Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091811.D
Acq On : 20 Dec 2016 11:09
Operator : UM/SJ
Sample : H6147-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KINGSBRIDGE-FB-2-121516

Quant Time: Dec 20 23:37:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	218302	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	952446	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	444411	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	807230	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	699464	20.00	ng	-0.02
86) Perylene-d12	15.31	264	574274	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	919076	70.54	ng	0.00
7) Phenol-d6	6.41	99	761246	47.90	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1623221	98.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	561401	148.98	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2544367	115.02	ng	-0.01
78) Terphenyl-d14	12.87	244	2418956	87.32	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.30	77	1470	Below Cal	#	81
15) Benzyl Alcohol	6.91	79	24648	2.00	ng	# 43
19) n-Nitroso-di-n-propylamine	7.32	70	215734	20.41	ng	# 78
25) Isophorone	7.32	82	1406269	44.63	ng	# 65
50) 2,6-Dinitrotoluene	9.79	165	57196	8.99	ng	# 31
56) 2,4-Dinitrotoluene	9.79	165	57198	7.19	ng	# 20
66) 4-Bromophenyl-phenylether	10.59	248	38498	4.55	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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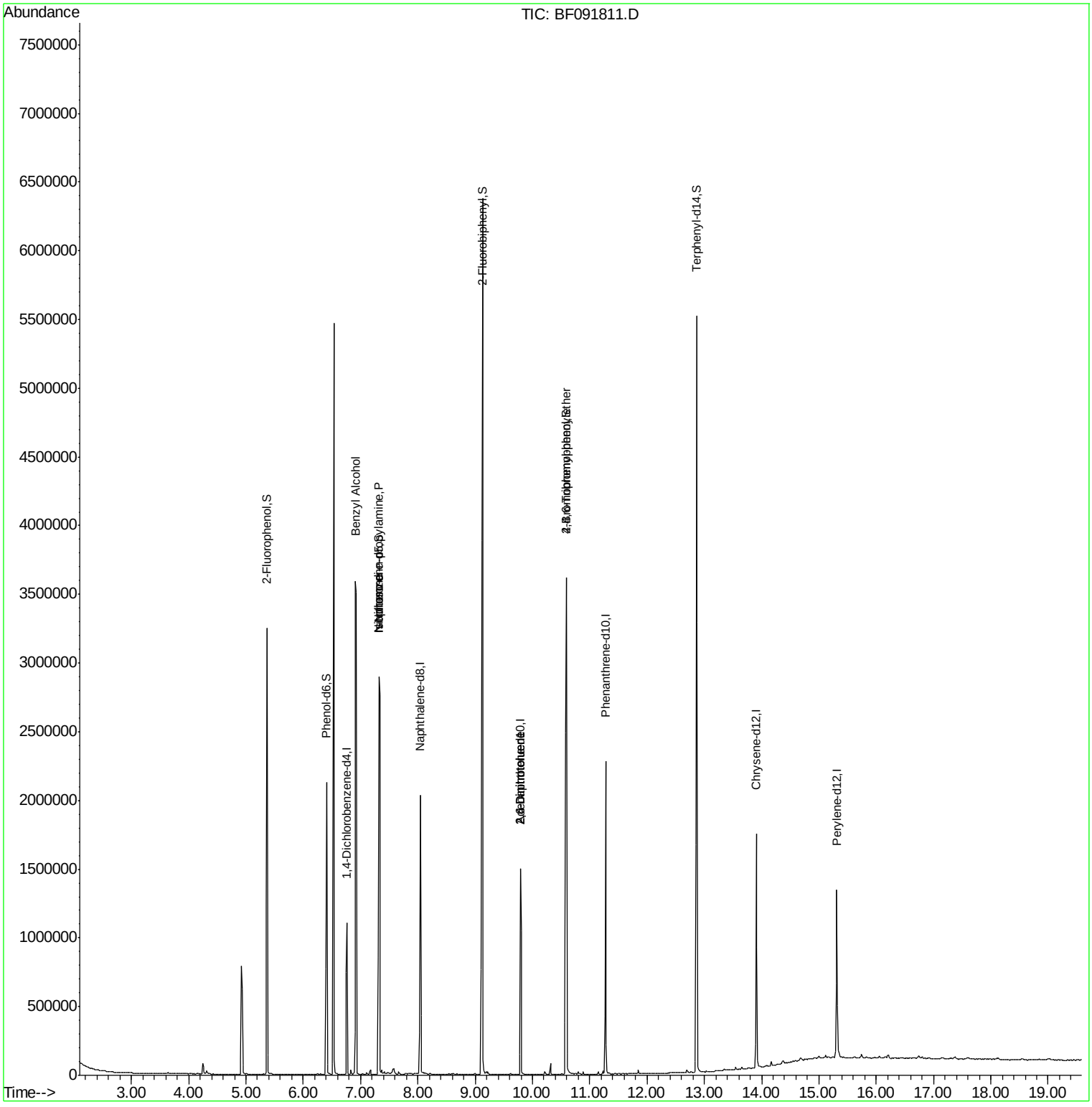
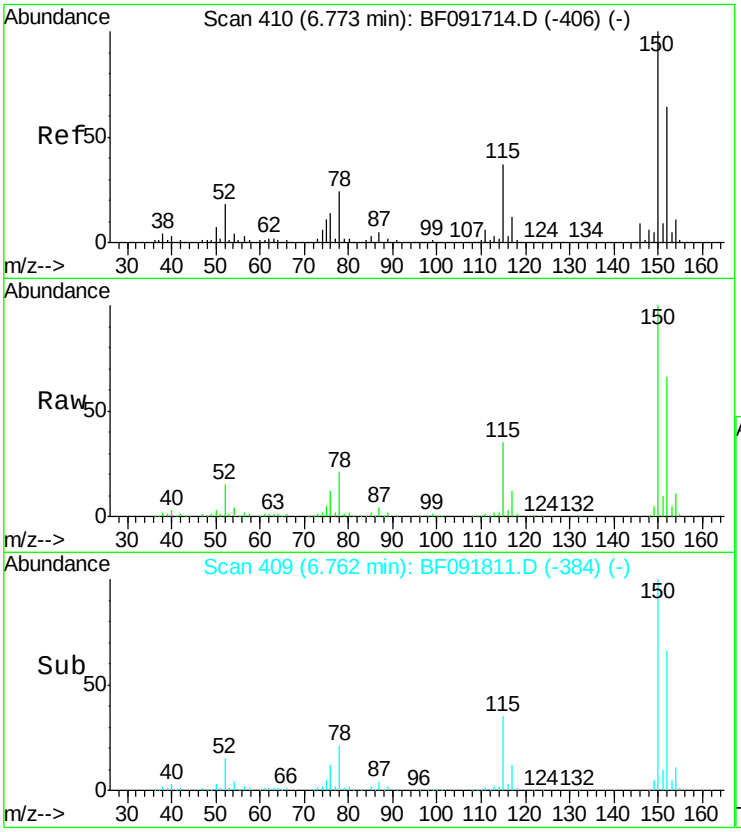


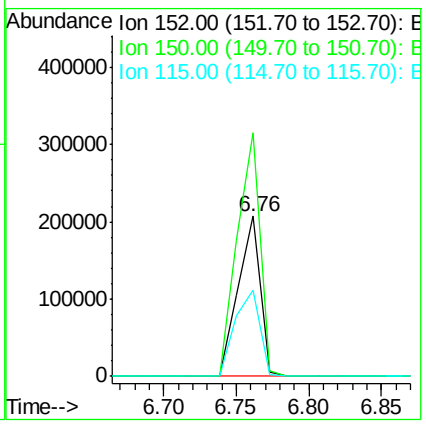


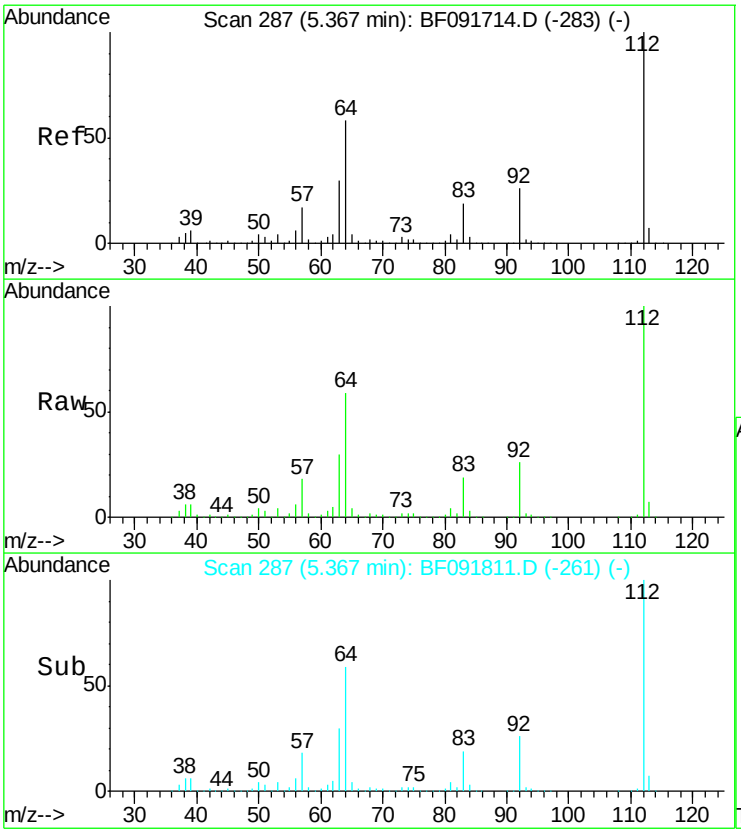
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tgt Ion:152 Resp: 218302

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.9	187.3
115	53.6	46.0	69.0

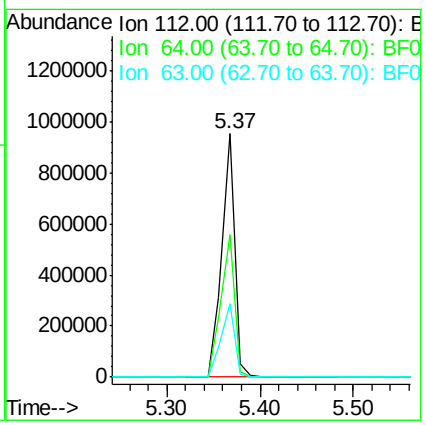


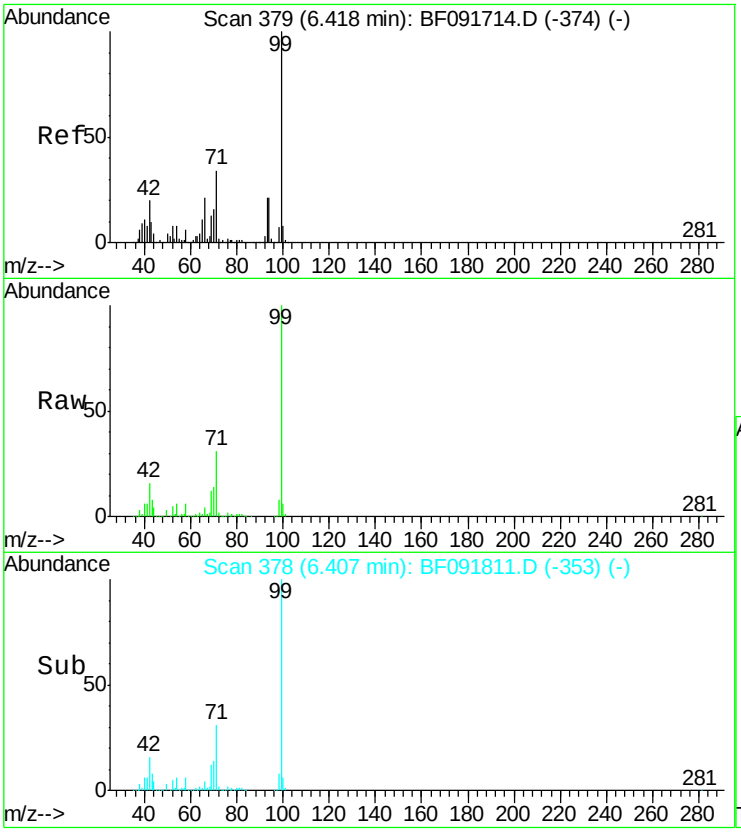


#5
2-Fluorophenol
Concen: 70.54 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion:112 Resp: 919076

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.1	69.1
63	30.0	23.8	35.6



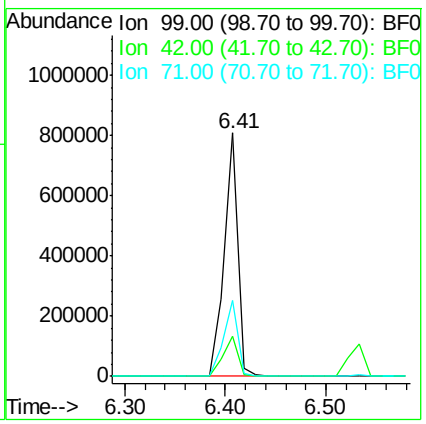


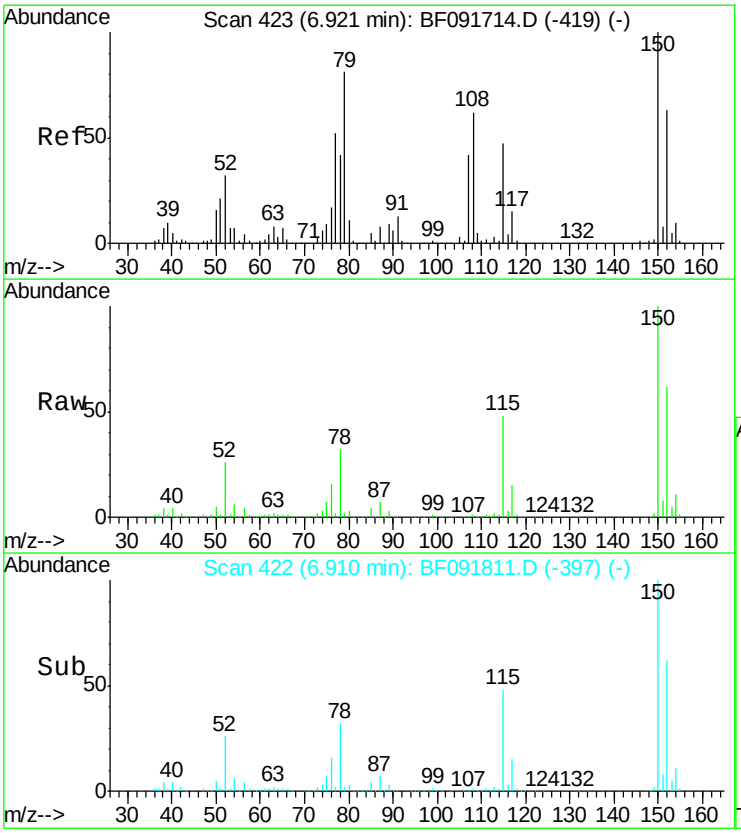
#7
Phenol-d6
Concen: 47.90 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tgt Ion: 99 Resp: 761246

Ion	Ratio	Lower	Upper
99	100		
42	16.4	15.6	23.4
71	31.2	27.5	41.3

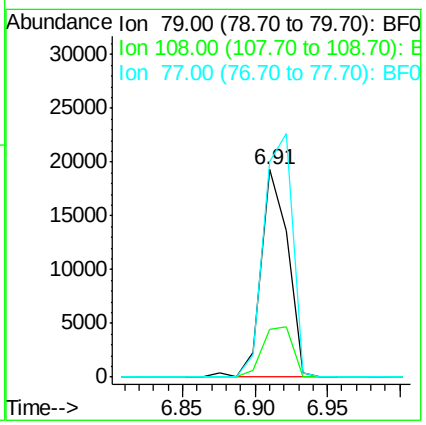


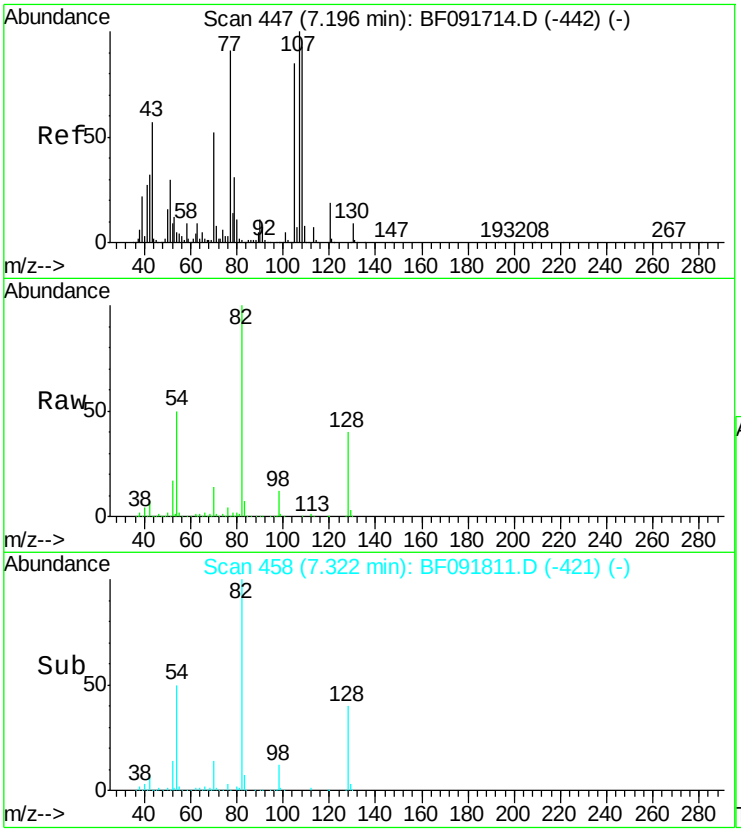


#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion: 79 Resp: 24648

Ion	Ratio	Lower	Upper
79	100		
108	23.3	61.4	92.0#
77	103.9	50.9	76.3#



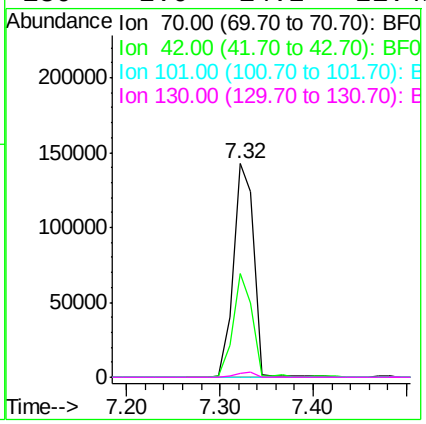


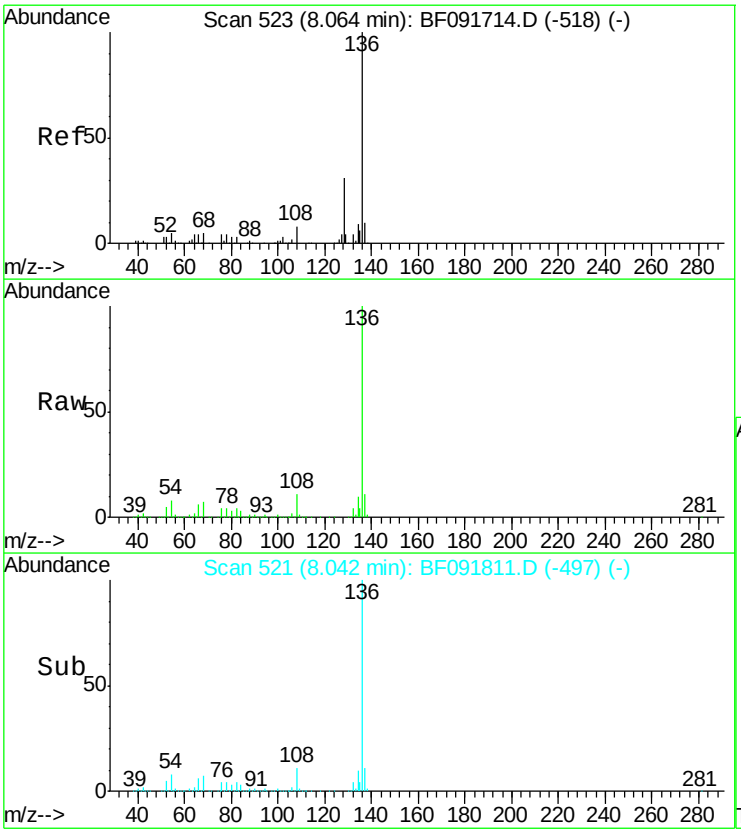
#19
n-Nitroso-di-n-propylamine
Concen: 20.41 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tgt Ion: 70 Resp: 215734

Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

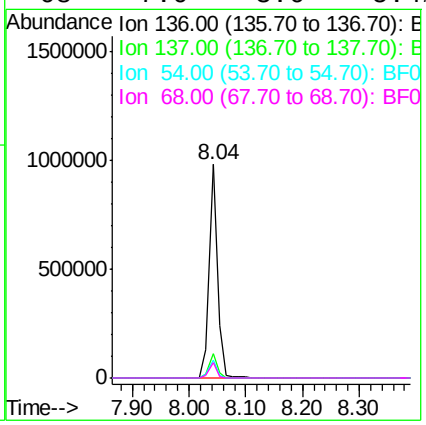


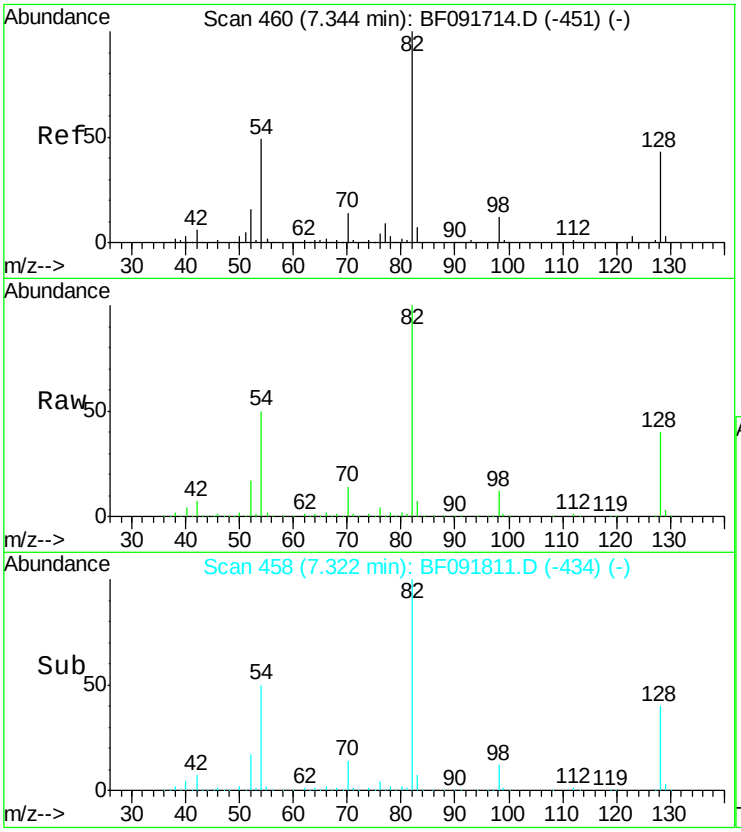


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion:136 Resp: 952446

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.5	4.5	6.7#
68	7.0	3.6	5.4#



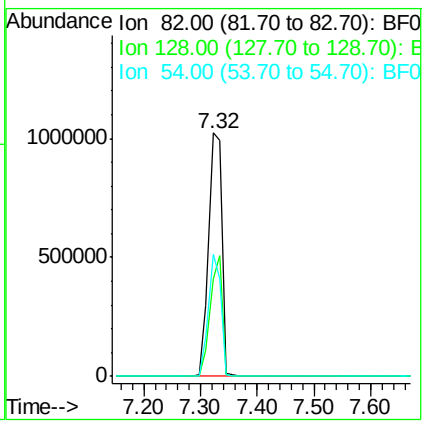


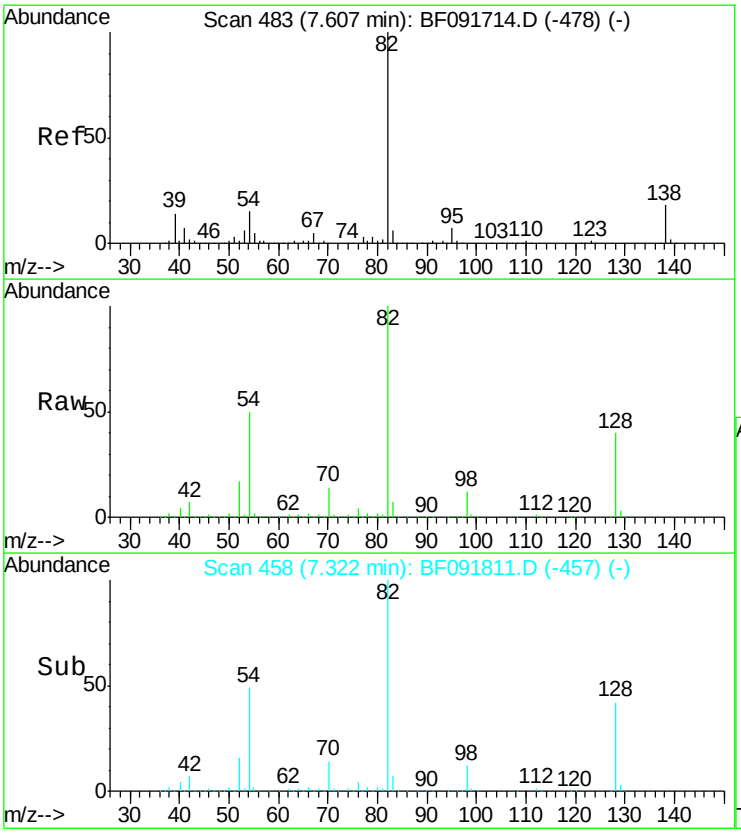
#23
Nitrobenzene-d5
Concen: 98.28 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tgt Ion: 82 Resp: 1623221

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.6	52.0
54	50.3	39.5	59.3

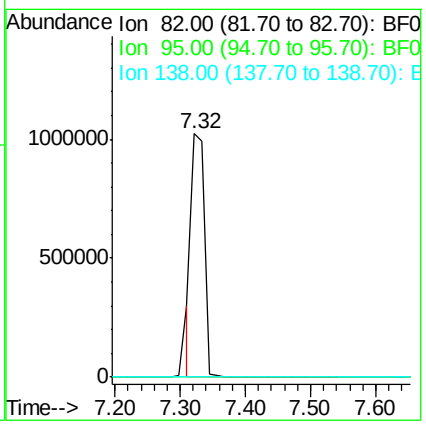


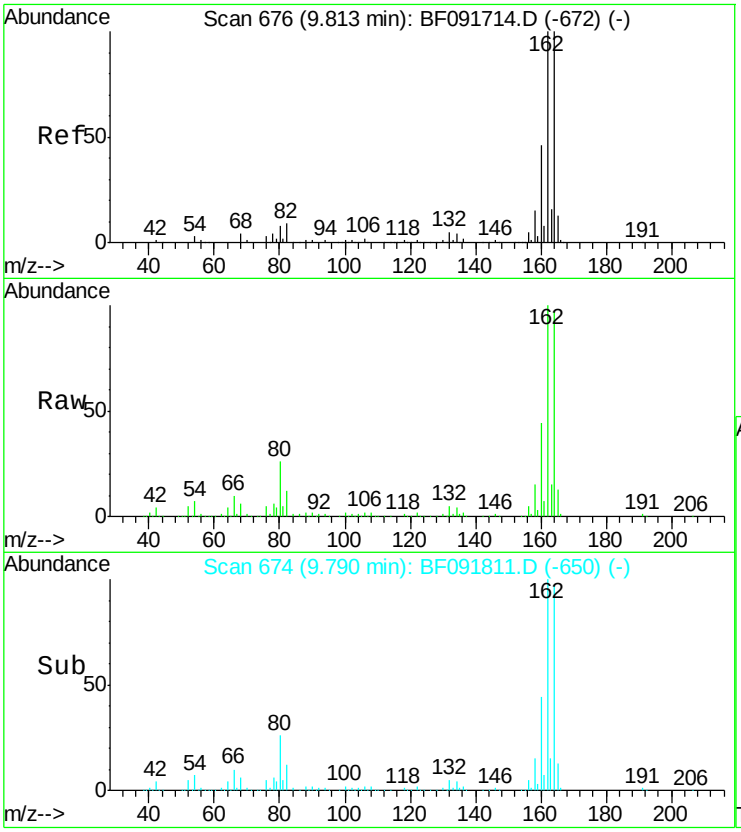


#25
Isophorone
Concen: 44.63 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion: 82 Resp: 1406269

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



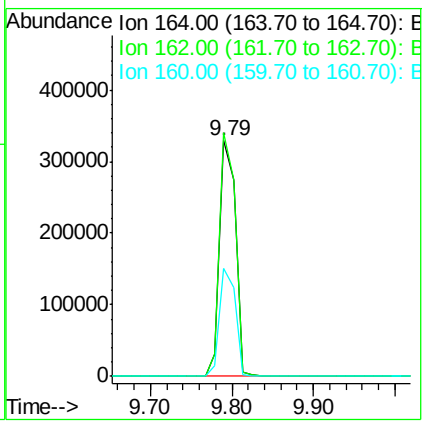


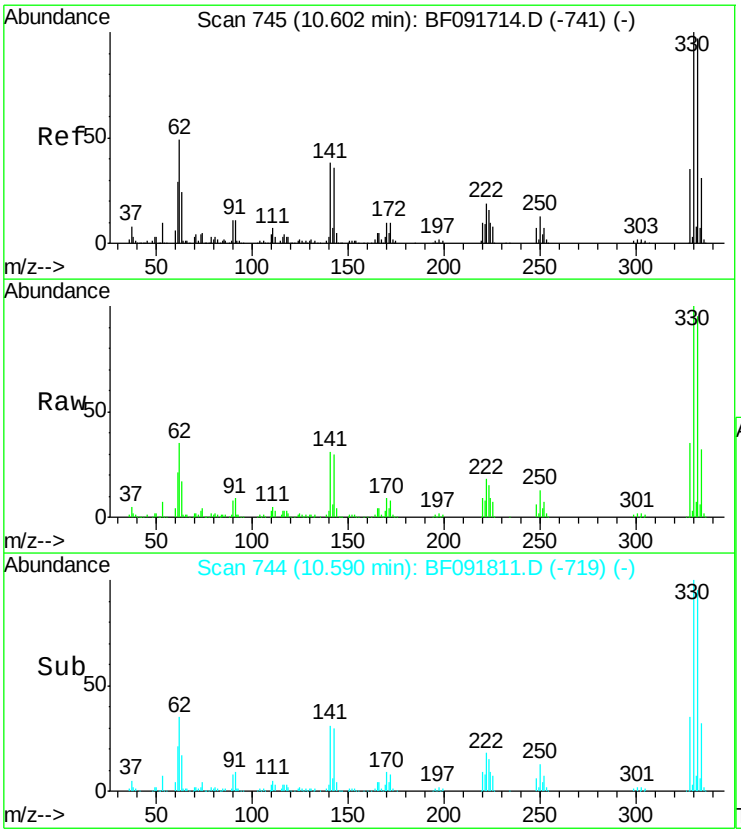
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tgt Ion:164 Resp: 444411

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.2	120.2
160	45.6	36.9	55.3

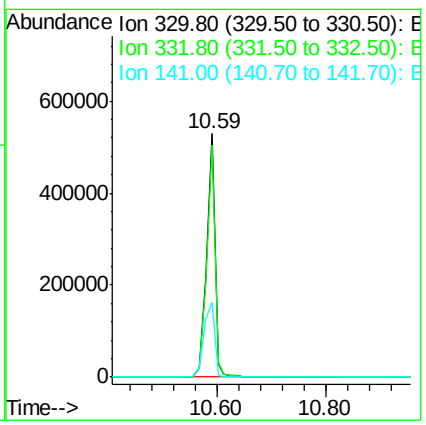


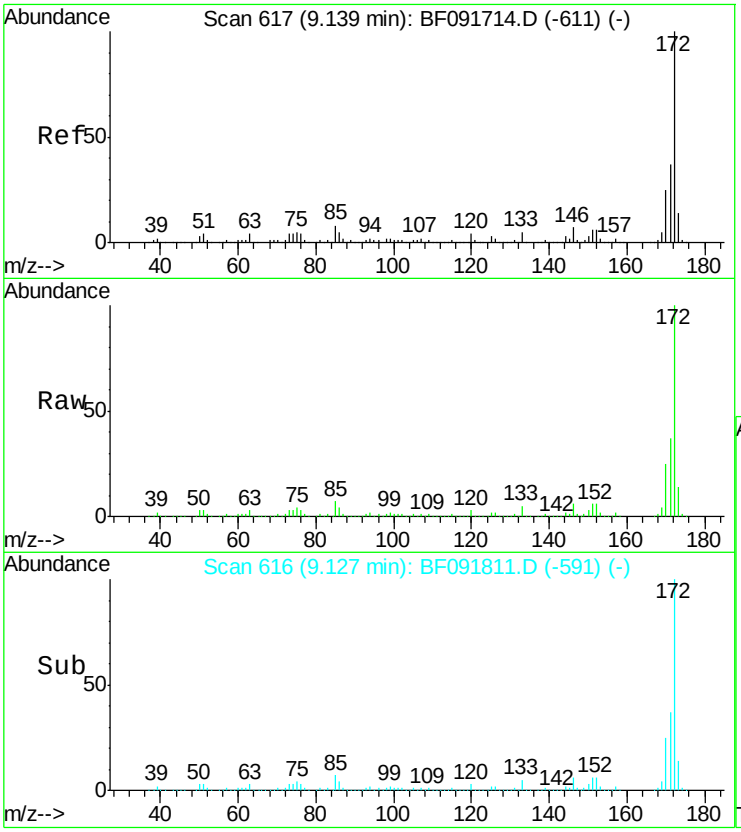


#41
2,4,6-Tribromophenol
Concen: 148.98 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion:330 Resp: 561401

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	39.4	34.1	51.1



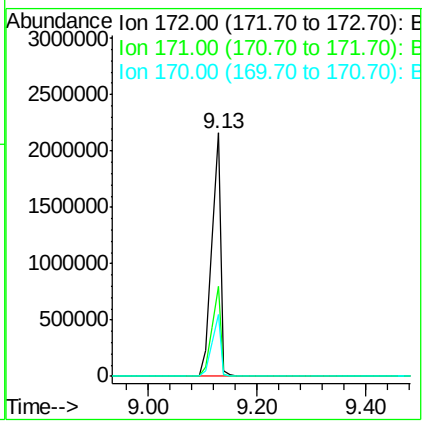


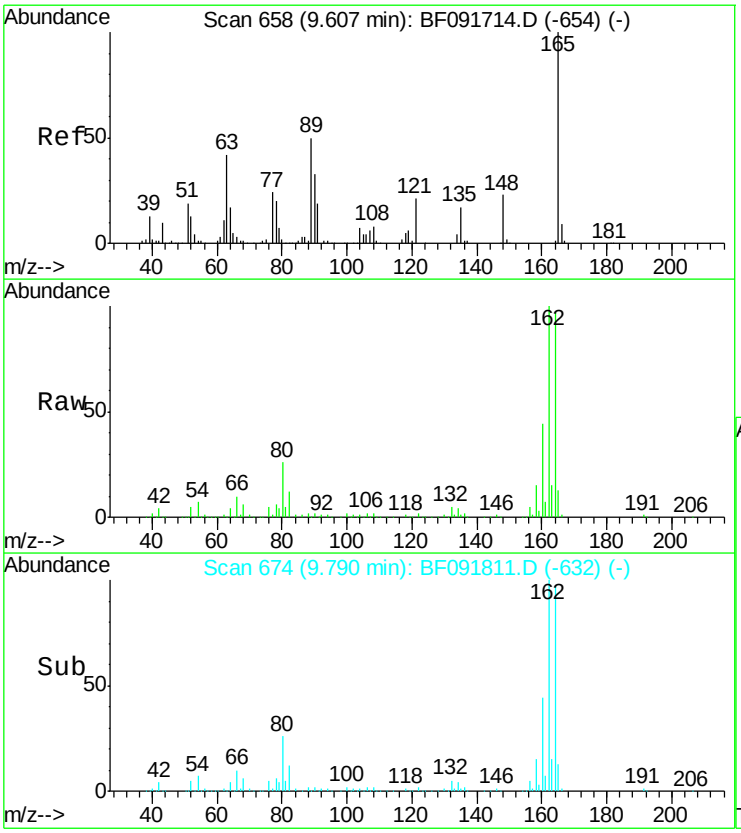
#44
2-Fluorobiphenyl
Concen: 115.02 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tgt Ion:172 Resp: 2544367

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.1	20.2	30.4

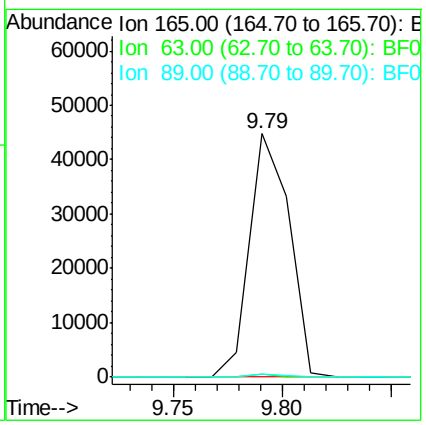


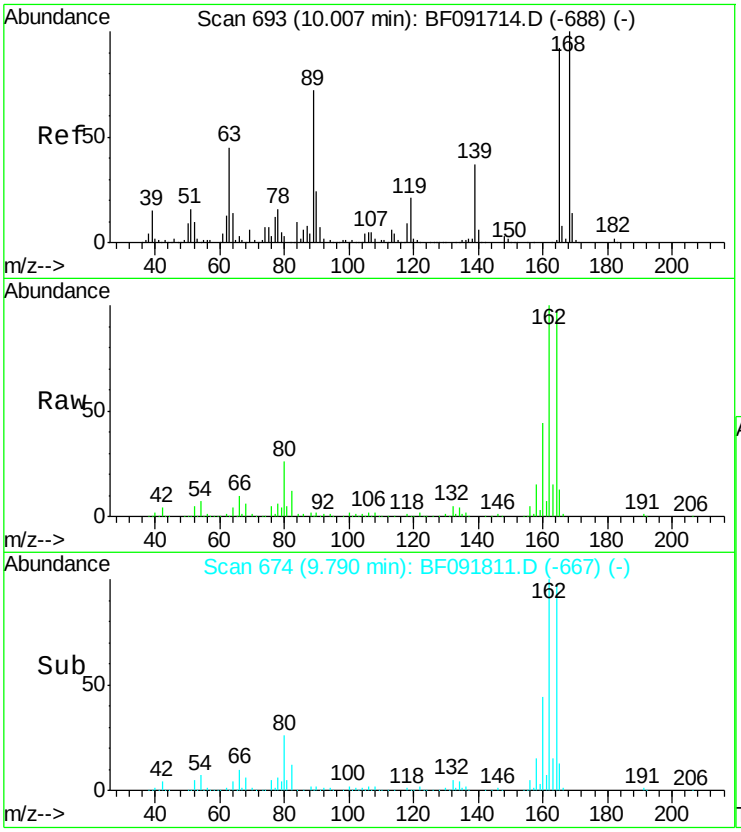


#50
2,6-Dinitrotoluene
Concen: 8.99 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.18 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion:165 Resp: 57196

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.3	40.2	60.4#



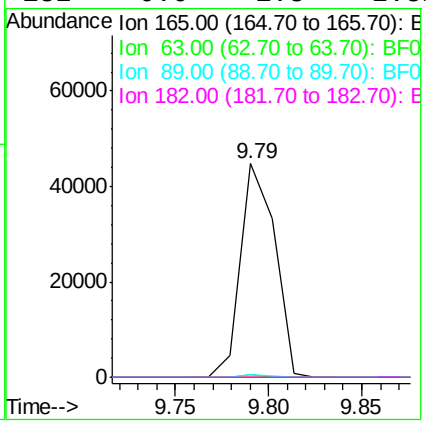


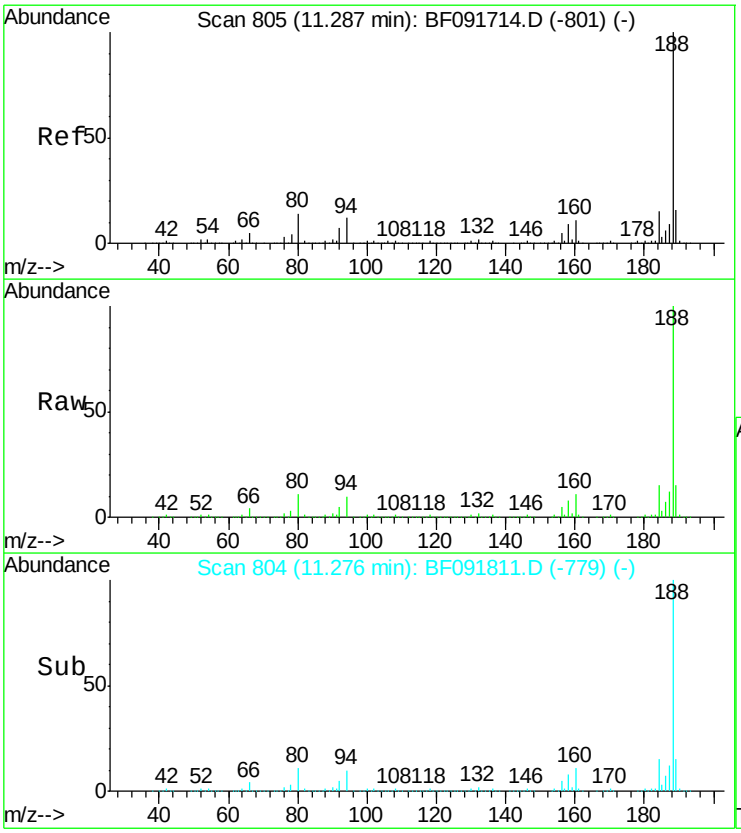
#56
2,4-Dinitrotoluene
Concen: 7.19 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tgt Ion:165 Resp: 57198

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

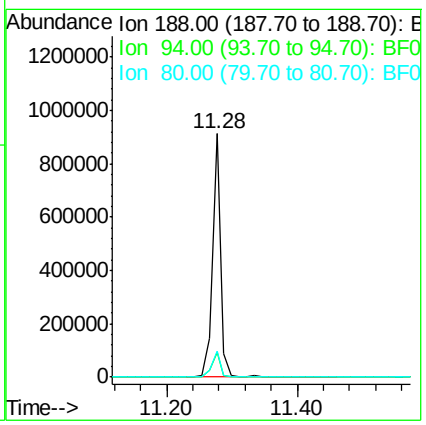


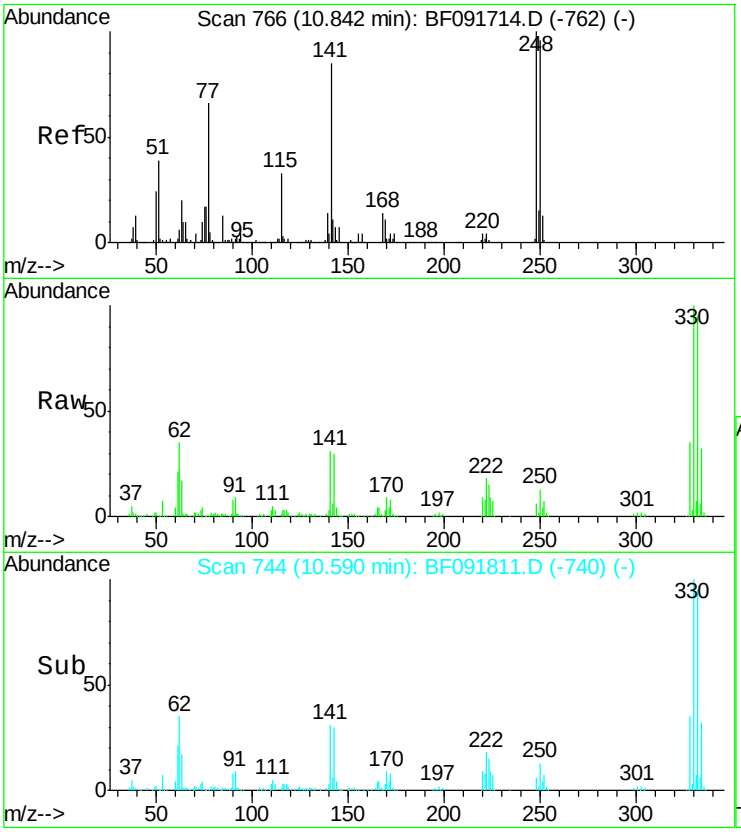


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion:188 Resp: 807230

Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.0	15.0
80	10.9	11.2	16.8#



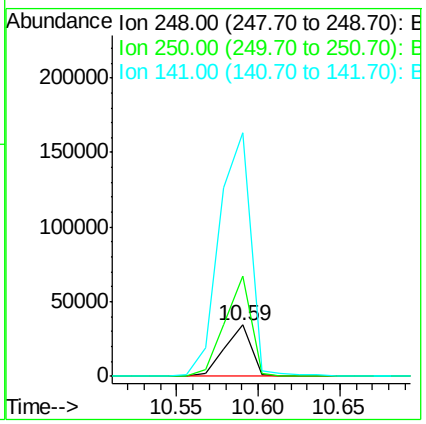


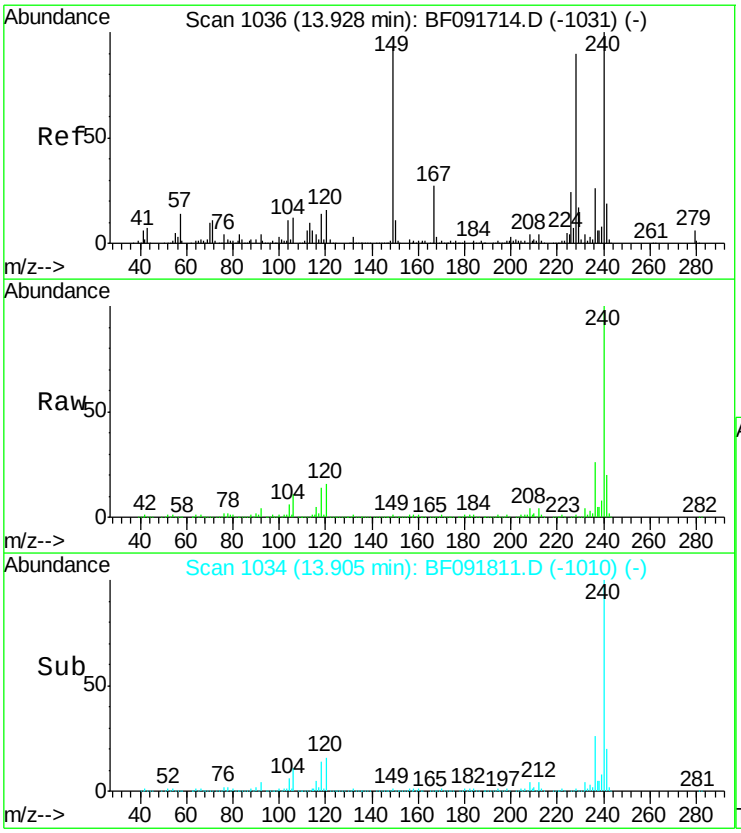
#66
4-Bromophenyl-phenylether
Concen: 4.55 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tgt Ion:248 Resp: 38498

Ion	Ratio	Lower	Upper
248	100		
250	194.8	76.9	115.3#
141	474.5	68.2	102.4#

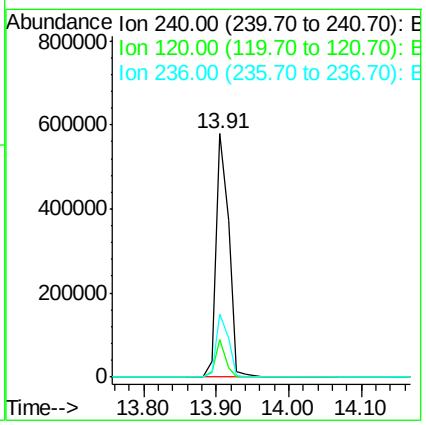


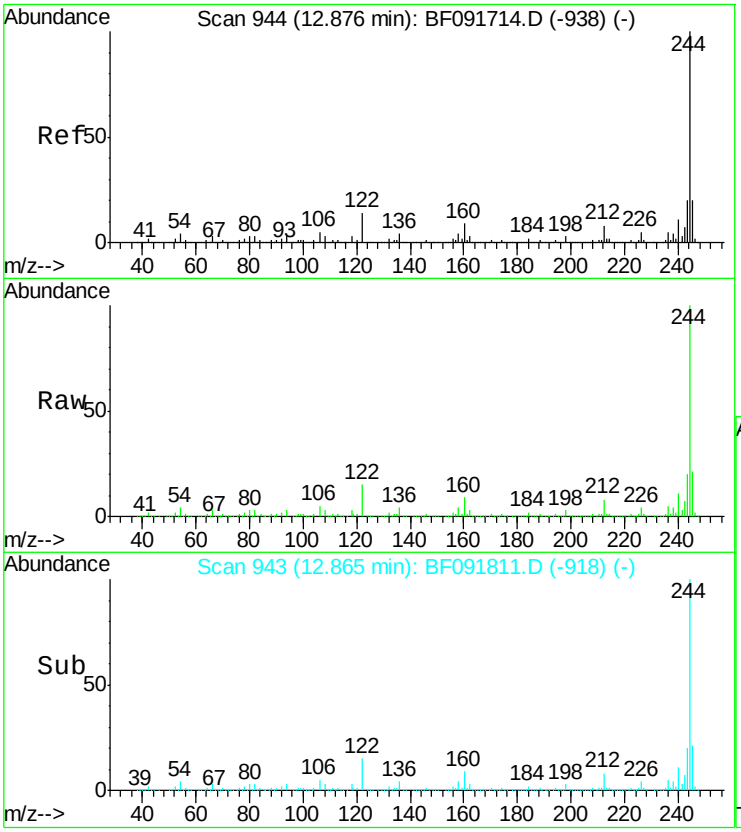


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion:240 Resp: 699464

Ion	Ratio	Lower	Upper
240	100		
120	15.6	12.9	19.3
236	26.1	20.9	31.3



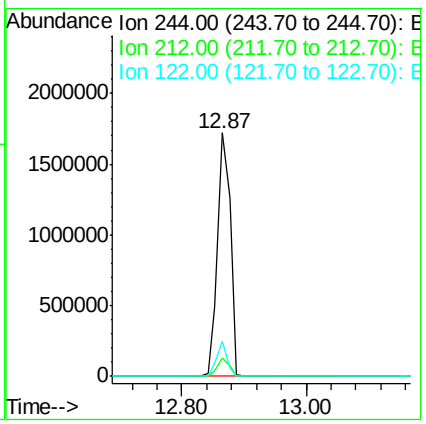


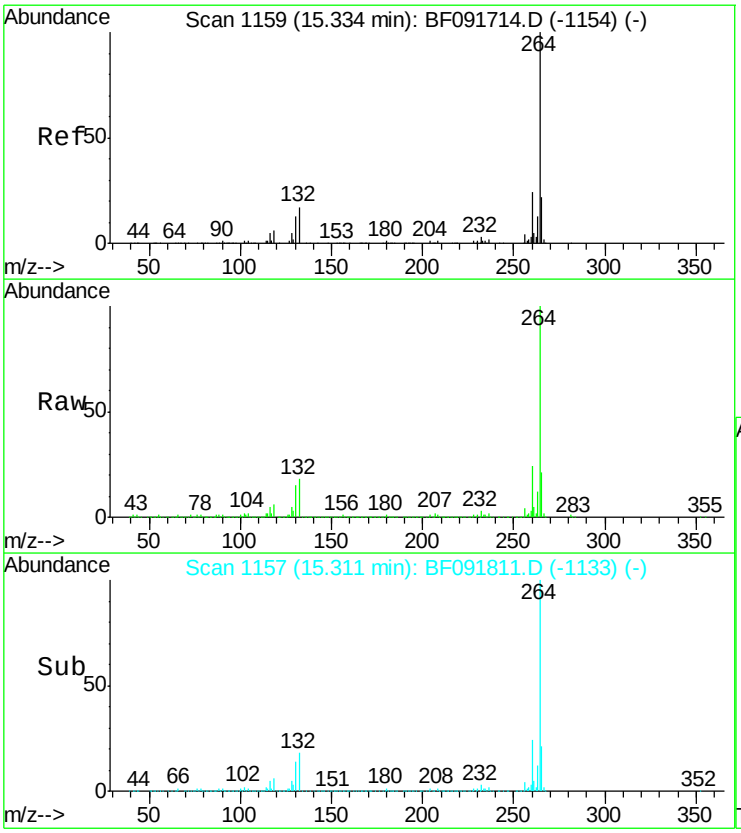
#78
Terphenyl-d14
Concen: 87.32 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tgt Ion:244 Resp: 2418956

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion:264 Resp: 574274

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.4	26.0