Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083793.D
Acq On : 15 Dec 2015 2:36
Operator : UM/IZ
Sample : G4779-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JAMAICA-FIELDBLANK2-121015

Quant Time: Dec 15 03:20:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110219	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	406213	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	215299	20.00	ng		-0.02
63) Phenanthrene-d10	11.41	188	376840	20.00	ng		-0.03
75) Chrysene-d12	14.04	240	323121	20.00	ng		-0.03
86) Perylene-d12	15.48	264	248258	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	438214	64.14	ng		-0.02
7) Phenol-d6	6.52	99	359192	41.52	ng		-0.02
23) Nitrobenzene-d5	7.46	82	610418	84.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	316825	144.41	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	1243295	84.43	ng		-0.02
78) Terphenyl-d14	13.00	244	1170751	77.94	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	16175	3.48	ng		97
19) n-Nitroso-di-n-propylamine	7.46	70	81722	15.43	ng	#	72
25) Isophorone	7.46	82	603060	42.33	ng	#	69
50) 2,6-Dinitrotoluene	9.94	165	27307	7.67	ng	#	17
56) 2,4-Dinitrotoluene	9.94	165	27309	5.87	ng	#	12
66) 4-Bromophenyl-phenylether	10.73	248	20400	4.84	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083793.D
Acq On : 15 Dec 2015 2:36
Operator : UM/IZ
Sample : G4779-08
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JAMAICA-FIELDBLANK2-121015

Quant Time: Dec 15 03:20:06 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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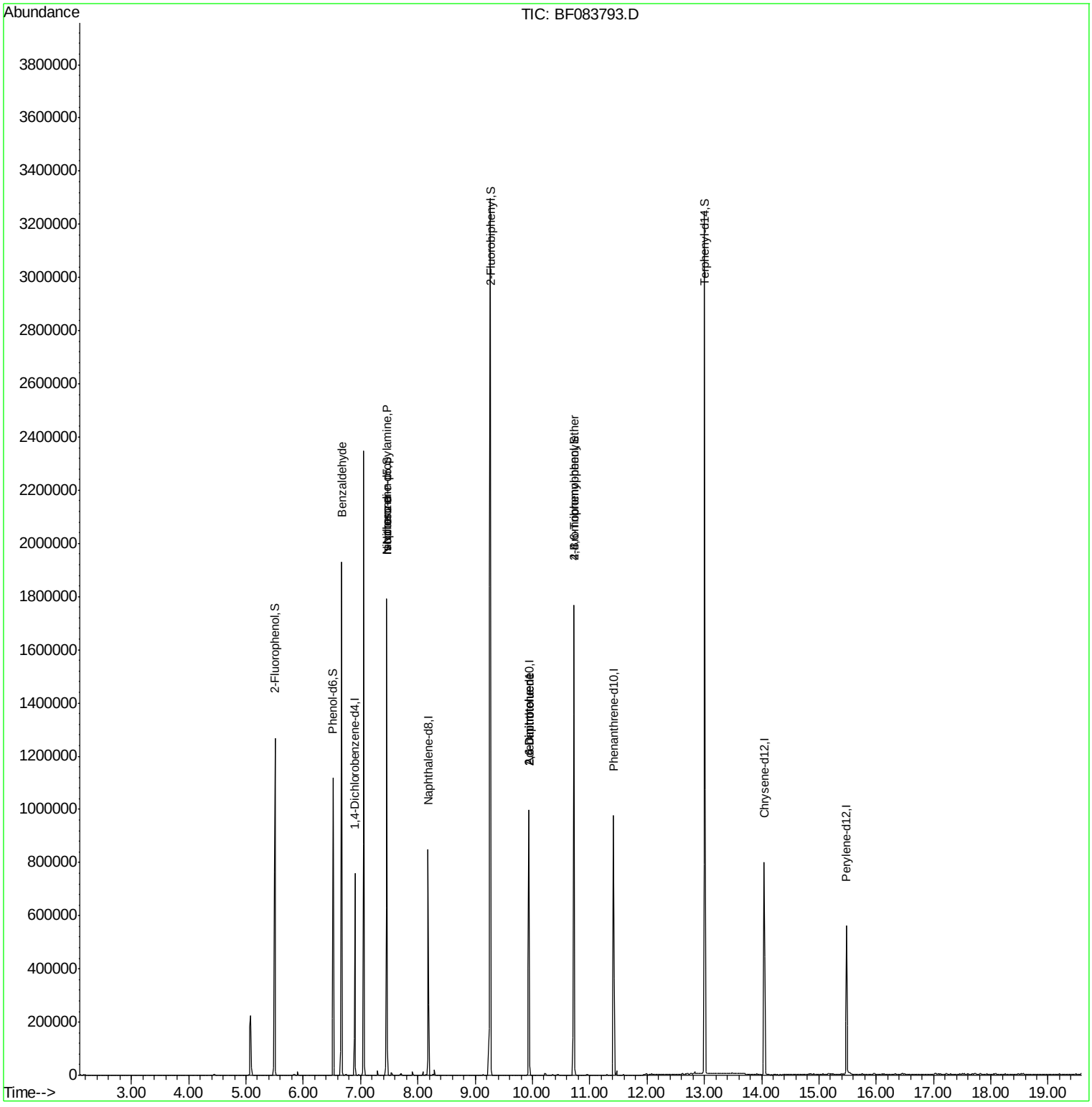
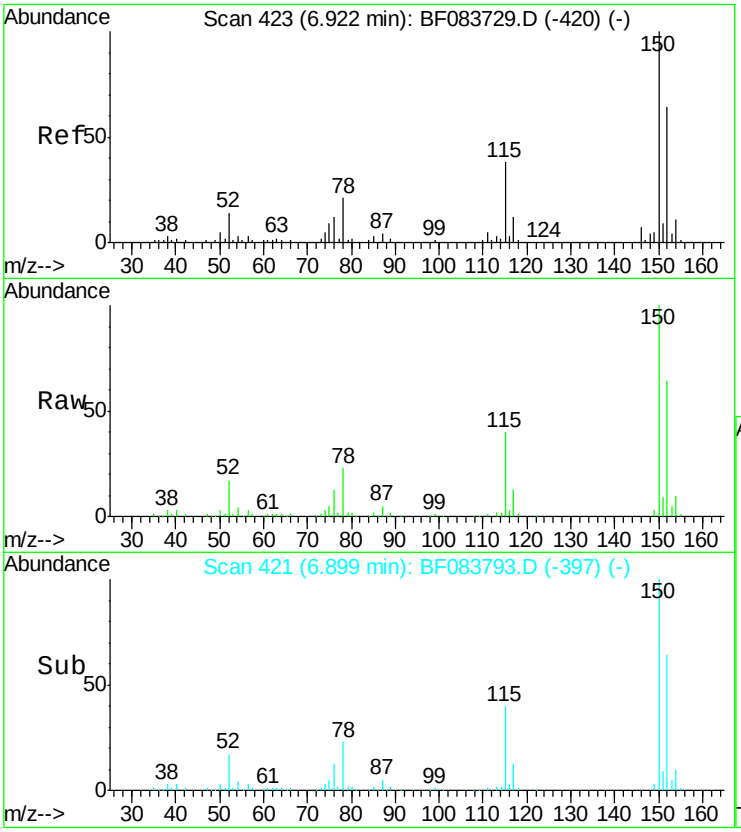


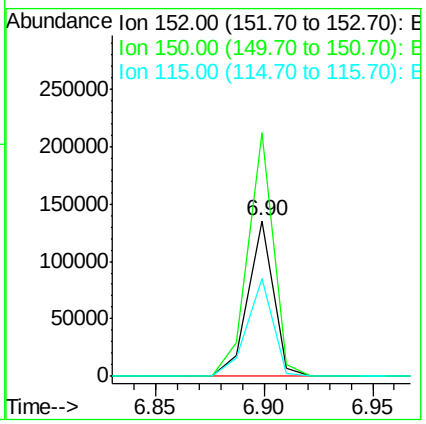


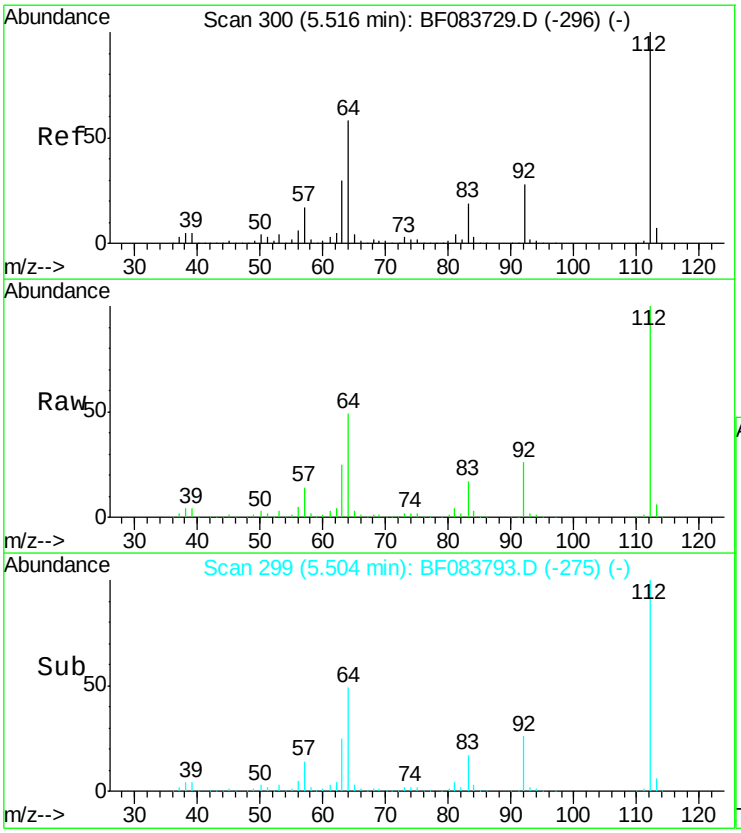
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK2-121015

Tgt Ion:152 Resp: 110219

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.5	189.7
115	62.5	52.3	78.5

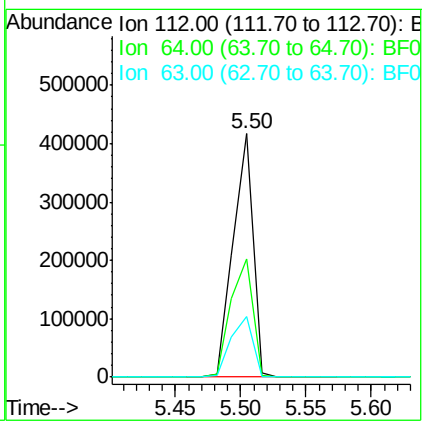


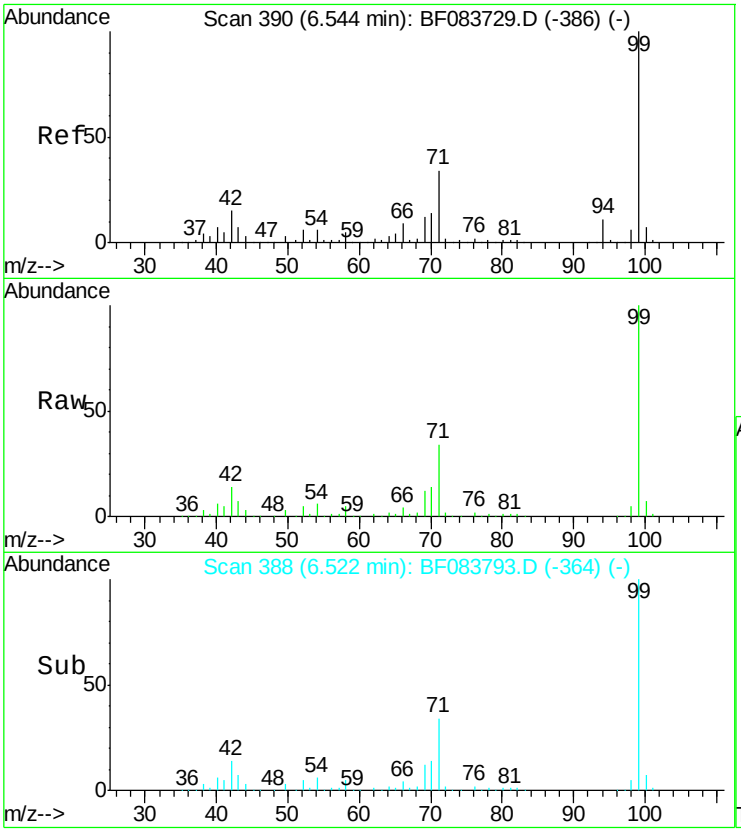


#5
2-Fluorophenol
Concen: 64.14 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion:112 Resp: 438214

Ion	Ratio	Lower	Upper
112	100		
64	48.6	50.5	75.7#
63	24.9	25.8	38.6#



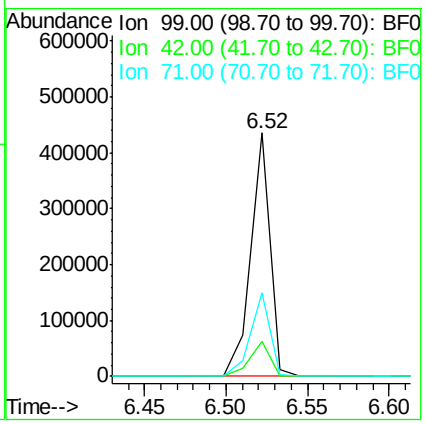


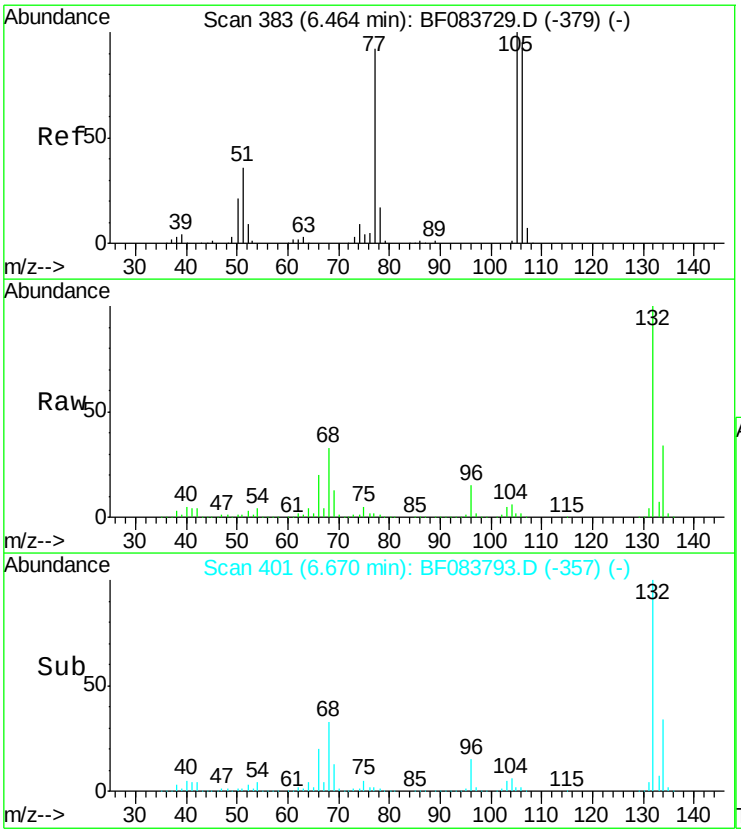
#7
Phenol-d6
Concen: 41.52 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK2-121015

Tgt Ion: 99 Resp: 359192

Ion	Ratio	Lower	Upper
99	100		
42	14.4	17.3	25.9#
71	34.1	26.6	40.0

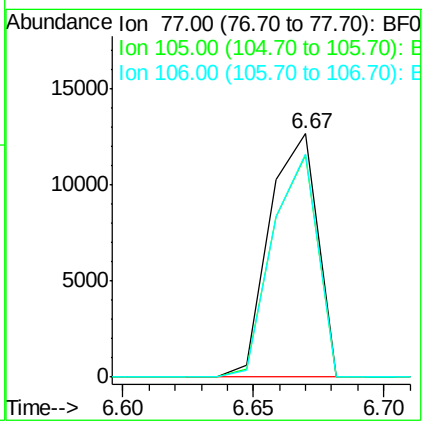


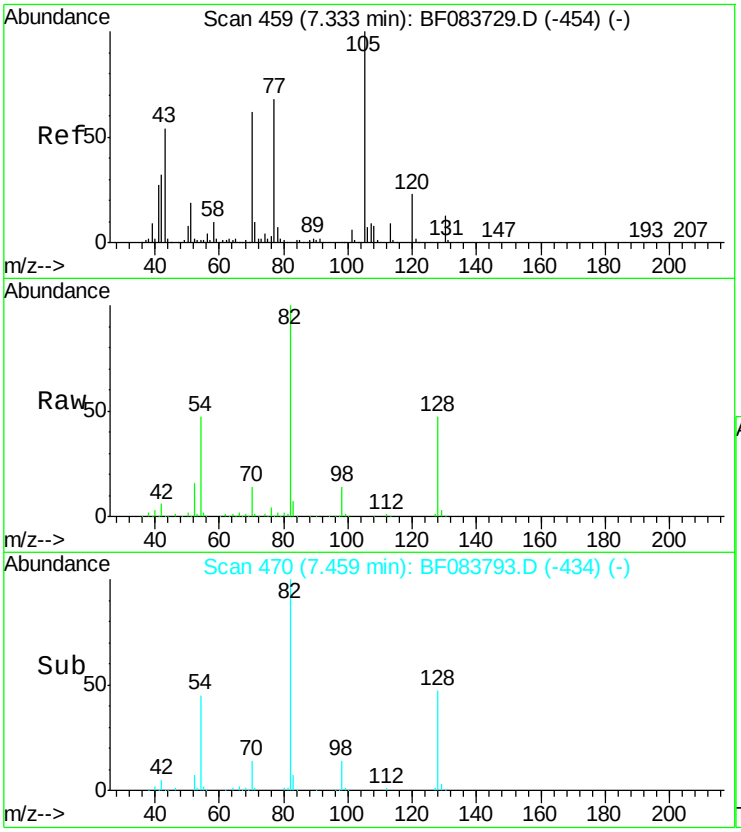


#9
Benzaldehyde
Concen: 3.48 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.21 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion: 77 Resp: 16175

Ion	Ratio	Lower	Upper
77	100		
105	91.1	71.8	111.8
106	91.9	66.8	106.8



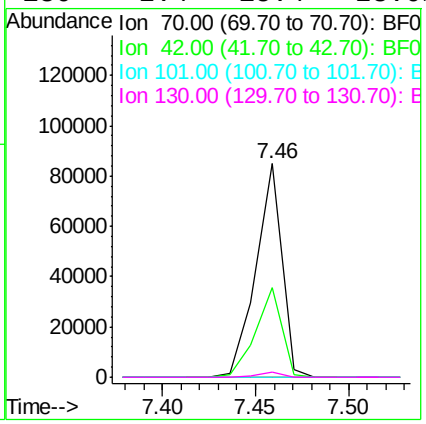


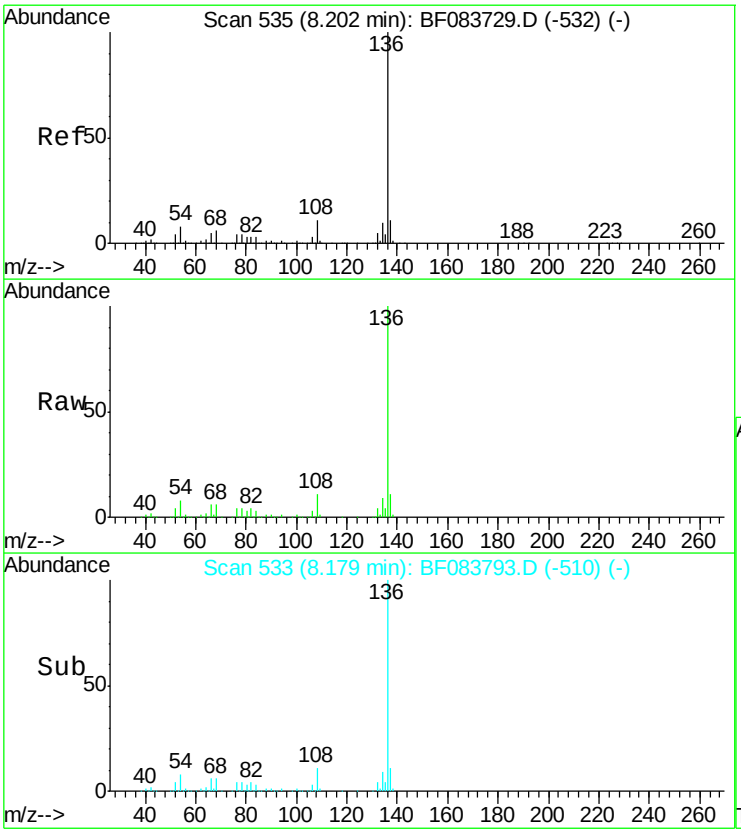
#19
n-Nitroso-di-n-propylamine
Concen: 15.43 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK2-121015

Tgt Ion: 70 Resp: 81722

Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.2	73.8#
101	0.0	7.1	10.7#
130	2.4	15.4	23.0#

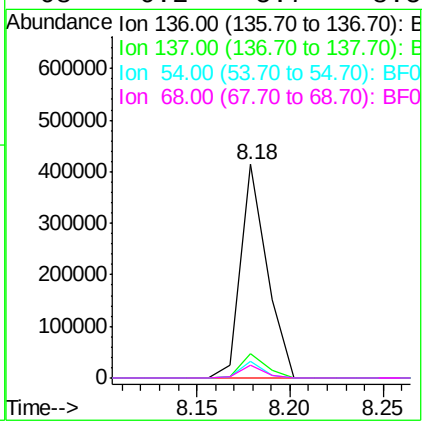


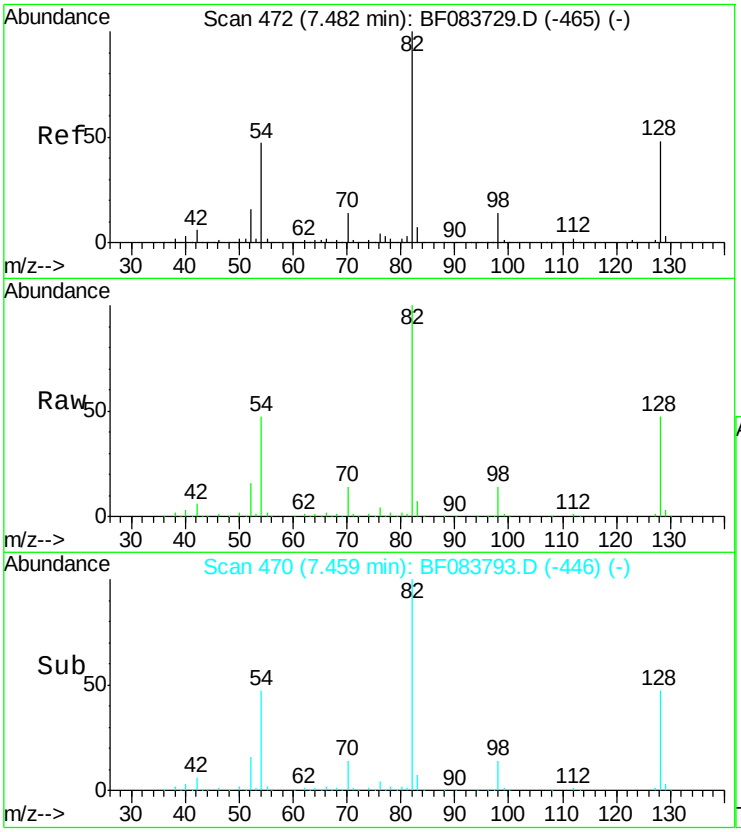


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion:136 Resp: 406213

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.1	7.8	11.6
68	6.2	5.7	8.5



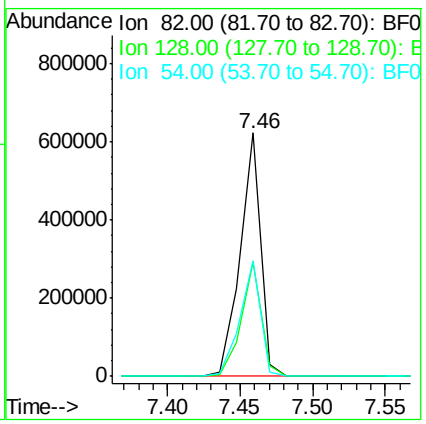


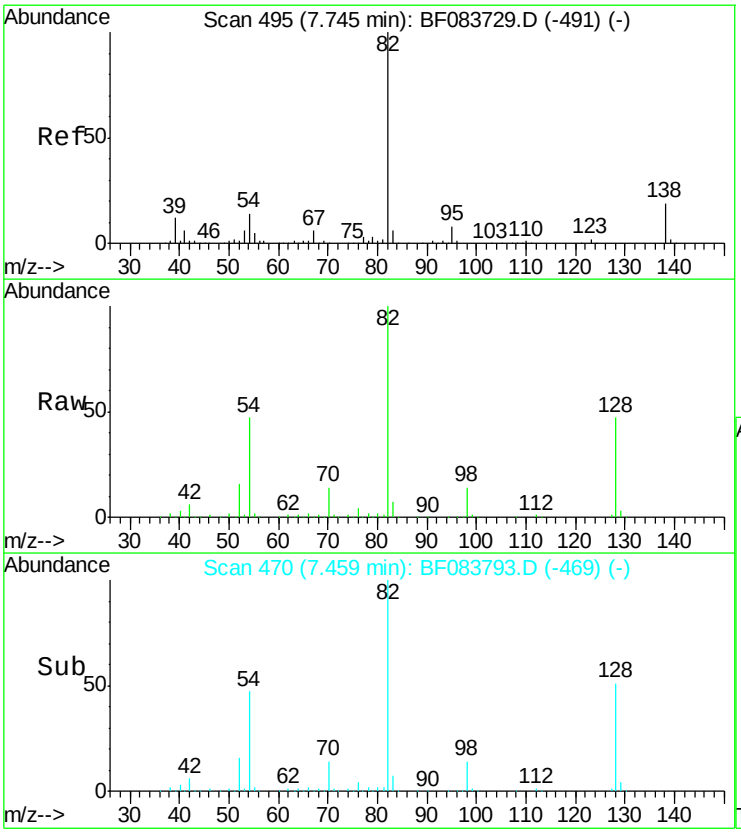
#23
Nitrobenzene-d5
Concen: 84.07 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK2-121015

Tgt Ion: 82 Resp: 610418

Ion	Ratio	Lower	Upper
82	100		
128	46.8	30.7	46.1#
54	47.4	42.5	63.7

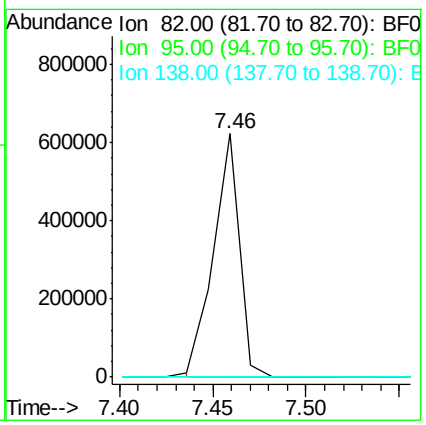


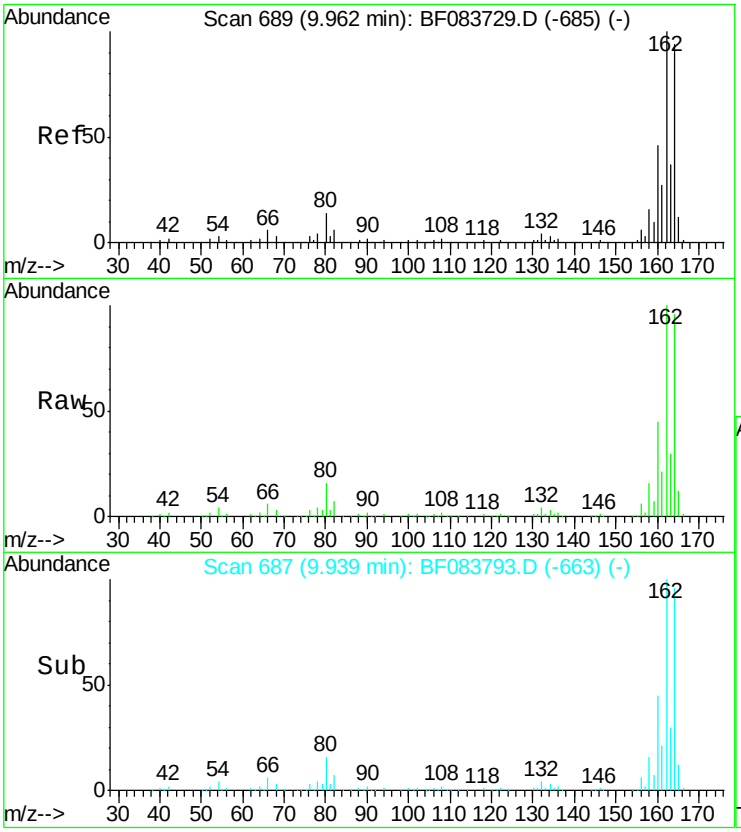


#25
Isophorone
Concen: 42.33 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.29 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion: 82 Resp: 603060

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#



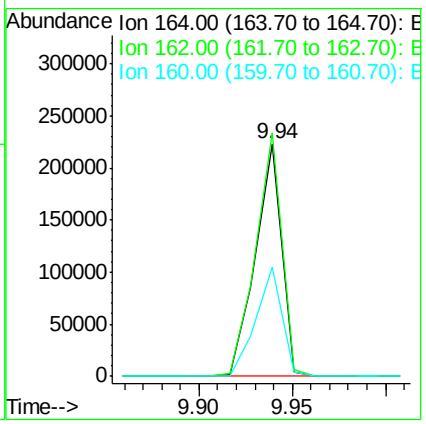


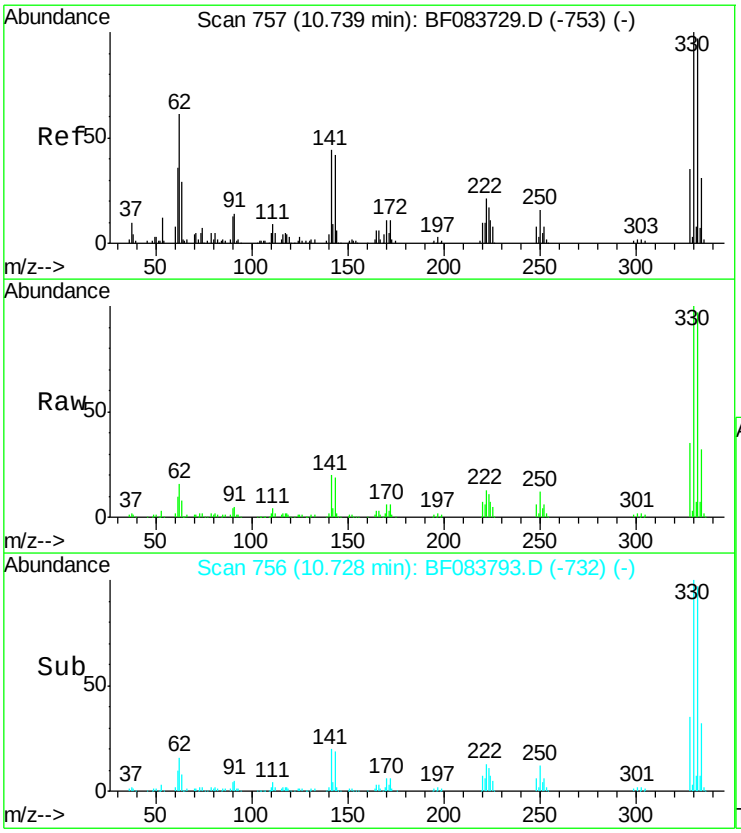
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK2-121015

Tgt Ion:164 Resp: 215299

Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	47.1	33.4	50.2

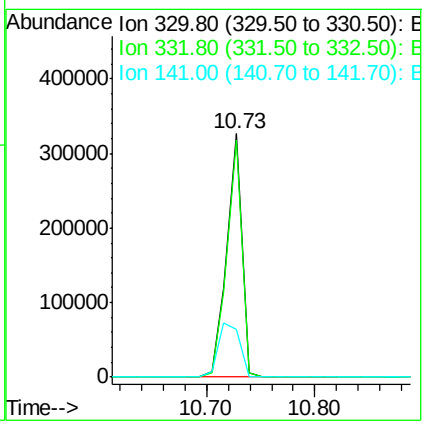


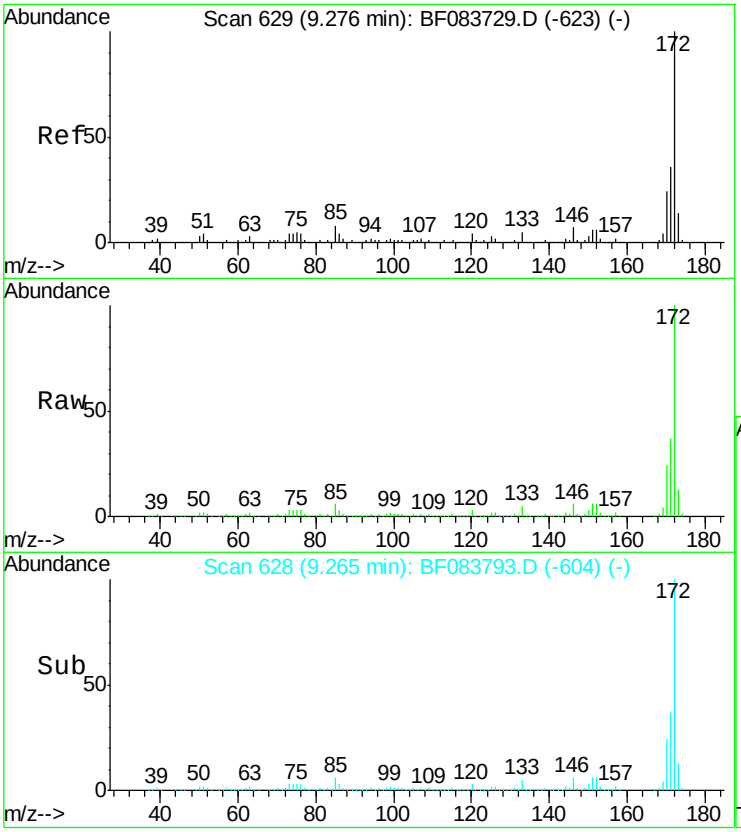


#41
2,4,6-Tribromophenol
Concen: 144.41 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion:330 Resp: 316825

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	31.8	0.0	0.0#



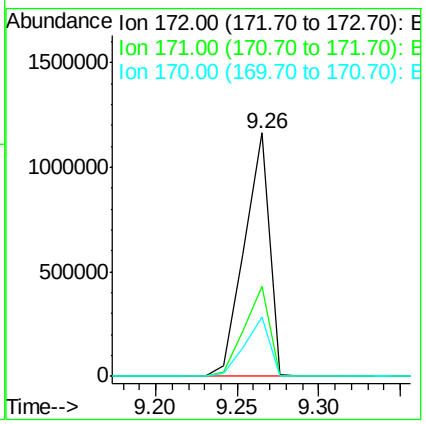


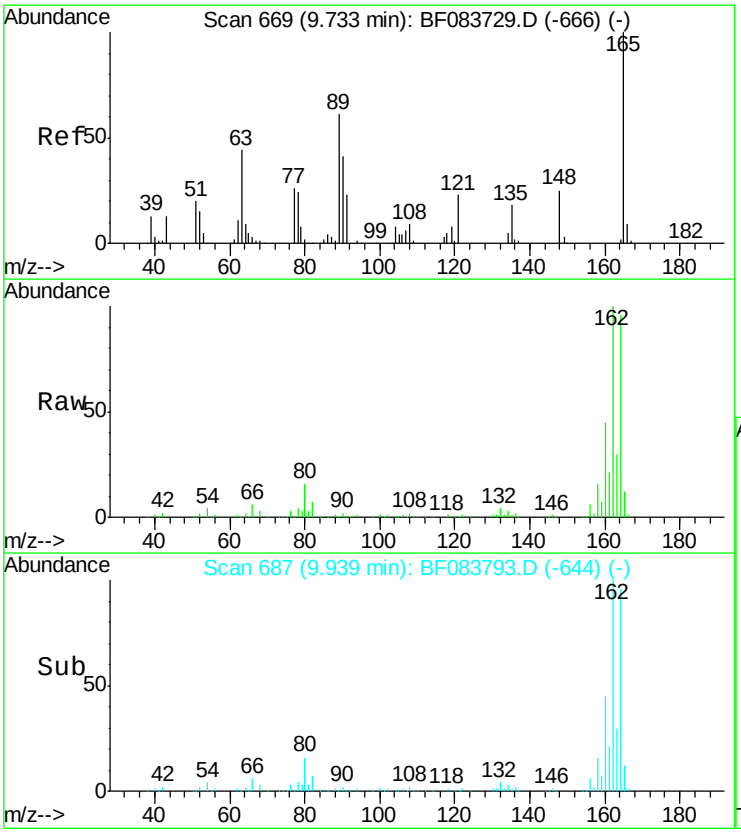
#44
2-Fluorobiphenyl
Concen: 84.43 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK2-121015

Tgt Ion:172 Resp: 1243295

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.4	19.4	29.0

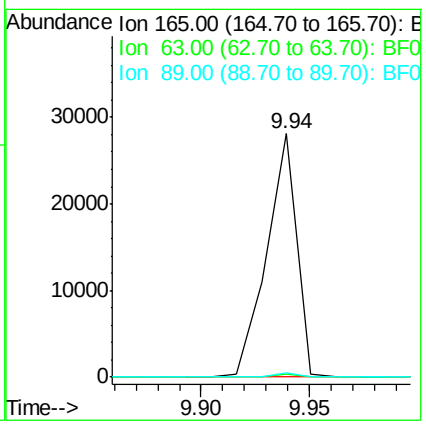


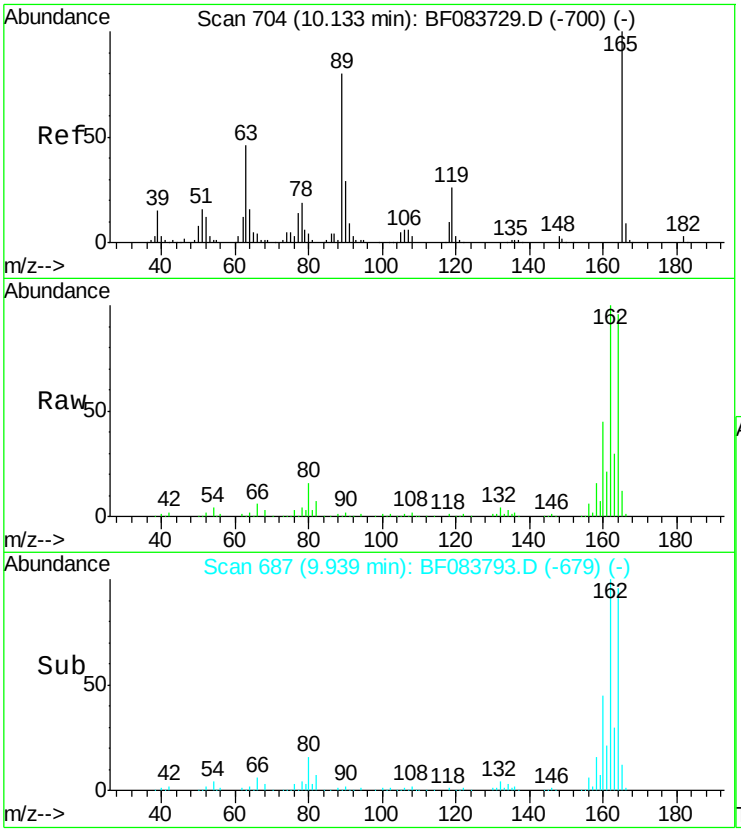


#50
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.20 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion:165 Resp: 27307

Ion	Ratio	Lower	Upper
165	100		
63	1.2	56.9	85.3#
89	1.5	52.1	78.1#



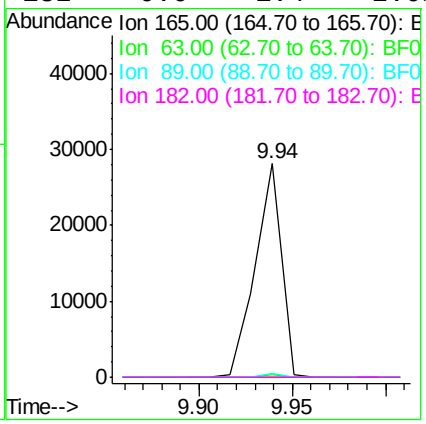


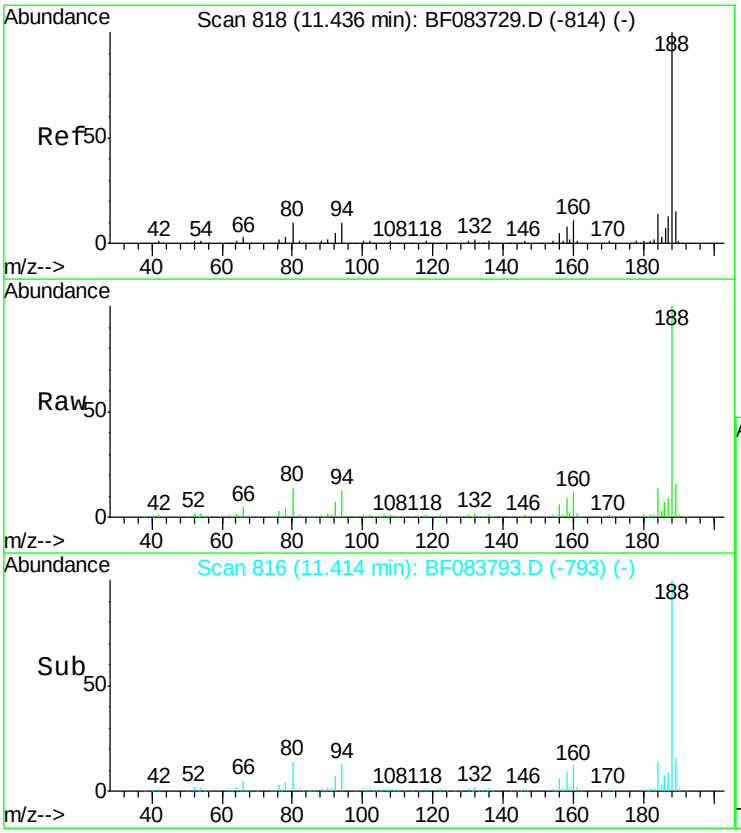
#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.20 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK2-121015

Tgt Ion:165 Resp: 27309

Ion	Ratio	Lower	Upper
165	100		
63	1.2	51.4	77.2#
89	1.5	72.6	108.8#
182	0.0	1.4	2.0#

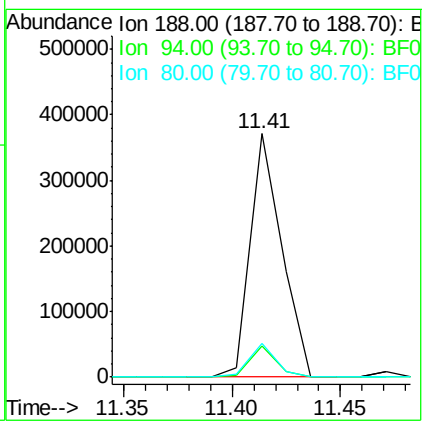


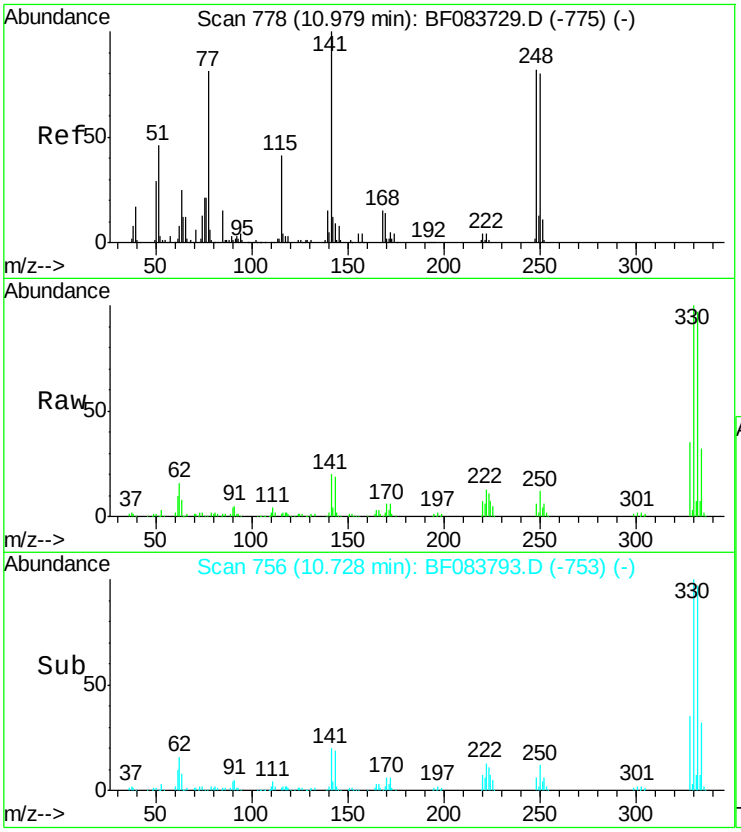


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion:188 Resp: 376840

Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.4	14.2
80	14.0	10.6	16.0



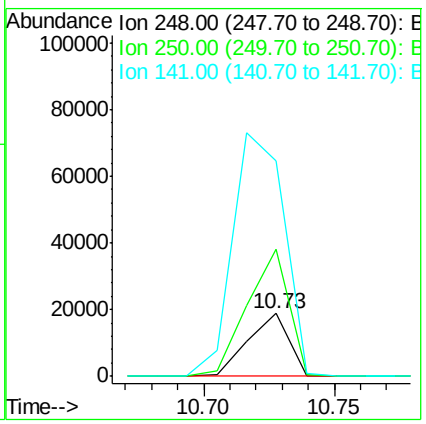


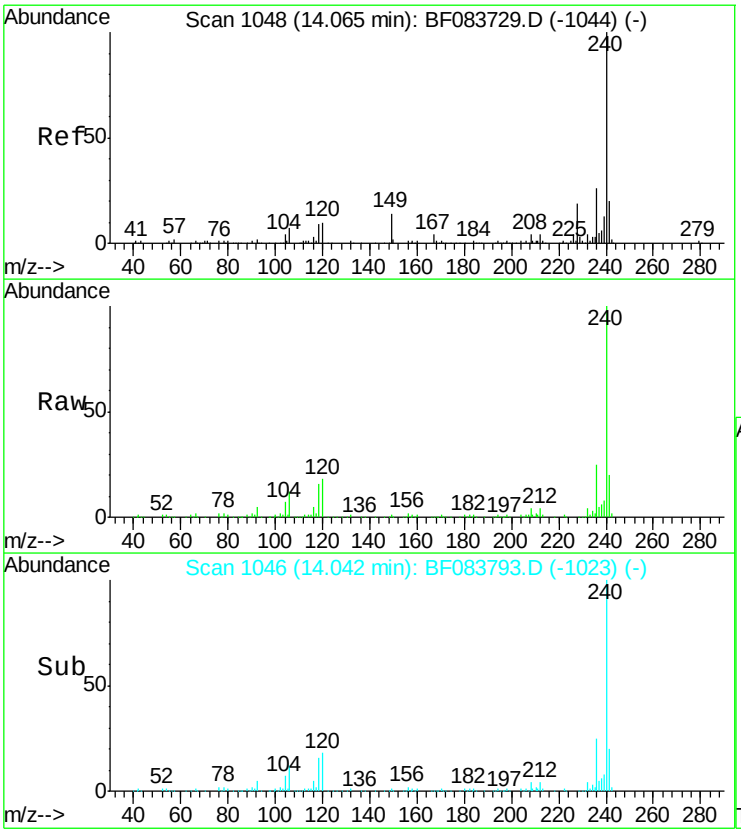
#66
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.26 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK2-121015

Tgt Ion:248 Resp: 20400

Ion	Ratio	Lower	Upper
248	100		
250	202.3	79.2	118.8#
141	344.1	58.2	87.4#

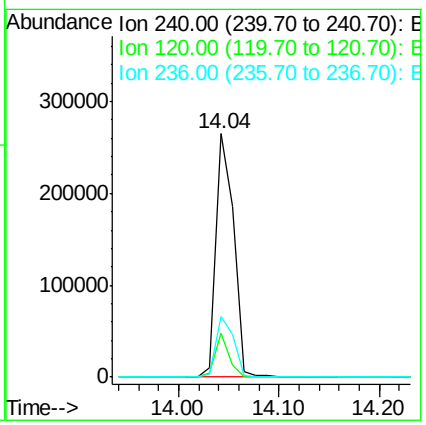


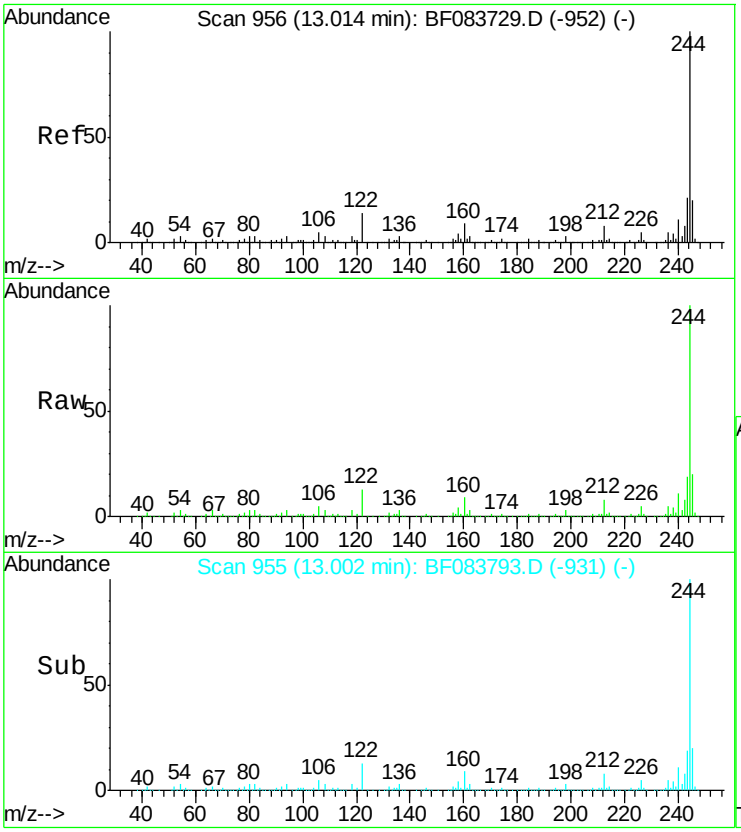


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion:240 Resp: 323121

Ion	Ratio	Lower	Upper
240	100		
120	17.8	8.1	12.1#
236	24.9	20.8	31.2



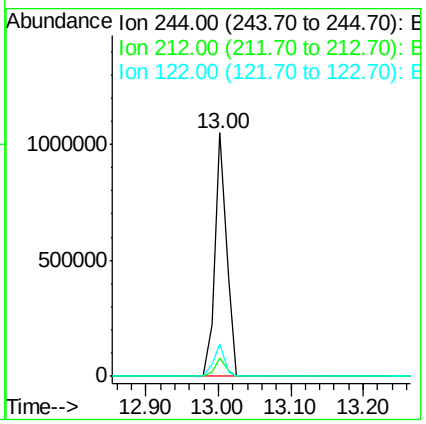


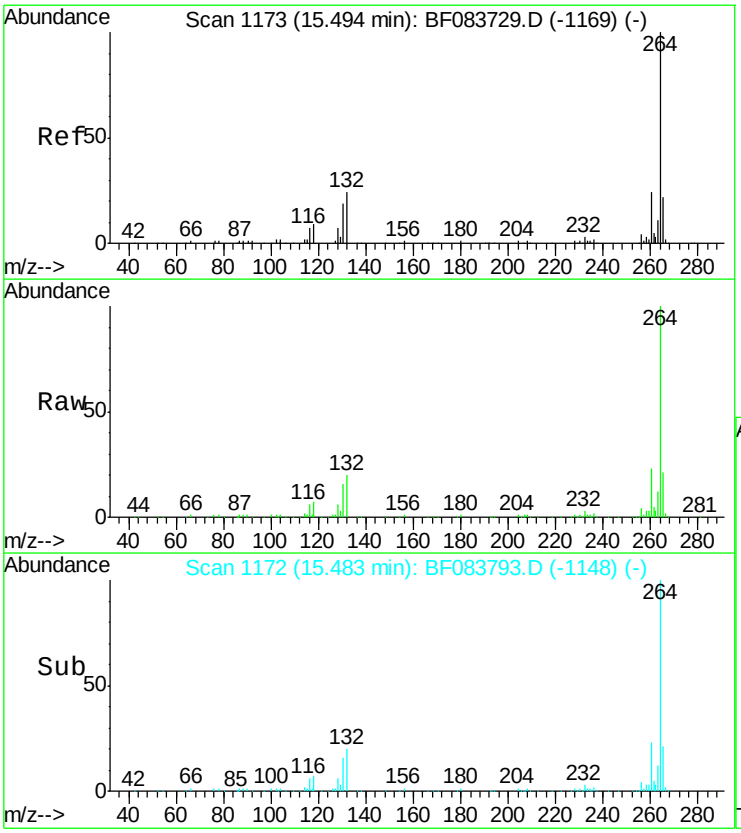
#78
Terphenyl-d14
Concen: 77.94 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Instrument :
BNA_F
ClientSampleId :
JAMAICA-FIELDBLANK2-121015

Tgt Ion:244 Resp: 1170751

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.2	11.0	16.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083793.D
Acq: 15 Dec 2015 2:36

Tgt Ion:264 Resp: 248258

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.4	17.8	26.6