Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
Data File : BF091544.D
Acq On : 9 Dec 2016 23:06
Operator : UM/SJ
Sample : H5917-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URSMW-09

Quant Time: Dec 09 23:38:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	457106	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1853301	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	879547	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1486022	20.00	ng	0.00
75) Chrysene-d12	13.96	240	1105659	20.00	ng	0.00
86) Perylene-d12	15.38	264	941038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	929491	34.26	ng	0.00
7) Phenol-d6	6.45	99	831762	24.59	ng	0.00
23) Nitrobenzene-d5	7.38	82	1759607	52.99	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	657398	89.99	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	2812652	55.25	ng	-0.01
78) Terphenyl-d14	12.92	244	2480489	50.91	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	246136	11.64	ng	# 64
20) 3+4-Methylphenols	7.46	107	244	Below Cal		# 1
32) Benzoic acid	7.76	122	333	4.91	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	117550	9.62	ng	# 17
53) 2,4-Dinitrophenol	10.13	184	725	2.14	ng	# 64
56) 2,4-Dinitrotoluene	9.85	165	117861	7.69	ng	# 34
57) Fluorene	10.40	166	8951	Below Cal		# 92
64) 4,6-Dinitro-2-methylphenol	10.42	198	237	2.97	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	40099	2.63	ng	# 1

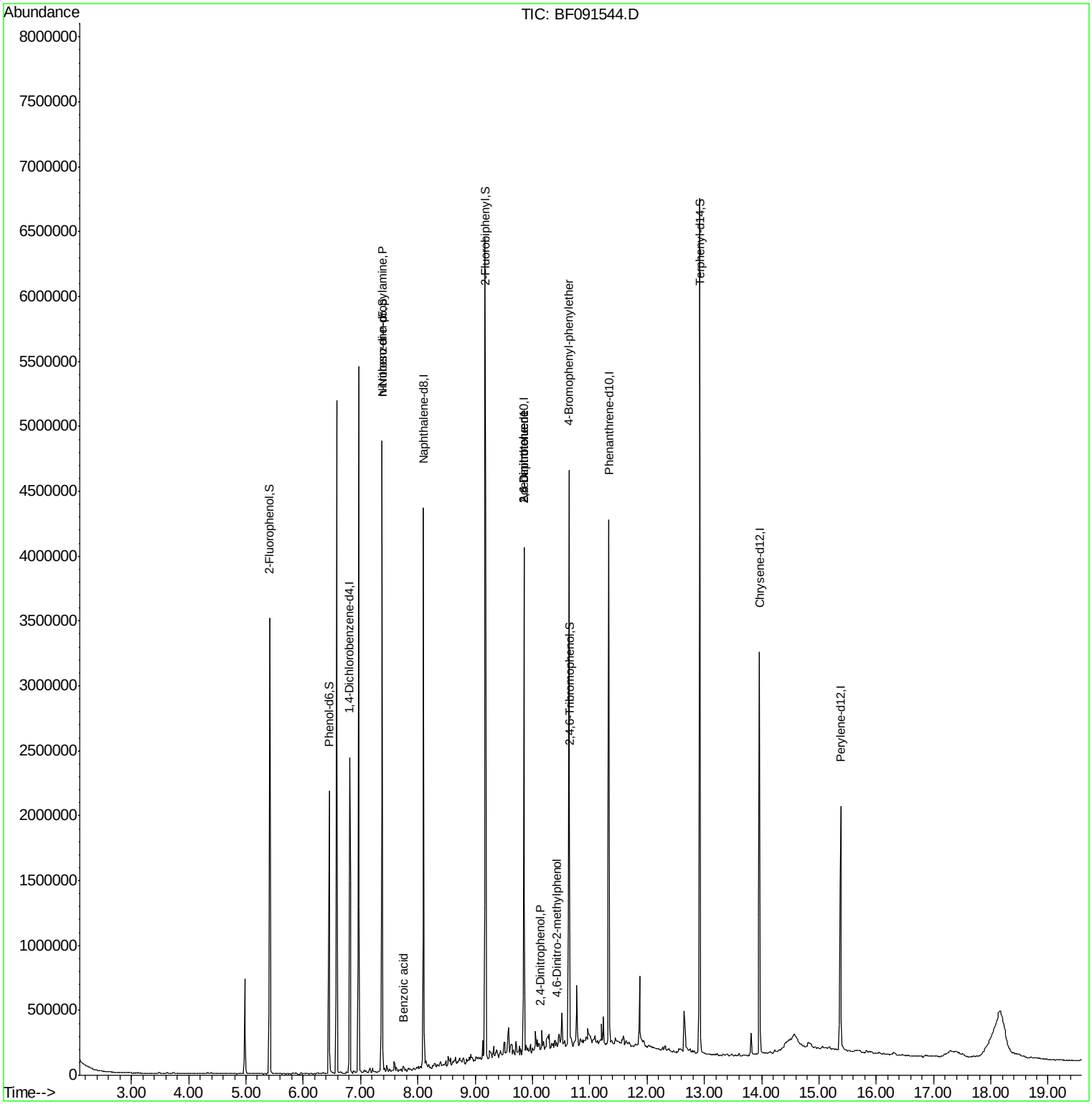
(#) = qualifier out of range (m) = manual integration (+) = signals summed

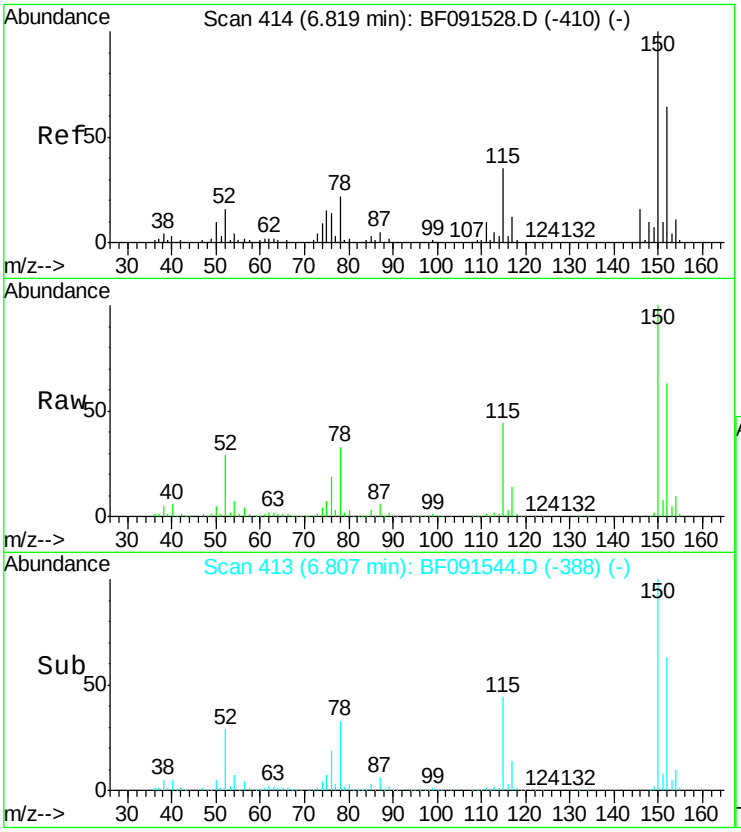
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
Data File : BF091544.D
Acq On : 9 Dec 2016 23:06
Operator : UM/SJ
Sample : H5917-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Quant Time: Dec 09 23:38:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration



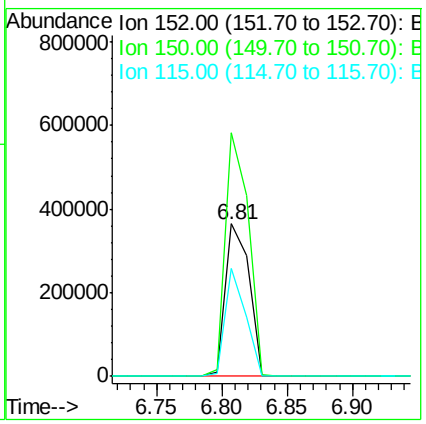


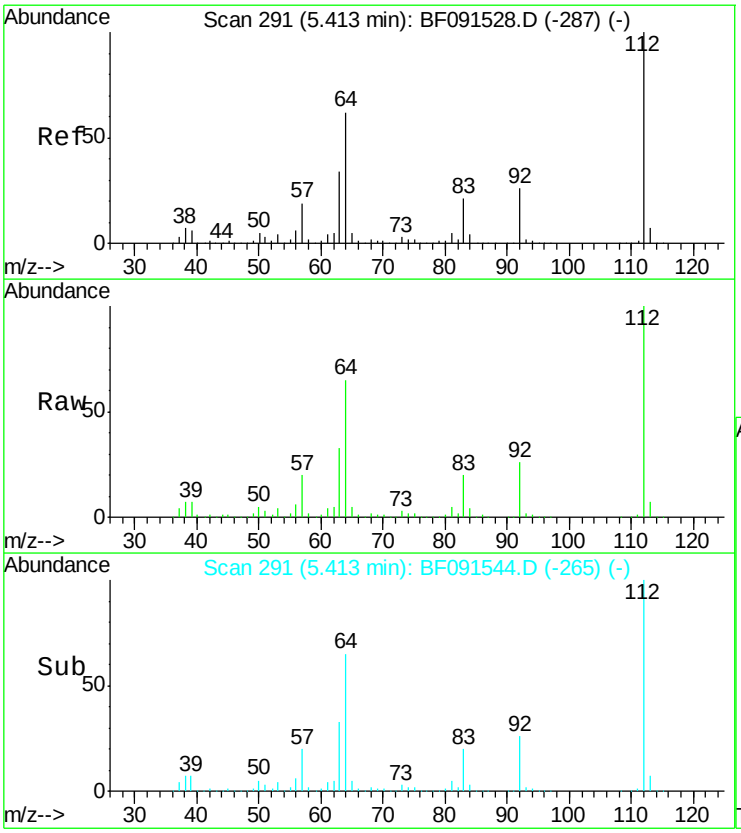
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:152 Resp: 457106

Ion	Ratio	Lower	Upper
152	100		
150	159.4	122.5	183.7
115	70.5	51.8	77.8

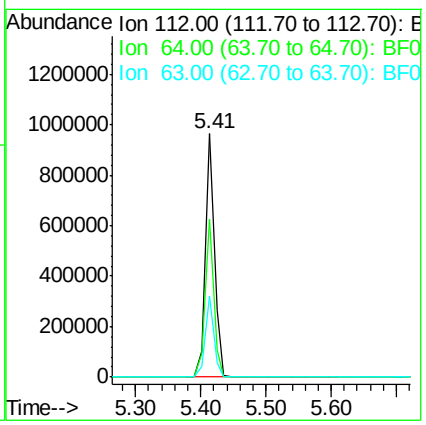


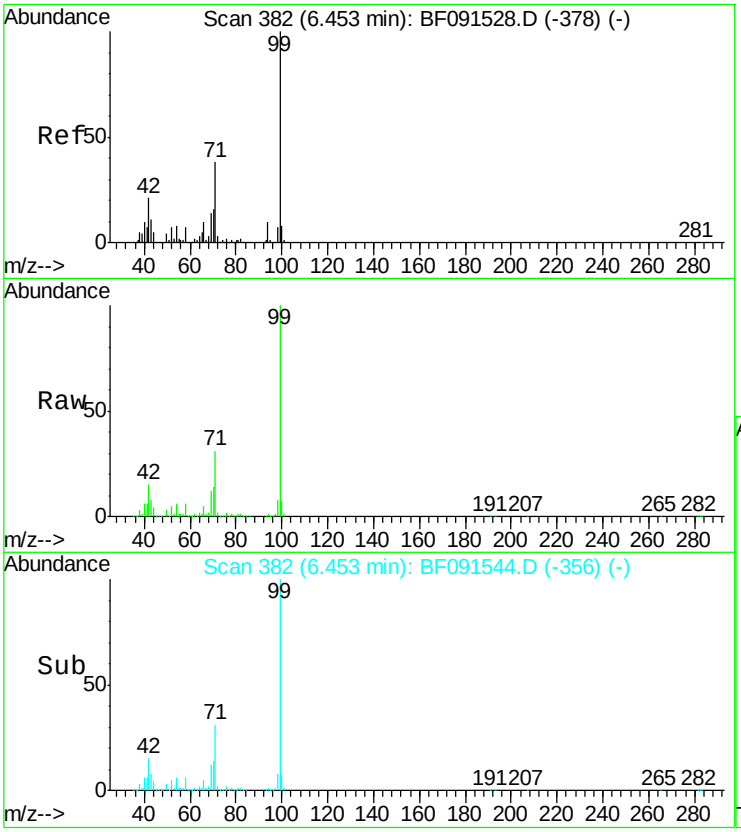


#5
2-Fluorophenol
Concen: 34.26 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Tgt Ion:112 Resp: 929491

Ion	Ratio	Lower	Upper
112	100		
64	64.8	61.5	92.3
63	33.2	33.3	49.9#



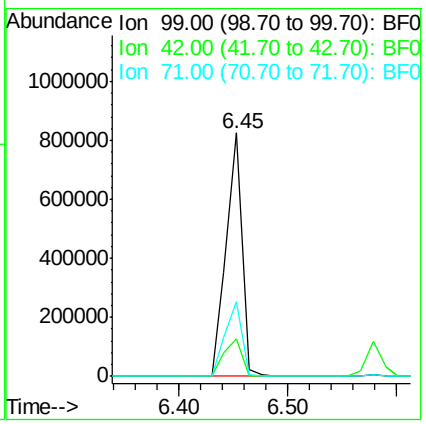


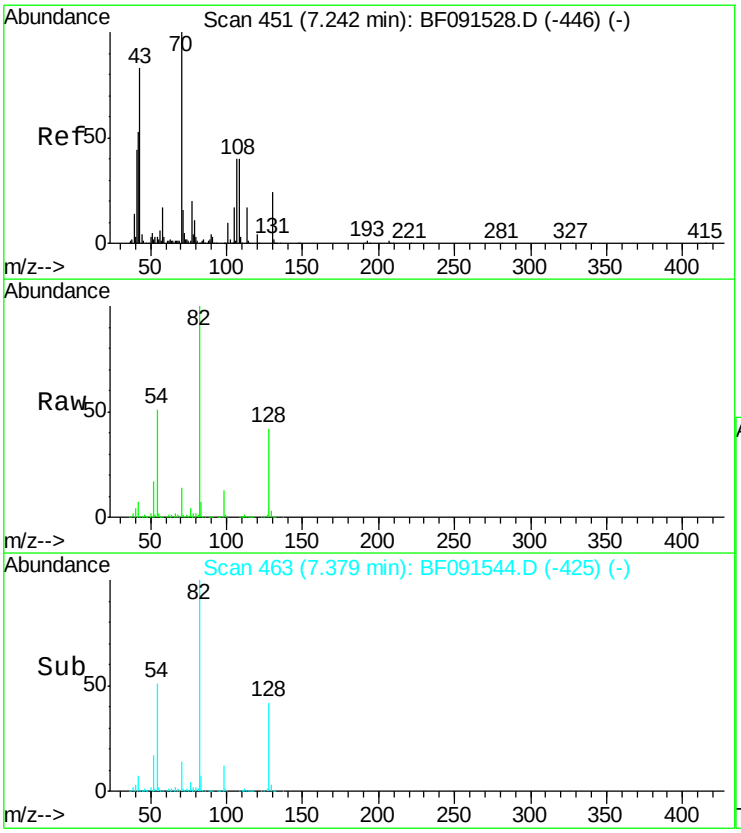
#7
Phenol-d6
Concen: 24.59 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion: 99 Resp: 831762

Ion	Ratio	Lower	Upper
99	100		
42	15.3	20.6	31.0#
71	30.5	29.9	44.9

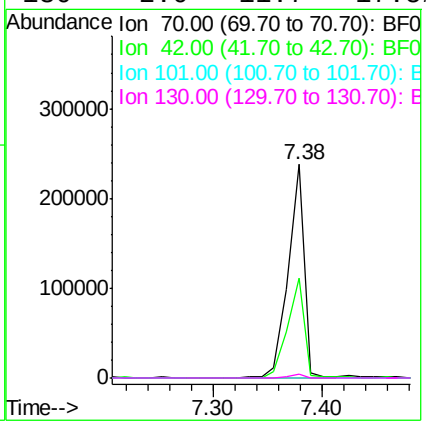


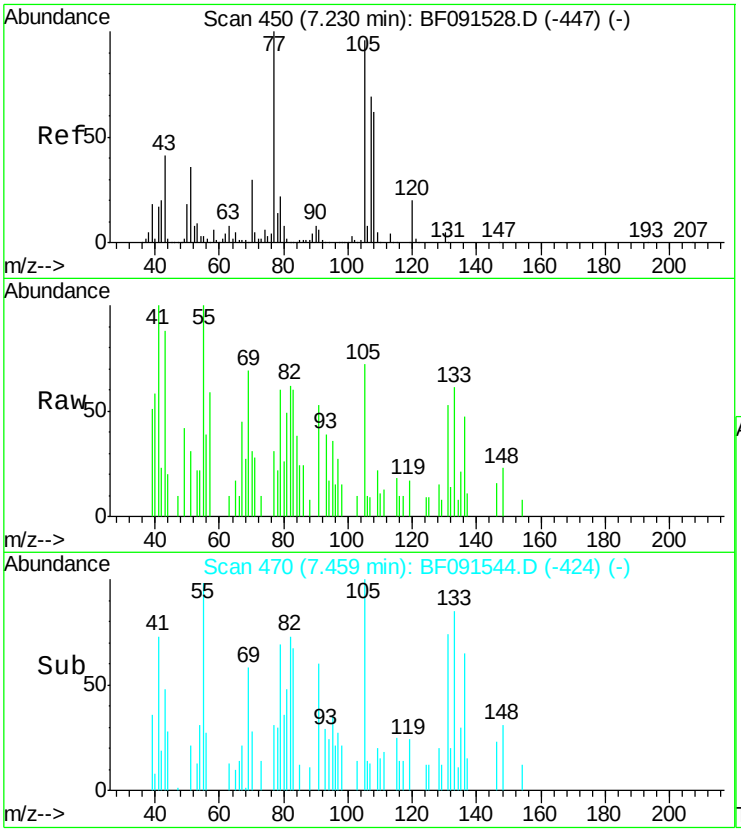


#19
n-Nitroso-di-n-propylamine
Concen: 11.64 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Tgt Ion: 70 Resp: 246136

Ion	Ratio	Lower	Upper
70	100		
42	46.9	64.8	97.2#
101	0.0	6.2	9.4#
130	2.0	11.7	17.5#



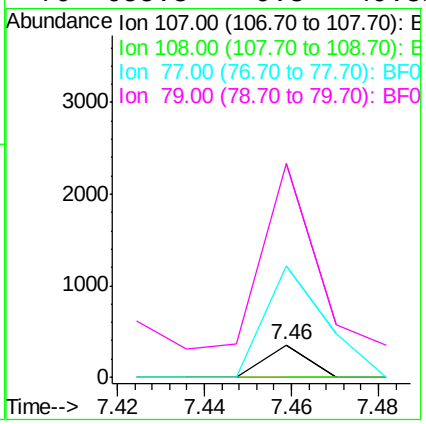


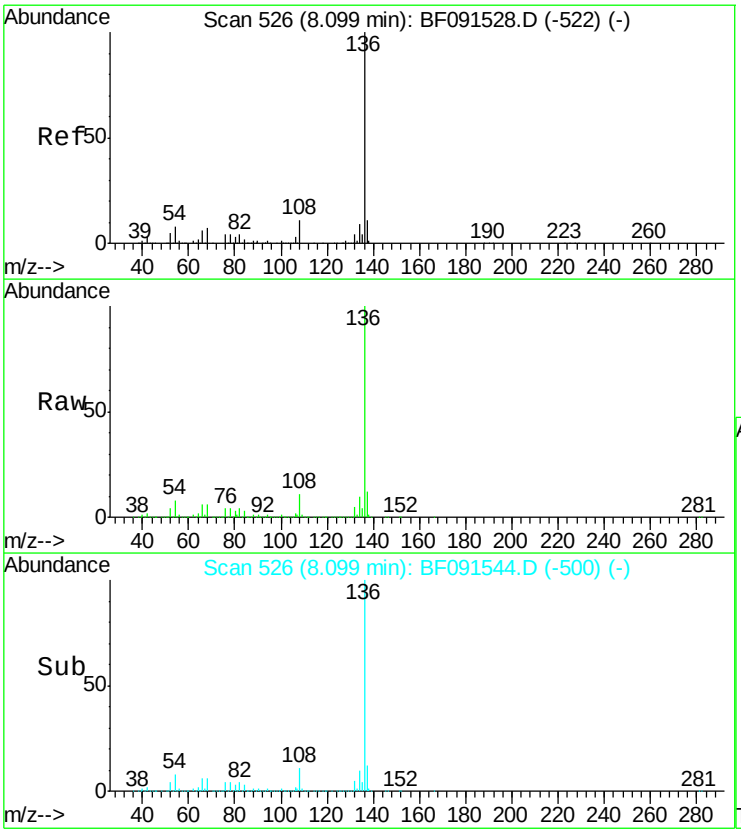
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.46 min Scan# 470
Delta R.T. 0.23 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:107 Resp: 244

Ion	Ratio	Lower	Upper
107	100		
108	0.0	64.6	104.6#
77	340.4	30.9	70.9#
79	655.3	9.3	49.3#

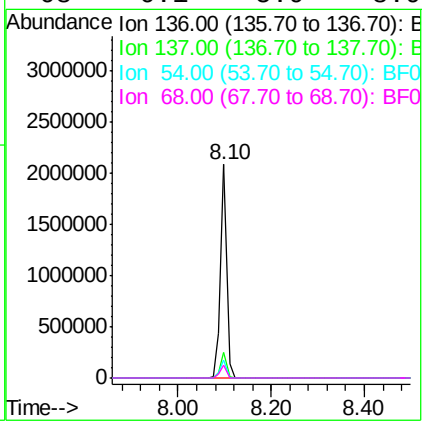


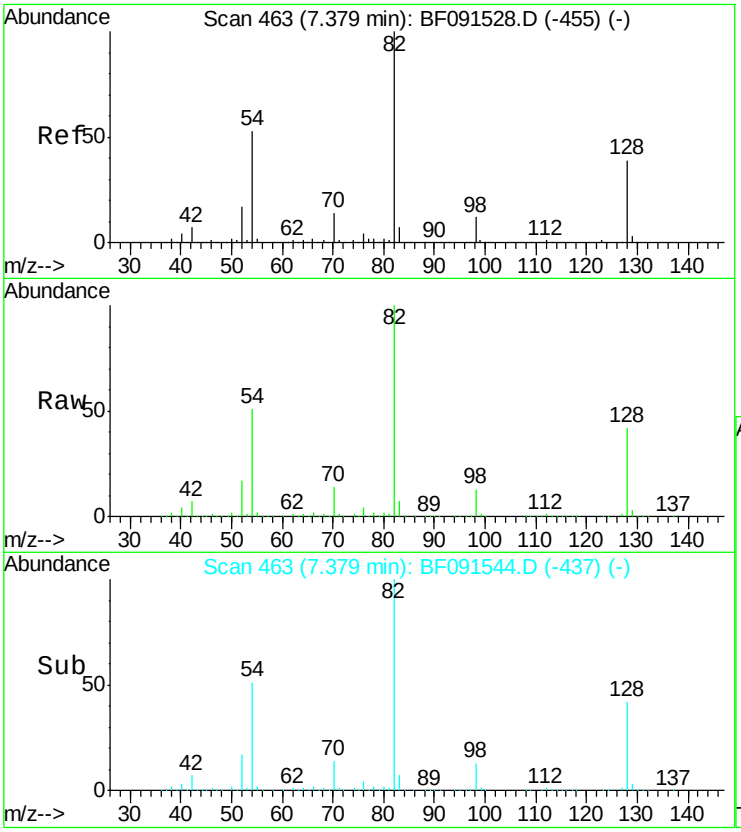


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Tgt Ion:136 Resp: 1853301

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	8.2	9.1	13.7#
68	6.1	5.9	8.9



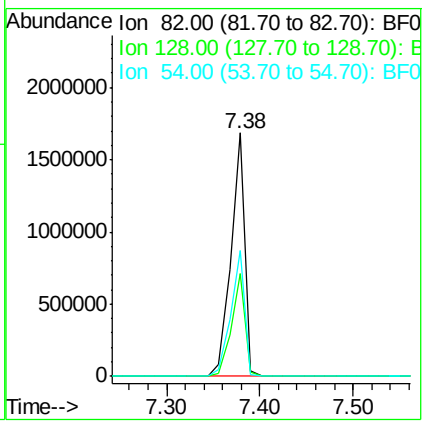


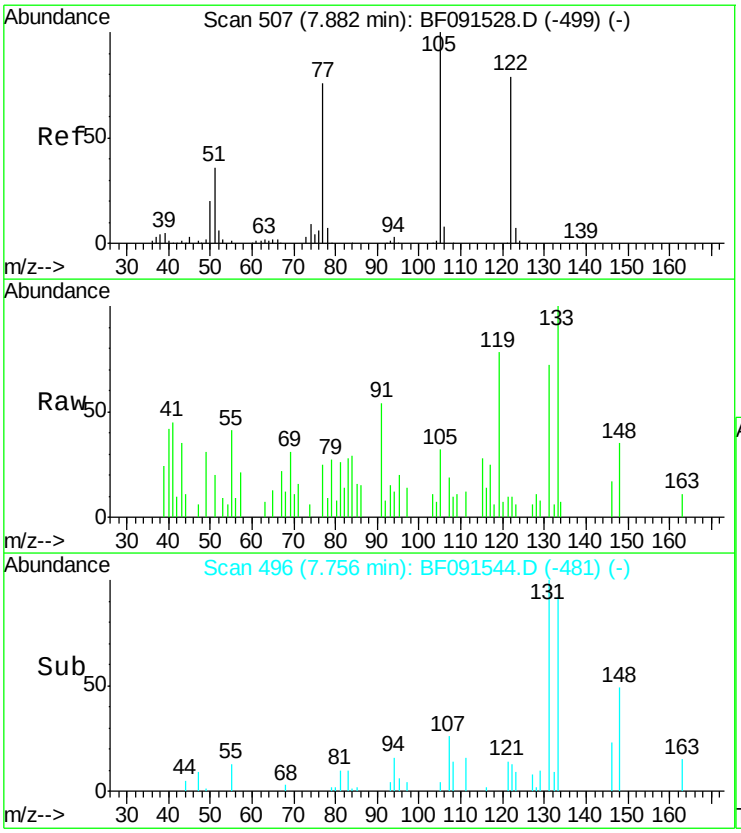
#23
Nitrobenzene-d5
Concen: 52.99 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion: 82 Resp: 1759607

Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.8	47.6
54	51.4	49.1	73.7

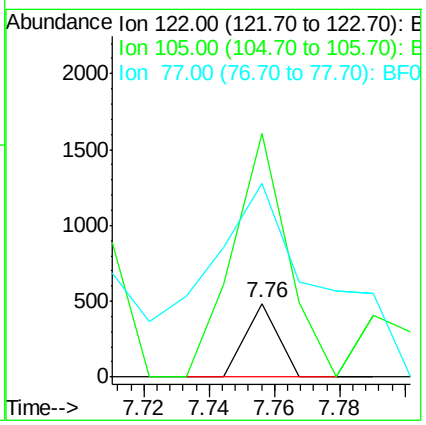


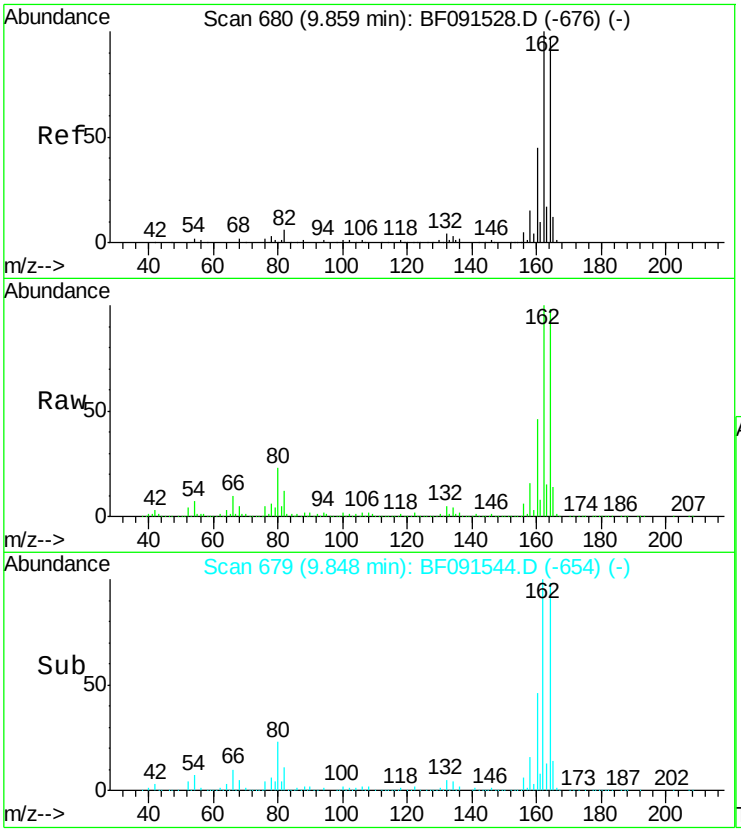


#32
Benzoic acid
Concen: 4.91 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.13 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Tgt Ion:122 Resp: 333

Ion	Ratio	Lower	Upper
122	100		
105	330.9	113.0	153.0#
77	263.5	82.0	122.0#



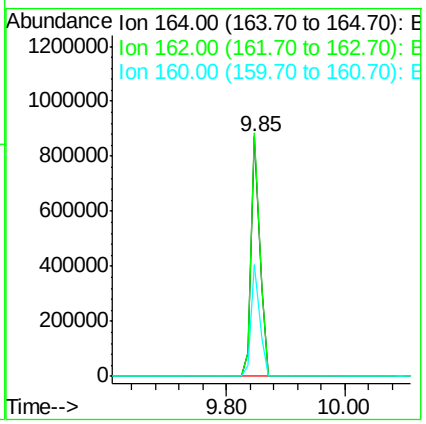


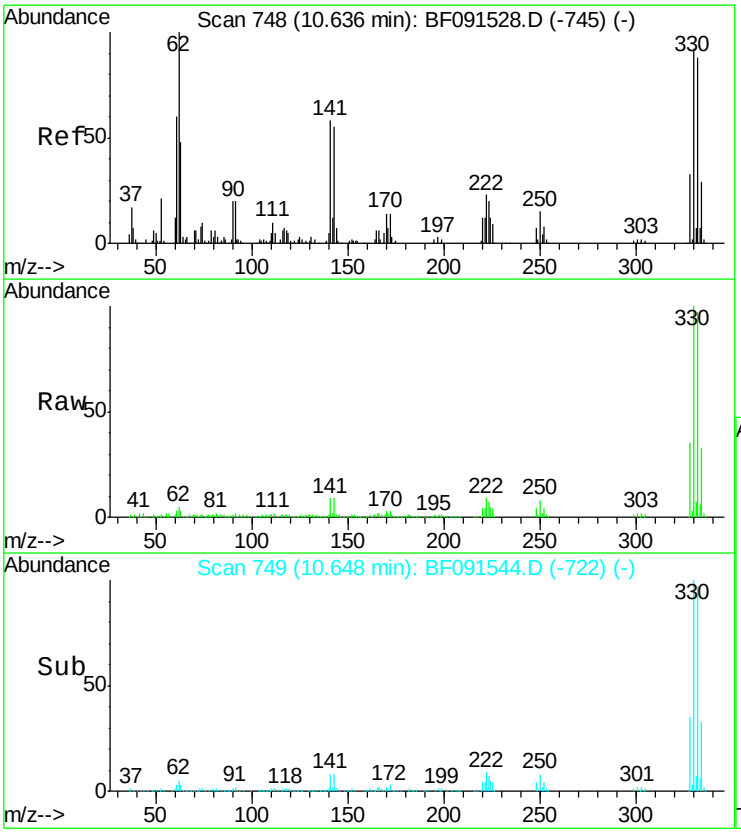
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:164 Resp: 879547

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	46.9	36.7	55.1

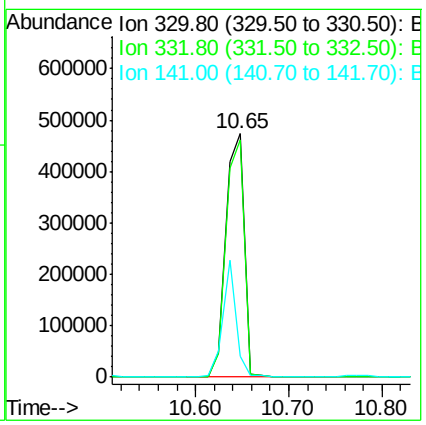


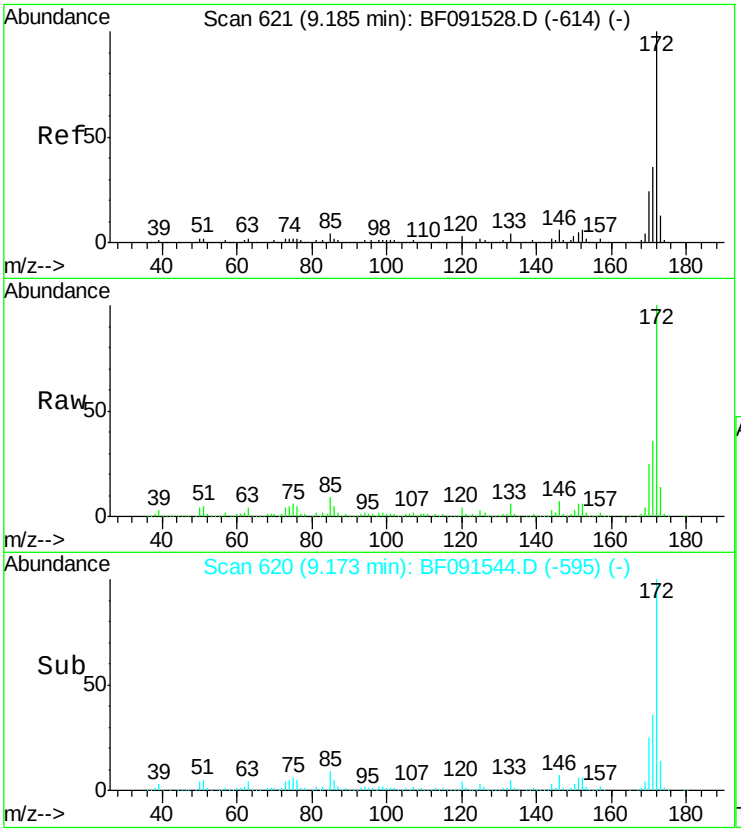


#41
2,4,6-Tribromophenol
Concen: 89.99 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Tgt Ion:330 Resp: 657398

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	33.8	33.6	50.4



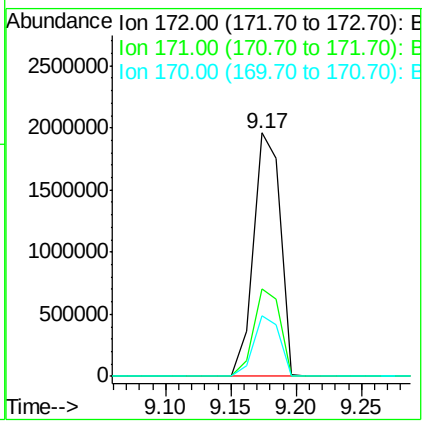


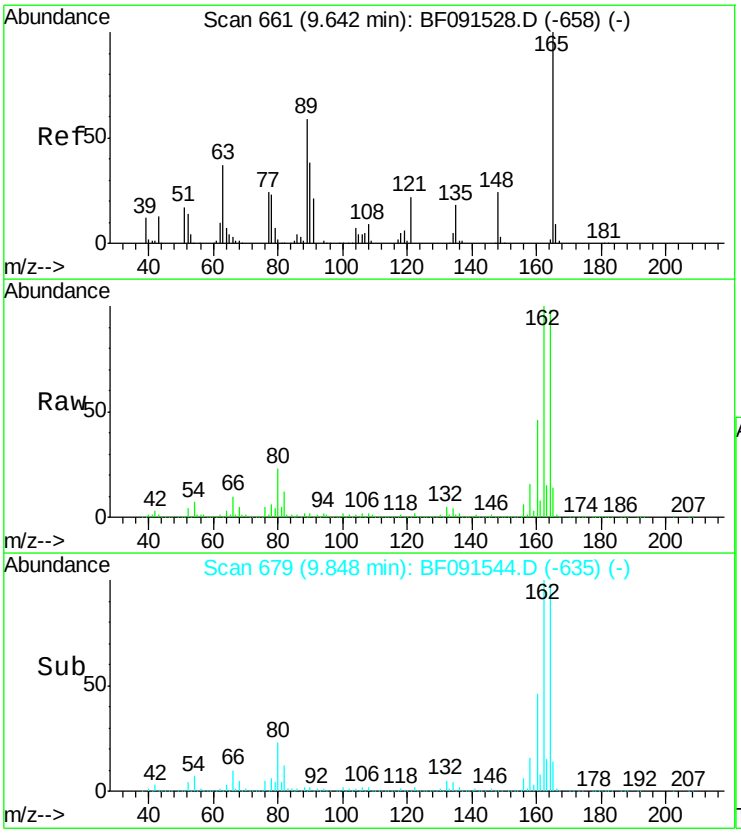
#44
2-Fluorobiphenyl
Concen: 55.25 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:172 Resp: 2812652

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.7	19.7	29.5

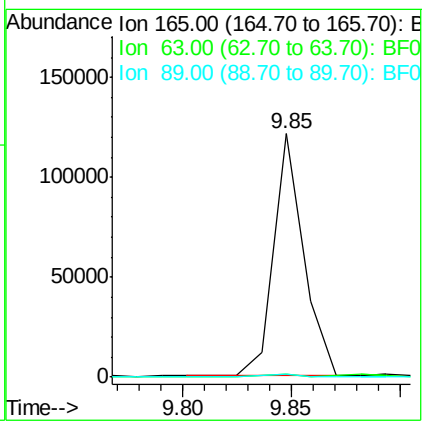


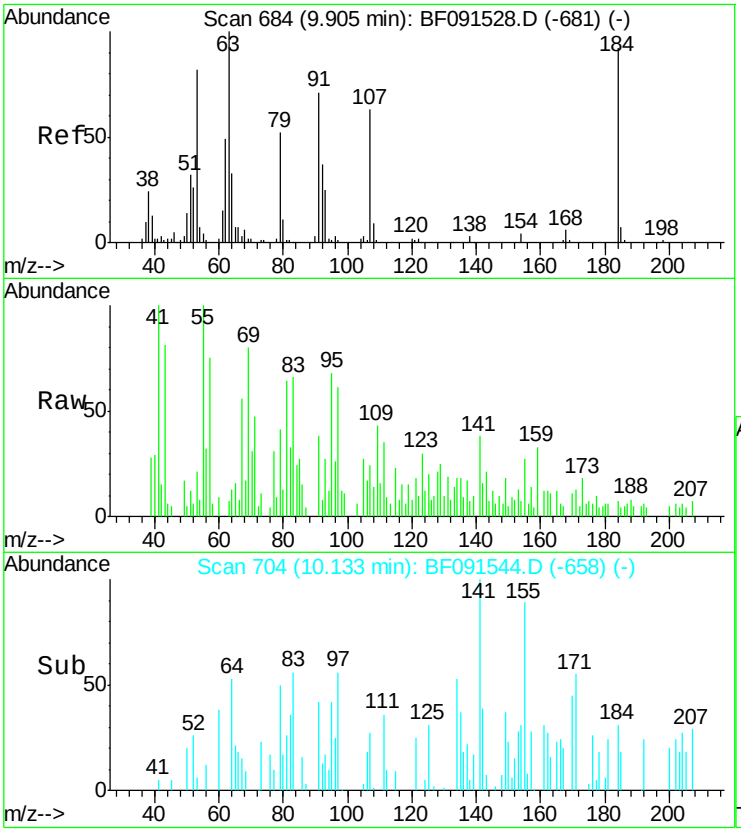


#50
2,6-Dinitrotoluene
Concen: 9.62 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.21 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Tgt Ion:165 Resp: 117550

Ion	Ratio	Lower	Upper
165	100		
63	1.3	59.4	89.0#
89	1.5	50.8	76.2#



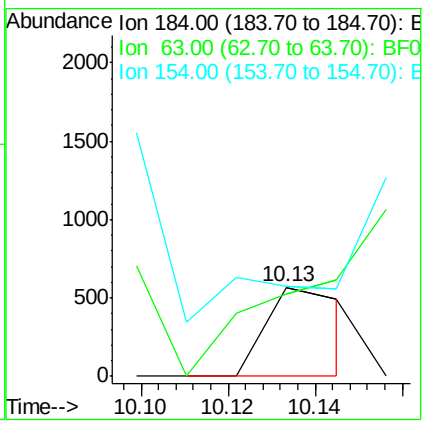


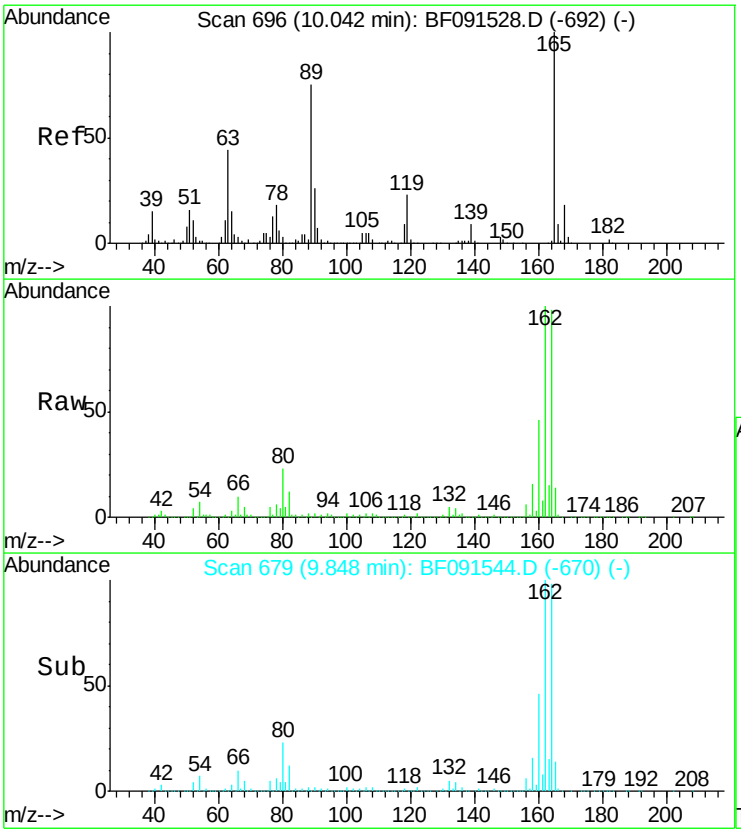
#53
2,4-Dinitrophenol
Concen: 2.14 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.23 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:184 Resp: 725

Ion	Ratio	Lower	Upper
184	100		
63	92.1	58.3	87.5#
154	100.9	48.6	73.0#

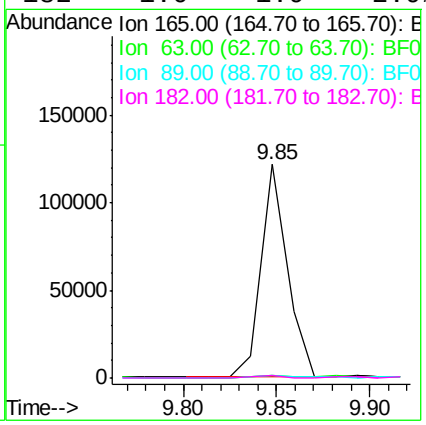


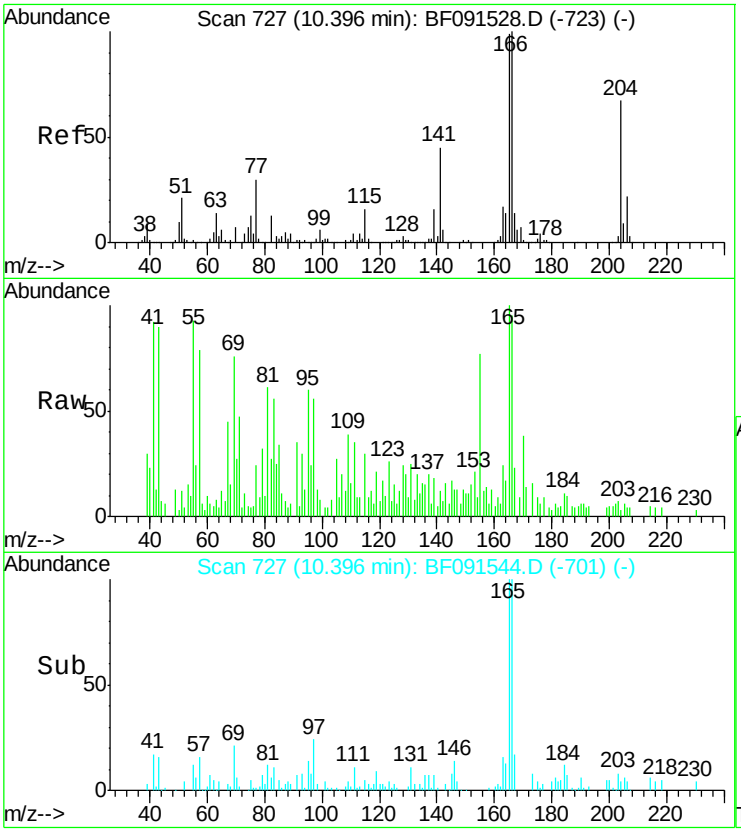


#56
2,4-Dinitrotoluene
Concen: 7.69 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.19 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Tgt Ion:165 Resp: 117861

Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.0	43.4#
89	1.5	43.1	64.7#
182	1.0	1.9	2.9#



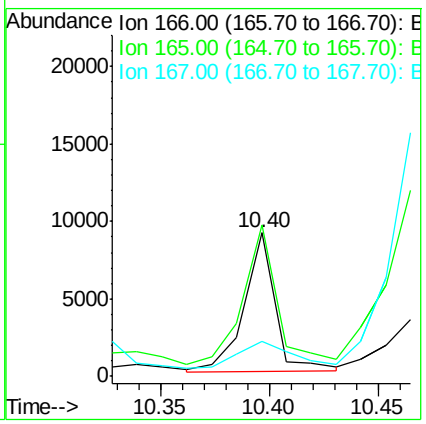


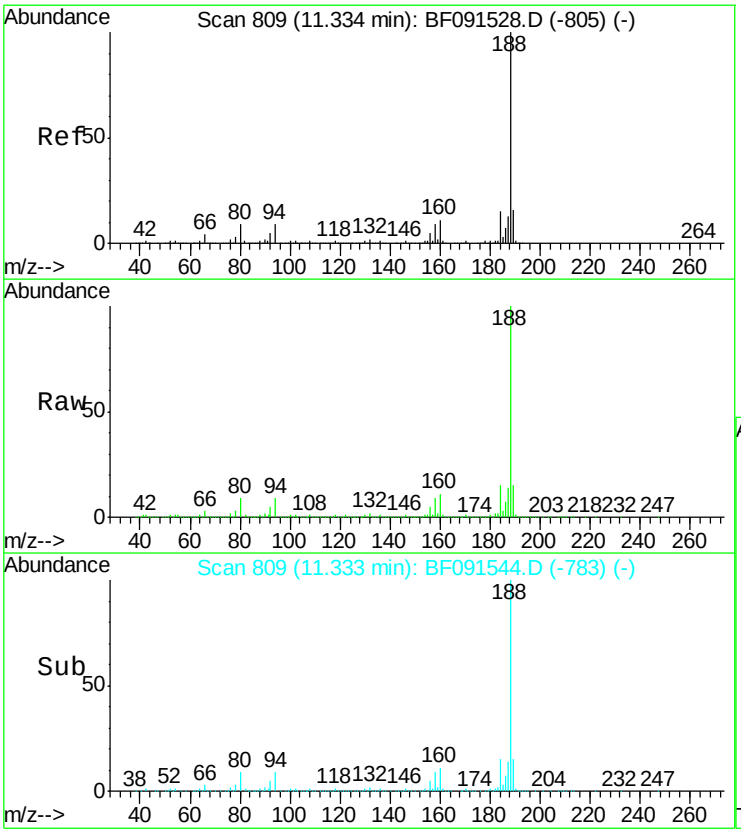
#57
Fluorene
Concen: Below Cal
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:166 Resp: 8951

Ion	Ratio	Lower	Upper
166	100		
165	105.4	80.0	120.0
167	24.7	10.8	16.2#

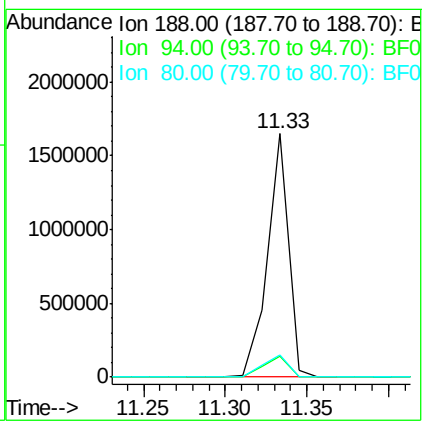


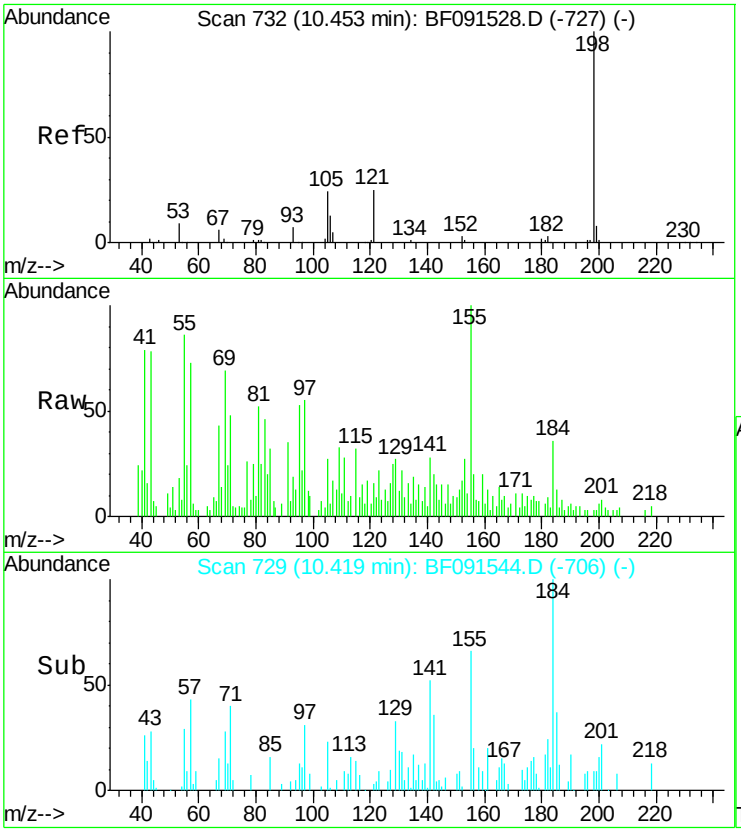


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Tgt Ion:188 Resp: 1486022

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.2	13.8#
80	9.3	10.5	15.7#



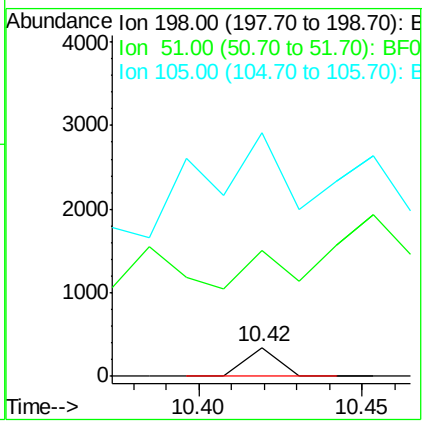


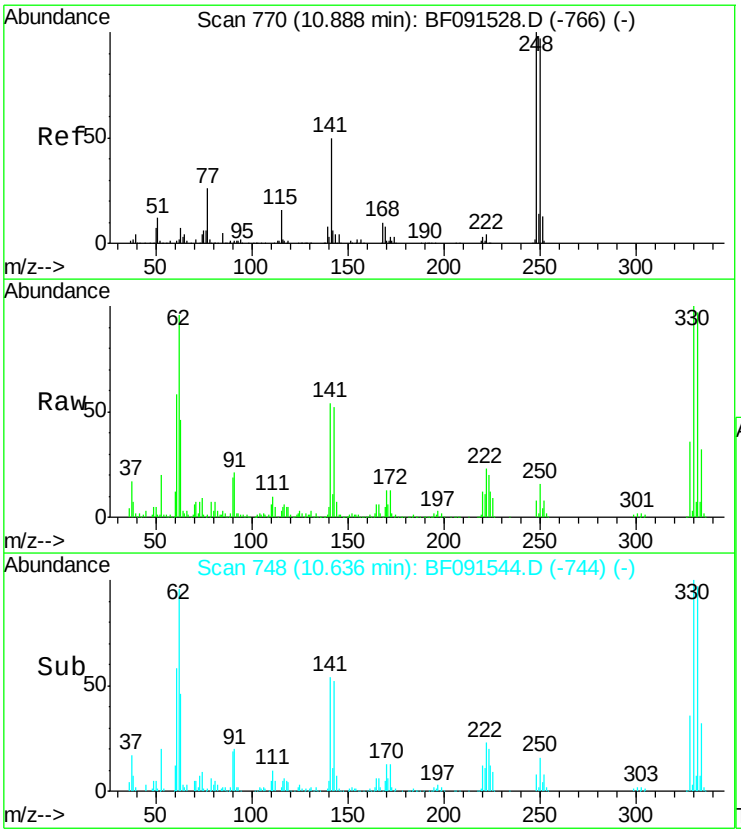
#64
4,6-Dinitro-2-methylphenol
Concen: 2.97 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:198 Resp: 237

Ion	Ratio	Lower	Upper
198	100		
51	436.8	77.1	117.1#
105	844.1	44.8	84.8#

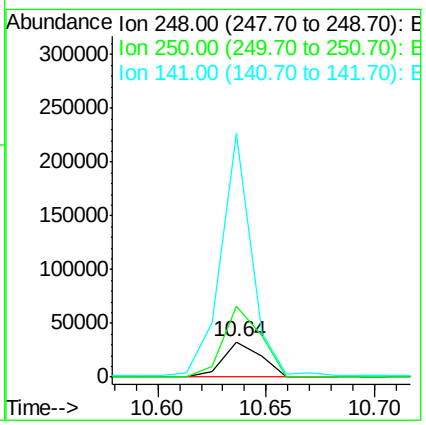


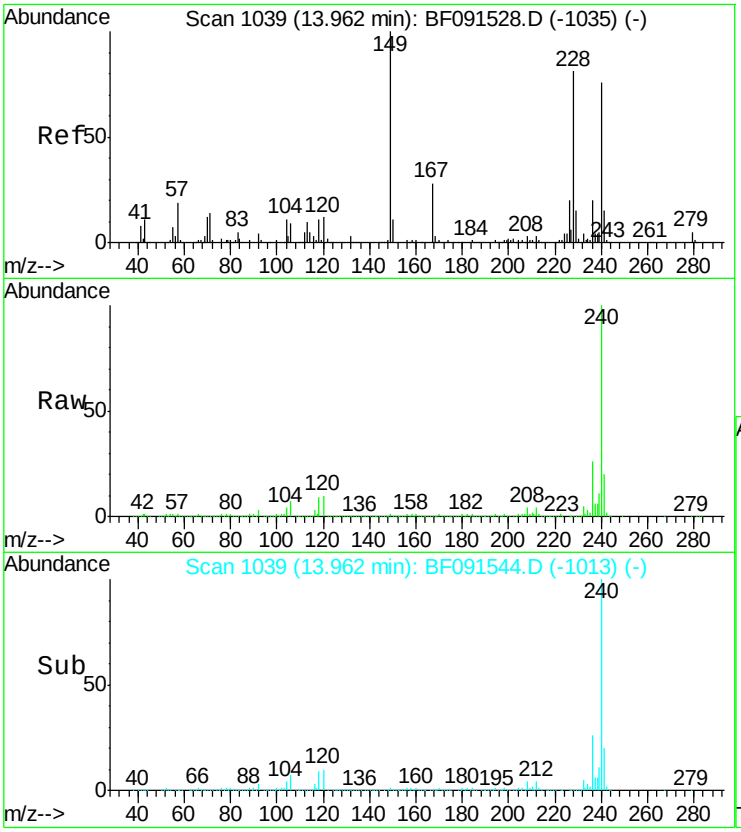


#66
4-Bromophenyl-phenylether
Concen: 2.63 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Tgt Ion:248 Resp: 40099

Ion	Ratio	Lower	Upper
248	100		
250	197.8	78.2	117.4#
141	685.4	71.9	107.9#



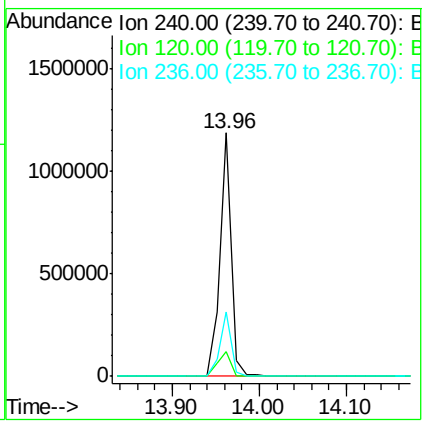


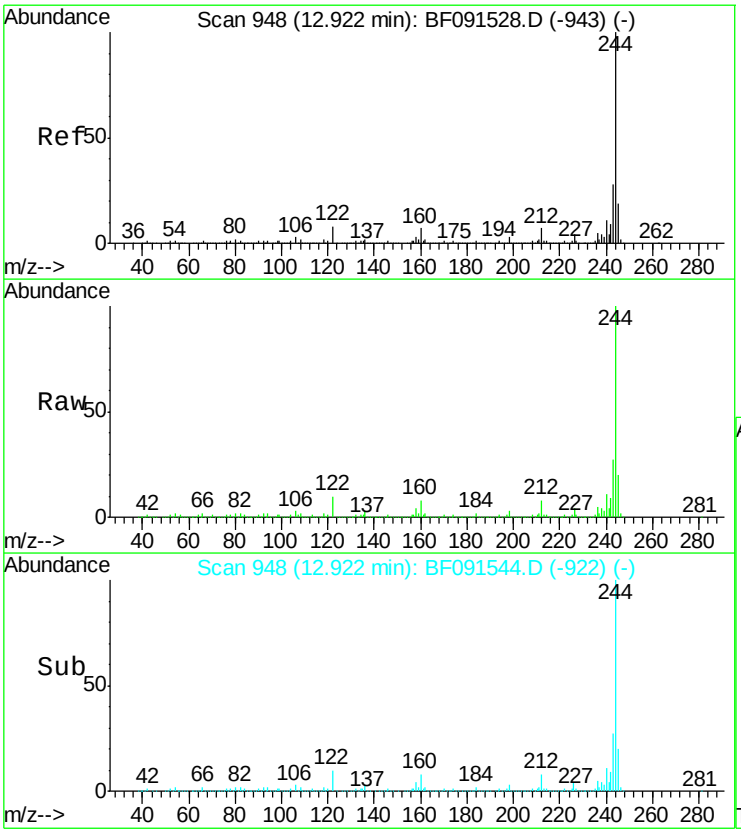
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:240 Resp: 1105659

Ion	Ratio	Lower	Upper
240	100		
120	10.1	12.1	18.1#
236	26.4	21.0	31.6

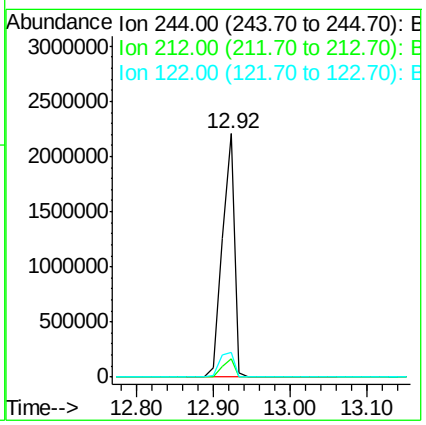


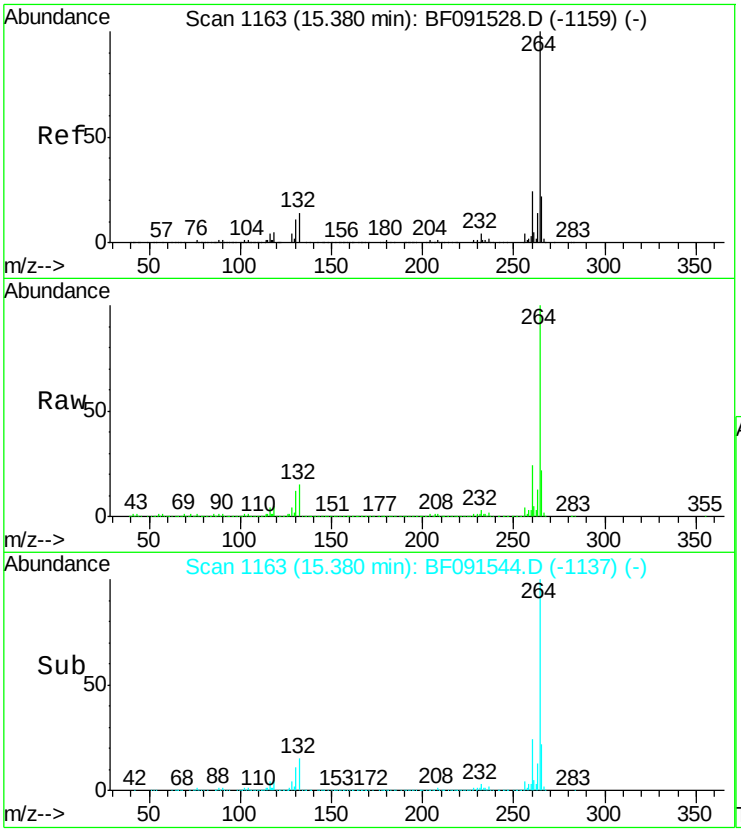


#78
Terphenyl-d14
Concen: 50.91 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Tgt Ion:244 Resp: 2480489

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	10.2	9.5	14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091544.D
Acq: 9 Dec 2016 23:06

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tgt Ion:264 Resp: 941038

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.7	17.0	25.6