Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
Data File : BF087291.D
Acq On : 22 May 2016 15:21
Operator : UM/SJ
Sample : H3172-07
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

Quant Time: May 23 03:38:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 01:56:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	123452	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	518910	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	253038	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	437767	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	304691	20.00	ng	-0.01
86) Perylene-d12	15.05	264	240745	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	373797	50.89	ng	0.01
7) Phenol-d6	6.23	99	339618	34.48	ng	0.00
23) Nitrobenzene-d5	7.13	82	654746	62.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	222546	79.59	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1201918	78.67	ng	0.00
78) Terphenyl-d14	12.65	244	1037344	77.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.70	88	114966	30.43	ng	# 22
9) Benzaldehyde	6.33	77	17552	2.38	ng	# 83
19) n-Nitroso-di-n-propylamine	7.13	70	95207	12.71	ng	# 71
25) Isophorone	7.13	82	642876	33.73	ng	# 68
50) 2,6-Dinitrotoluene	9.59	165	31748	7.57	ng	# 20
55) 4-Nitrophenol	9.88	139	269	Below Cal		# 1
56) 2,4-Dinitrotoluene	9.59	165	31748	5.91	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	15014	3.34	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
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Acq On : 22 May 2016 15:21
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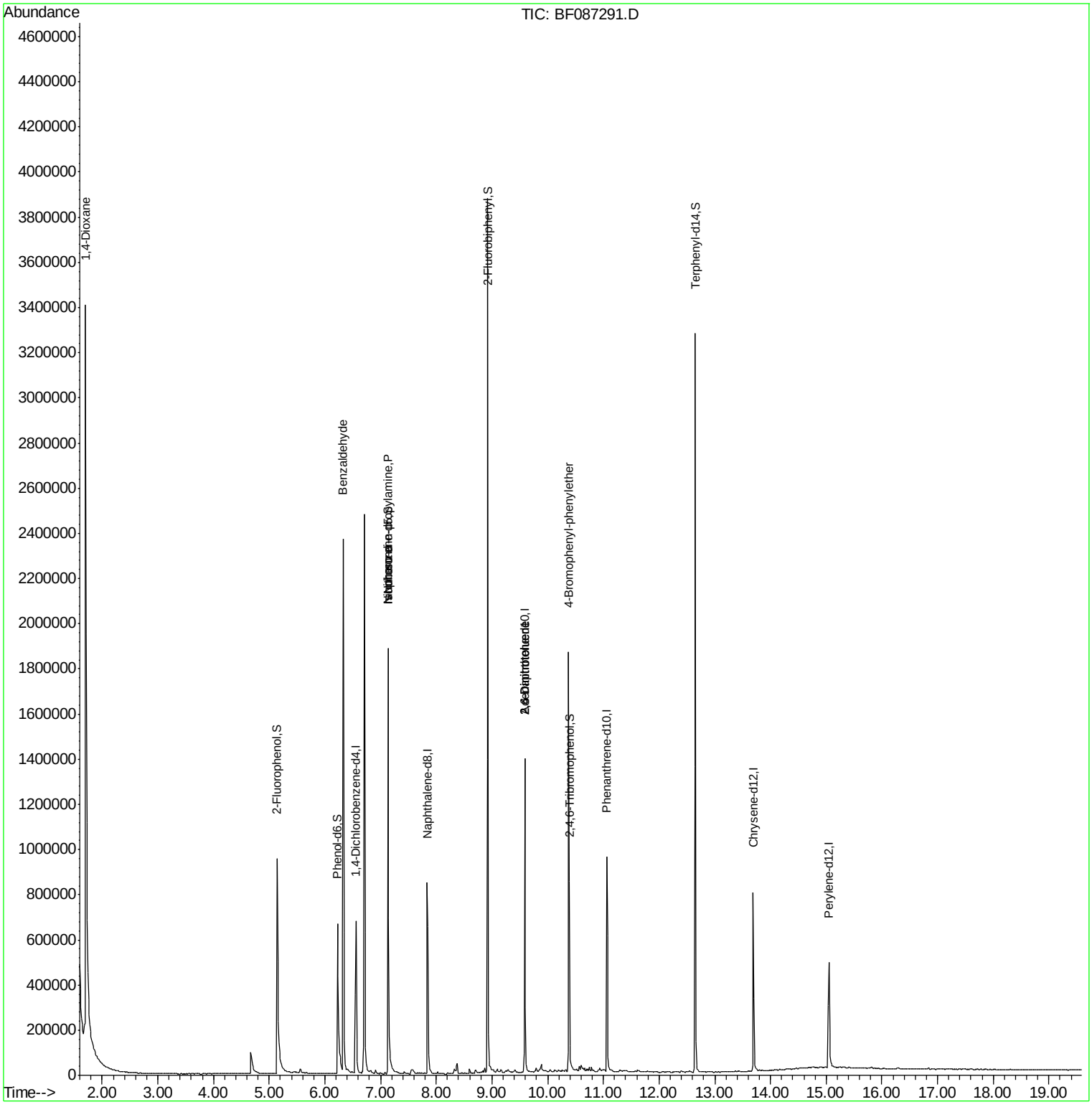
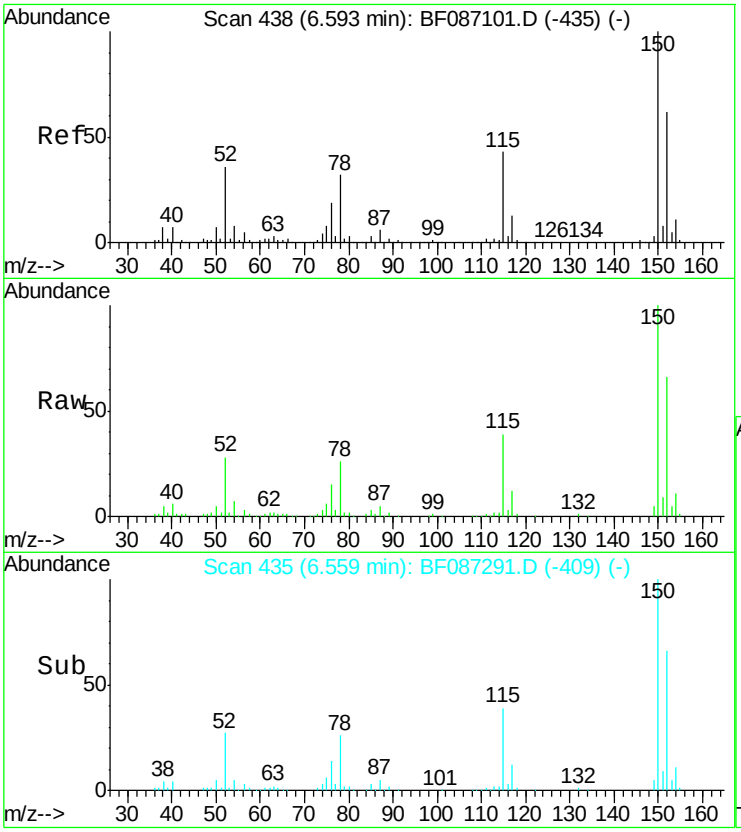


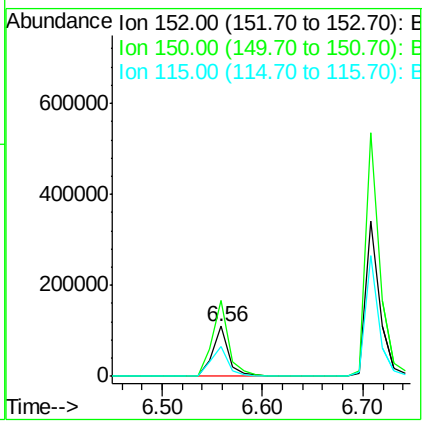


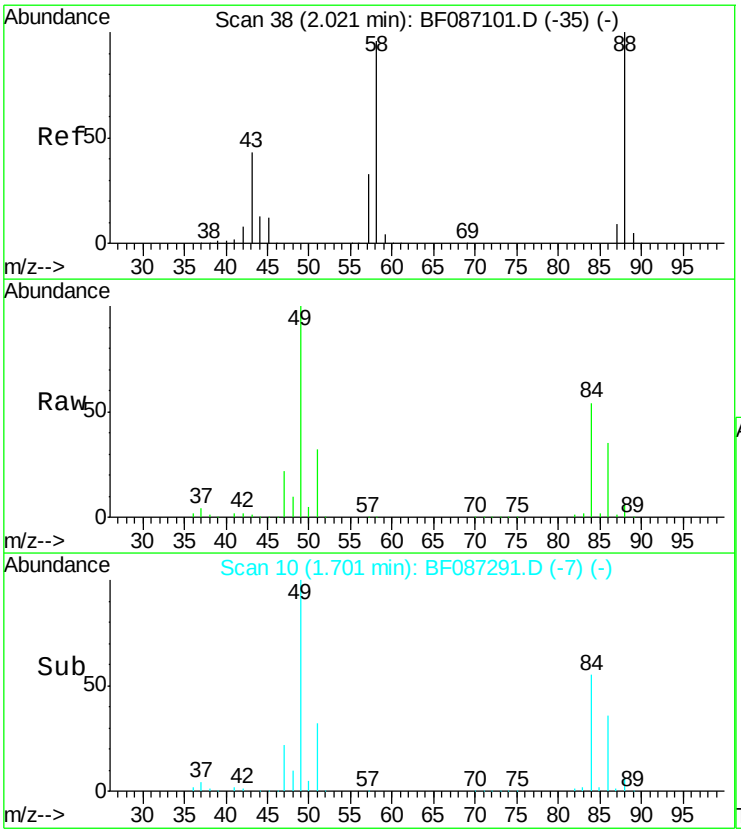
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:152 Resp: 123452

Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.8	188.6
115	60.1	51.5	77.3

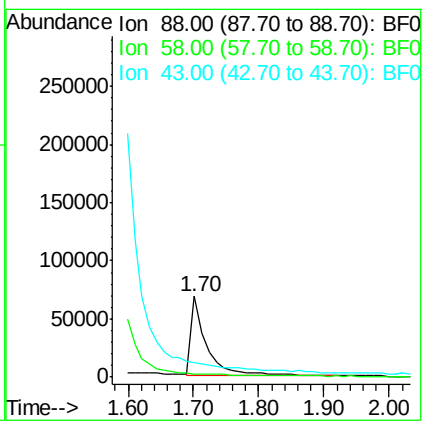


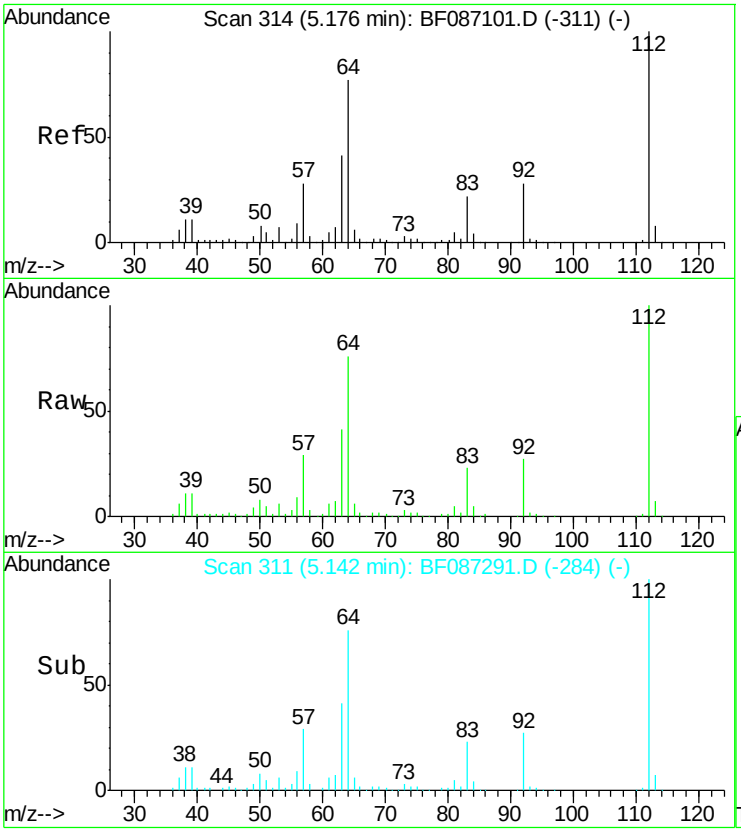


#2
1,4-Dioxane
Concen: 30.43 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion: 88 Resp: 114966

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



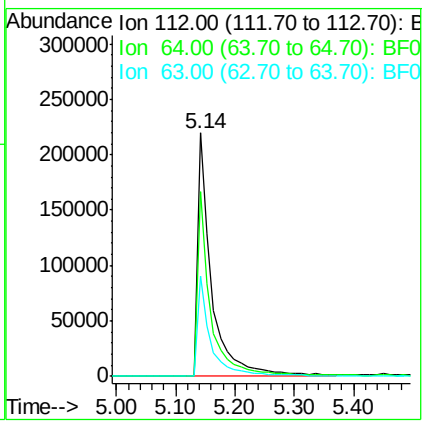


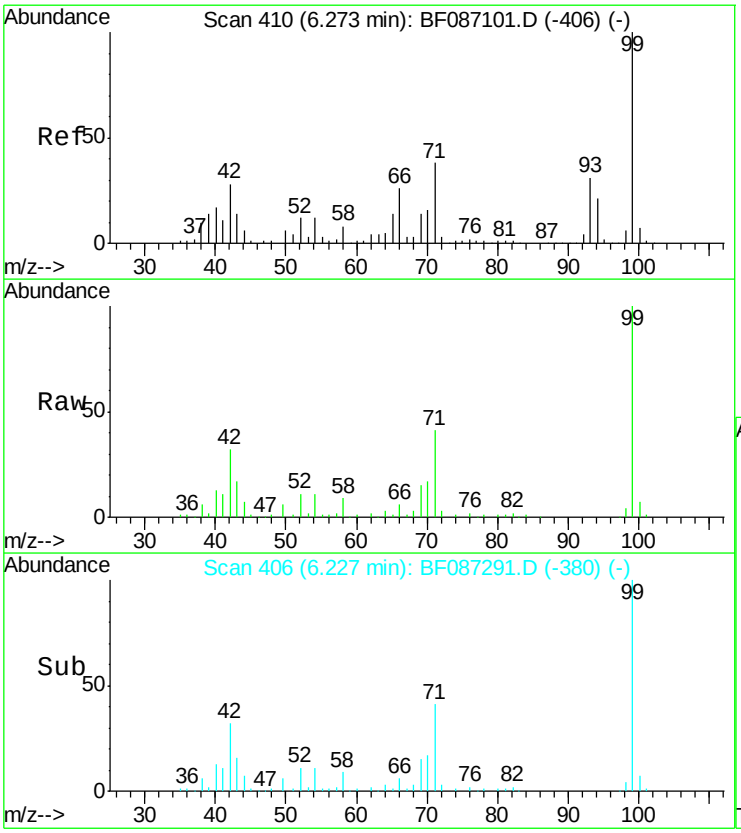
#5
2-Fluorophenol
Concen: 50.89 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:112 Resp: 373797

Ion	Ratio	Lower	Upper
112	100		
64	75.6	52.1	78.1
63	41.3	25.7	38.5#

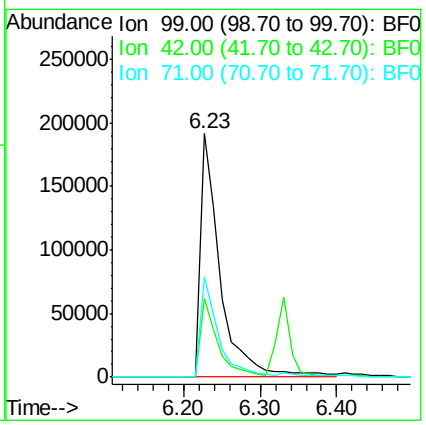


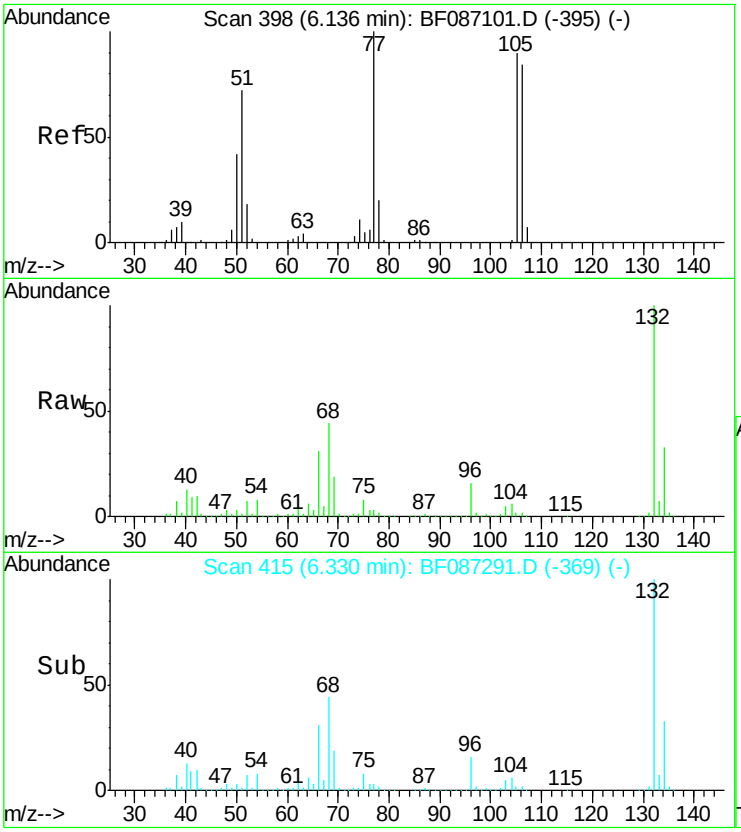


#7
Phenol-d6
Concen: 34.48 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion: 99 Resp: 339618

Ion	Ratio	Lower	Upper
99	100		
42	32.4	13.6	20.4#
71	41.1	24.6	36.8#



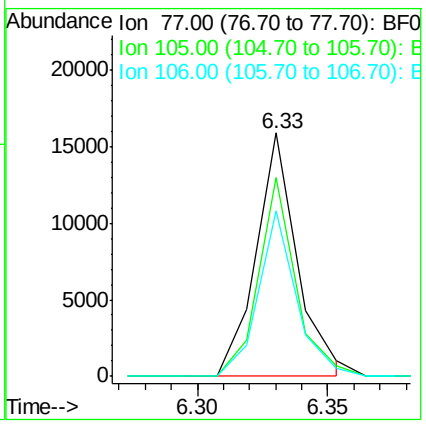


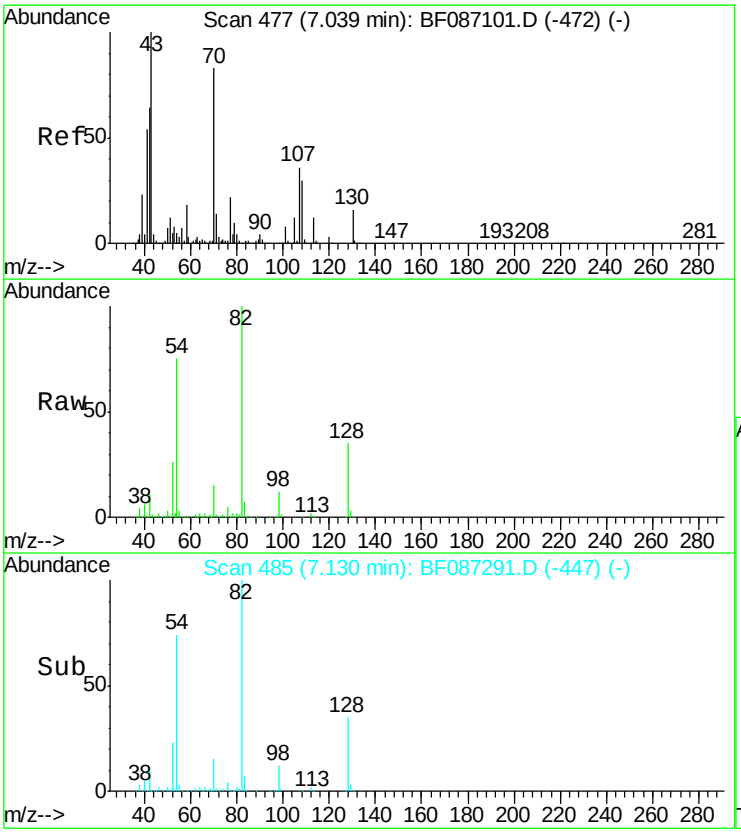
#9
Benzaldehyde
Concen: 2.38 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion: 77 Resp: 17552

Ion	Ratio	Lower	Upper
77	100		
105	81.9	72.7	112.7
106	68.2	70.8	110.8#

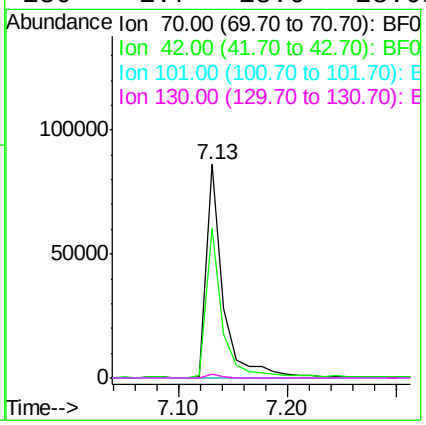


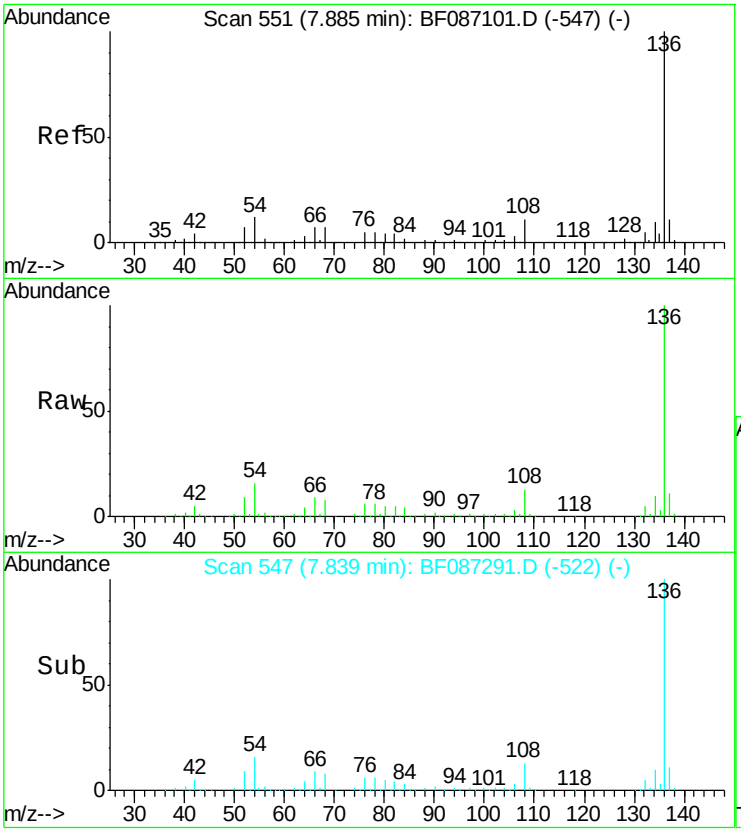


#19
n-Nitroso-di-n-propylamine
Concen: 12.71 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion: 70 Resp: 95207

Ion	Ratio	Lower	Upper
70	100		
42	70.2	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



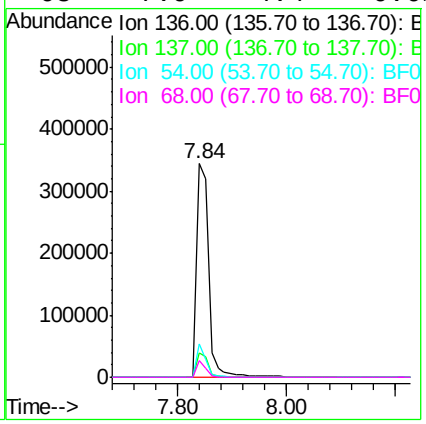


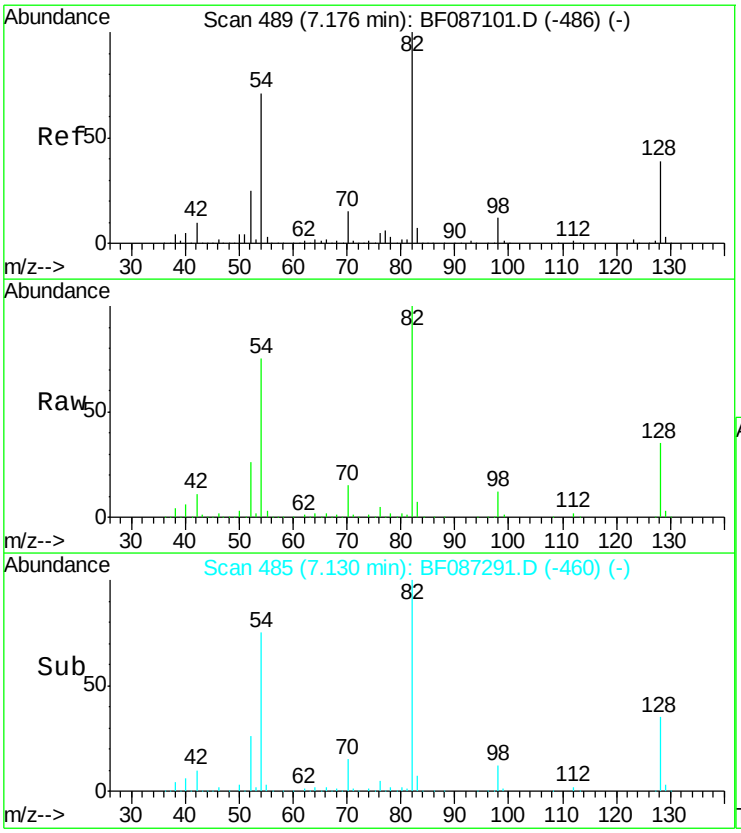
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:136 Resp: 518910

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	15.9	5.0	7.4#
68	7.9	4.4	6.6#

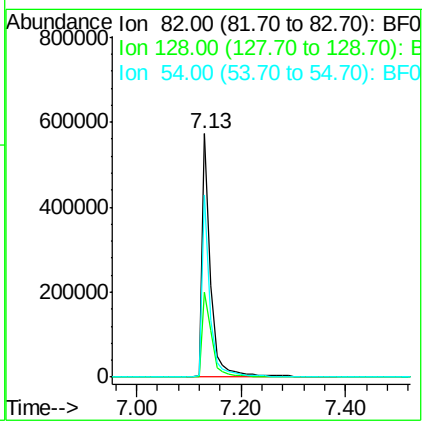


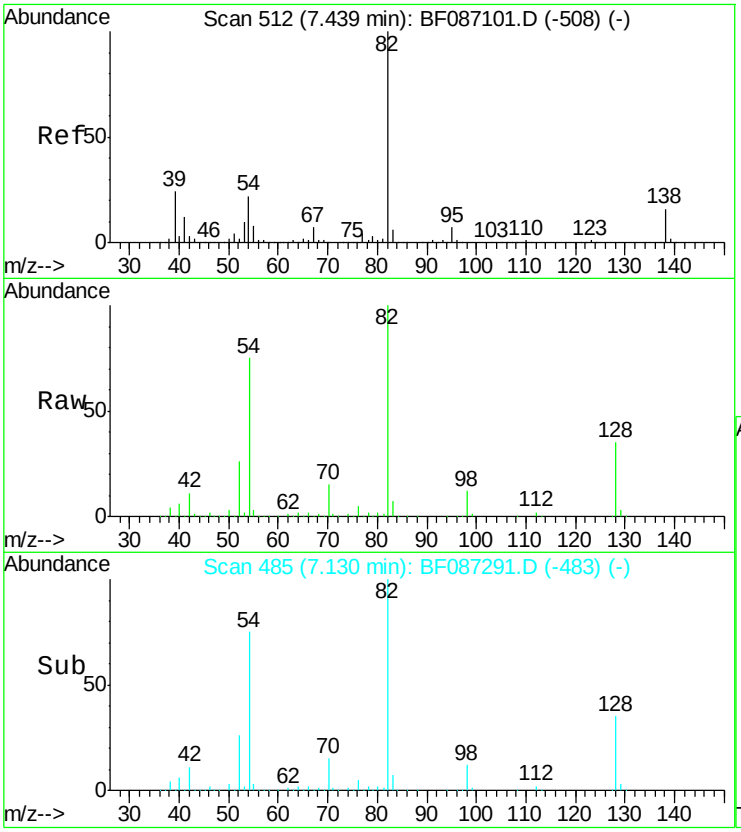


#23
Nitrobenzene-d5
Concen: 62.88 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion: 82 Resp: 654746

Ion	Ratio	Lower	Upper
82	100		
128	35.0	40.6	61.0#
54	74.6	38.1	57.1#



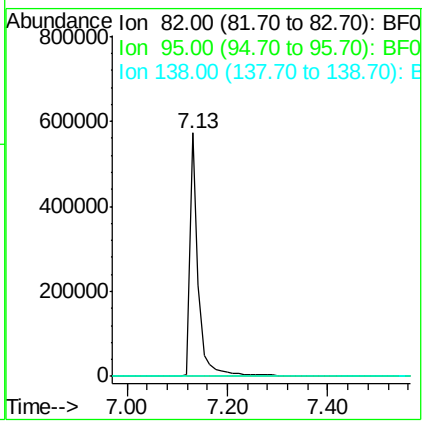


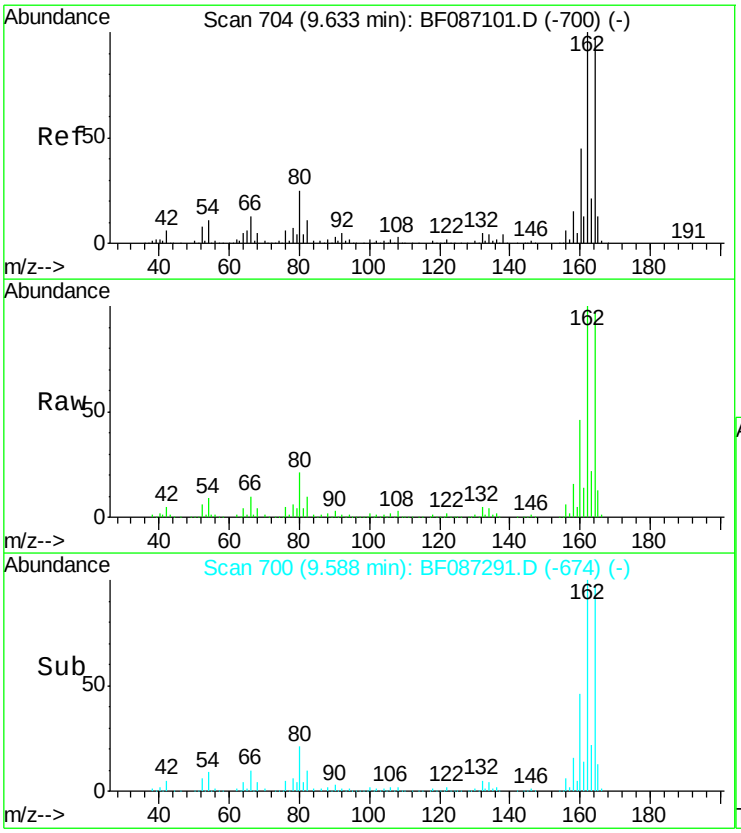
#25
Isophorone
Concen: 33.73 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.27 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion: 82 Resp: 642876

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

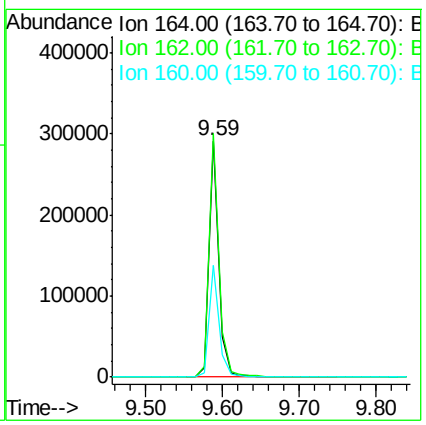


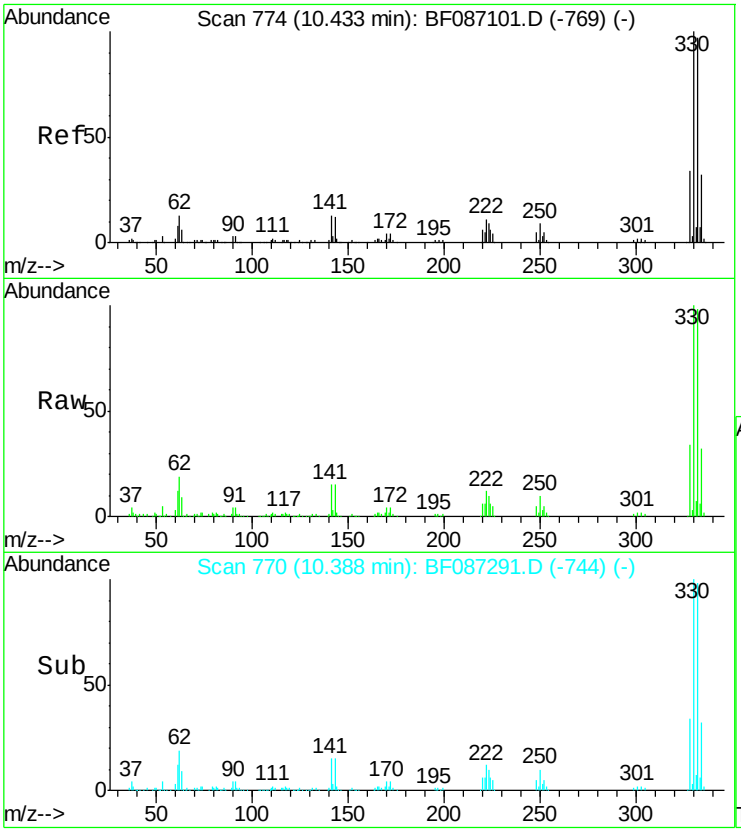


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion:164 Resp: 253038

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	47.3	36.9	55.3



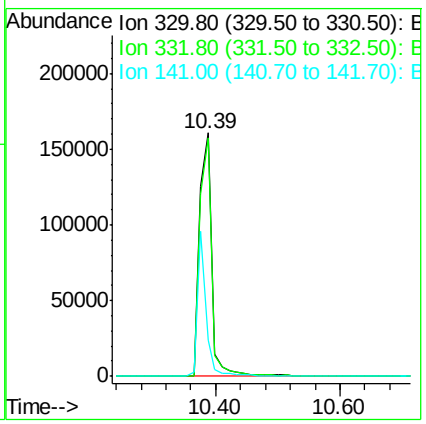


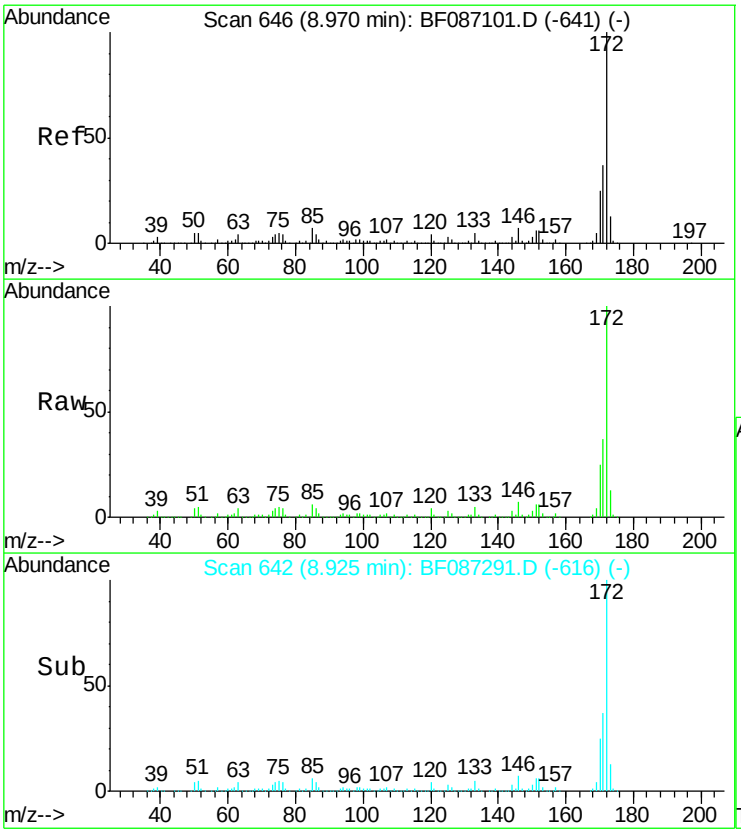
#41
2,4,6-Tribromophenol
Concen: 79.59 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:330 Resp: 222546

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	42.3	31.2	46.8

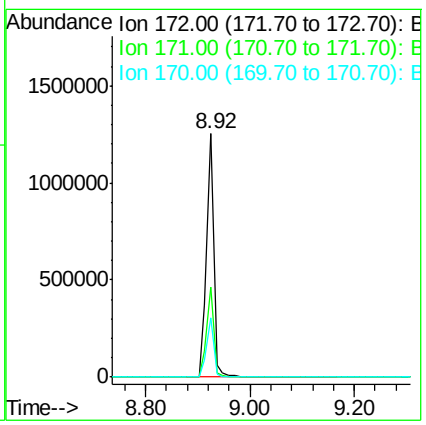


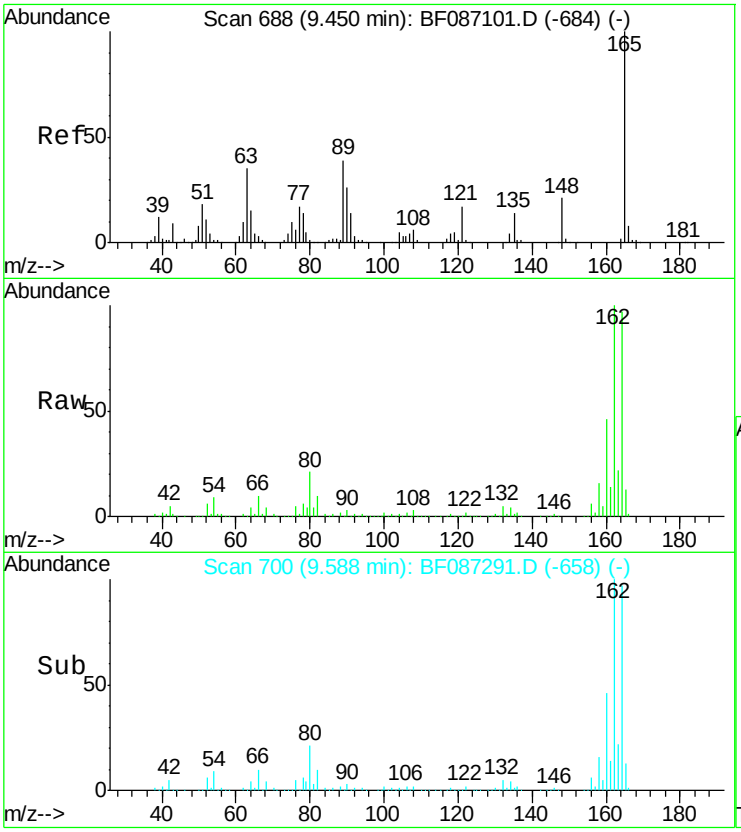


#44
2-Fluorobiphenyl
Concen: 78.67 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion:172 Resp: 1201918

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.6	19.8	29.8



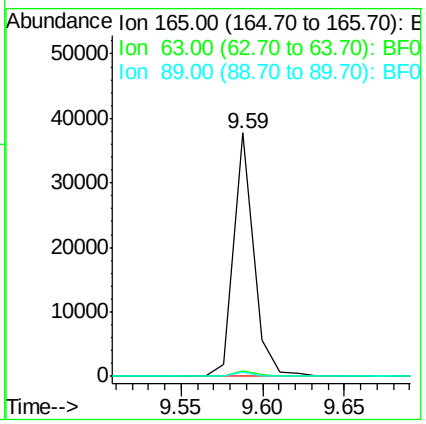


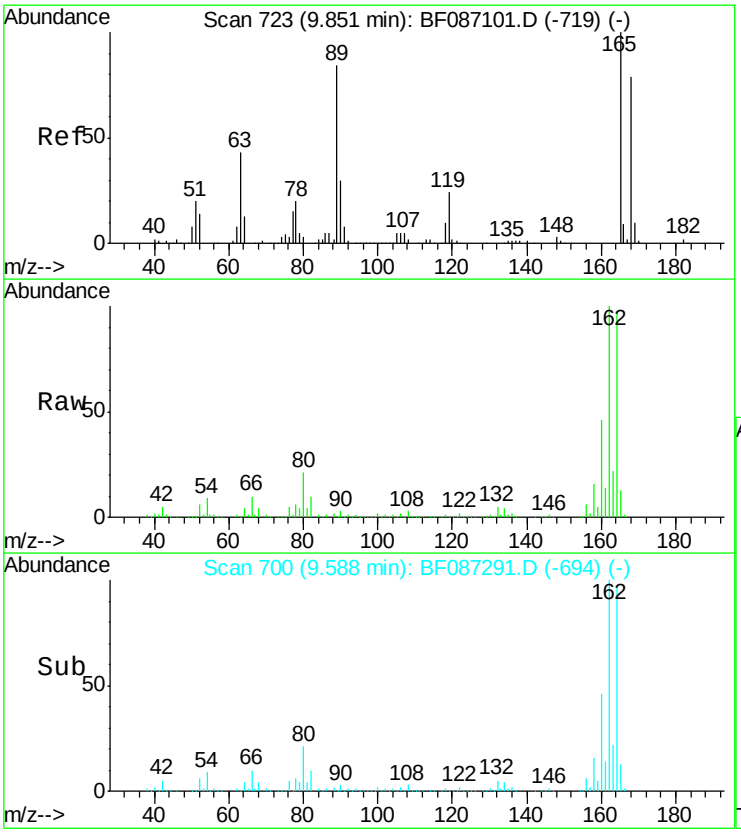
#50
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.18 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:165 Resp: 31748

Ion	Ratio	Lower	Upper
165	100		
63	2.1	51.8	77.8#
89	1.6	50.7	76.1#

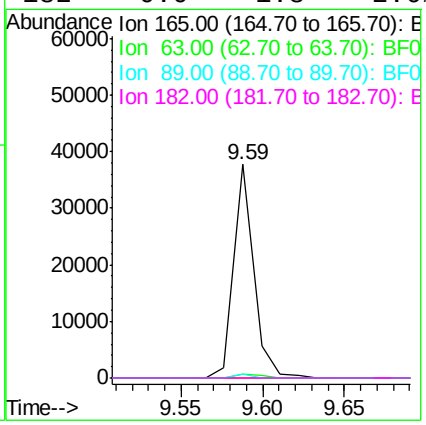


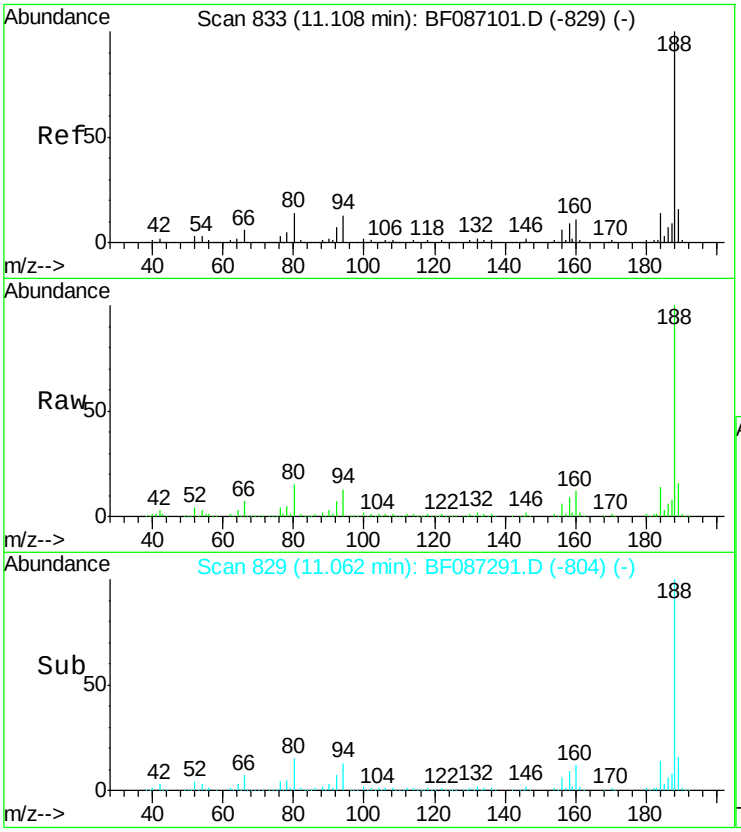


#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.23 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion:165 Resp: 31748

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	1.6	70.0	105.0#
182	0.0	1.8	2.6#



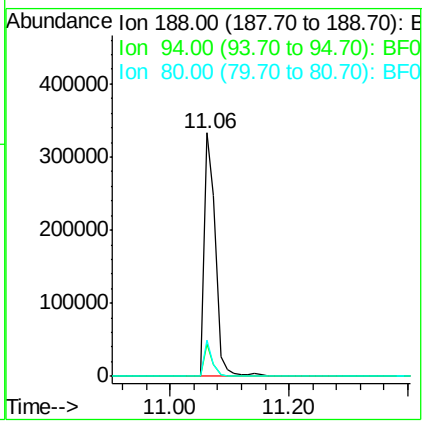


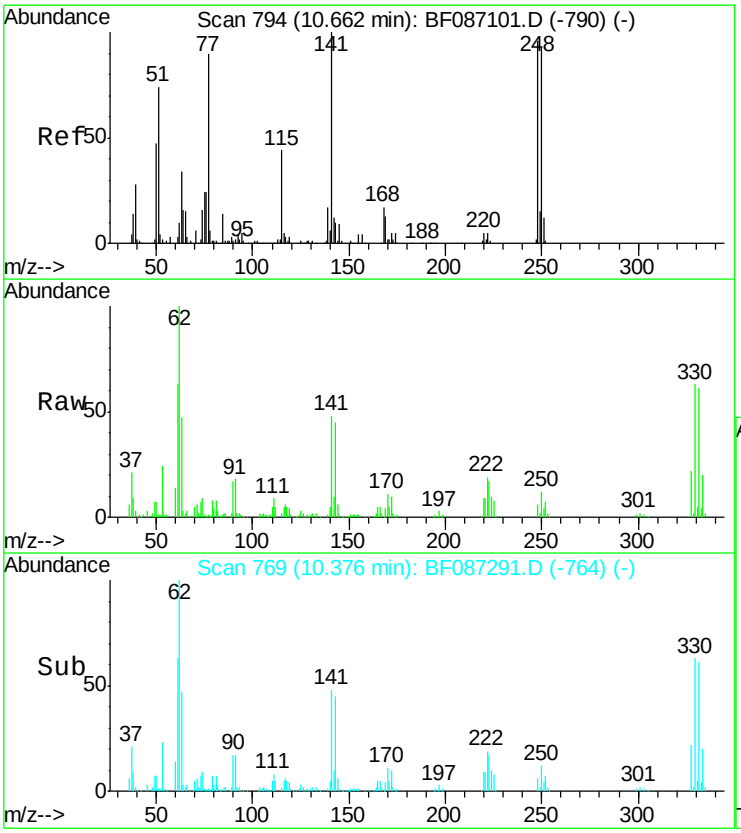
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:188 Resp: 437767

Ion	Ratio	Lower	Upper
188	100		
94	13.3	6.8	10.2#
80	15.0	7.1	10.7#

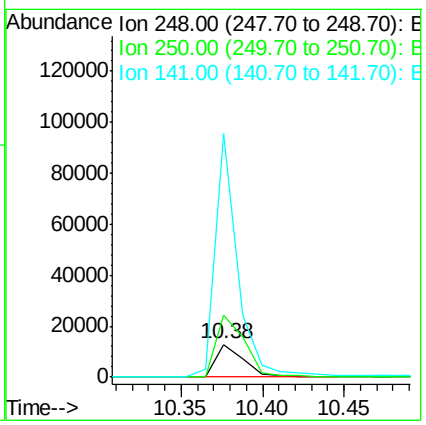


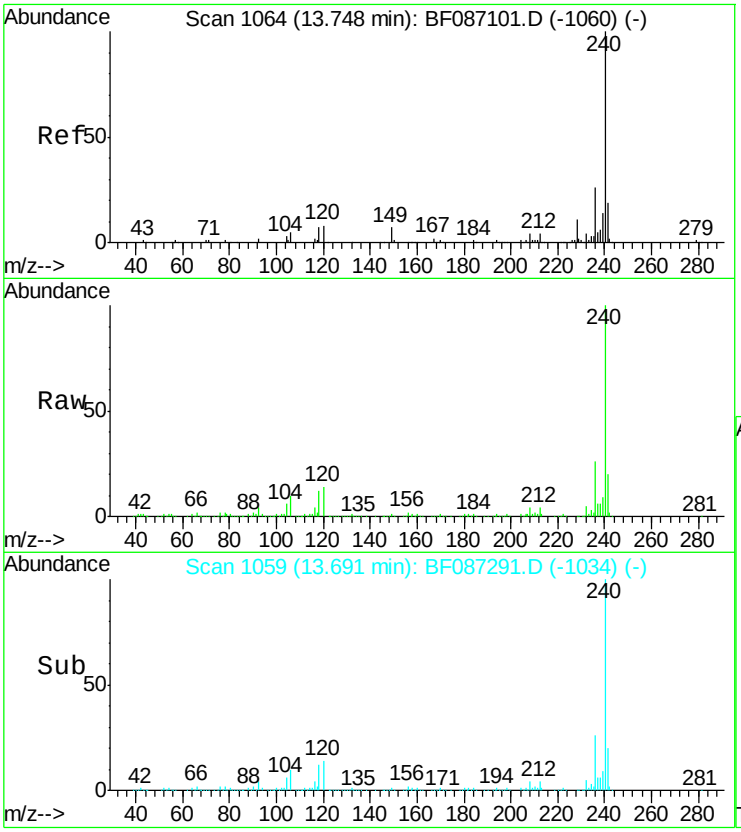


#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.24 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion:248 Resp: 15014

Ion	Ratio	Lower	Upper
248	100		
250	189.7	78.6	117.8#
141	751.4	76.0	114.0#



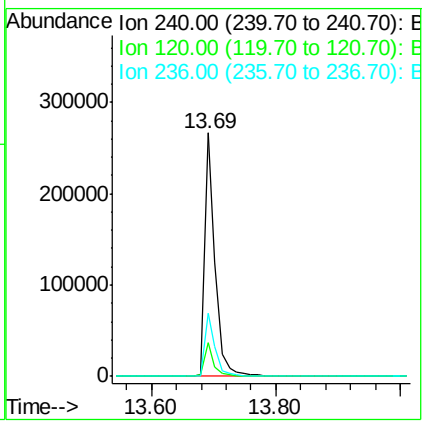


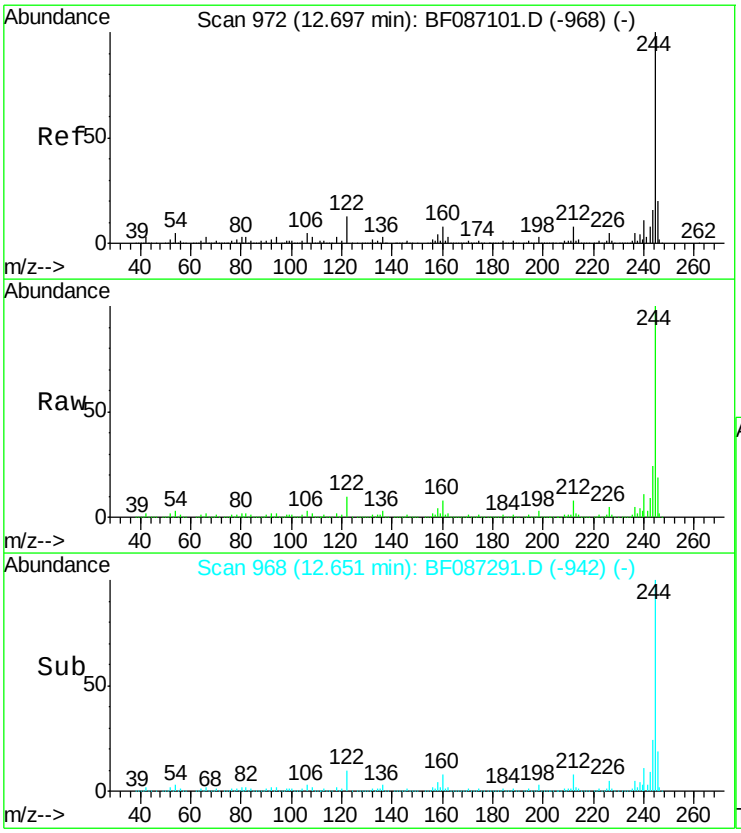
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:240 Resp: 304691

Ion	Ratio	Lower	Upper
240	100		
120	13.6	11.2	16.8
236	26.2	21.2	31.8

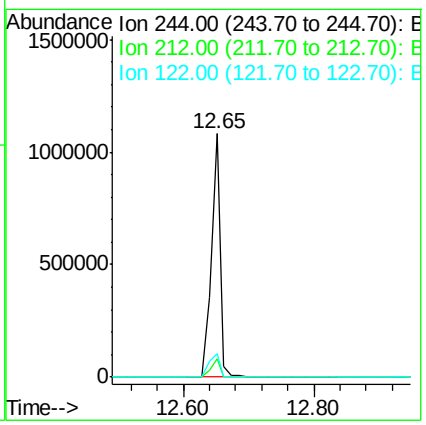


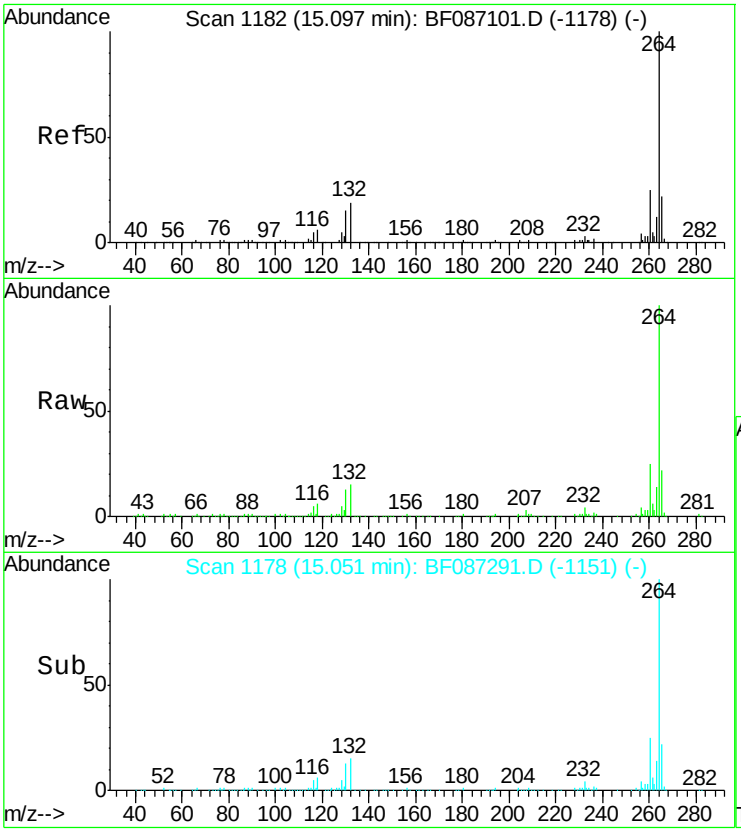


#78
Terphenyl-d14
Concen: 77.01 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion:244 Resp: 1037344

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	9.8	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:264 Resp: 240745

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.8	17.3	25.9