Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
Data File : BF087244.D
Acq On : 21 May 2016 00:50
Operator : UM/SJ
Sample : H3142-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-GT-106

Quant Time: May 21 02:17:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 21 00:19:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	119770	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	528757	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	268814	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	494429	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	400133	20.00	ng	-0.01
86) Perylene-d12	15.04	264	285848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	490500	68.84	ng	0.01
7) Phenol-d6	6.23	99	425654	44.54	ng	0.00
23) Nitrobenzene-d5	7.13	82	804386	75.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	319433	107.53	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1554347	95.76	ng	0.00
78) Terphenyl-d14	12.65	244	1358415	76.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.70	88	124048	33.84	ng	# 22
9) Benzaldehyde	6.33	77	23763	3.43	ng	# 81
19) n-Nitroso-di-n-propylamine	7.13	70	112026	15.42	ng	# 73
25) Isophorone	7.13	82	763800	39.33	ng	# 68
50) 2,6-Dinitrotoluene	9.59	165	34336	7.71	ng	# 20
56) 2,4-Dinitrotoluene	9.59	165	34336	6.02	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	21808	4.29	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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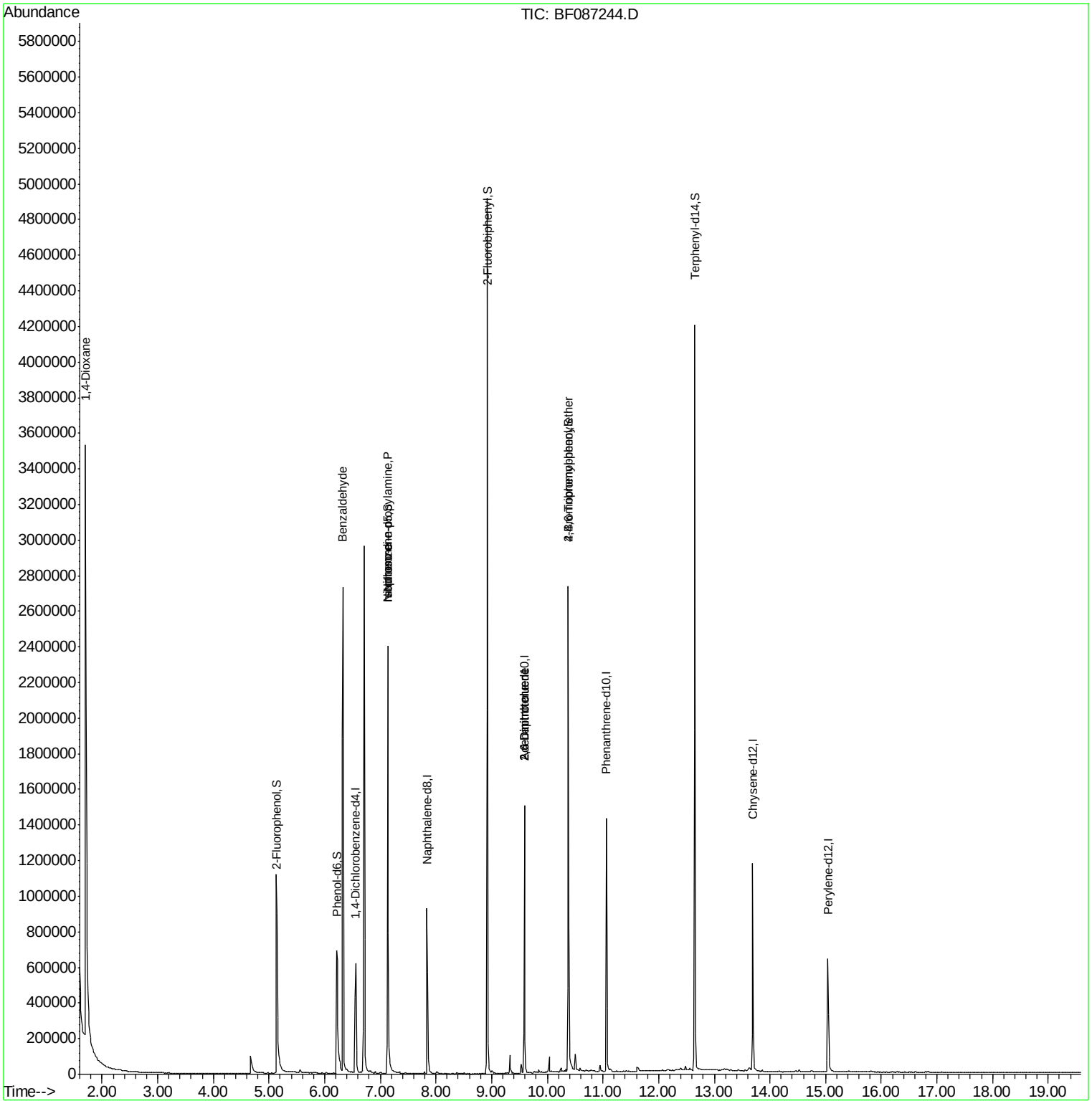
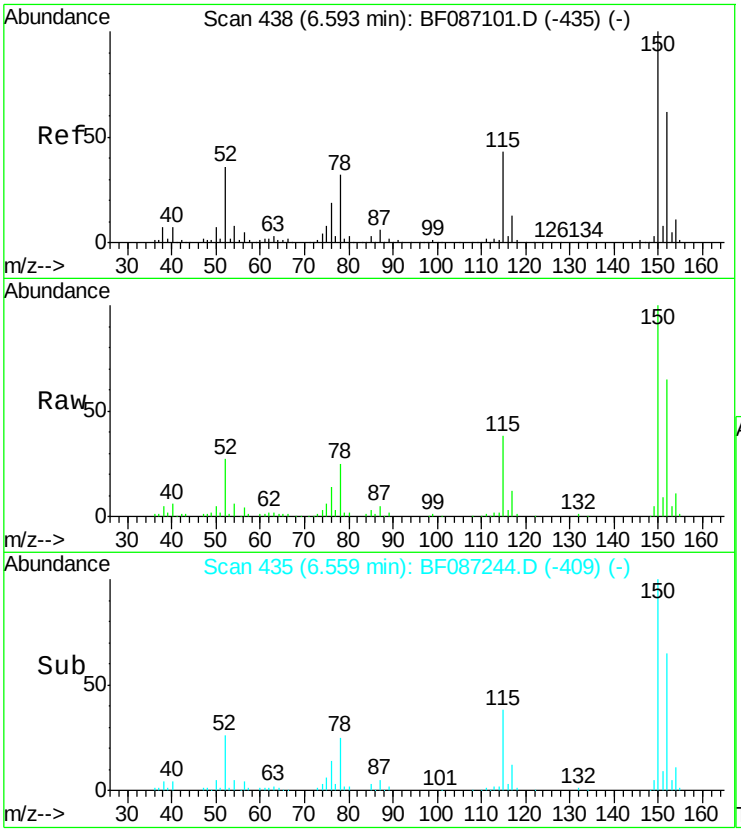


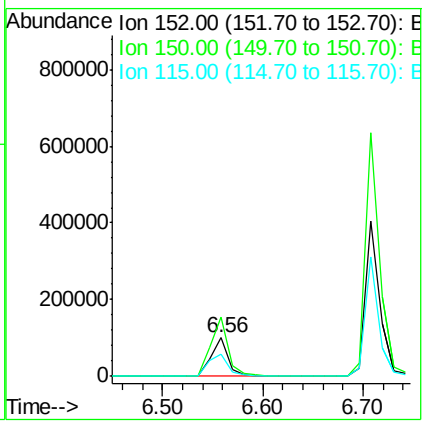


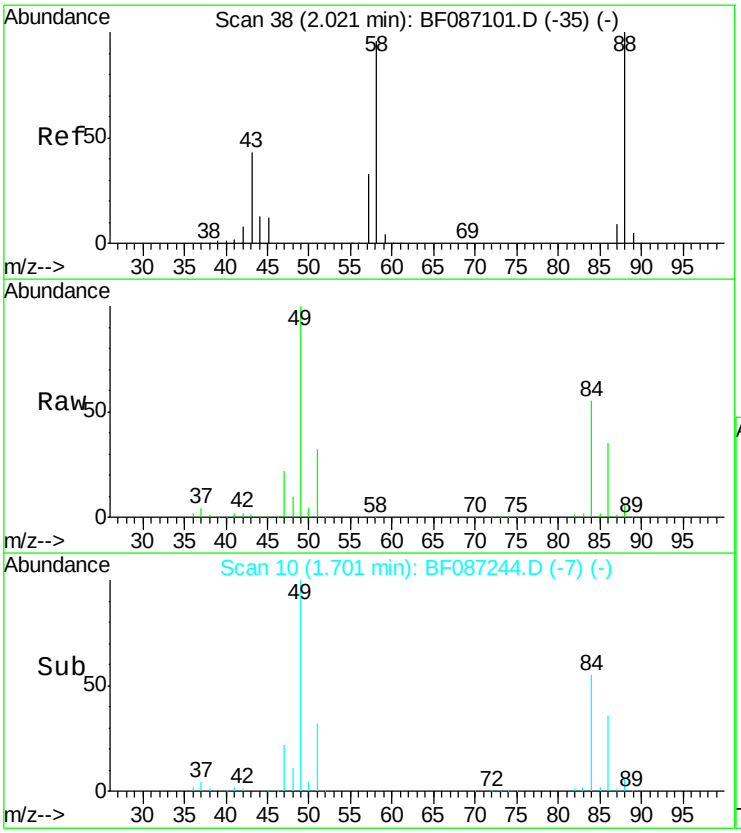
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tgt Ion:152 Resp: 119770

Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.8	188.6
115	59.0	51.5	77.3

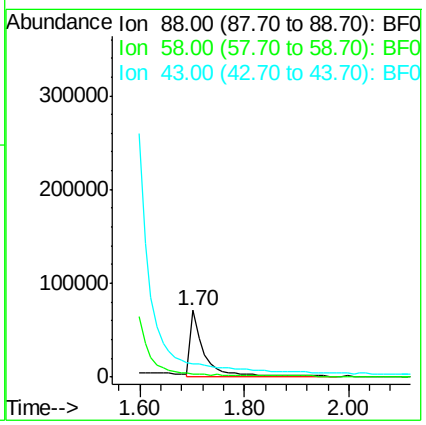


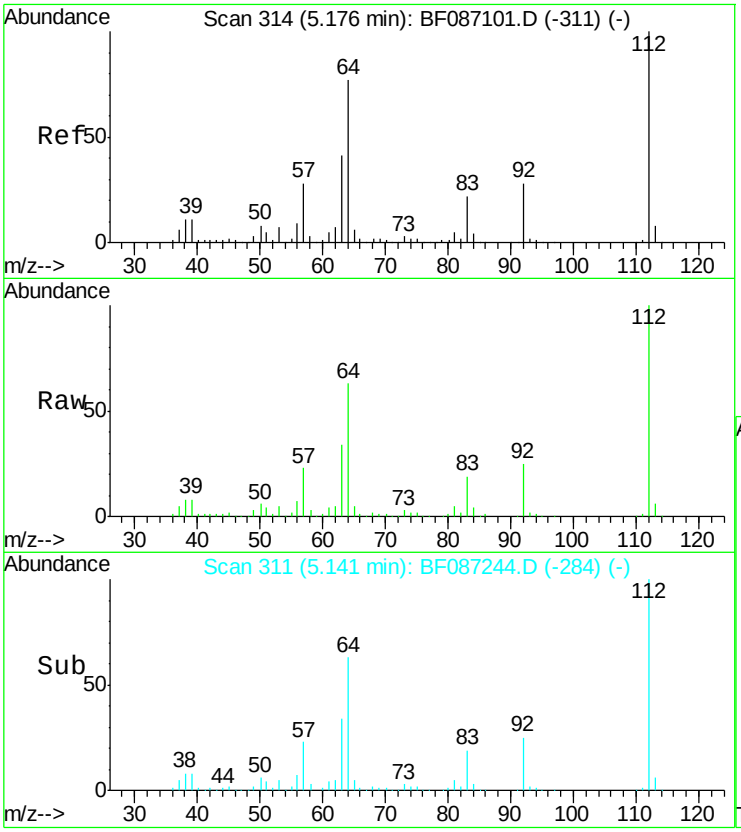


#2
1,4-Dioxane
Concen: 33.84 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion: 88 Resp: 124048

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



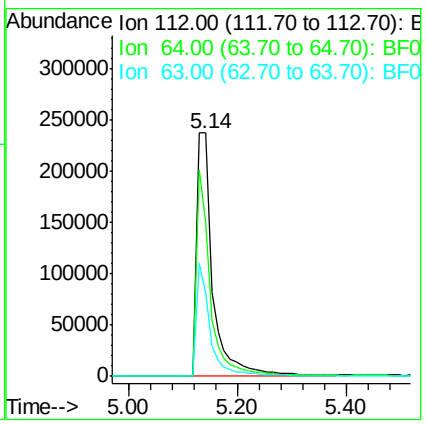


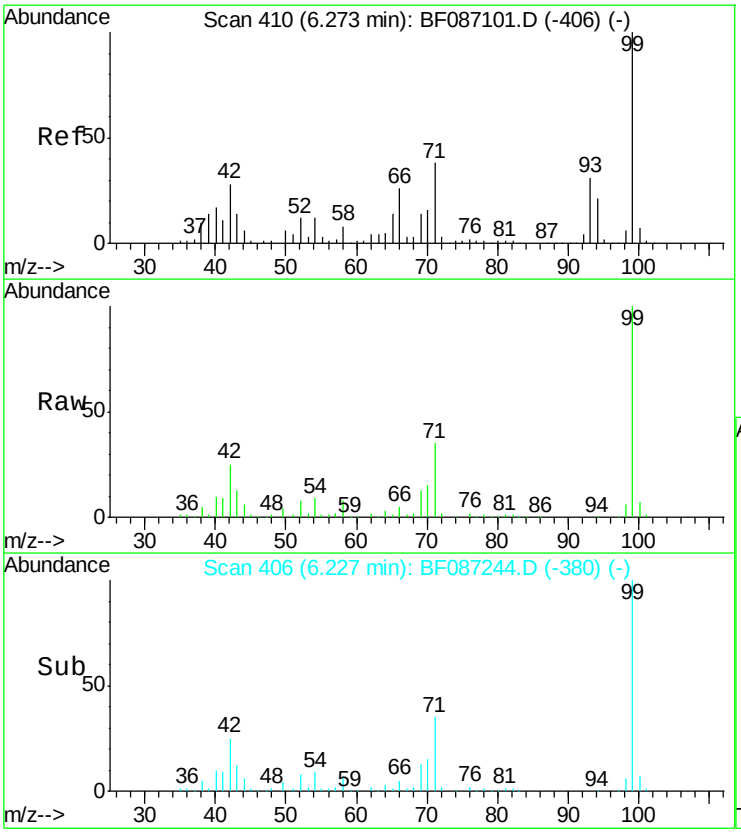
#5
2-Fluorophenol
Concen: 68.84 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tgt Ion:112 Resp: 490500

Ion	Ratio	Lower	Upper
112	100		
64	63.0	52.1	78.1
63	34.3	25.7	38.5

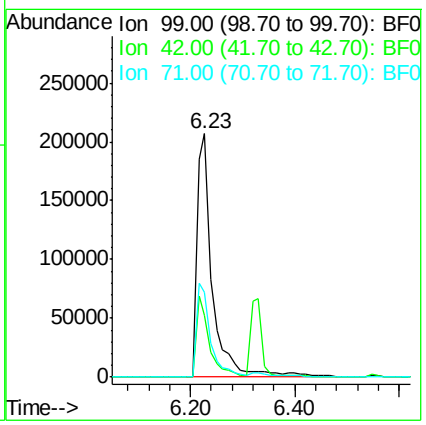


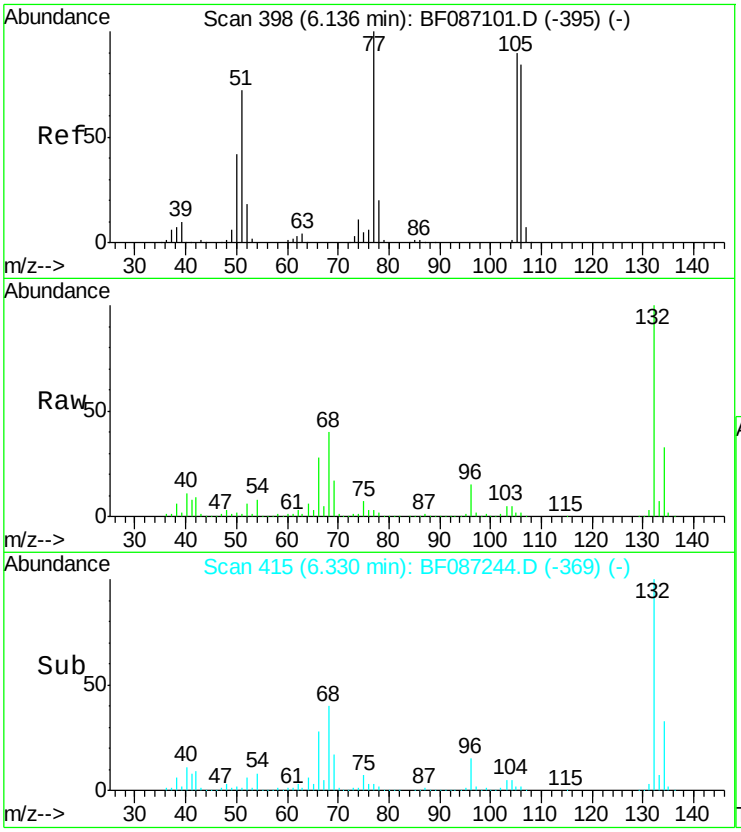


#7
Phenol-d6
Concen: 44.54 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion: 99 Resp: 425654

Ion	Ratio	Lower	Upper
99	100		
42	25.3	13.6	20.4#
71	34.7	24.6	36.8



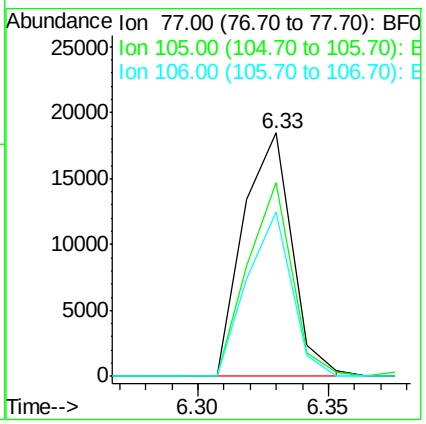


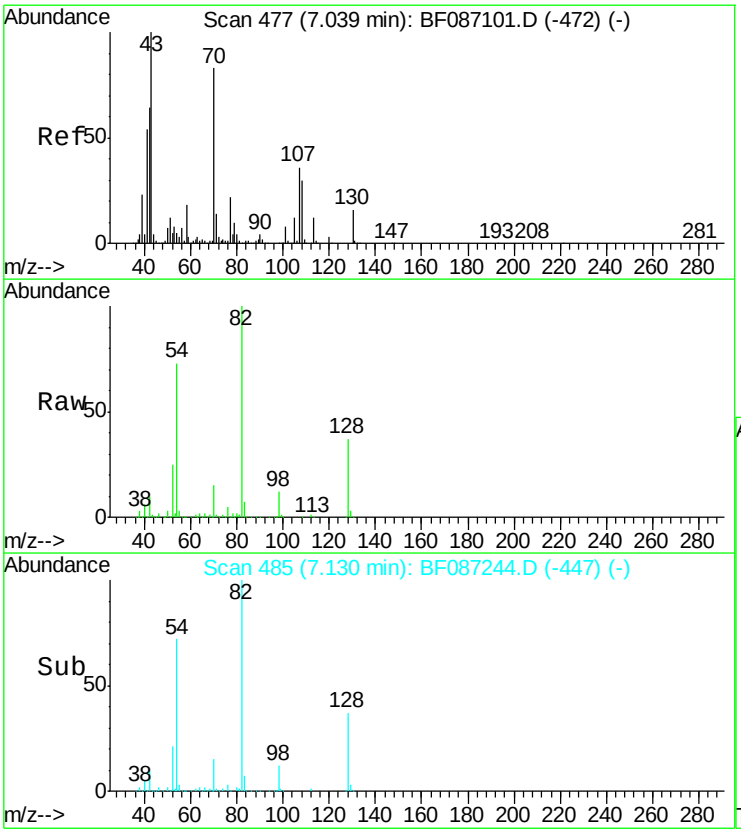
#9
Benzaldehyde
Concen: 3.43 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tgt Ion: 77 Resp: 23763

Ion	Ratio	Lower	Upper
77	100		
105	79.5	72.7	112.7
106	67.3	70.8	110.8#

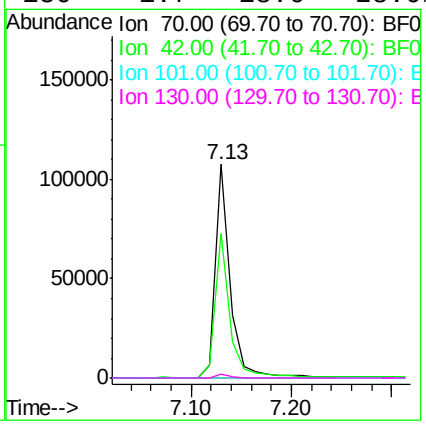


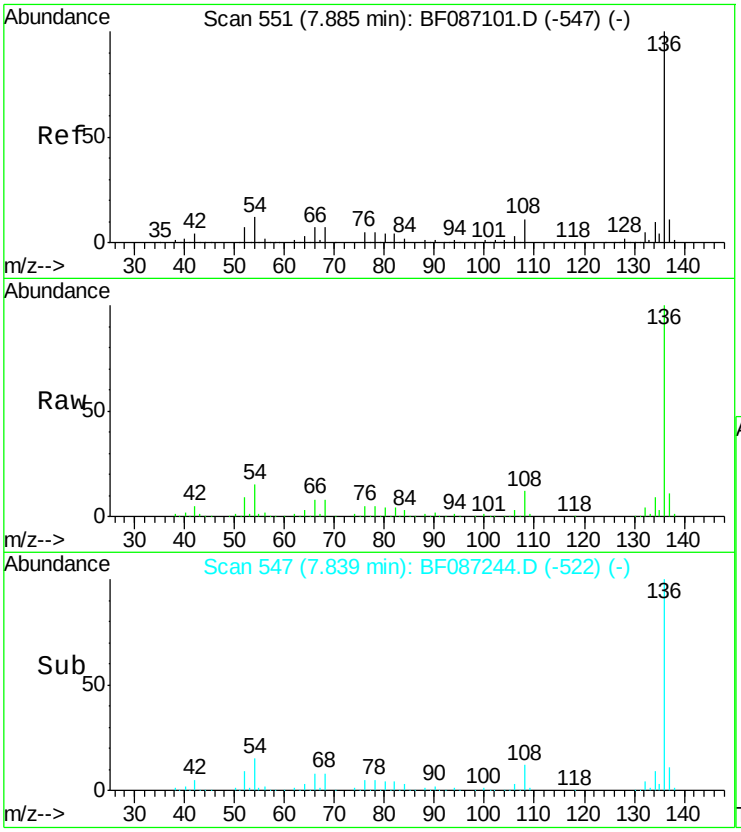


#19
n-Nitroso-di-n-propylamine
Concen: 15.42 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion: 70 Resp: 112026

Ion	Ratio	Lower	Upper
70	100		
42	67.9	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



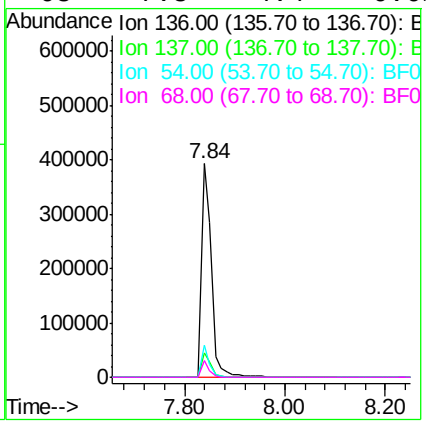


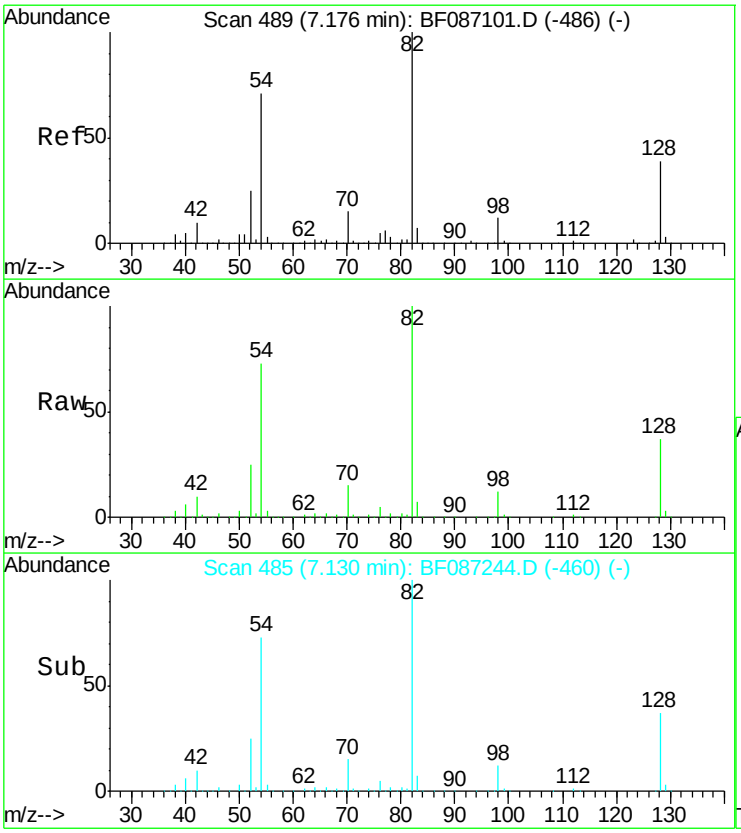
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tgt Ion:136 Resp: 528757

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.8	5.0	7.4#
68	7.8	4.4	6.6#

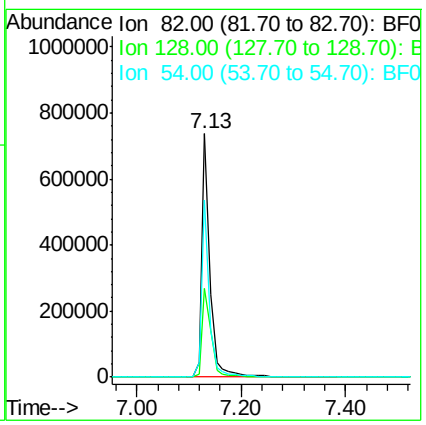


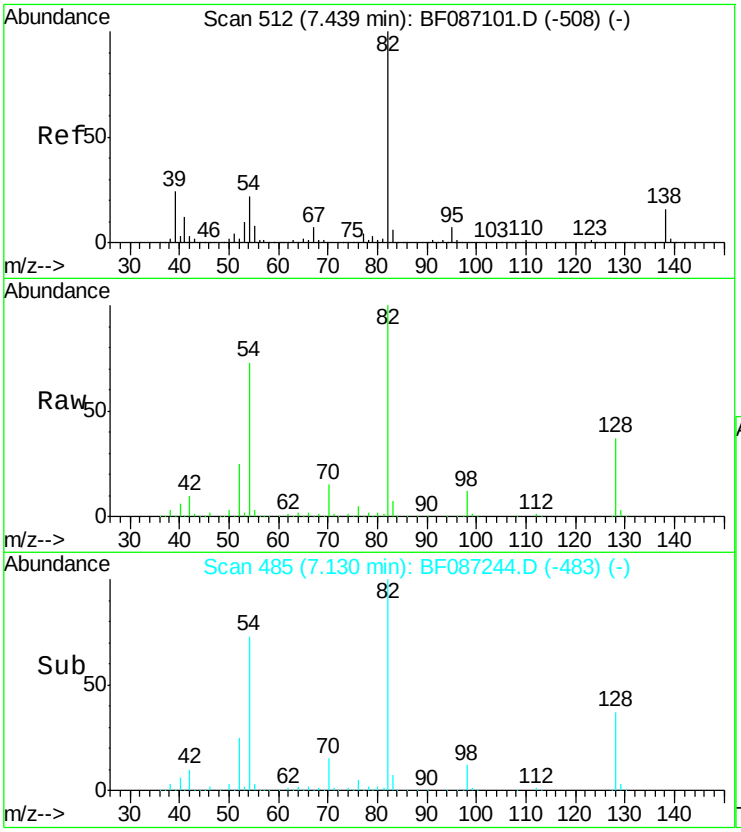


#23
Nitrobenzene-d5
Concen: 75.82 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion: 82 Resp: 804386

Ion	Ratio	Lower	Upper
82	100		
128	36.7	40.6	61.0#
54	72.6	38.1	57.1#



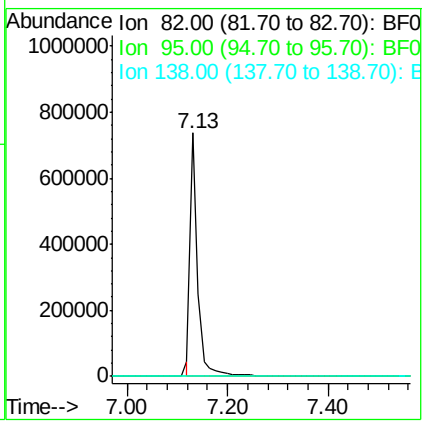


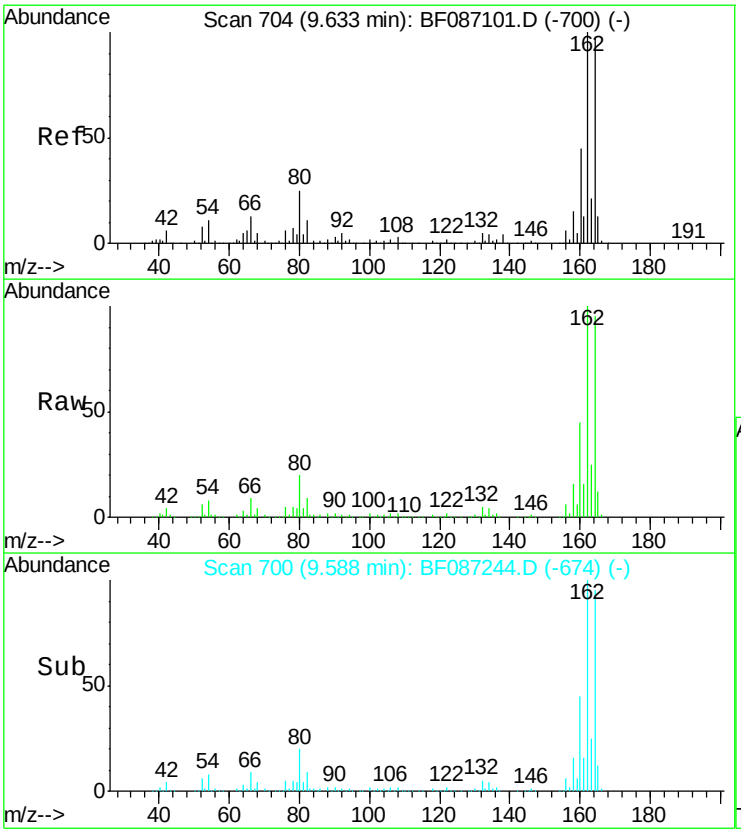
#25
Isophorone
Concen: 39.33 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.27 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tgt Ion: 82 Resp: 763800

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

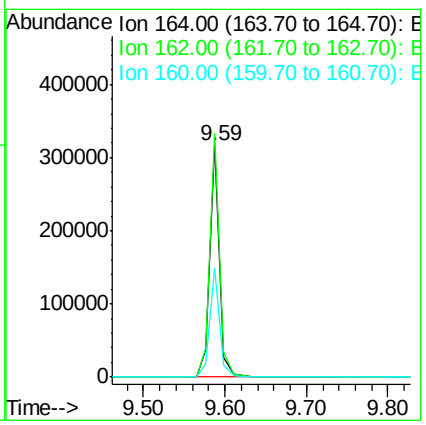


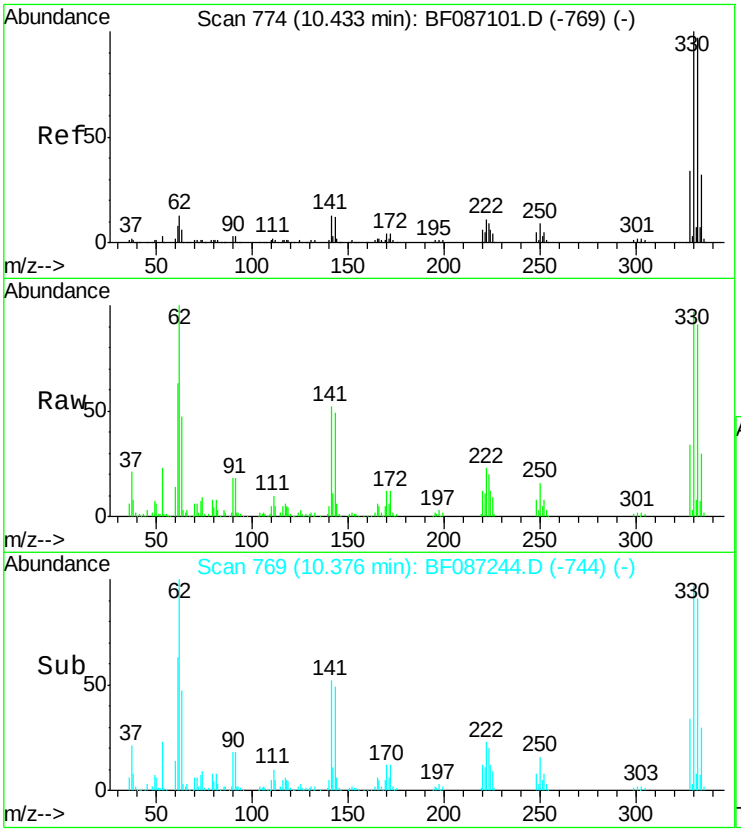


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion:164 Resp: 268814

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.8	124.2
160	46.9	36.9	55.3



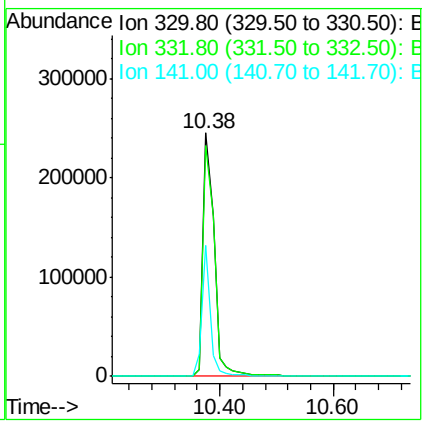


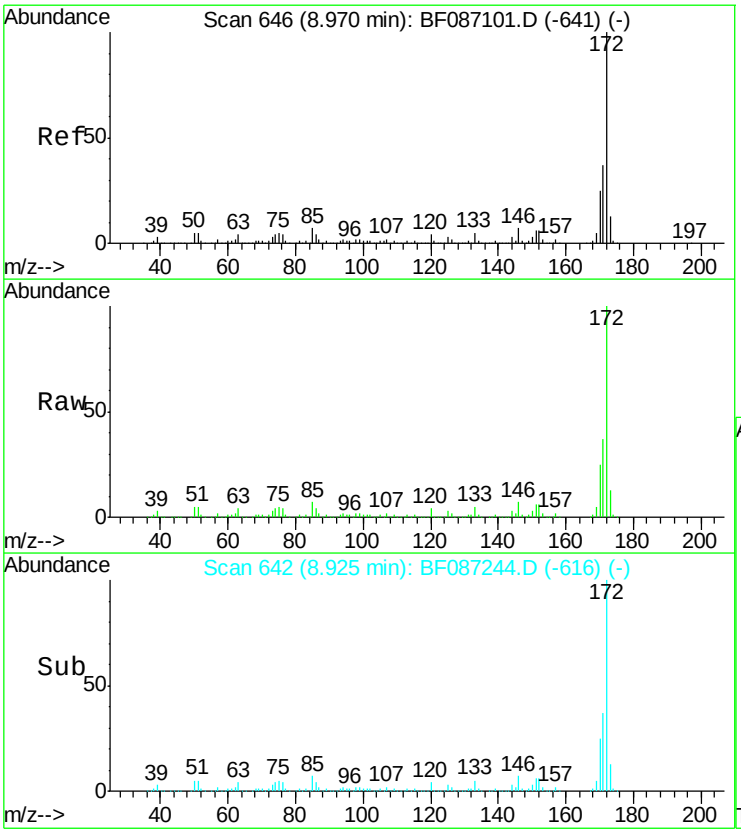
#41
2,4,6-Tribromophenol
Concen: 107.53 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tgt Ion:330 Resp: 319433

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	41.9	31.2	46.8

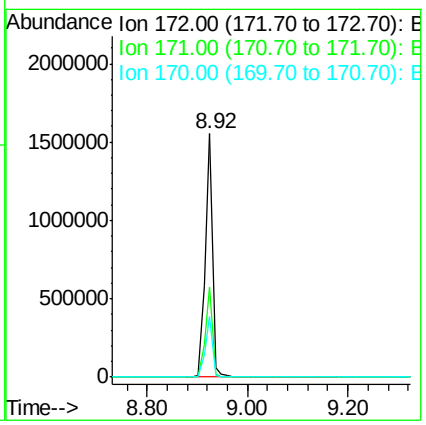


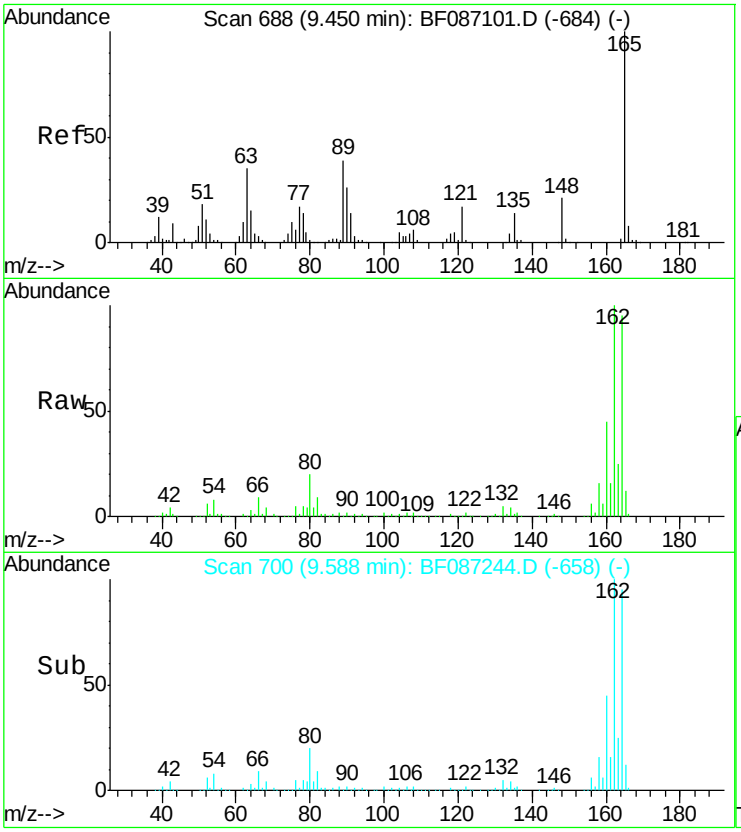


#44
2-Fluorobiphenyl
Concen: 95.76 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion:172 Resp: 1554347

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.1	19.8	29.8



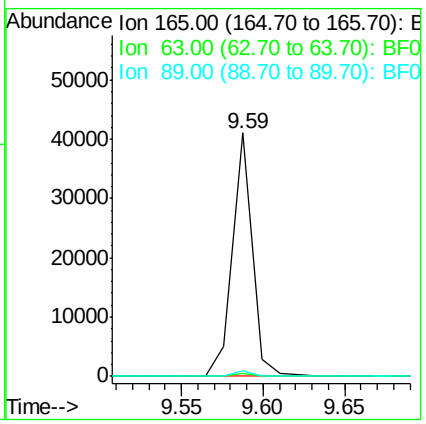


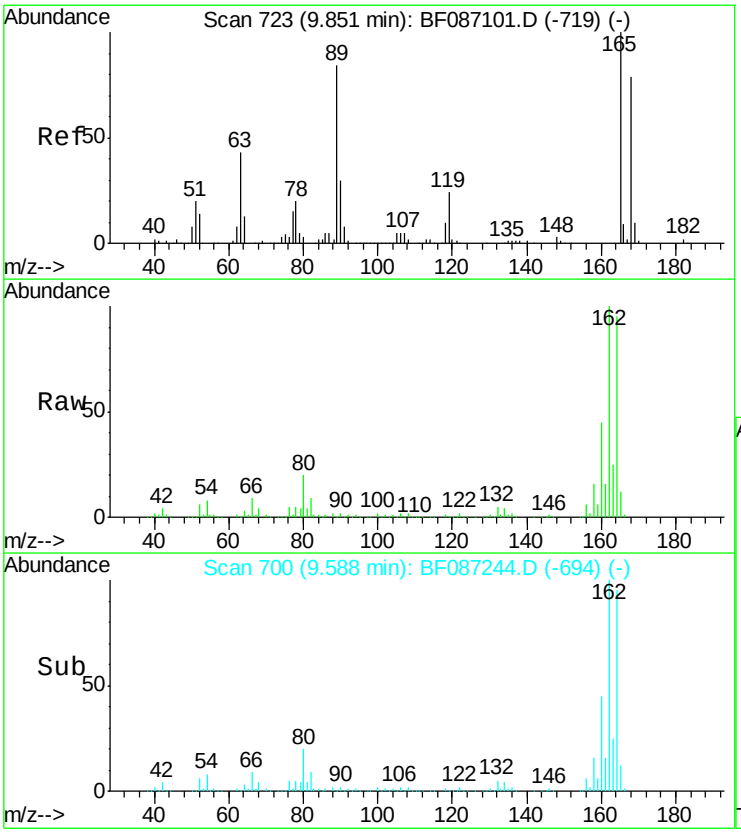
#50
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.18 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tgt Ion:165 Resp: 34336

Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.8#
89	2.1	50.7	76.1#

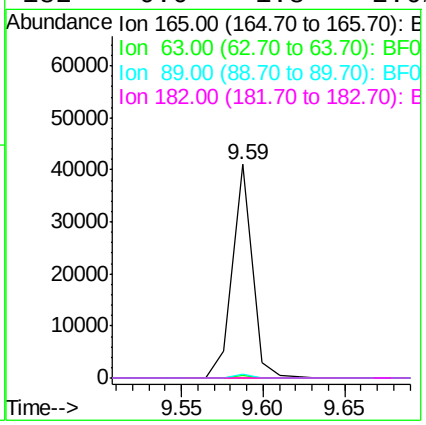


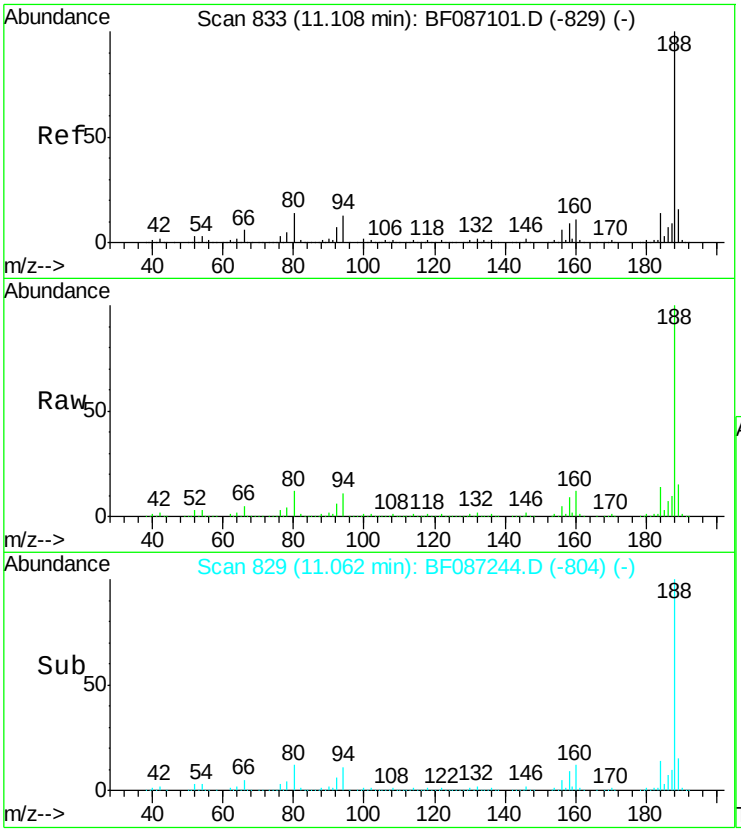


#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.23 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion:165 Resp: 34336

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#



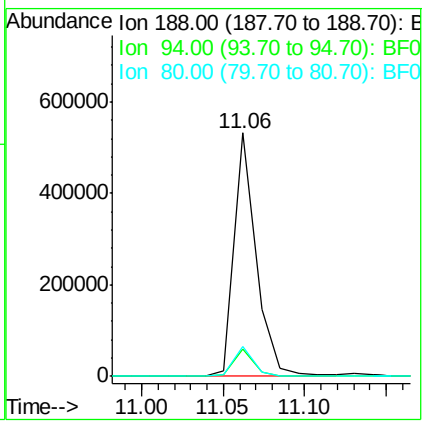


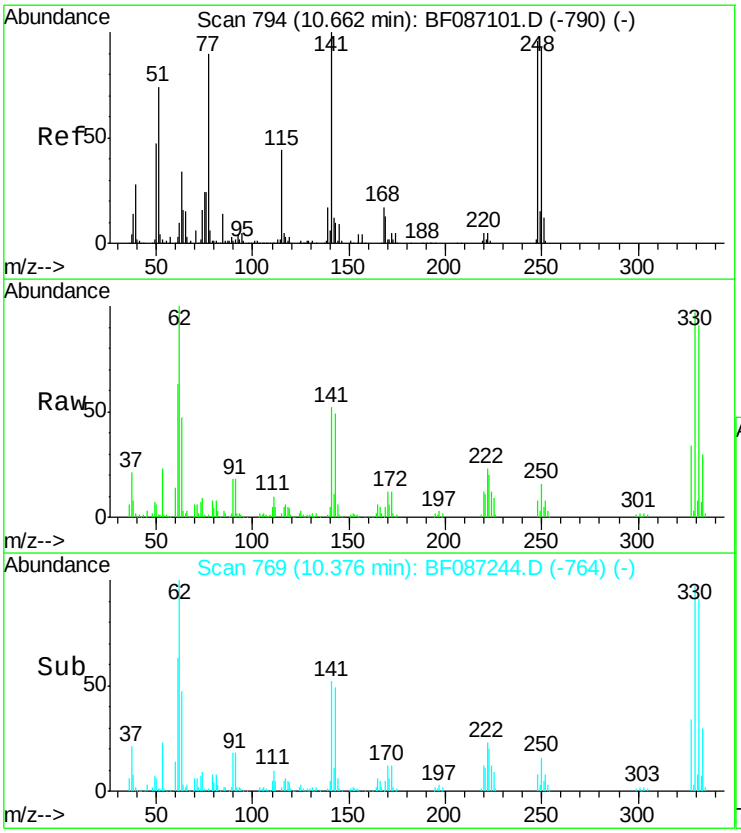
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tgt Ion:188 Resp: 494429

Ion	Ratio	Lower	Upper
188	100		
94	11.4	6.8	10.2#
80	12.1	7.1	10.7#

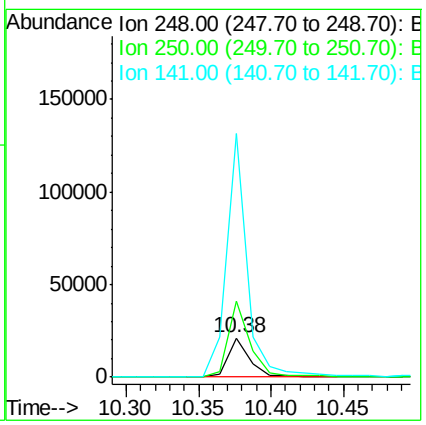


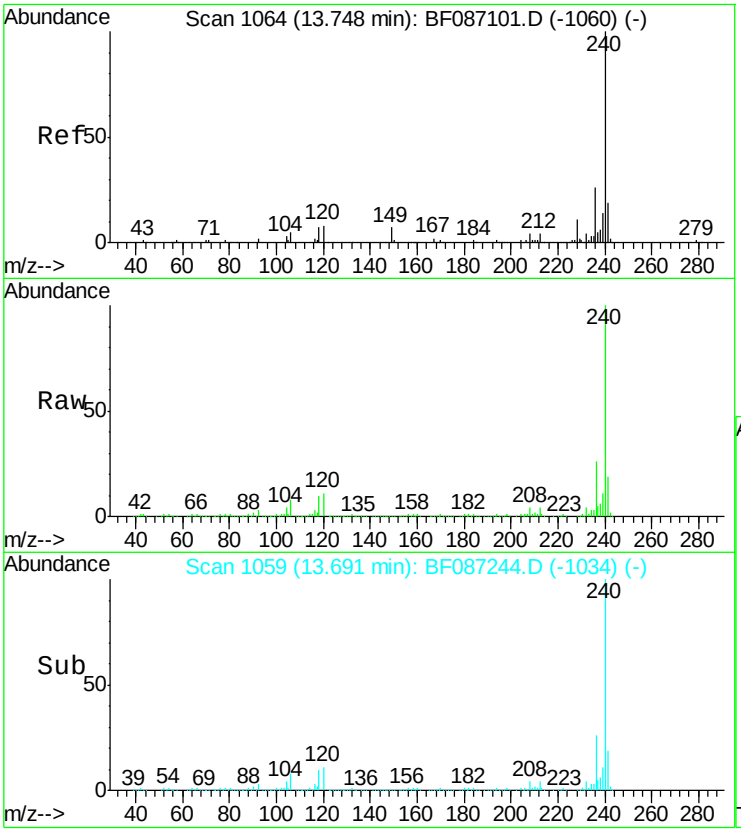


#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.24 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion:248 Resp: 21808

Ion	Ratio	Lower	Upper
248	100		
250	196.1	78.6	117.8#
141	627.1	76.0	114.0#



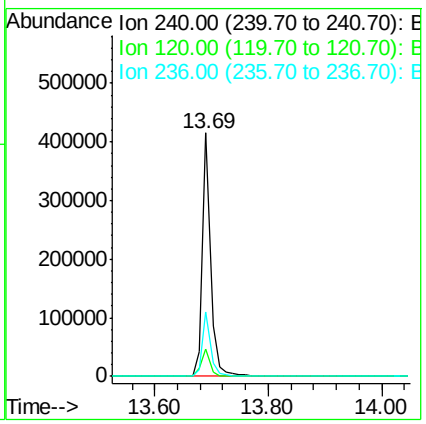


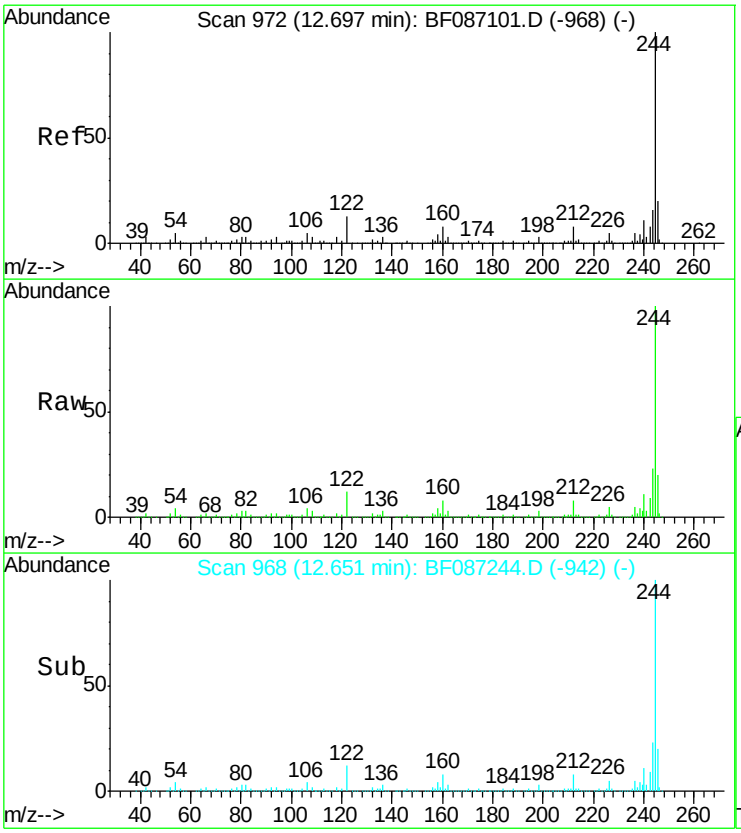
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tgt Ion:240 Resp: 400133

Ion	Ratio	Lower	Upper
240	100		
120	11.2	11.2	16.8
236	26.4	21.2	31.8

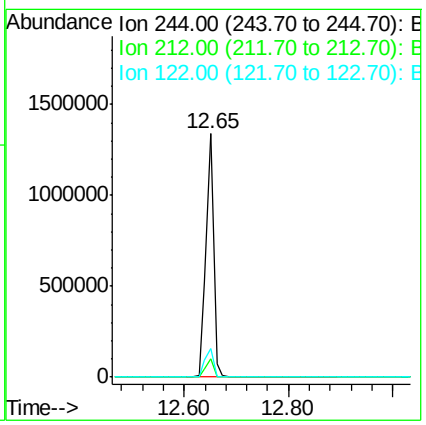


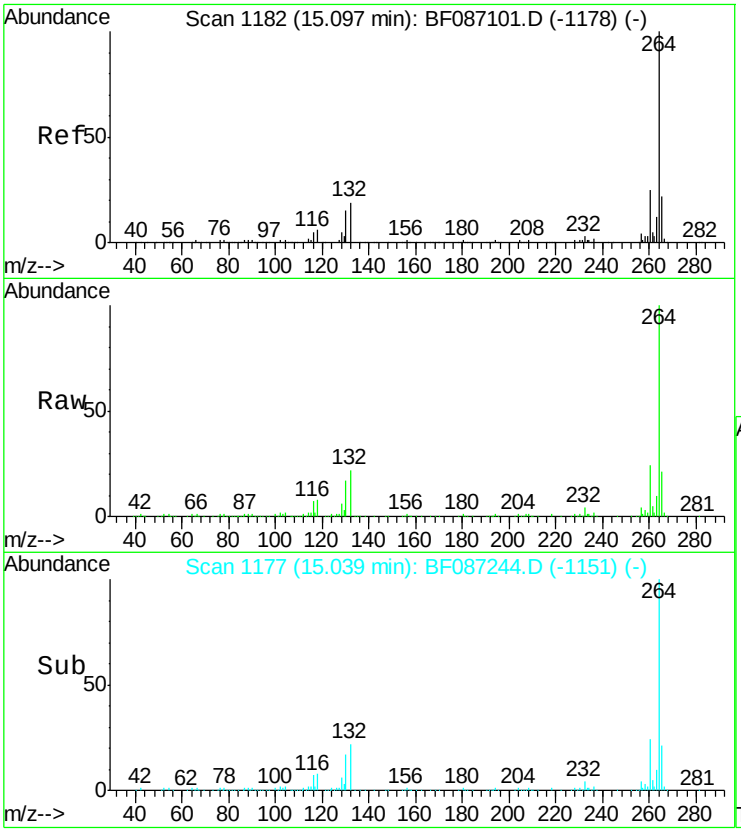


#78
Terphenyl-d14
Concen: 76.80 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Tgt Ion:244 Resp: 1358415

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.5	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087244.D
Acq: 21 May 2016 00:50

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tgt Ion:264 Resp: 285848

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.3	17.3	25.9