Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091082.D
Acq On : 8 Nov 2016 15:18
Operator : UM/SJ
Sample : PB94597BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94597BL

Quant Time: Nov 09 00:41:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	185427	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	769624	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	423237	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	687019	20.00	ng		0.00
75) Chrysene-d12	13.80	240	590991	20.00	ng		-0.01
86) Perylene-d12	15.19	264	512644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1338641	119.23	ng		0.01
7) Phenol-d6	6.32	99	1667531	109.42	ng		0.00
23) Nitrobenzene-d5	7.23	82	1146979	81.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	453036	118.40	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1880802	76.51	ng		-0.01
78) Terphenyl-d14	12.76	244	2194801	92.67	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	29482	3.49	ng		88
19) n-Nitroso-di-n-propylamine	7.23	70	157962	14.96	ng	#	78
25) Isophorone	7.23	82	908158	33.41	ng	#	67
50) 2,6-Dinitrotoluene	9.70	165	54257	9.12	ng	#	11
56) 2,4-Dinitrotoluene	9.70	165	54259	7.17	ng	#	26
66) 4-Bromophenyl-phenylether	10.49	248	32138	4.50	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 8 Nov 2016 15:18
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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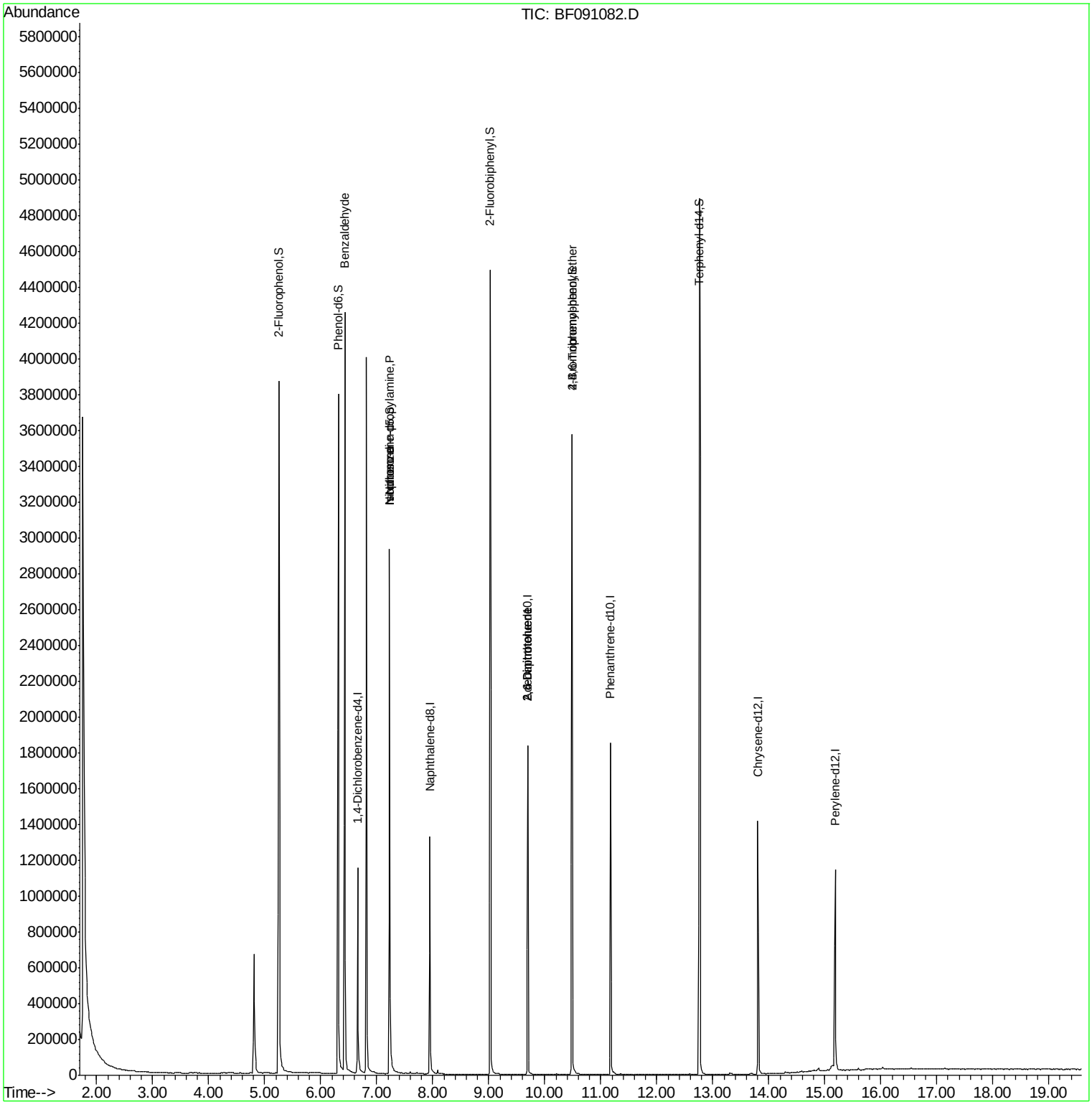
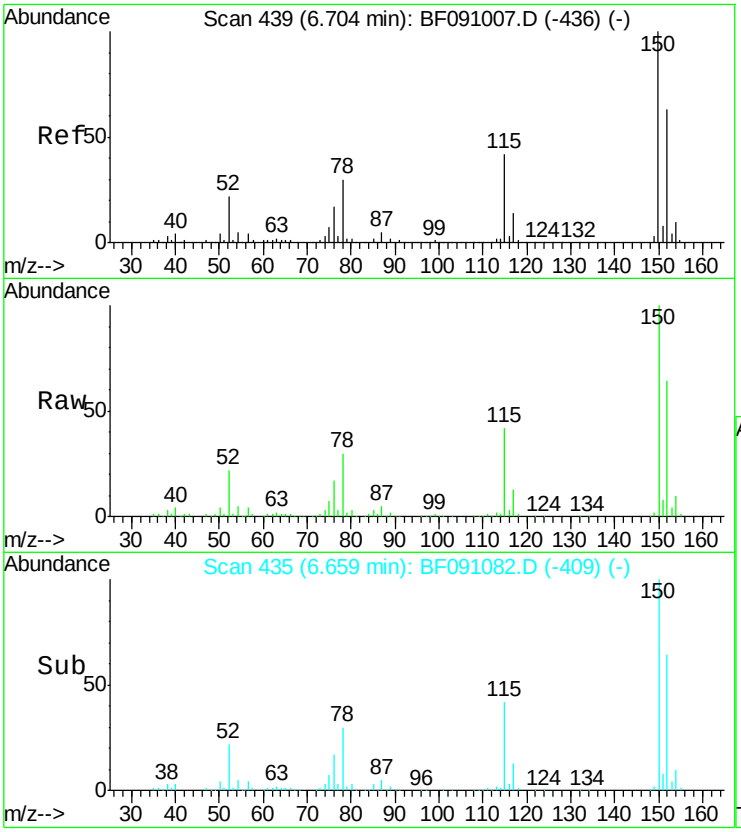


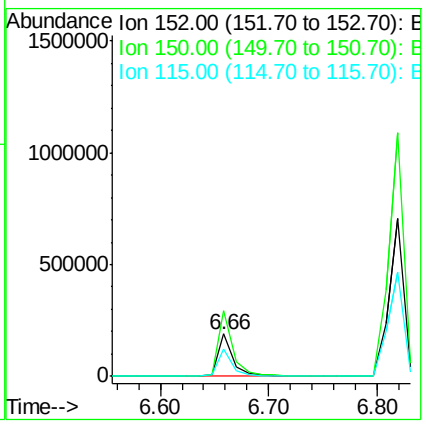


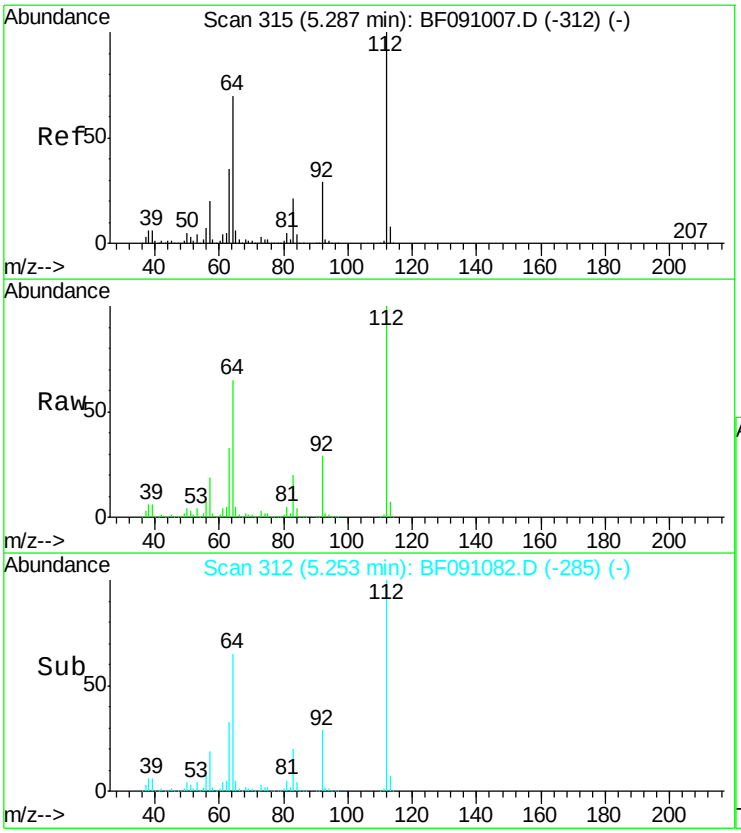
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94597BL

Tgt Ion:152 Resp: 185427

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.8	190.2
115	65.4	53.3	79.9

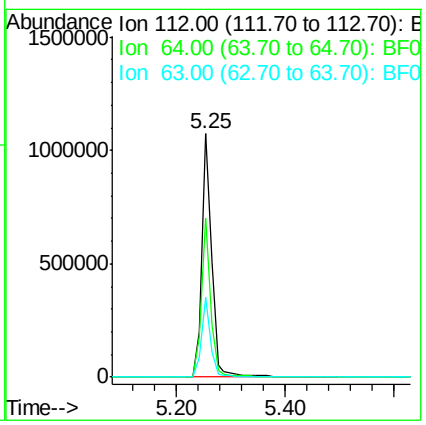


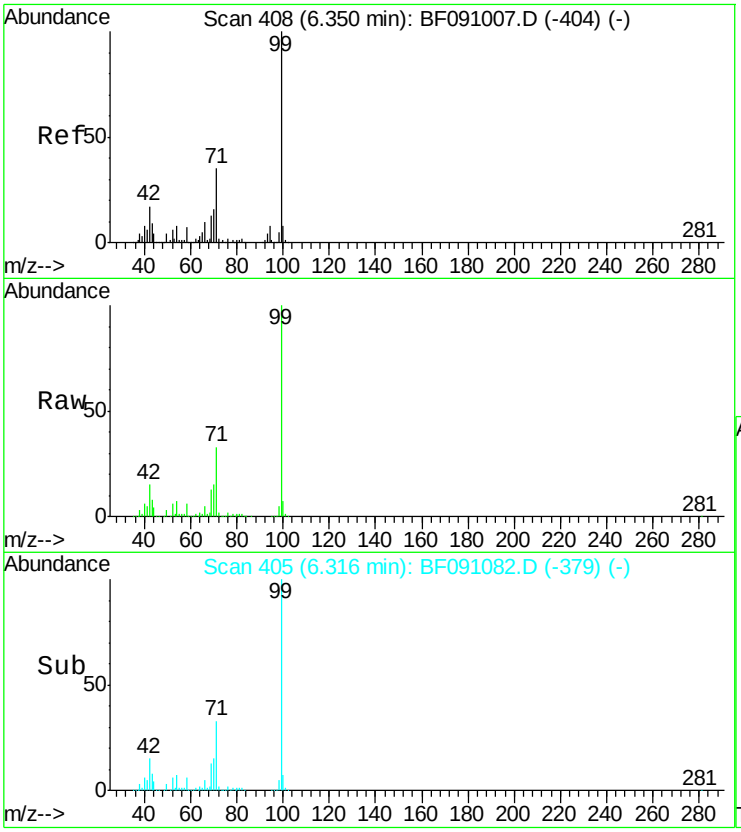


#5
2-Fluorophenol
Concen: 119.23 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion:112 Resp: 1338641

Ion	Ratio	Lower	Upper
112	100		
64	65.2	55.8	83.6
63	32.6	28.0	42.0



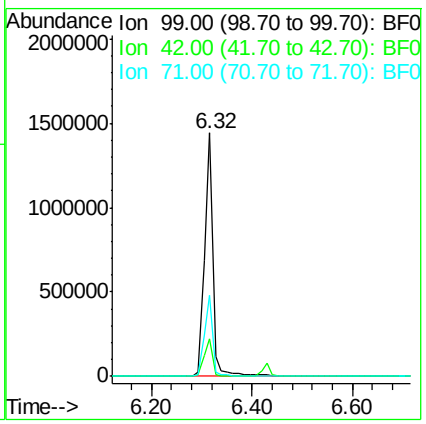


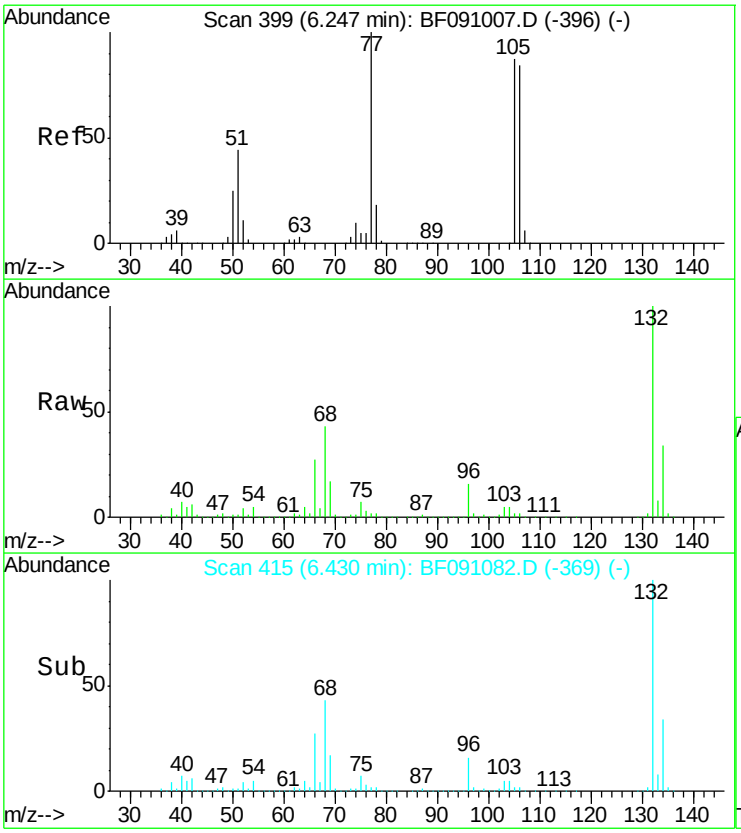
#7
Phenol-d6
Concen: 109.42 ng
RT: 6.32 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94597BL

Tgt Ion: 99 Resp: 1667531

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.9	20.9
71	33.2	27.8	41.8

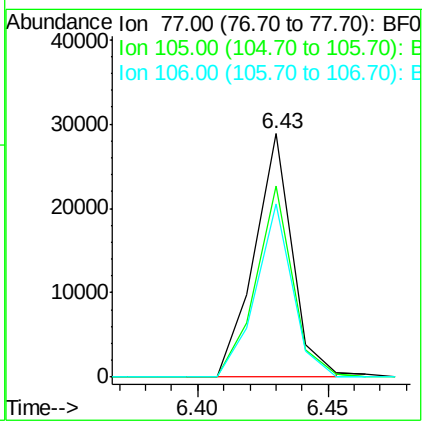


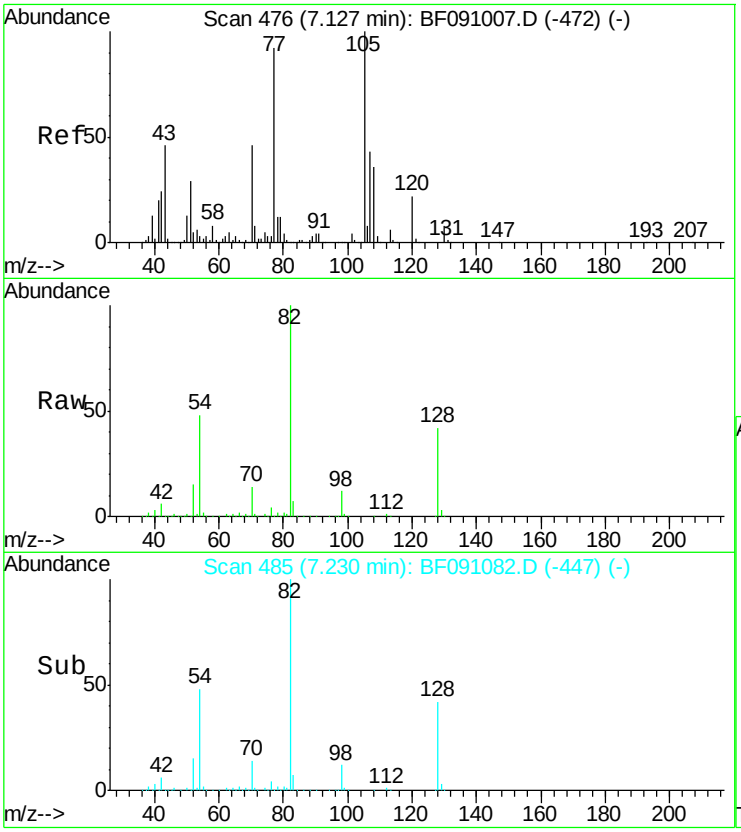


#9
Benzaldehyde
Concen: 3.49 ng
RT: 6.43 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion: 77 Resp: 29482

Ion	Ratio	Lower	Upper
77	100		
105	78.5	66.8	106.8
106	71.0	64.0	104.0



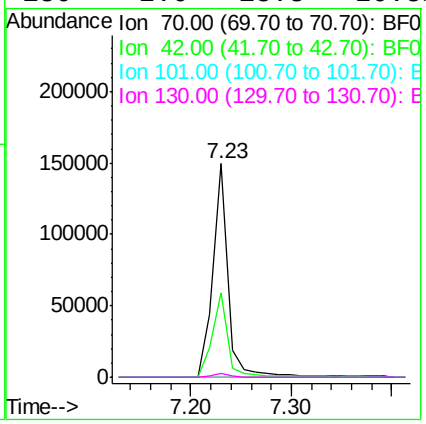


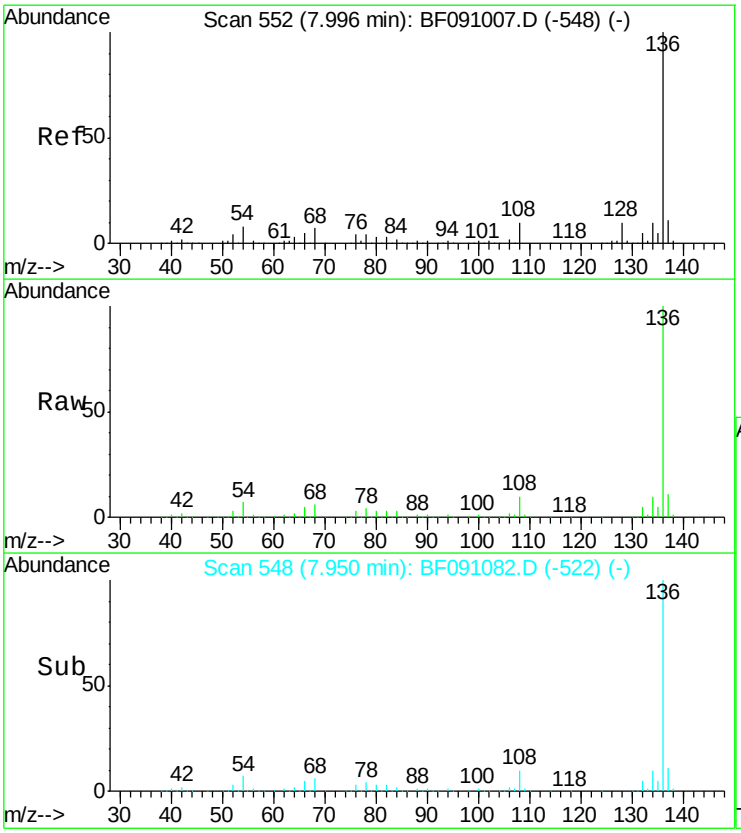
#19
n-Nitroso-di-n-propylamine
Concen: 14.96 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94597BL

Tgt Ion: 70 Resp: 157962

Ion	Ratio	Lower	Upper
70	100		
42	39.8	41.7	62.5#
101	0.0	6.7	10.1#
130	2.0	13.8	20.8#

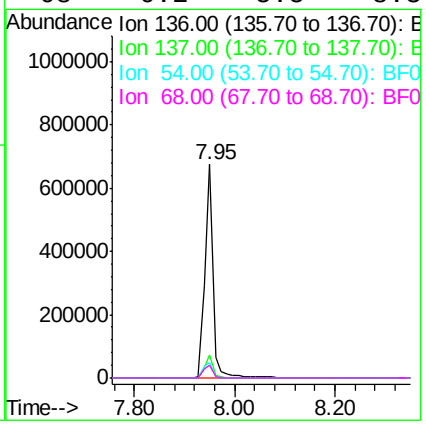


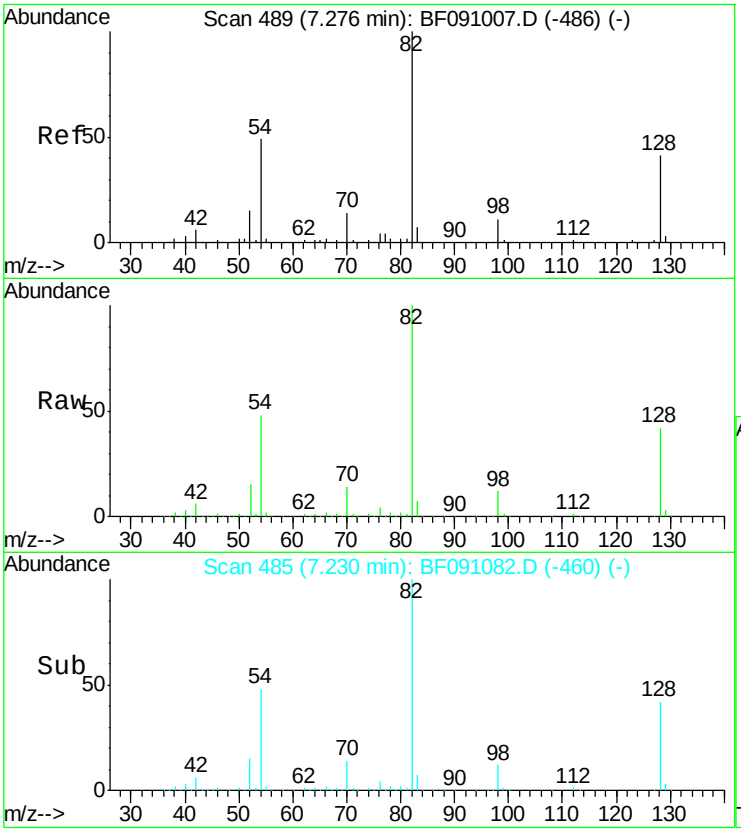


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion:136 Resp: 769624

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.2	9.2
68	6.2	5.5	8.3



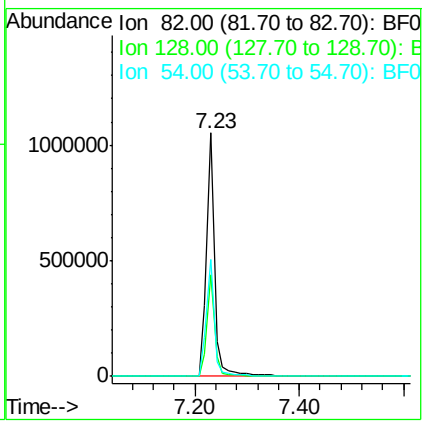


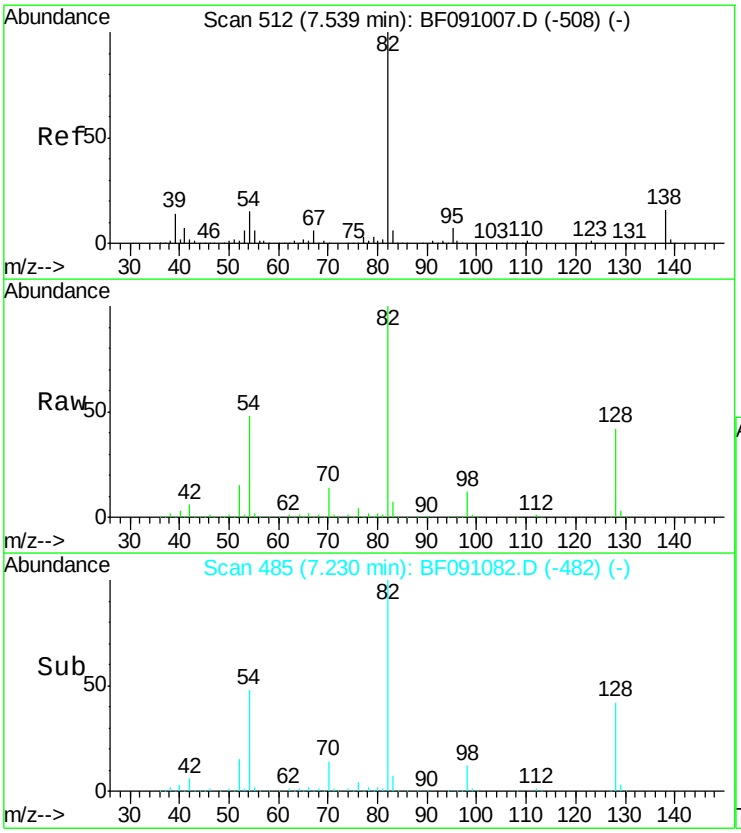
#23
Nitrobenzene-d5
Concen: 81.30 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94597BL

Tgt Ion: 82 Resp: 1146979

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.4	48.6
54	48.2	39.2	58.8

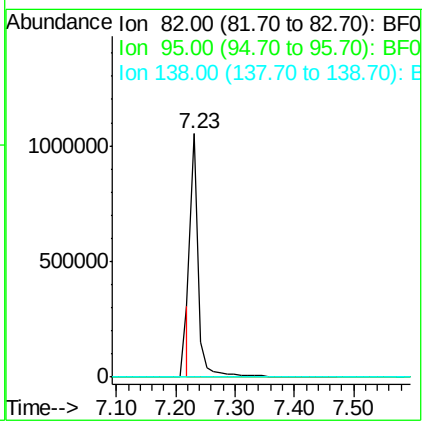


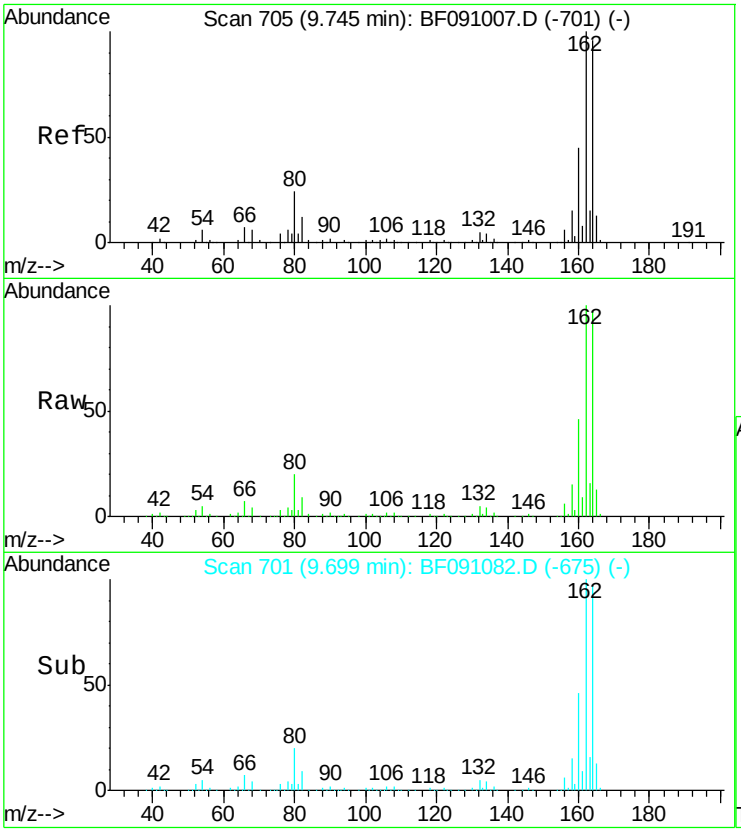


#25
Isophorone
Concen: 33.41 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.26 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion: 82 Resp: 908158

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#



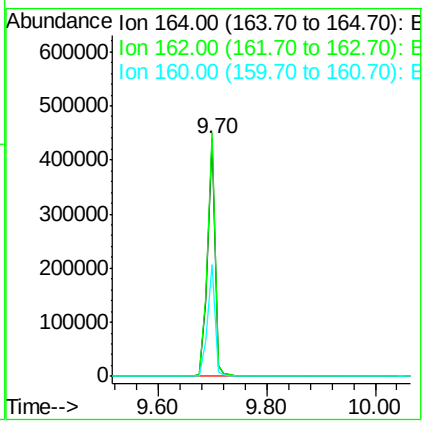


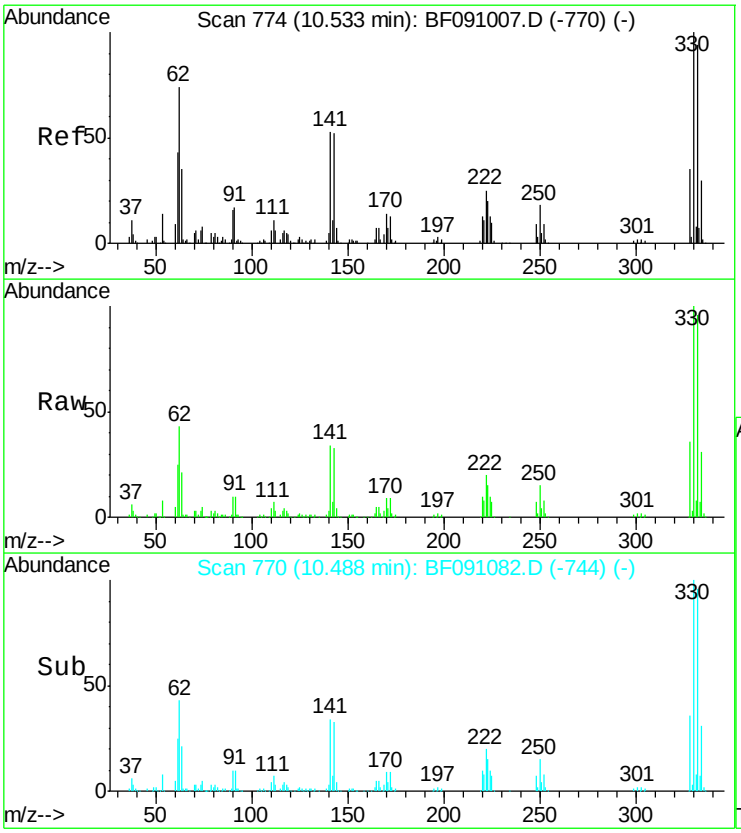
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94597BL

Tgt Ion:164 Resp: 423237

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.6	125.4
160	47.3	37.9	56.9

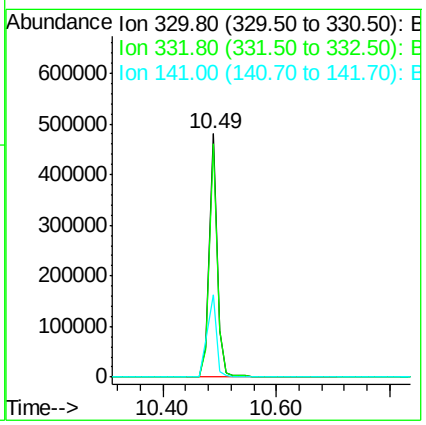


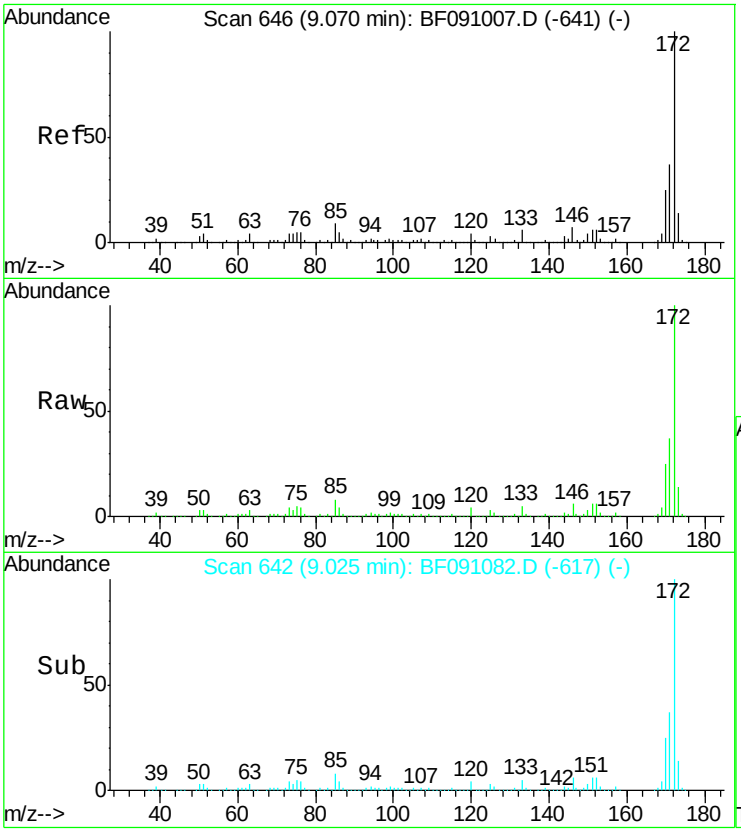


#41
2,4,6-Tribromophenol
Concen: 118.40 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion:330 Resp: 453036

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.9	113.9
141	39.0	36.1	54.1



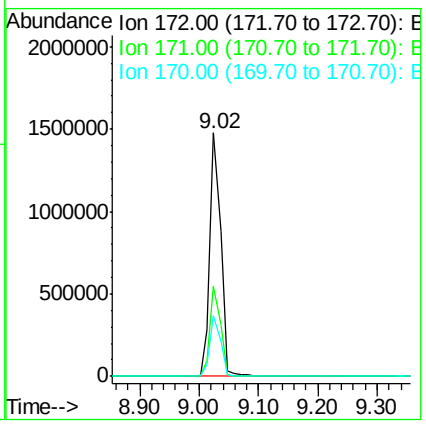


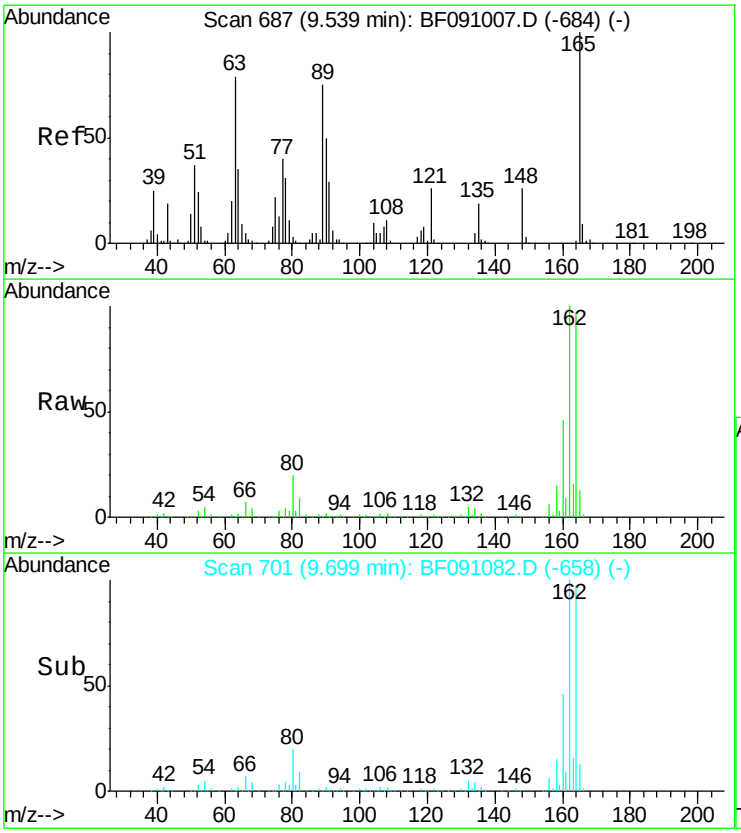
#44
2-Fluorobiphenyl
Concen: 76.51 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94597BL

Tgt Ion:172 Resp: 1880802

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.8	20.3	30.5

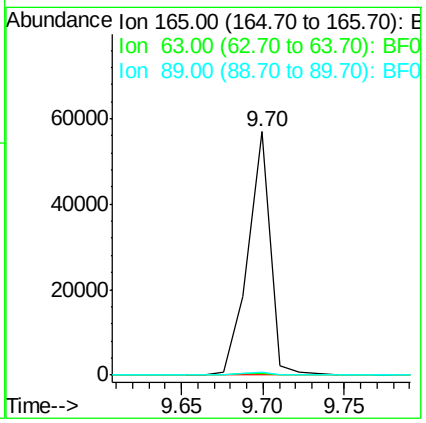


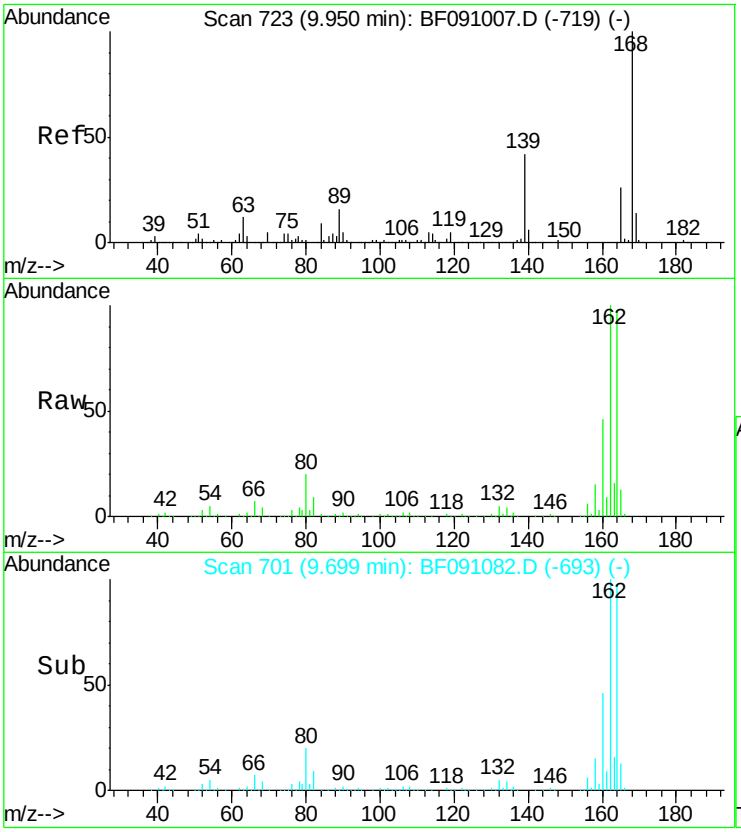


#50
2,6-Dinitrotoluene
Concen: 9.12 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.19 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion:165 Resp: 54257

Ion	Ratio	Lower	Upper
165	100		
63	0.9	65.6	98.4#
89	1.0	59.8	89.6#



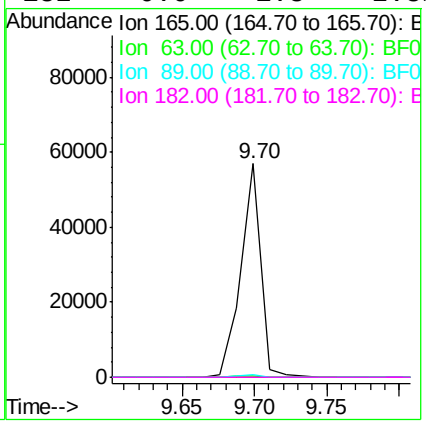


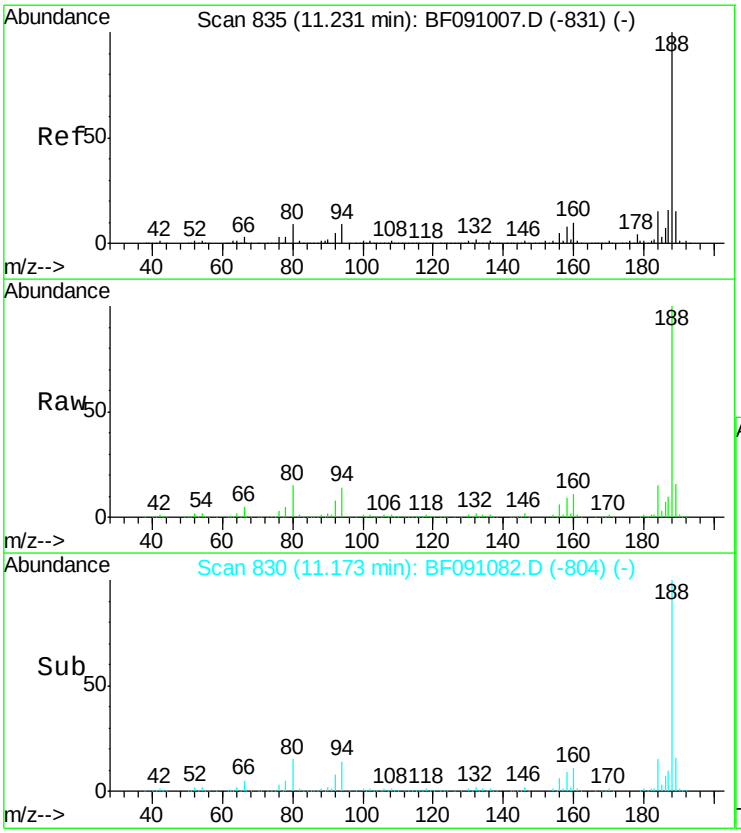
#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94597BL

Tgt Ion:165 Resp: 54259

Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.7	58.1#
89	1.0	50.6	76.0#
182	0.0	1.8	2.8#

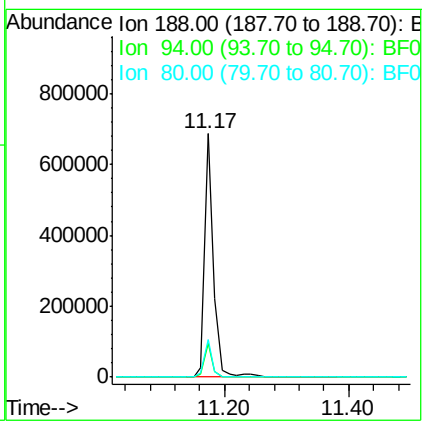


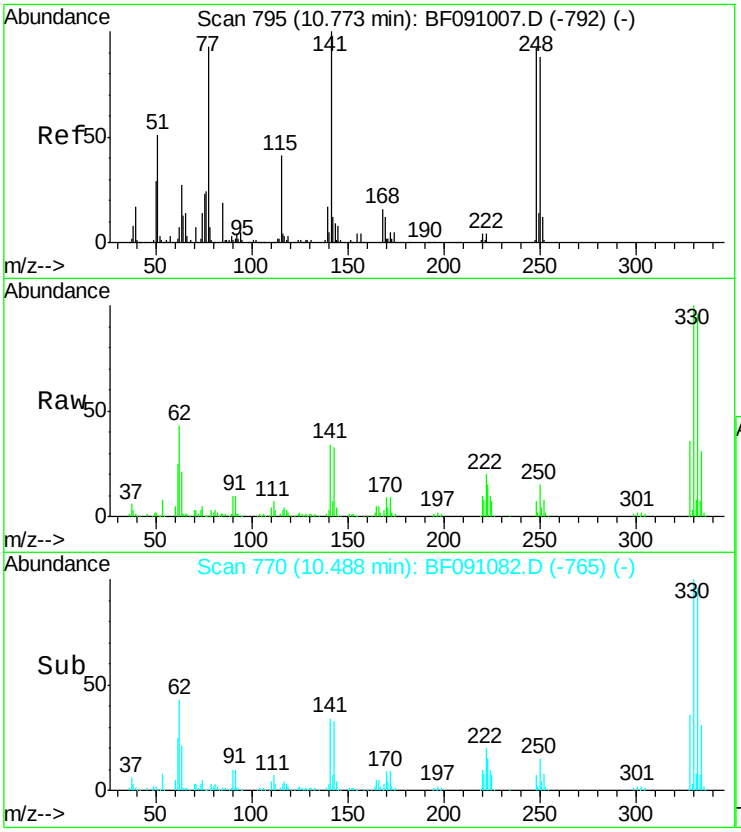


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion:188 Resp: 687019

Ion	Ratio	Lower	Upper
188	100		
94	13.6	7.0	10.4#
80	15.5	7.5	11.3#



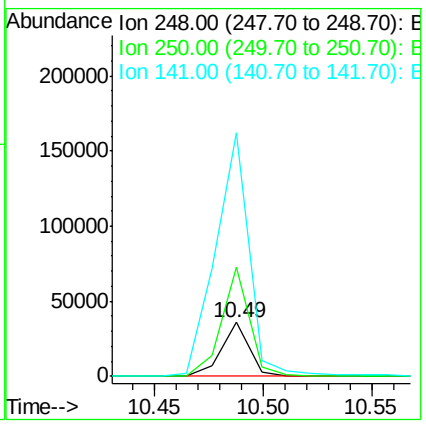


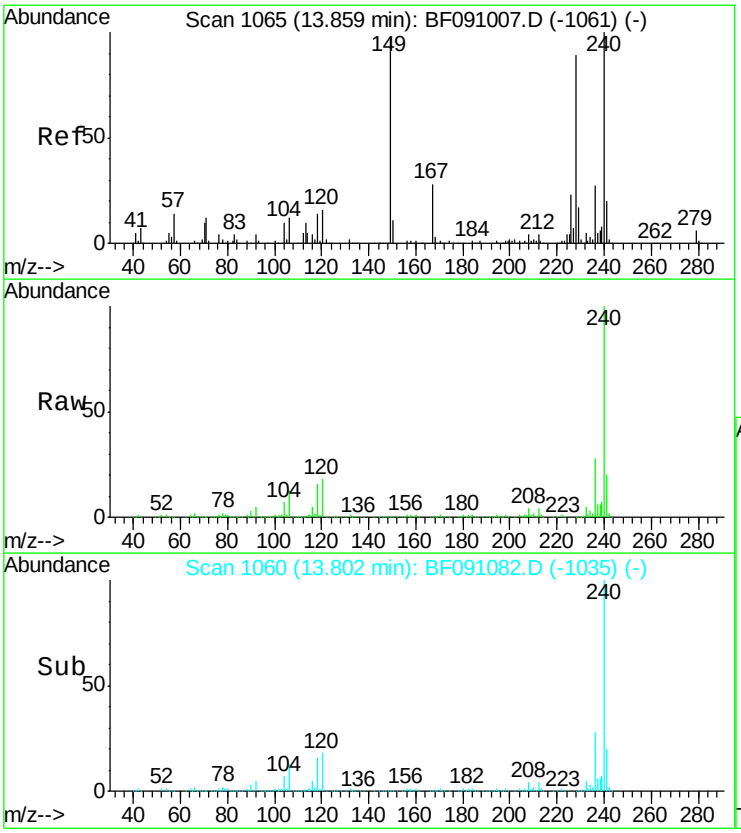
#66
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94597BL

Tgt Ion:248 Resp: 32138

Ion	Ratio	Lower	Upper
248	100		
250	203.0	76.3	114.5#
141	452.2	86.8	130.2#

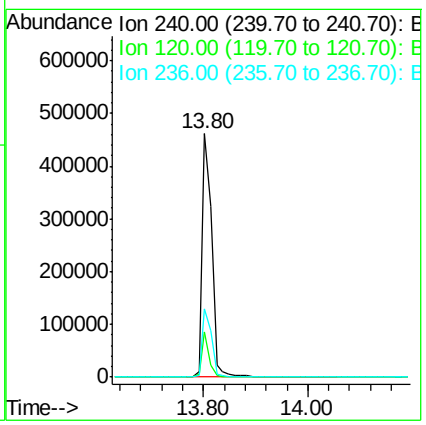


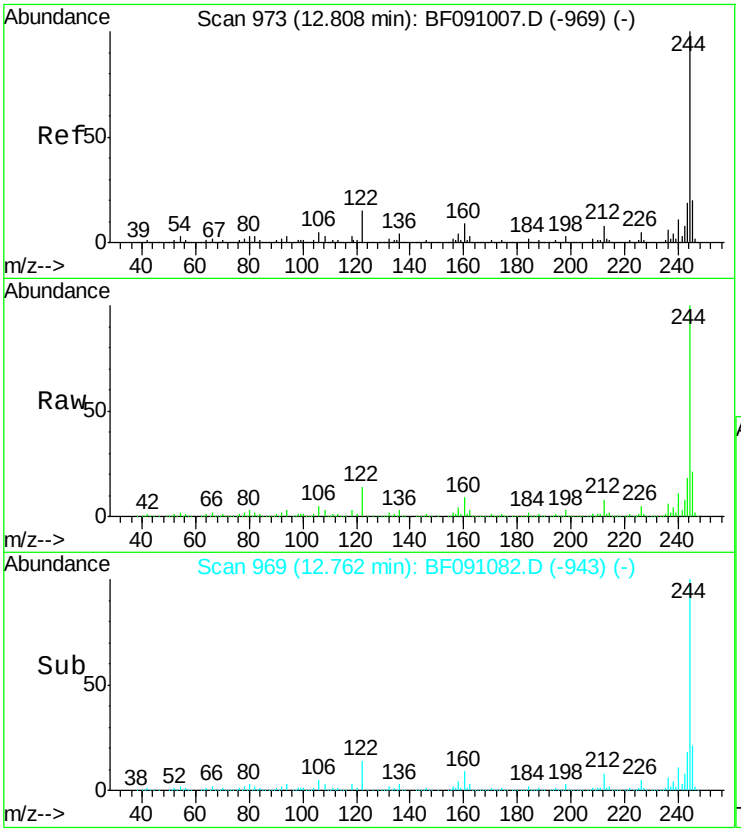


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion:240 Resp: 590991

Ion	Ratio	Lower	Upper
240	100		
120	18.4	12.9	19.3
236	27.9	21.9	32.9



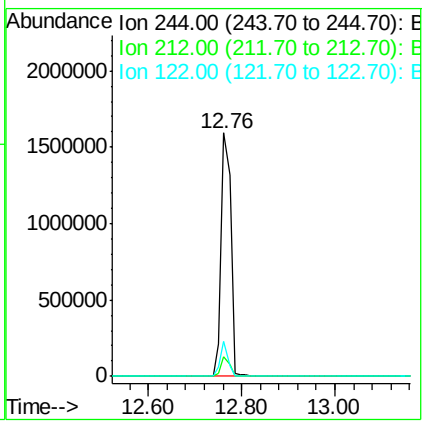


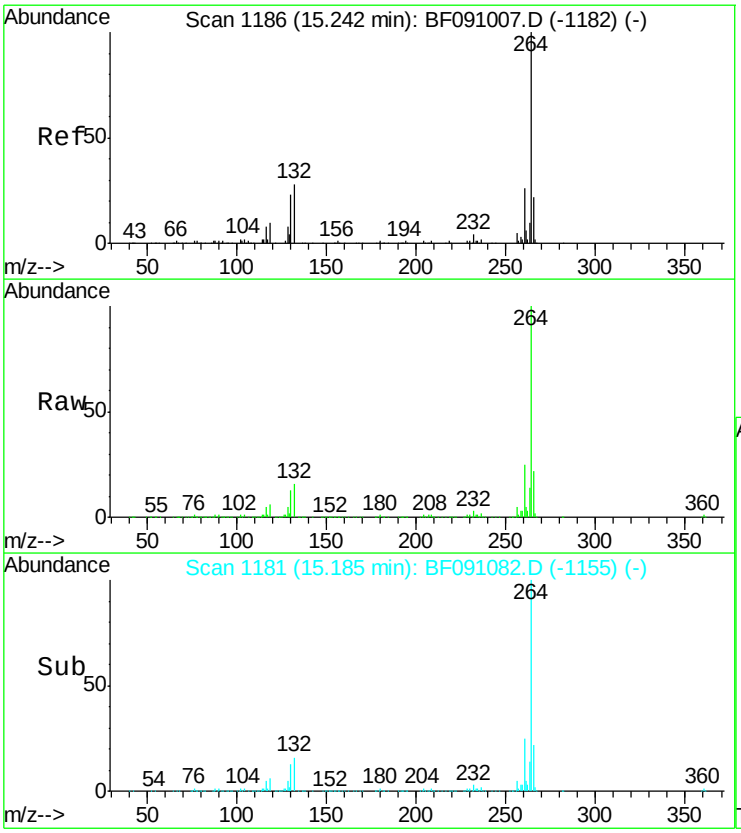
#78
Terphenyl-d14
Concen: 92.67 ng
RT: 12.76 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94597BL

Tgt Ion:244 Resp: 2194801

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	14.3	12.3	18.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion:264 Resp: 512644

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	21.7	17.8	26.8