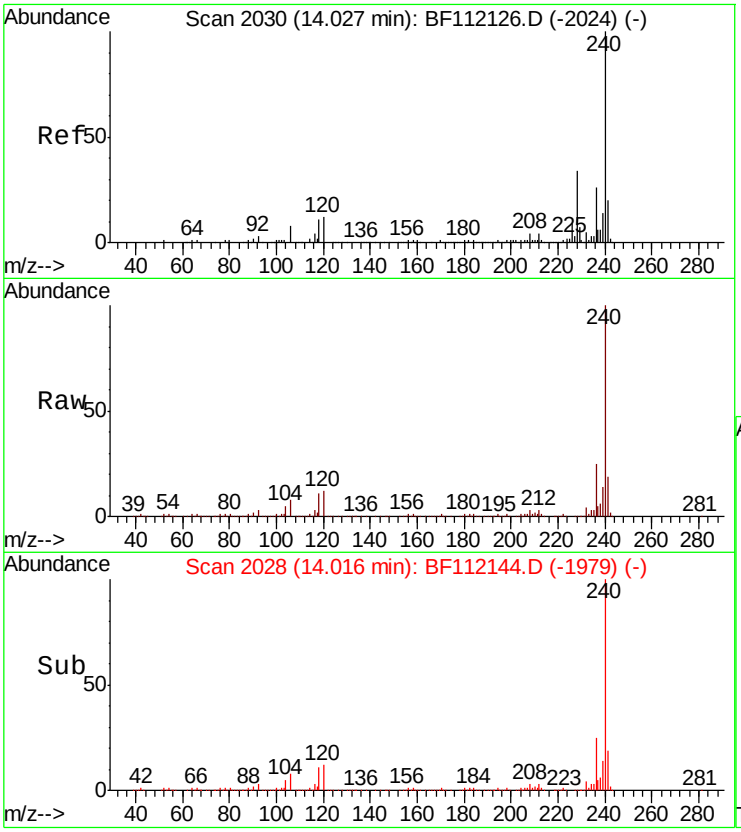


#67
4-Bromophenyl-phenylether
Concen: 3.830 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion:248 Resp: 35537

Ion	Ratio	Lower	Upper
248	100		
250	200.3	79.7	119.5#
141	546.3	60.3	90.5#



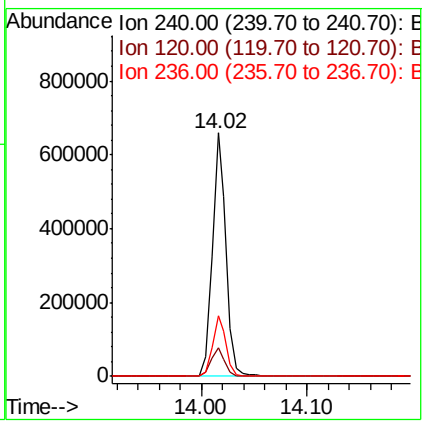


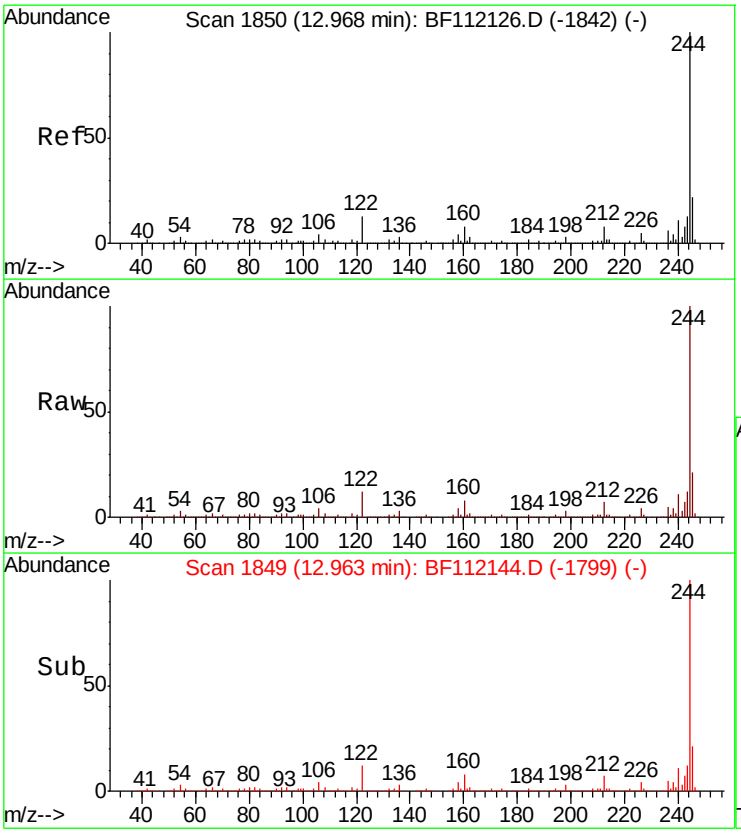
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion:240 Resp: 598620

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.6
236	25.1	20.7	31.1

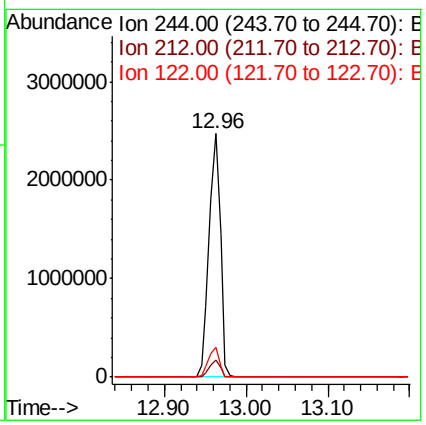


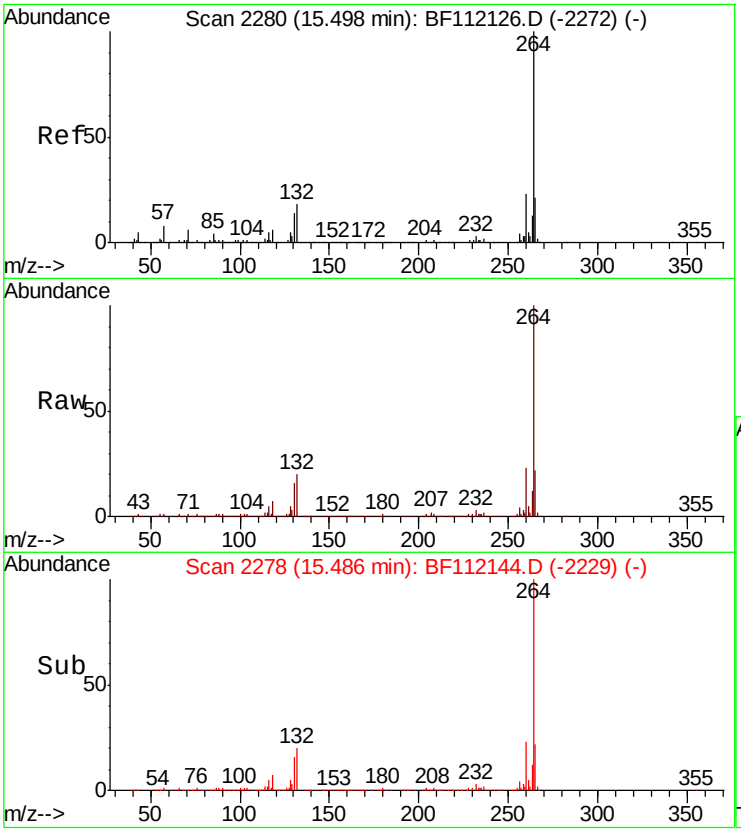


#79
Terphenyl-d14
Concen: 84.659 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Tgt Ion:244 Resp: 2382217

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.3	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112144.D
Acq: 19 Jan 2019 00:13

Instrument :
BNA_F
ClientSampleId :
RBR200034

Tgt Ion:264 Resp: 631897

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.6	17.0	25.4