Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087894.D
Acq On : 11 Jun 2016 1:29
Operator : UM/SJ
Sample : H3440-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-09

Quant Time: Jun 11 03:44:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	103241	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	359579	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	165455	20.00	ng		-0.03
63) Phenanthrene-d10	11.33	188	247540	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	216831	20.00	ng		-0.03
86) Perylene-d12	15.36	264	158740	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	386227	63.95	ng		-0.02
7) Phenol-d6	6.44	99	315814	43.15	ng		-0.03
23) Nitrobenzene-d5	7.38	82	643837	104.56	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	190766	109.19	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	892791	84.75	ng		-0.03
78) Terphenyl-d14	12.91	244	757005	79.44	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.46	94	1557	Below Cal		#	54
19) n-Nitroso-di-n-propylamine	7.38	70	88293	18.86	ng	#	71
45) 1,1'-Biphenyl	9.18	154	1845	Below Cal		#	1
49) Dimethylphthalate	9.56	163	44675	3.73	ng		99
56) 2,4-Dinitrotoluene	9.85	165	21468	6.09	ng	#	39
57) Fluorene	10.39	166	574	Below Cal		#	82
64) 4,6-Dinitro-2-methylphenol	10.64	198	306	2.35	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	12304	4.63	ng	#	1

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

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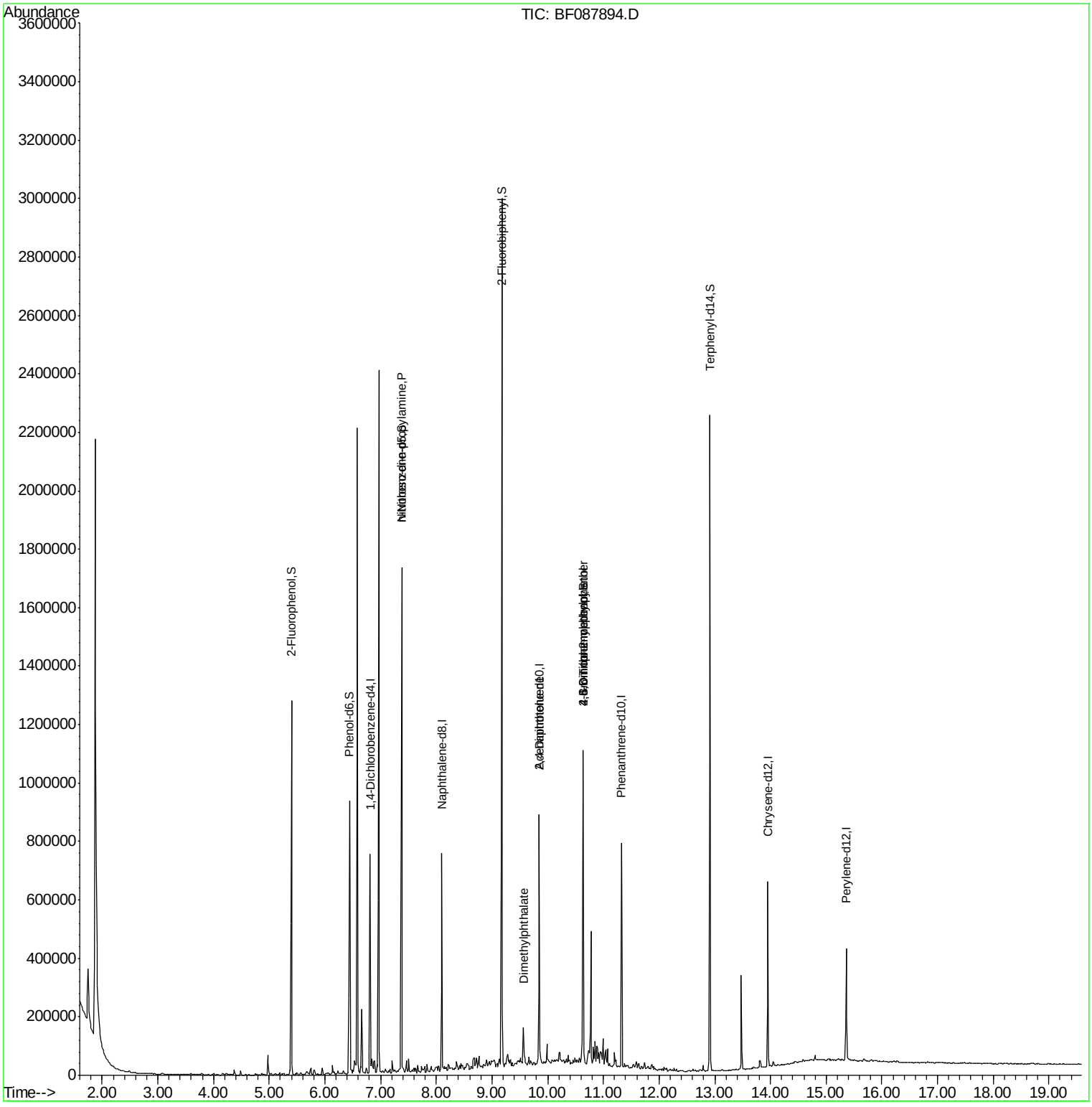
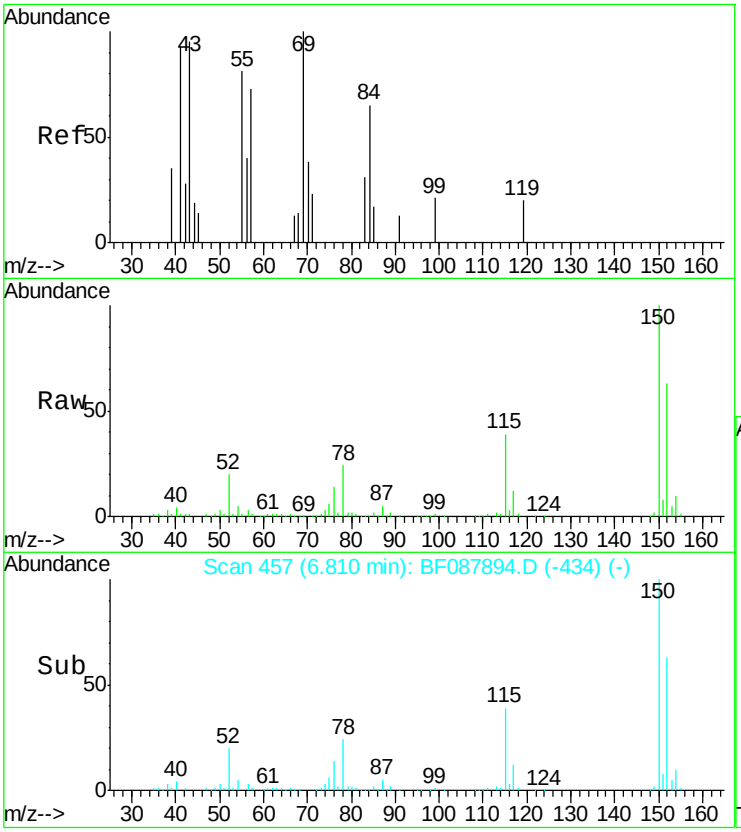


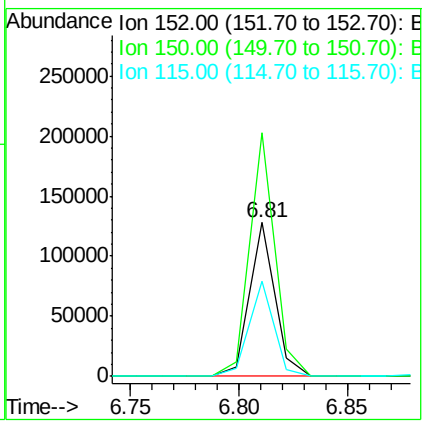


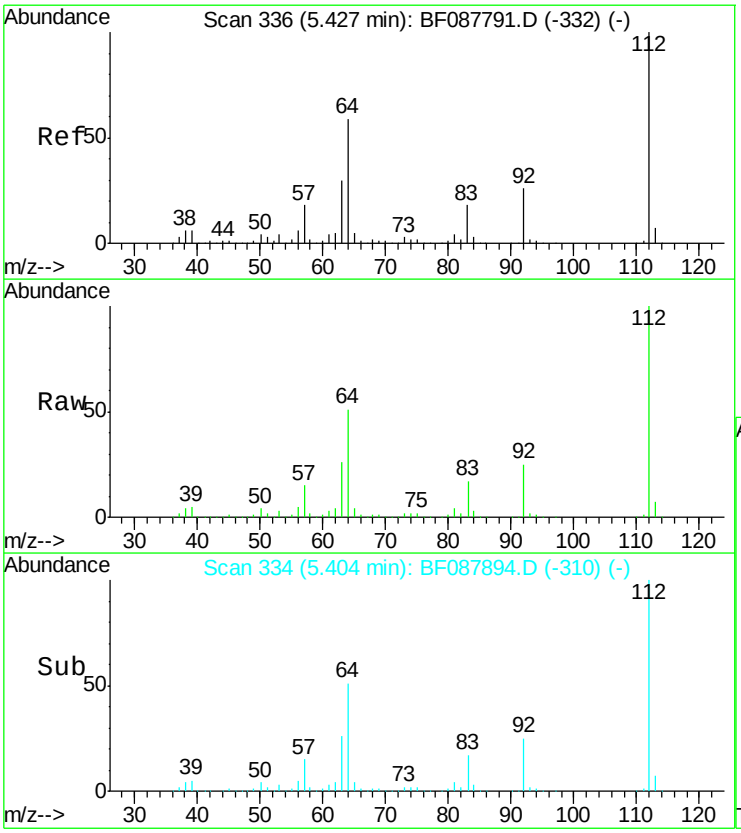
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion:152 Resp: 103241

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.8	185.6
115	61.9	39.6	59.4#

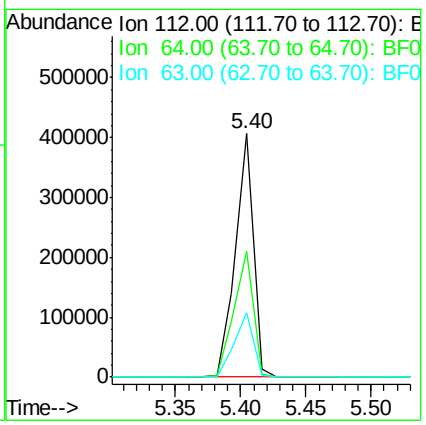


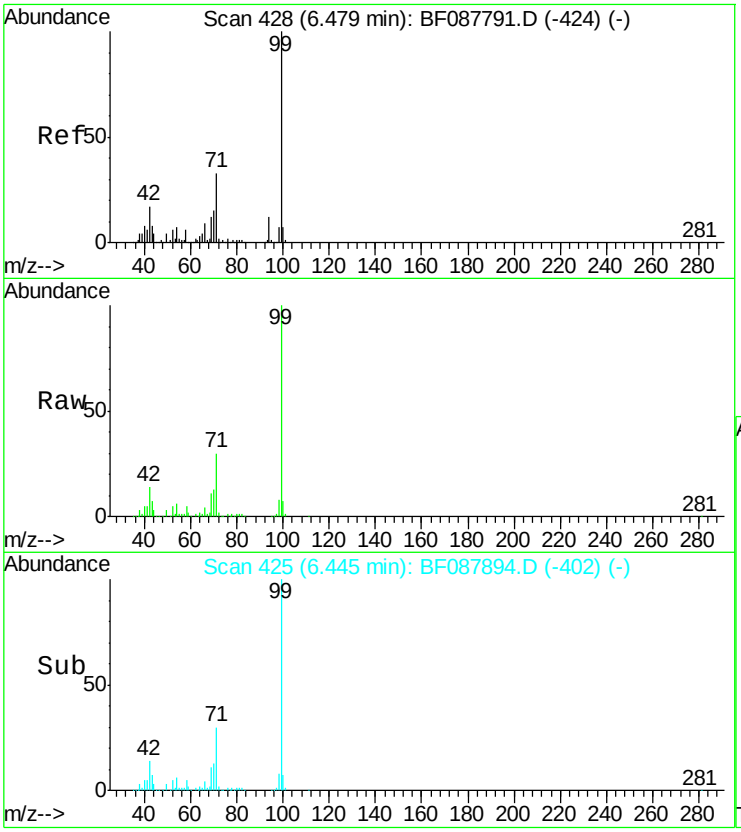


#5
2-Fluorophenol
Concen: 63.95 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Tgt Ion:112 Resp: 386227

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.2	63.2
63	26.5	21.8	32.8



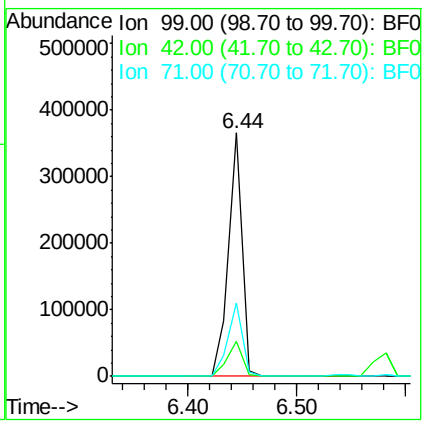


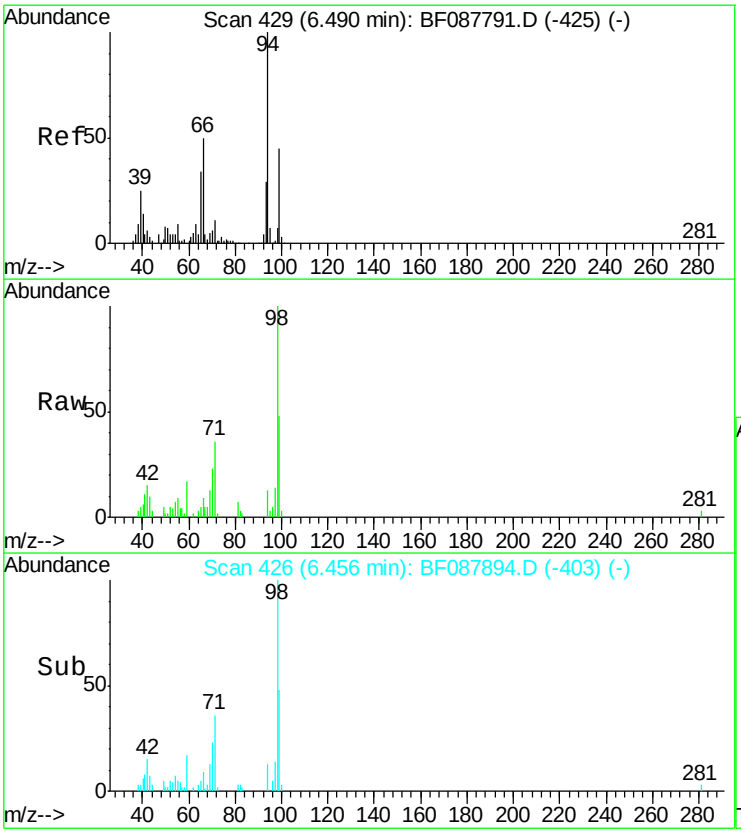
#7
Phenol-d6
Concen: 43.15 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion: 99 Resp: 315814

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.2	18.2
71	30.3	23.4	35.0

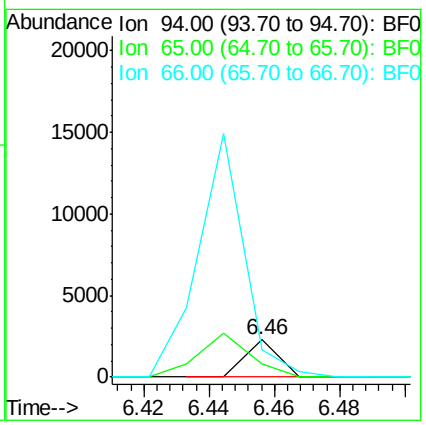


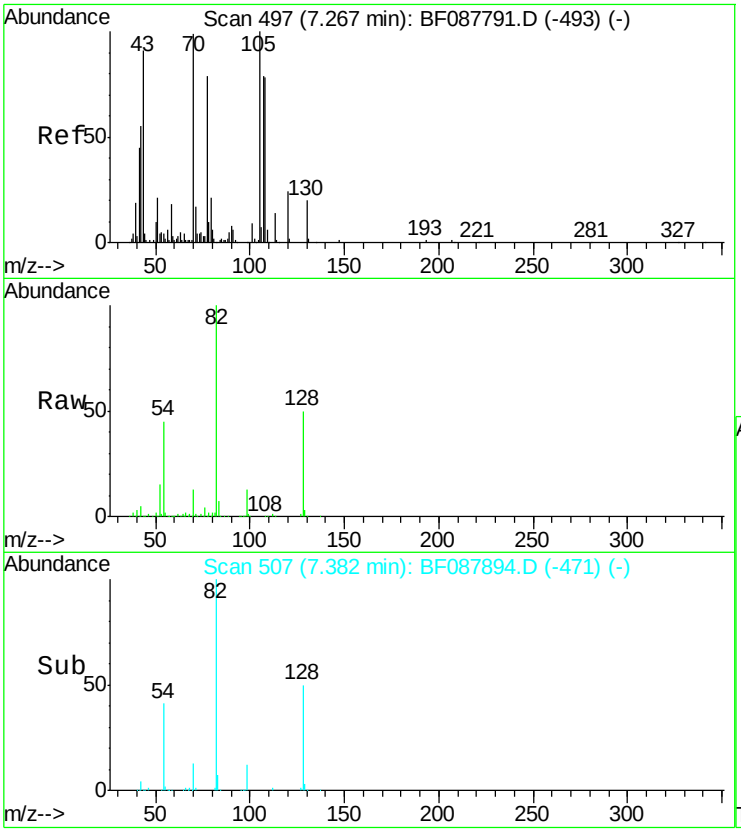


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Tgt Ion: 94 Resp: 1557

Ion	Ratio	Lower	Upper
94	100		
65	35.4	5.9	45.9
66	72.4	14.0	54.0#



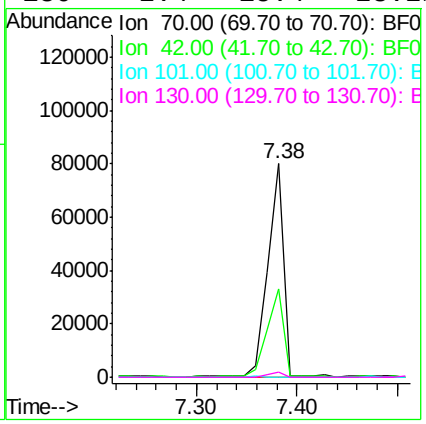


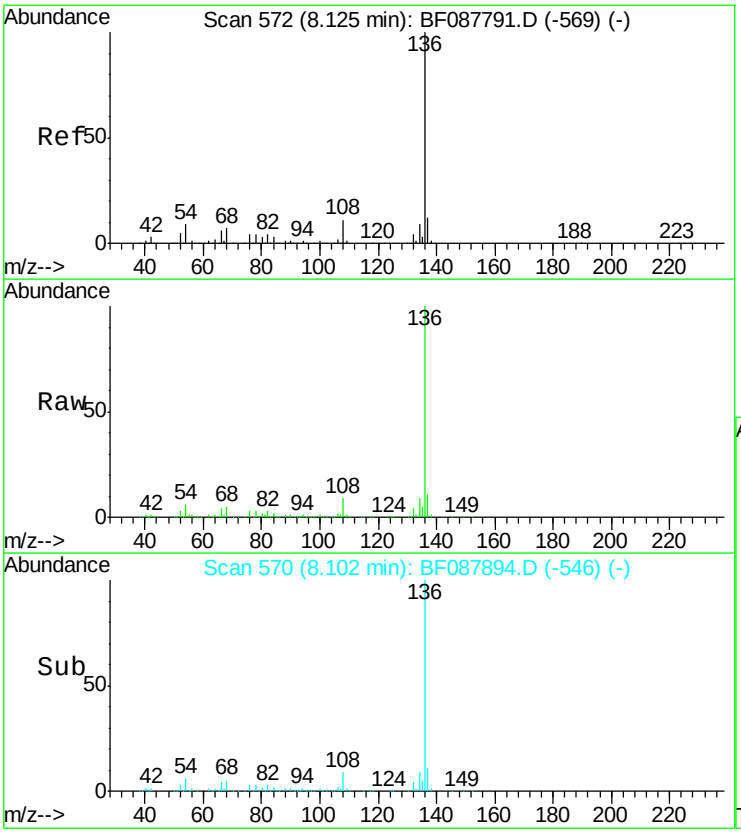
#19
n-Nitroso-di-n-propylamine
Concen: 18.86 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion: 70 Resp: 88293

Ion	Ratio	Lower	Upper
70	100		
42	41.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#

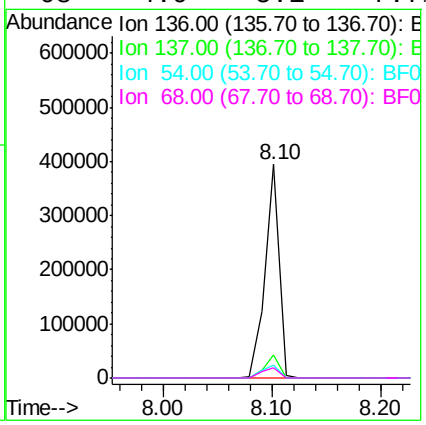


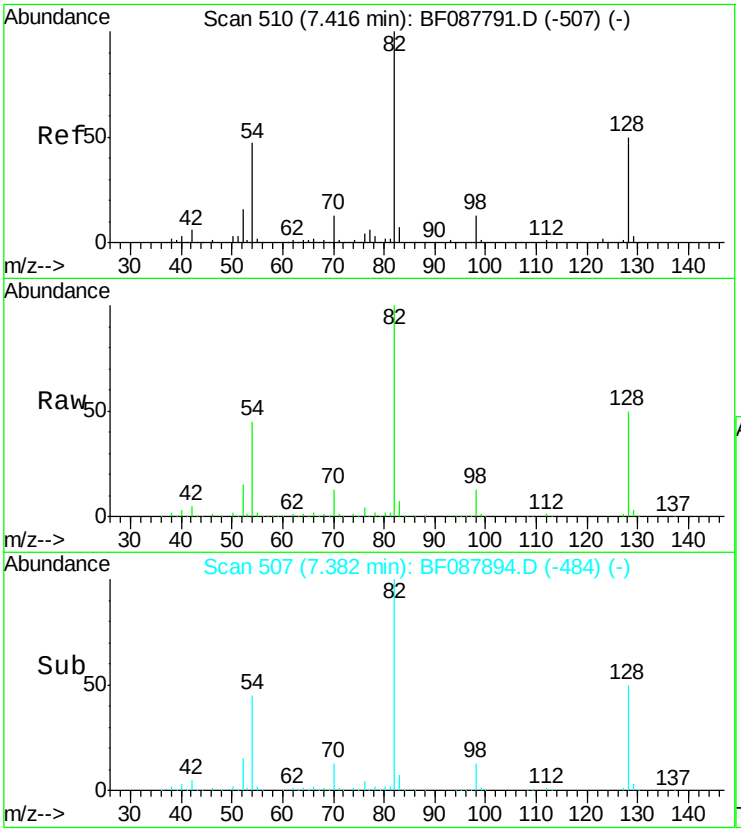


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Tgt Ion:136 Resp: 359579

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	6.6	10.0#
68	4.9	5.1	7.7#



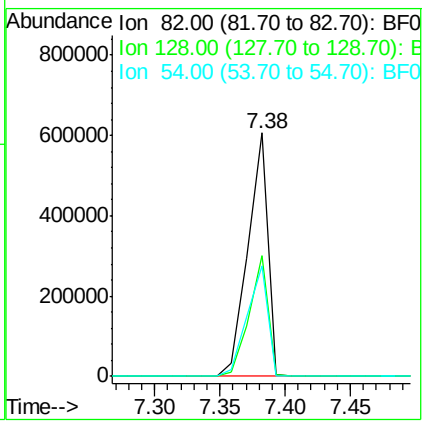


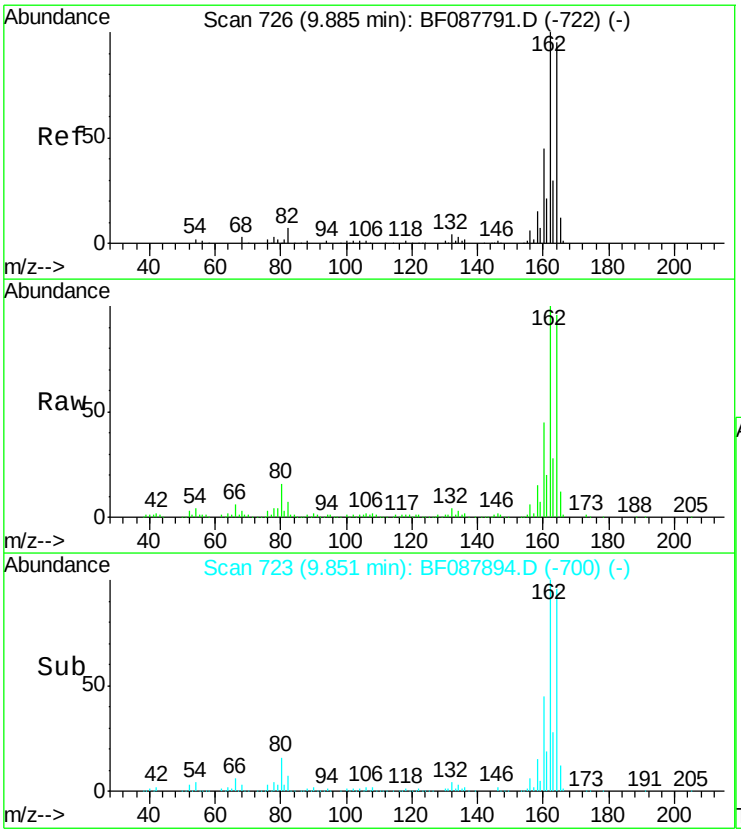
#23
Nitrobenzene-d5
Concen: 104.56 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion: 82 Resp: 643837

Ion	Ratio	Lower	Upper
82	100		
128	49.7	35.9	53.9
54	45.4	40.9	61.3

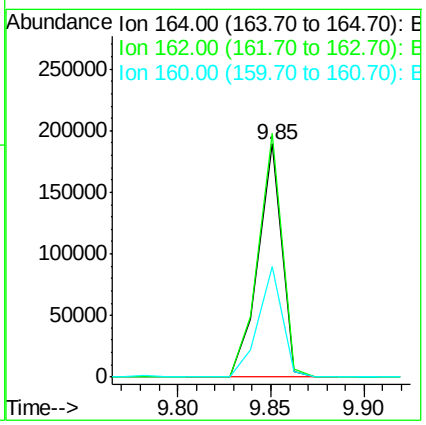


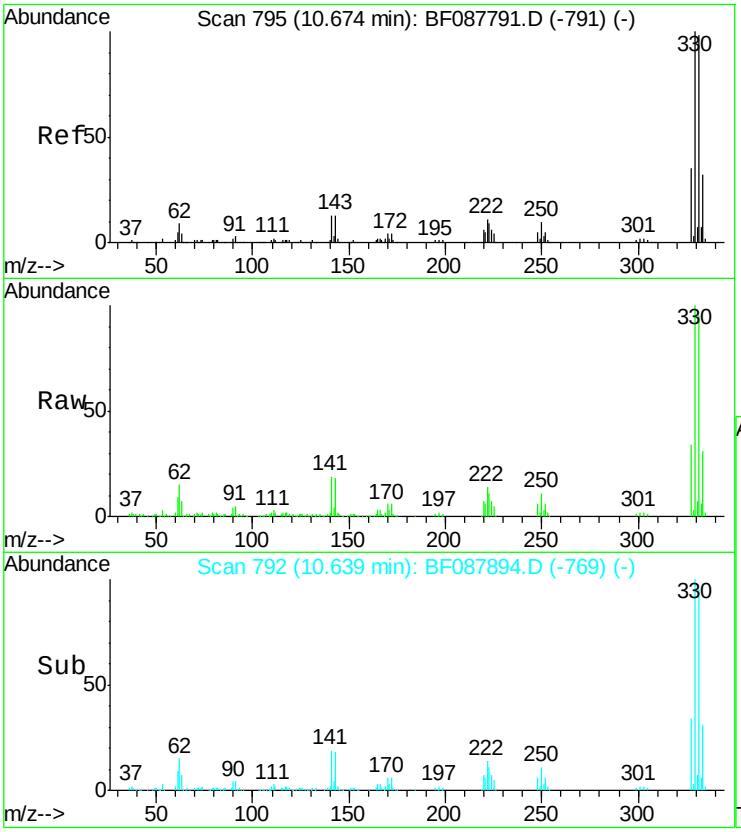


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Tgt Ion:164 Resp: 165455

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	47.3	39.5	59.3



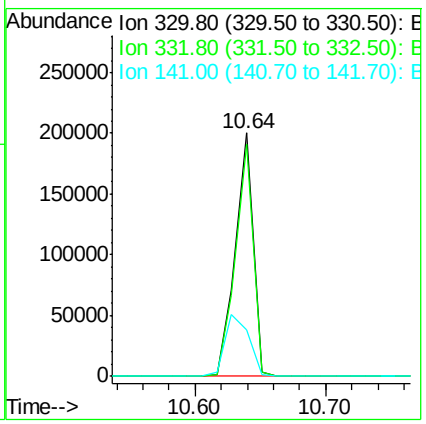


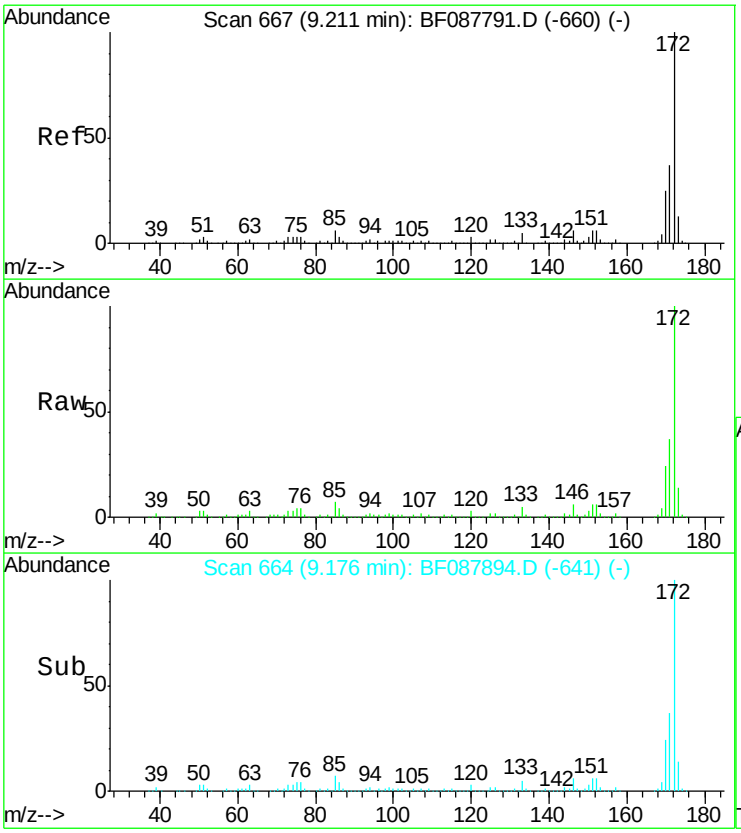
#41
2,4,6-Tribromophenol
Concen: 109.19 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion:330 Resp: 190766

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	35.2	0.0	0.0#

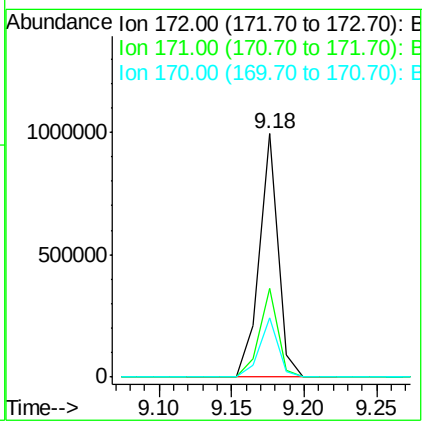


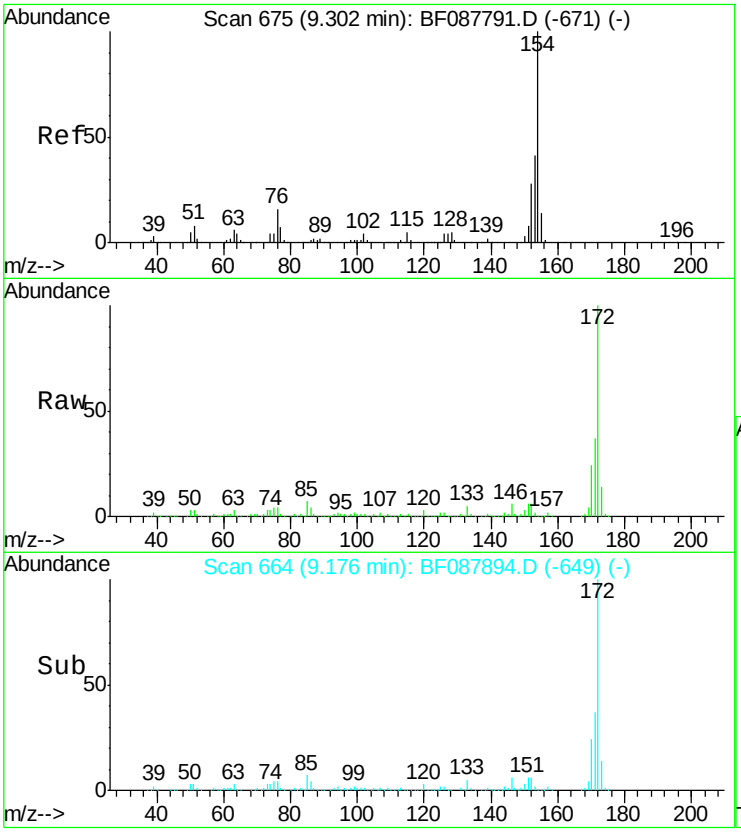


#44
2-Fluorobiphenyl
Concen: 84.75 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Tgt Ion:172 Resp: 892791

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.5	19.2	28.8



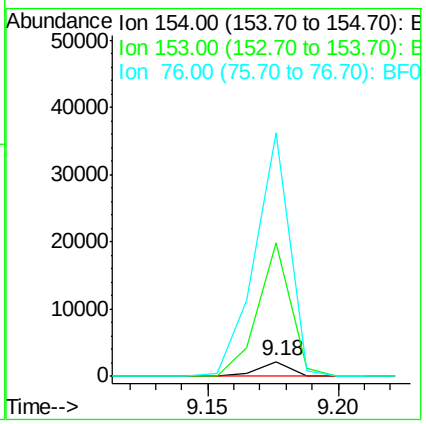


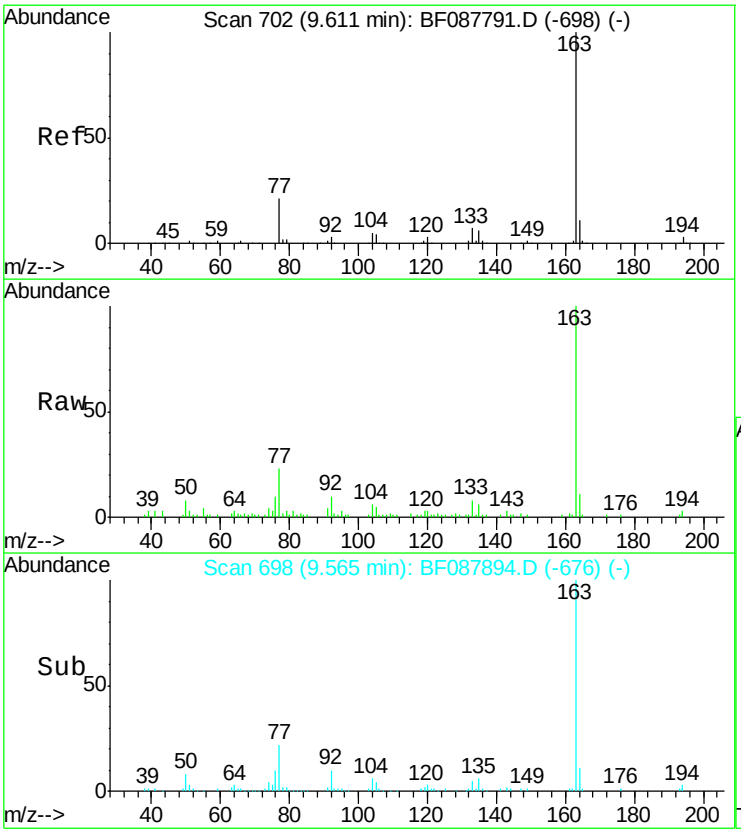
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.18 min Scan# 664
Delta R.T. -0.12 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion:154 Resp: 1845

Ion	Ratio	Lower	Upper
154	100		
153	908.0	20.6	60.6#
76	1656.4	0.0	35.1#

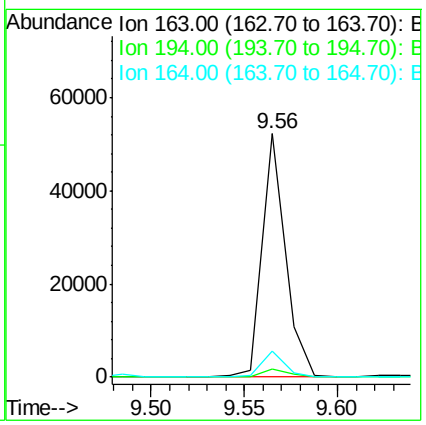


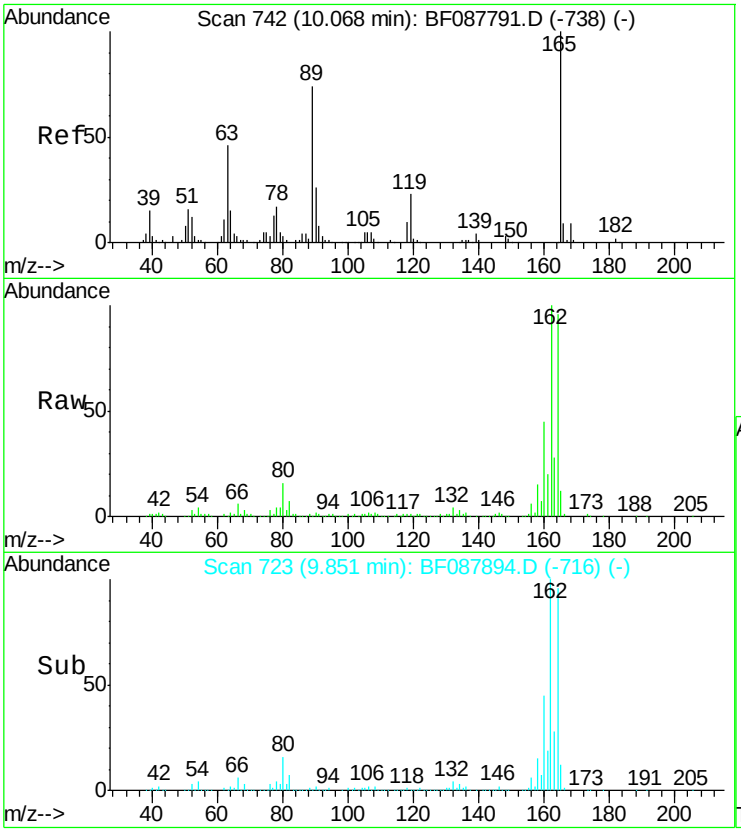


#49
Dimethylphthalate
Concen: 3.73 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Tgt Ion:163 Resp: 44675

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.9	8.3	12.5



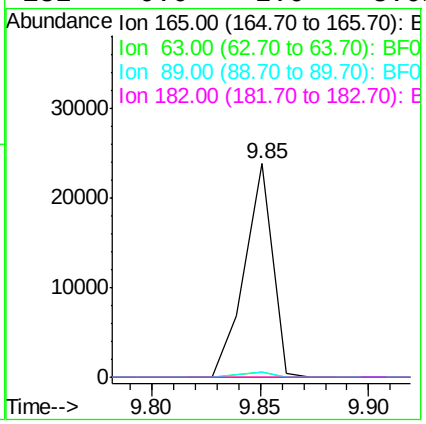


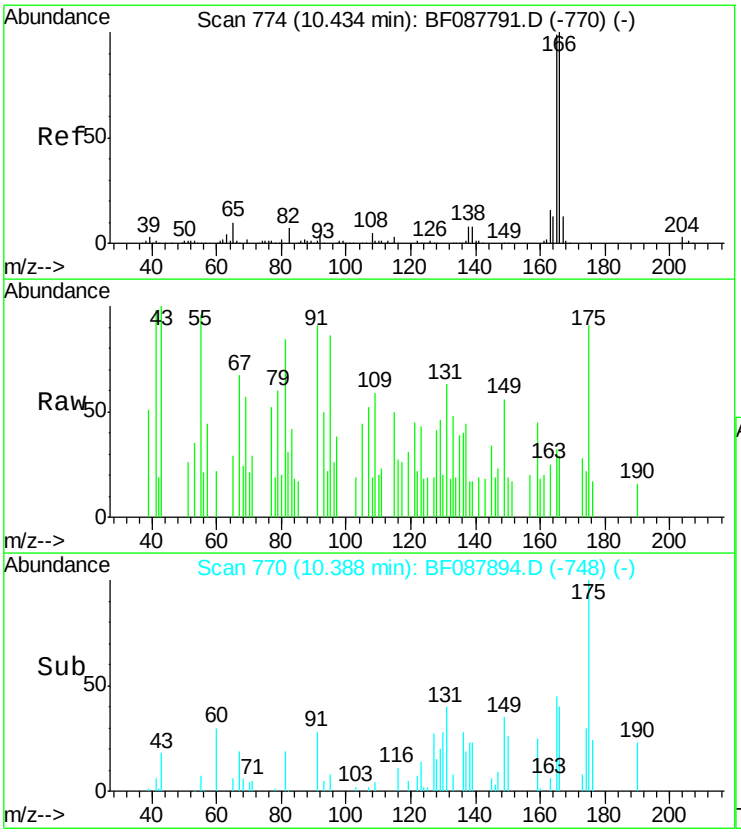
#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion:165 Resp: 21468

Ion	Ratio	Lower	Upper
165	100		
63	2.6	22.0	33.0#
89	2.3	41.1	61.7#
182	0.0	2.0	3.0#

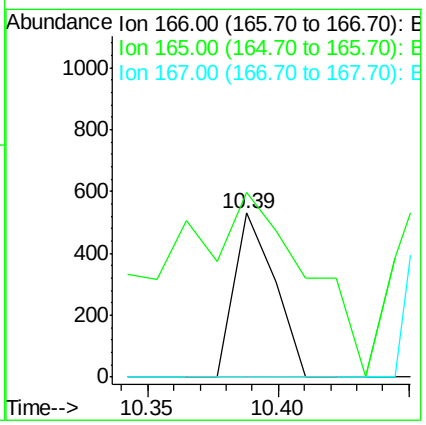


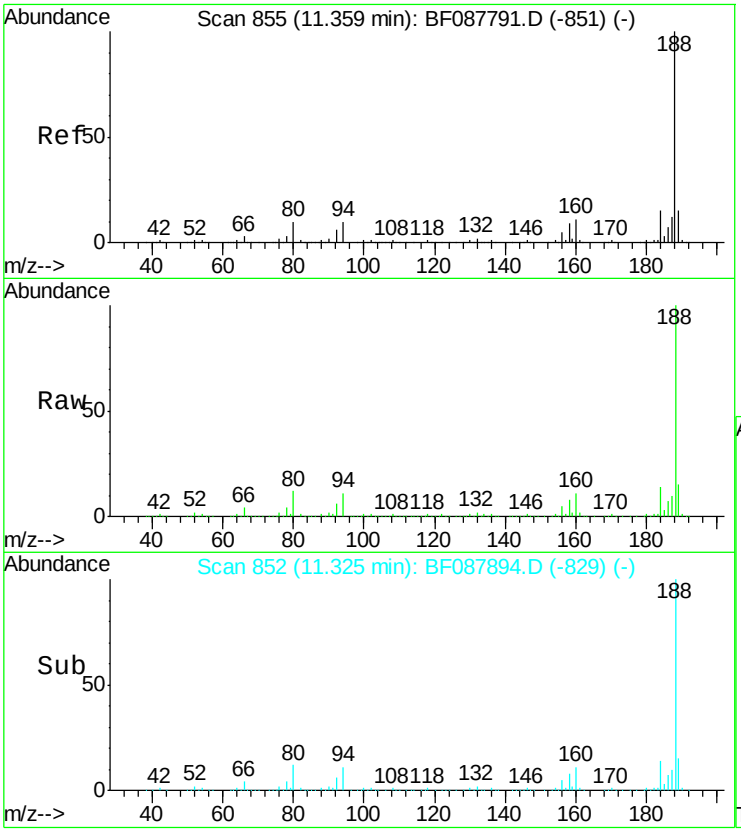


#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Tgt Ion:166 Resp: 574

Ion	Ratio	Lower	Upper
166	100		
165	112.7	77.8	116.8
167	0.0	11.2	16.8#



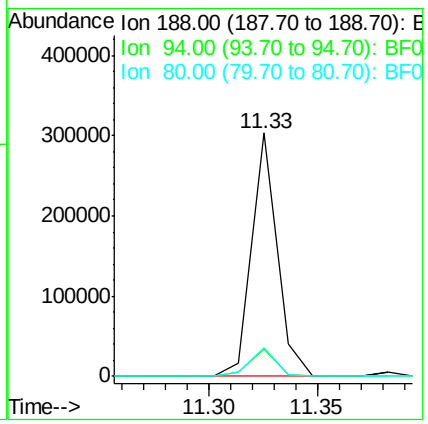


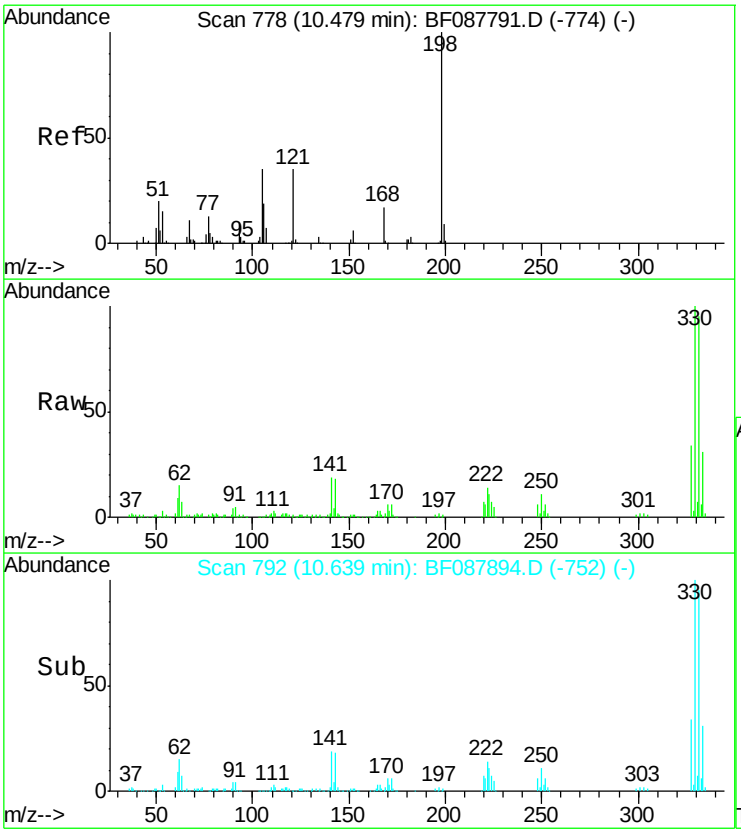
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion:188 Resp: 247540

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.6
80	11.8	10.0	15.0

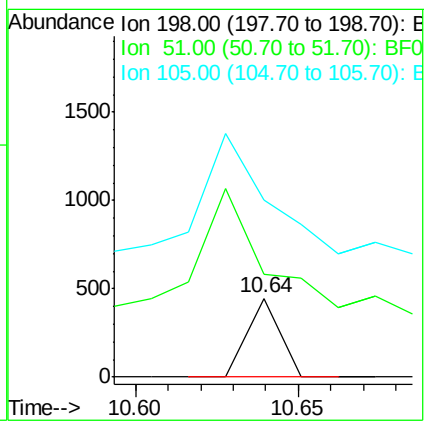


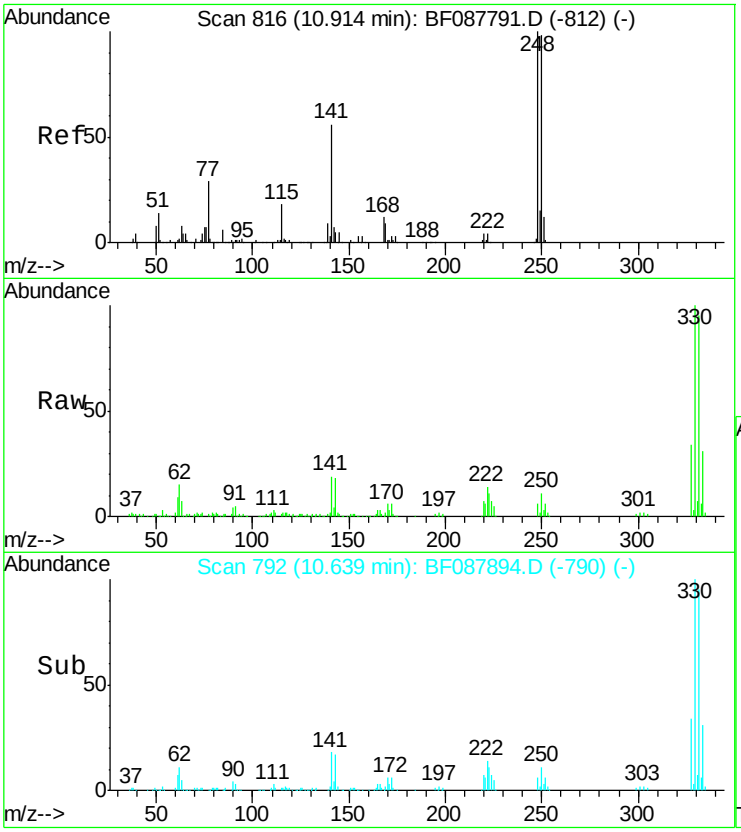


#64
4,6-Dinitro-2-methylphenol
Concen: 2.35 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.16 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Tgt Ion:198 Resp: 306

Ion	Ratio	Lower	Upper
198	100		
51	130.0	39.6	79.6#
105	224.2	36.6	76.6#



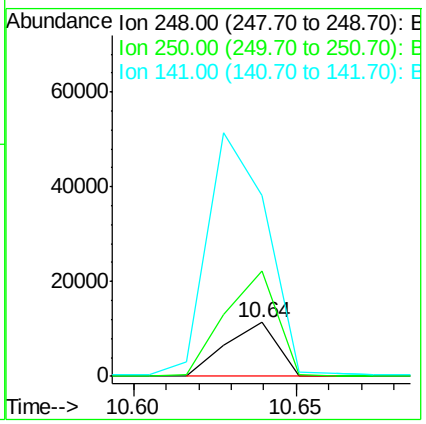


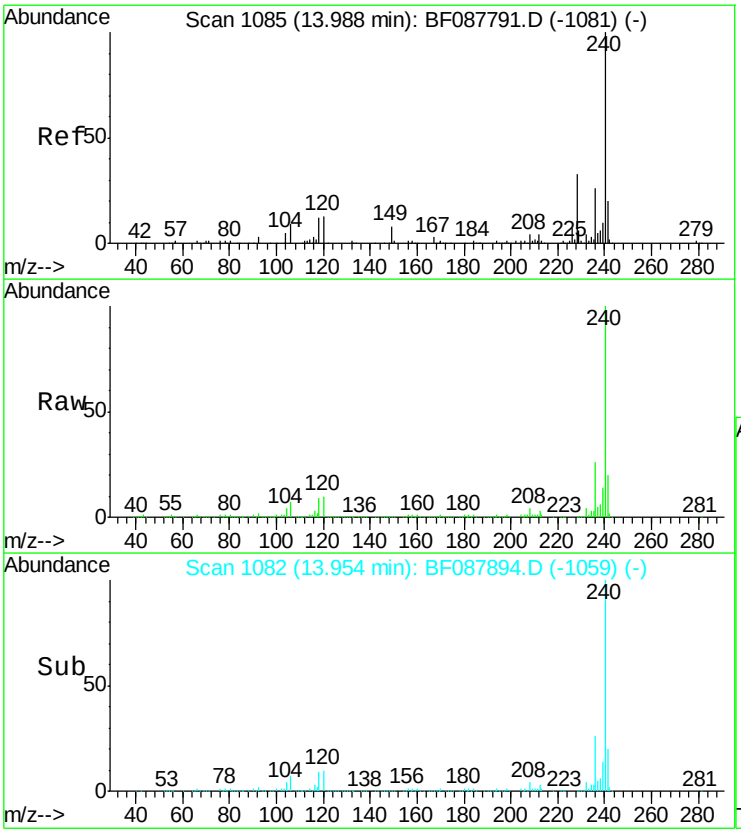
#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.27 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion:248 Resp: 12304

Ion	Ratio	Lower	Upper
248	100		
250	195.5	77.1	115.7#
141	336.3	50.6	76.0#

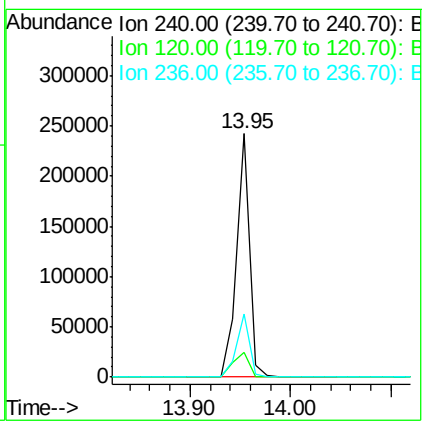


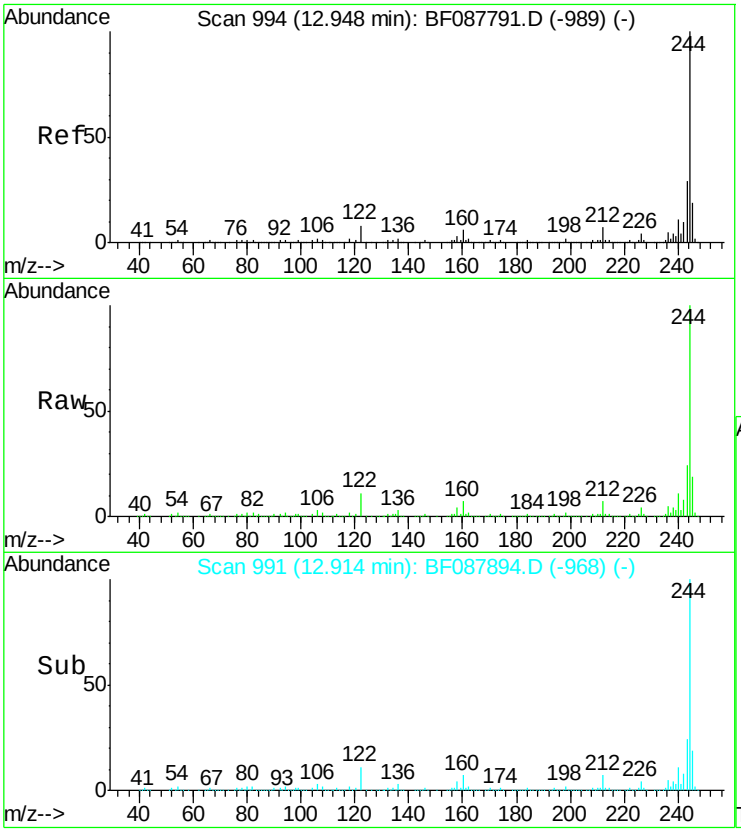


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Tgt Ion:240 Resp: 216831

Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.8	10.2#
236	25.8	20.2	30.2



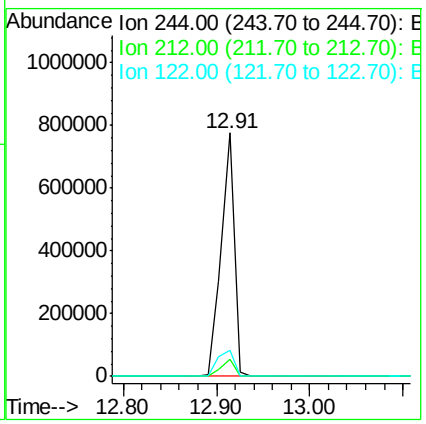


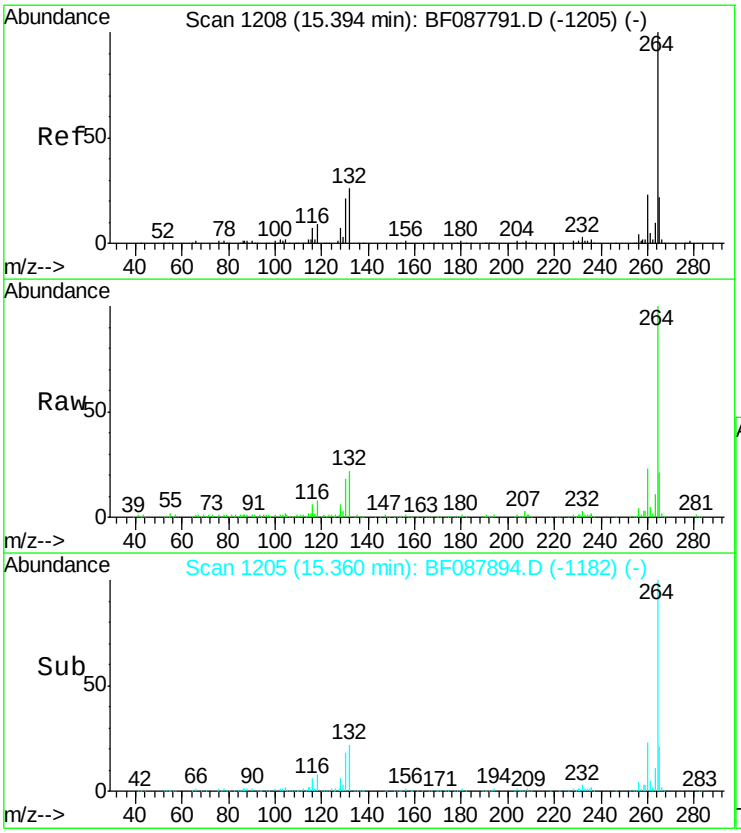
#78
Terphenyl-d14
Concen: 79.44 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Instrument :
BNA_F
ClientSampleId :
W-09

Tgt Ion:244 Resp: 757005

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.0	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087894.D
Acq: 11 Jun 2016 1:29

Tgt Ion:264 Resp: 158740

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	16.9	25.3