Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082790.D
Acq On : 7 Nov 2015 5:13
Operator : UM/IZ
Sample : G4258-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-WP11-6(0-2)

Quant Time: Nov 07 05:51:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	238592	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	942311	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	429968	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	847154	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	736629	20.00	ng		-0.02
86) Perylene-d12	15.43	264	597535	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1384202	90.27	ng		0.00
7) Phenol-d6	6.48	99	1792725	87.94	ng		0.00
23) Nitrobenzene-d5	7.41	82	1344517	62.08	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	368956	74.84	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1723901	57.46	ng		-0.01
78) Terphenyl-d14	12.96	244	1508833	48.58	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	36070	3.20	ng		84
19) n-Nitroso-di-n-propylamine	7.41	70	175108	11.69	ng	#	62
25) Isophorone	7.41	82	1261204	31.48	ng	#	69
49) Dimethylphthalate	9.61	163	645774	18.33	ng		98
56) 2,4-Dinitrotoluene	9.88	165	53388	5.24	ng	#	15
66) 4-Bromophenyl-phenylether	10.67	248	25248	2.48	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082790.D
Acq On : 7 Nov 2015 5:13
Operator : UM/IZ
Sample : G4258-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

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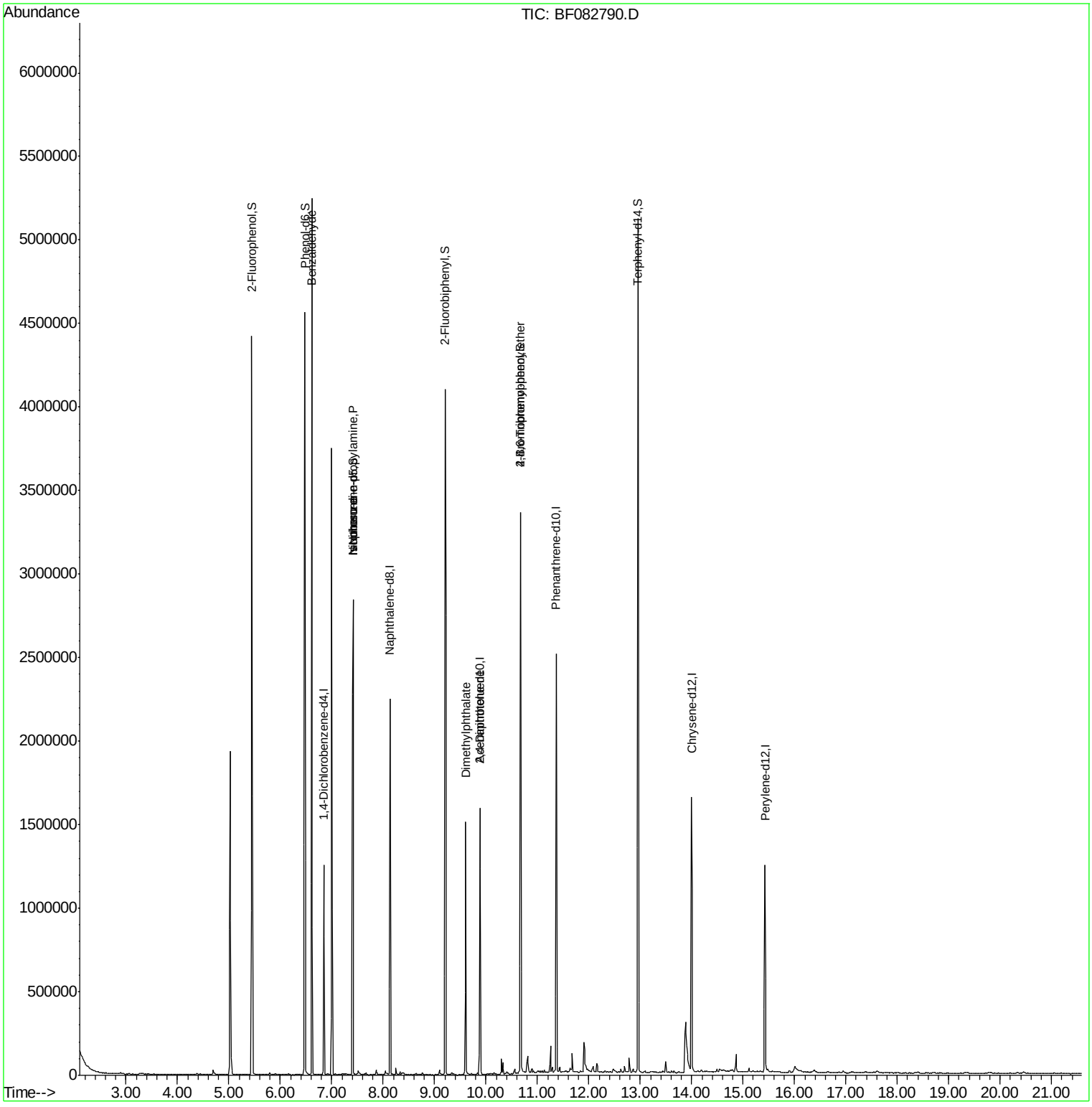
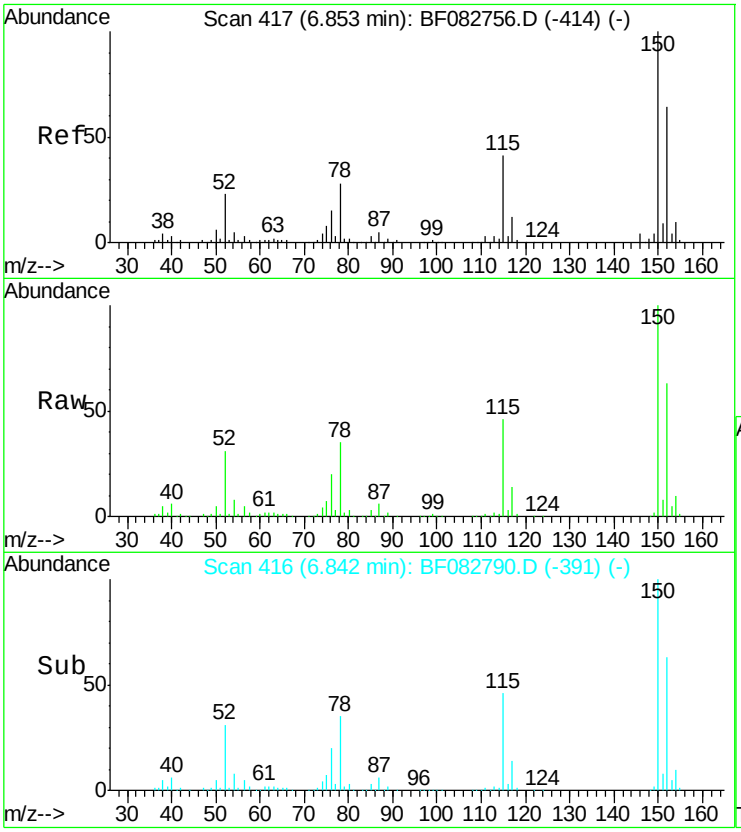


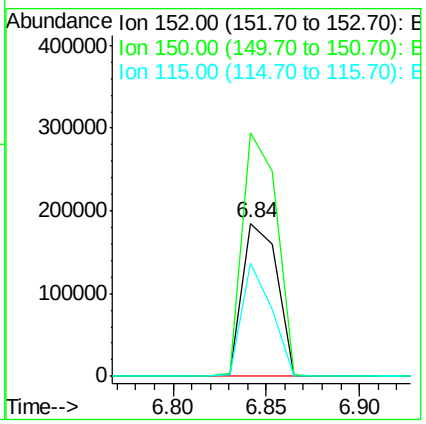


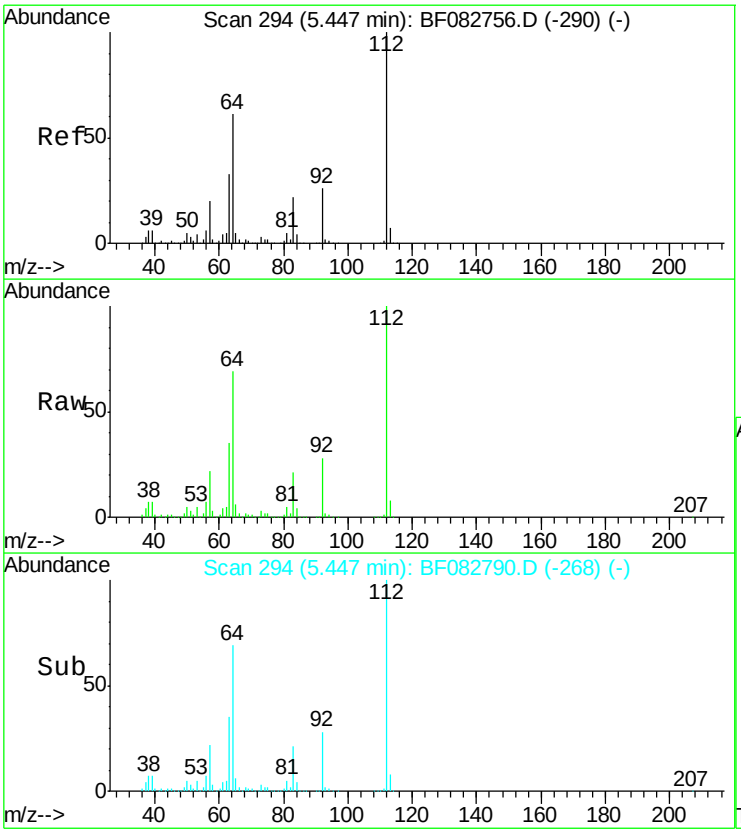
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

Tgt Ion:152 Resp: 238592

Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.0	190.4
115	73.9	47.0	70.6#

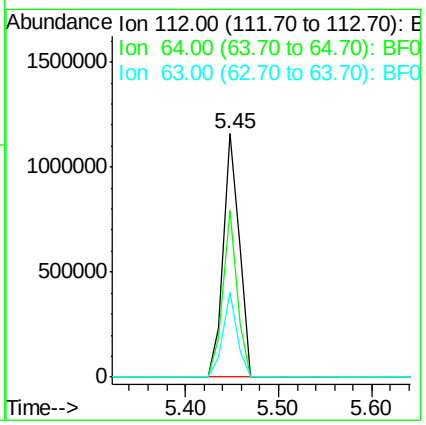


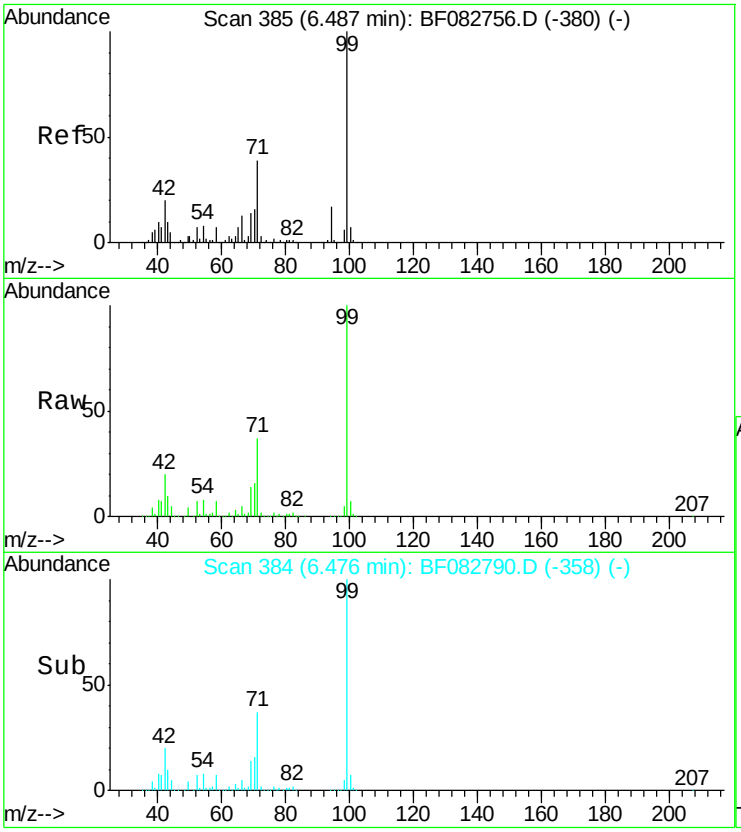


#5
2-Fluorophenol
Concen: 90.27 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Tgt Ion:112 Resp: 1384202

Ion	Ratio	Lower	Upper
112	100		
64	68.8	48.9	73.3
63	35.0	28.1	42.1



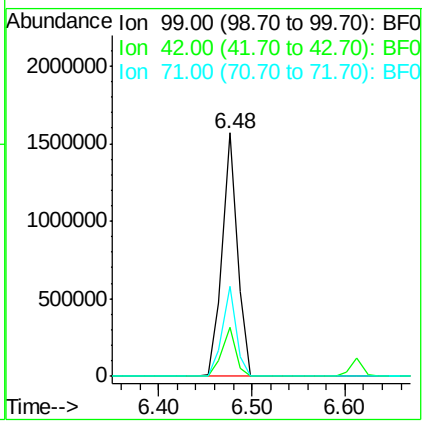


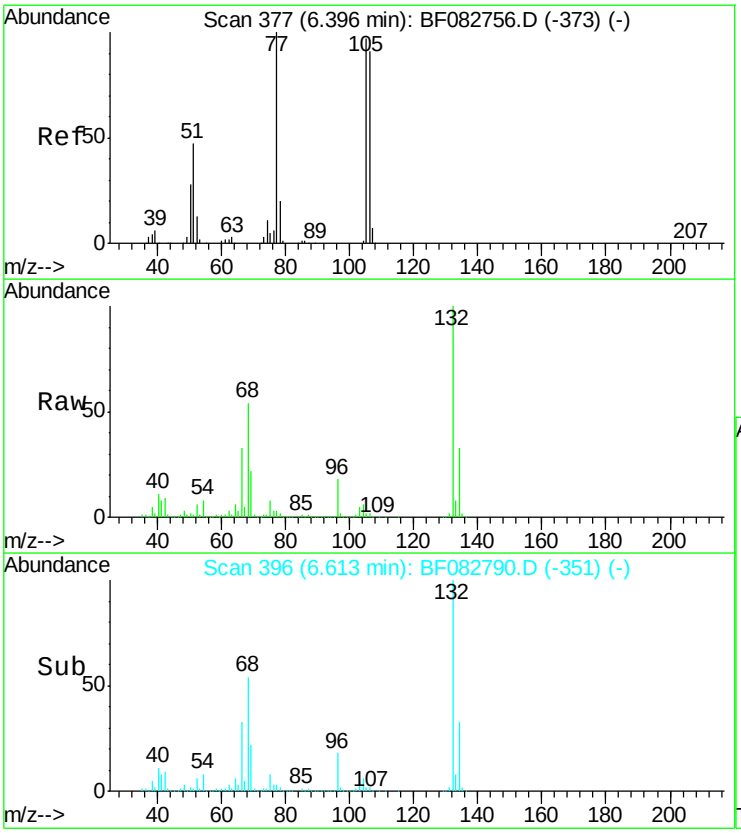
#7
Phenol-d6
Concen: 87.94 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

Tgt Ion: 99 Resp: 1792725

Ion	Ratio	Lower	Upper
99	100		
42	20.2	19.2	28.8
71	37.0	35.0	52.4

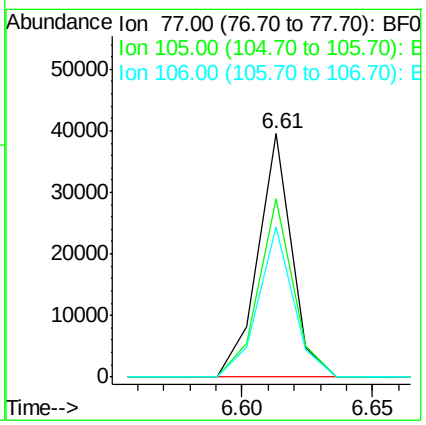


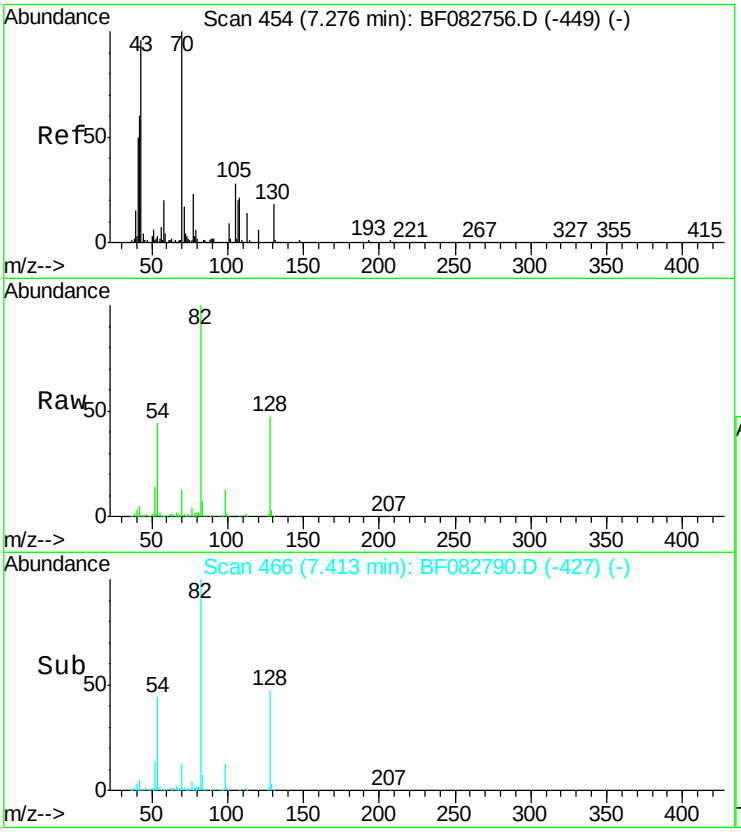


#9
Benzaldehyde
Concen: 3.20 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.22 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Tgt Ion: 77 Resp: 36070

Ion	Ratio	Lower	Upper
77	100		
105	73.3	63.5	103.5
106	61.5	59.3	99.3



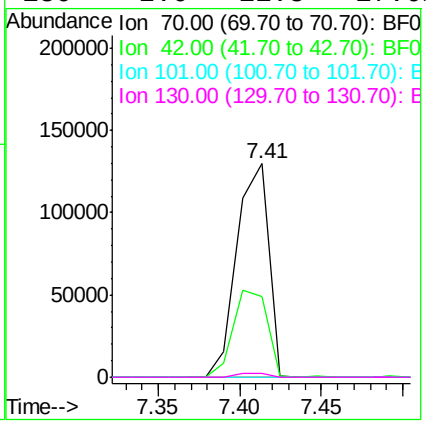


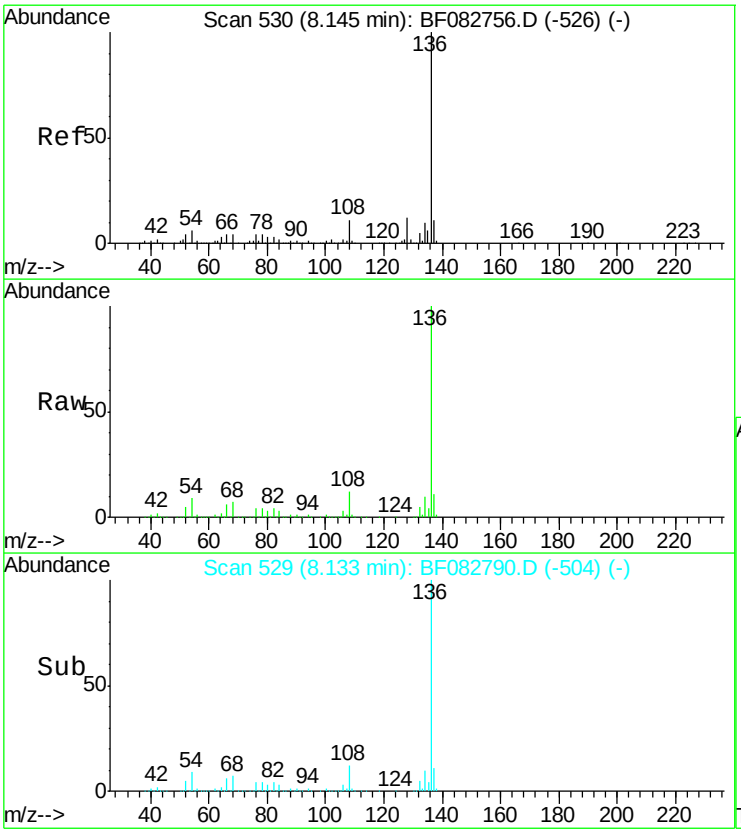
#19
n-Nitroso-di-n-propylamine
Concen: 11.69 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

Tgt Ion: 70 Resp: 175108

Ion	Ratio	Lower	Upper
70	100		
42	37.9	57.7	86.5#
101	0.0	7.0	10.6#
130	2.0	11.8	17.6#

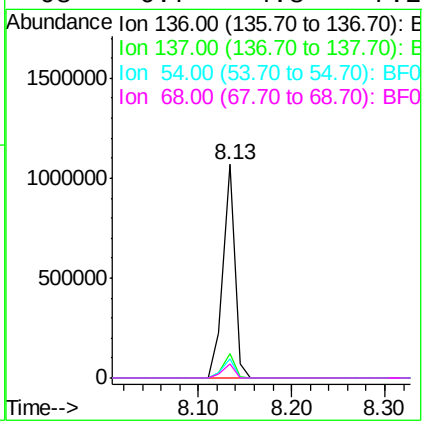


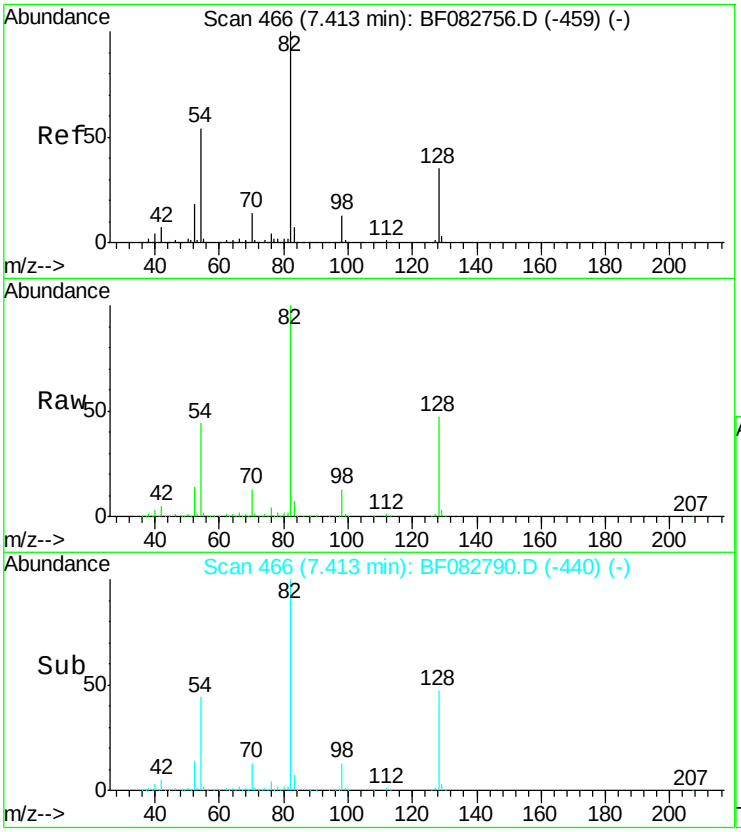


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Tgt Ion:136 Resp: 942311

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.0	9.1	13.7#
68	6.7	4.8	7.2



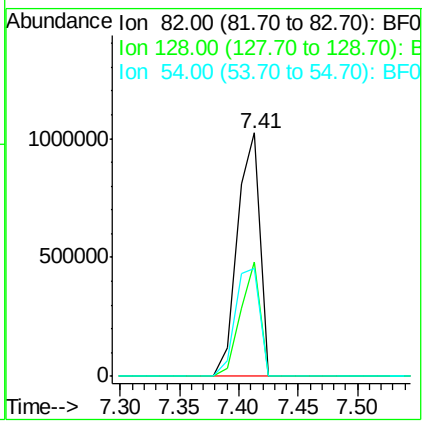


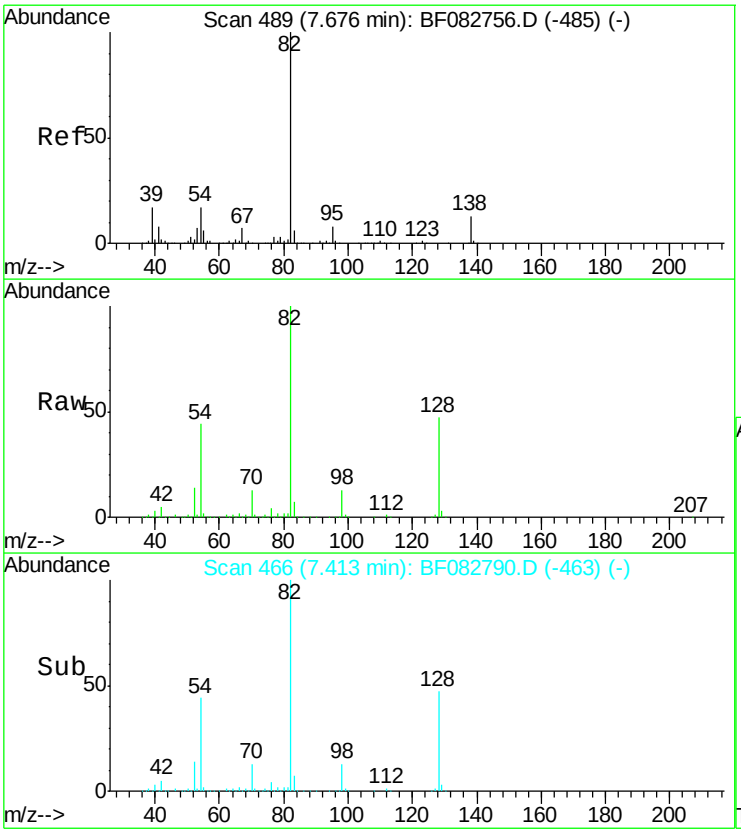
#23
Nitrobenzene-d5
Concen: 62.08 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

Tgt Ion: 82 Resp: 1344517

Ion	Ratio	Lower	Upper
82	100		
128	46.7	26.8	40.2#
54	44.2	45.7	68.5#

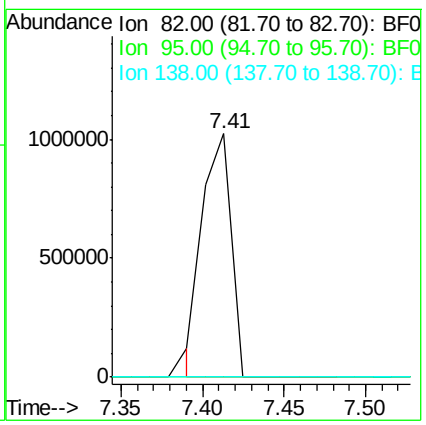


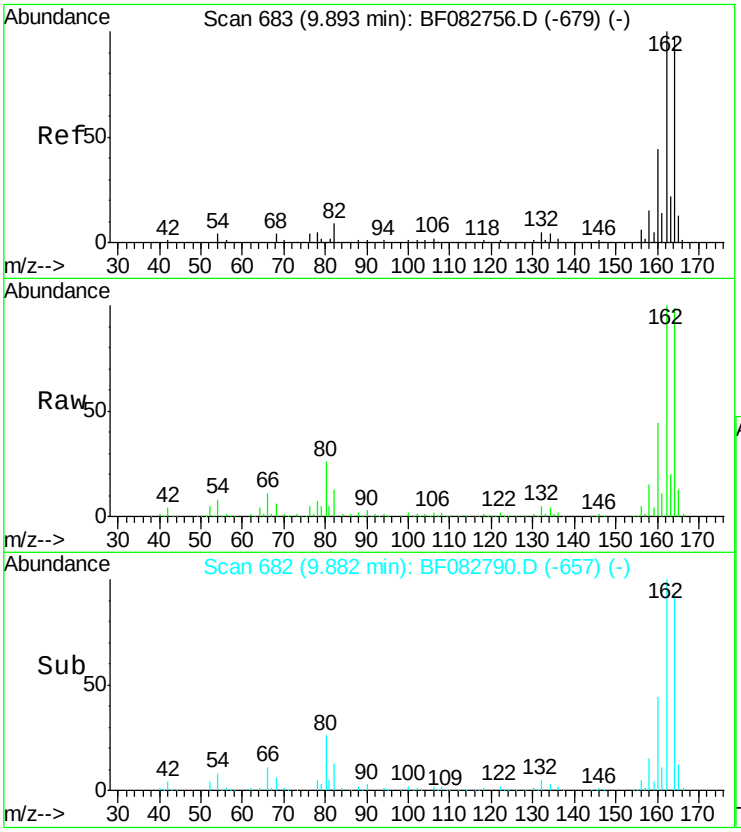


#25
Isophorone
Concen: 31.48 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.26 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Tgt Ion: 82 Resp: 1261204

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#



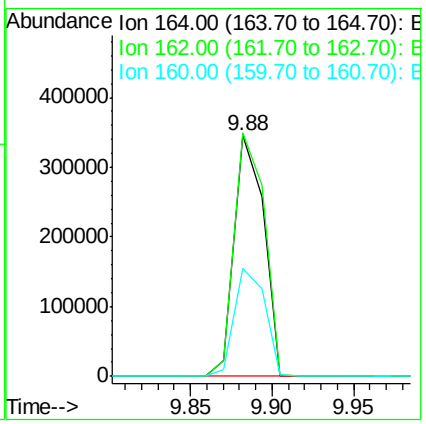


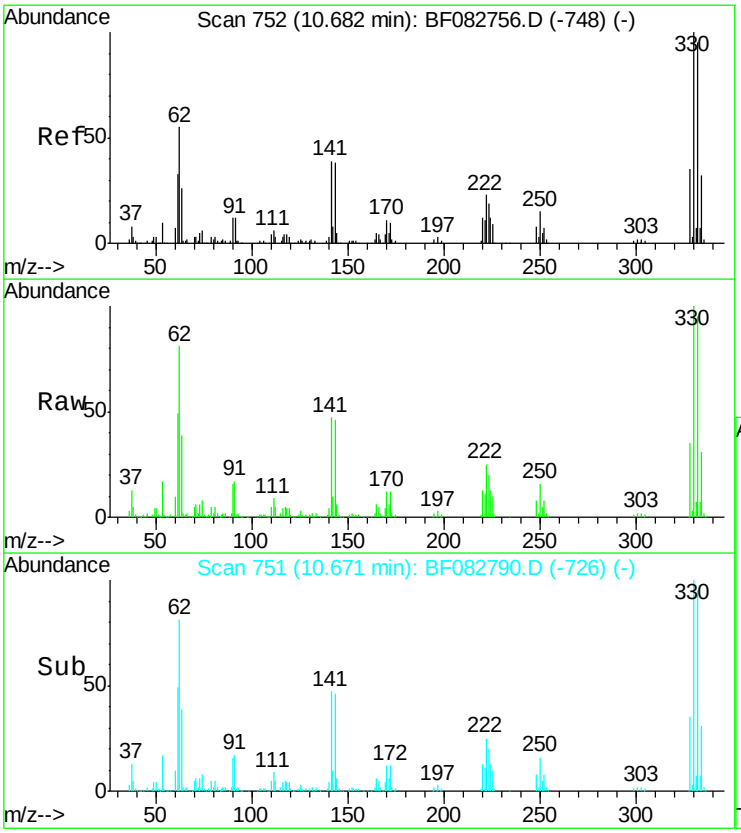
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

Tgt Ion:164 Resp: 429968

Ion	Ratio	Lower	Upper
164	100		
162	101.1	84.9	127.3
160	44.6	37.5	56.3

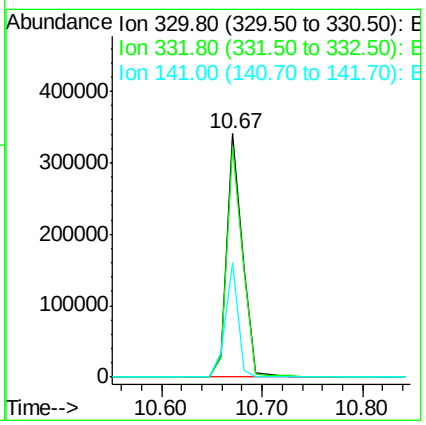


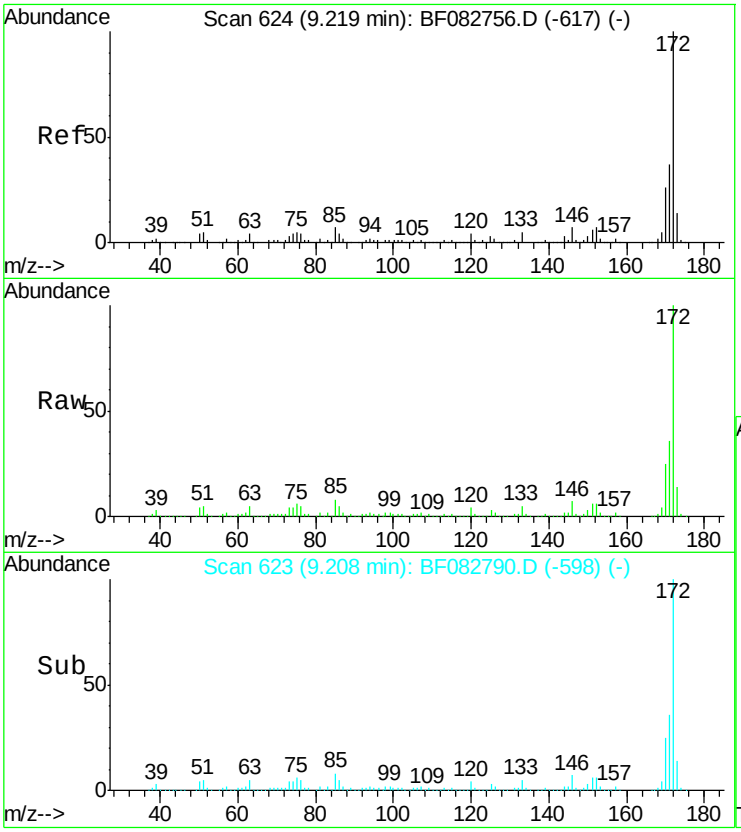


#41
2,4,6-Tribromophenol
Concen: 74.84 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Tgt Ion:330 Resp: 368956

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	39.0	41.2	61.8#



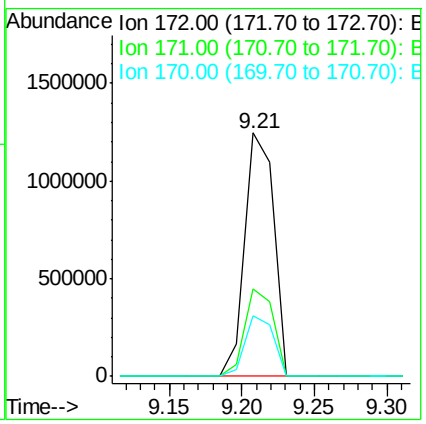


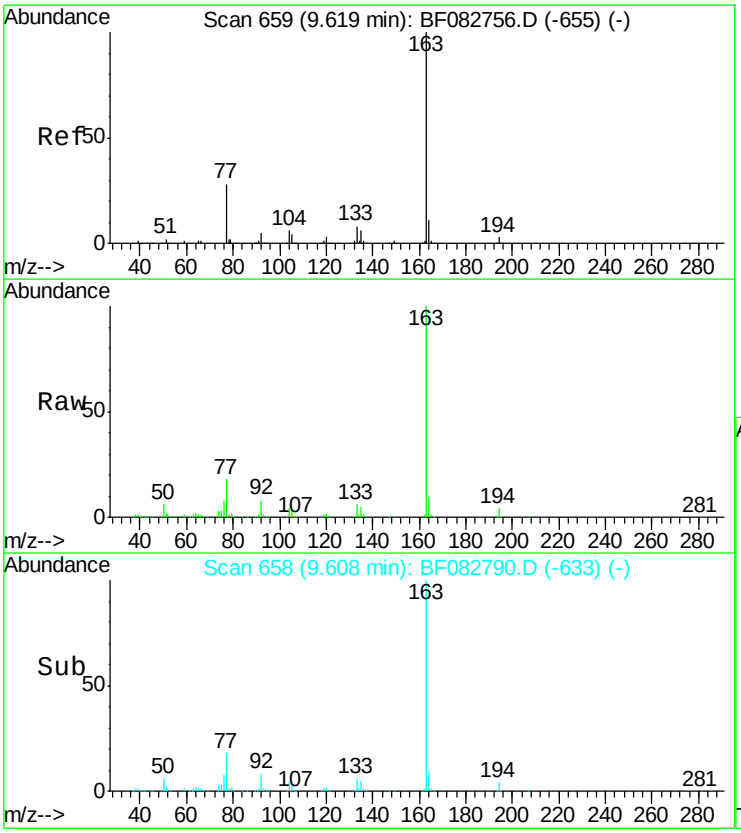
#44
2-Fluorobiphenyl
Concen: 57.46 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

Tgt Ion:172 Resp: 1723901

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.8	46.2
170	25.0	21.2	31.8

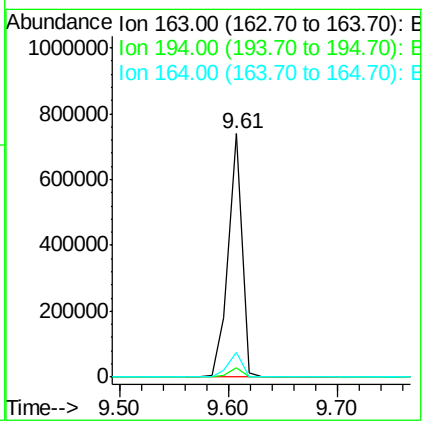


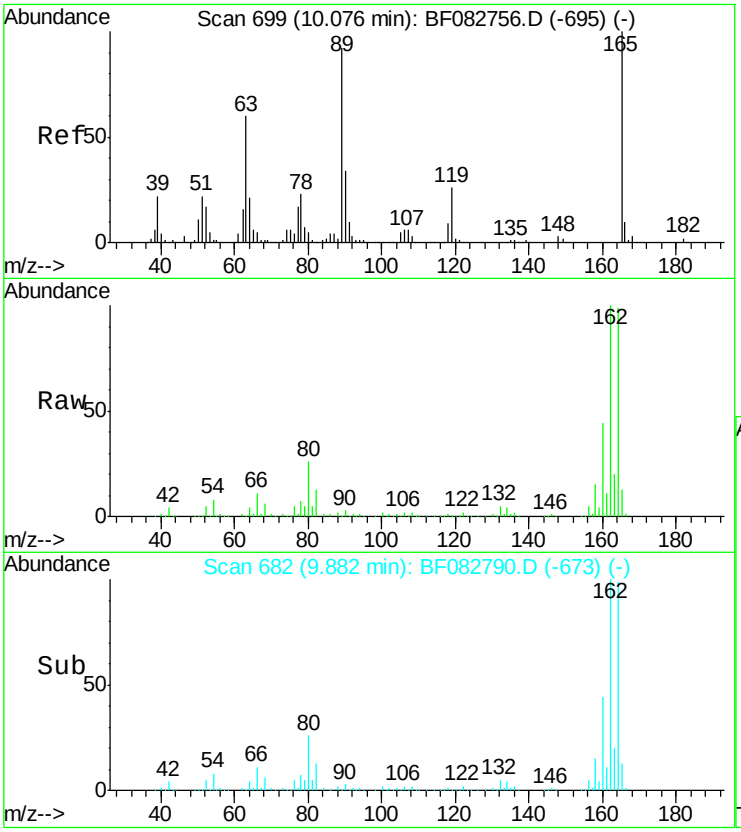


#49
Dimethylphthalate
Concen: 18.33 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Tgt Ion:163 Resp: 645774

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.1	8.7	13.1



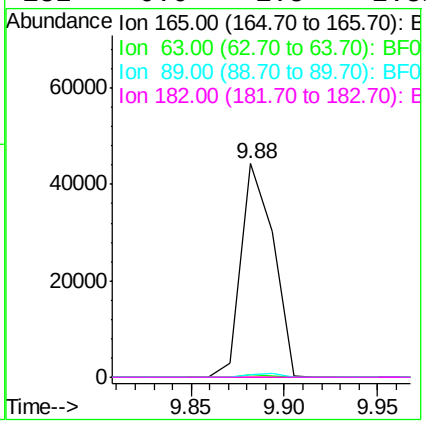


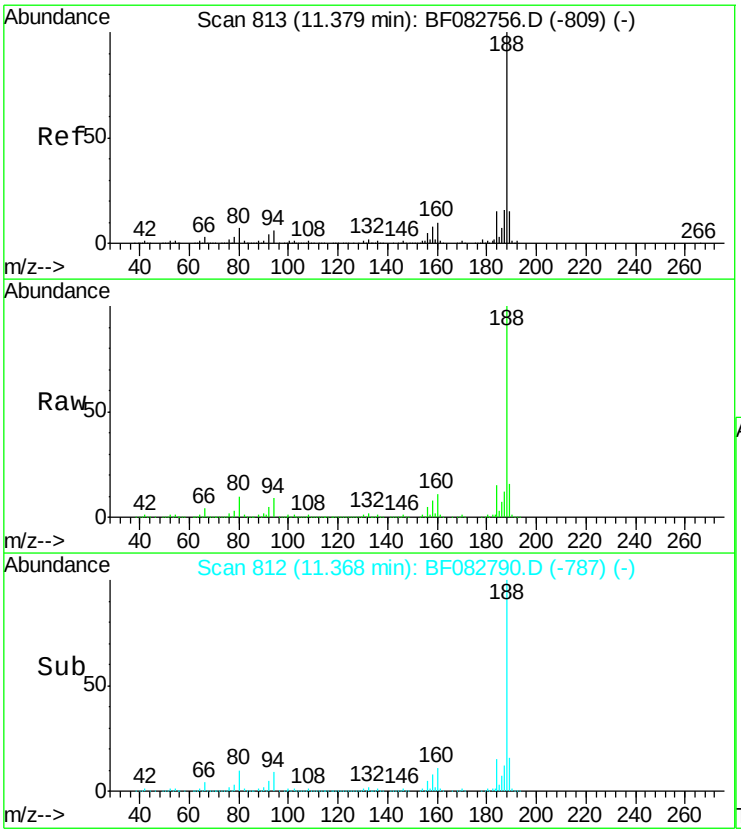
#56
2,4-Dinitrotoluene
Concen: 5.24 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

Tgt Ion:165 Resp: 53388

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#

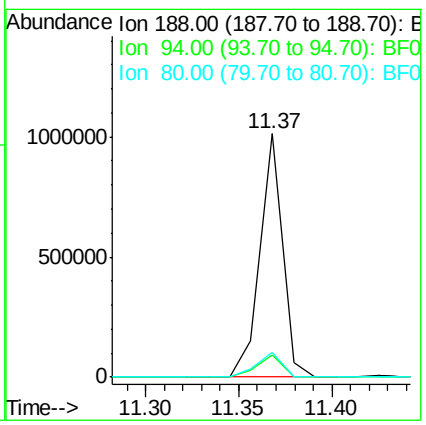


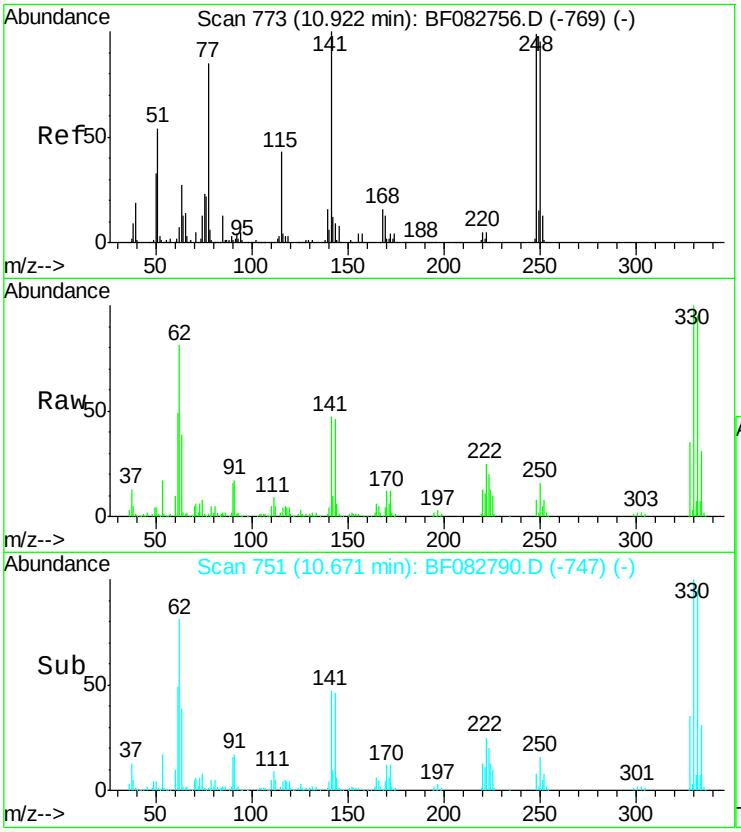


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Tgt Ion:188 Resp: 847154

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.1	9.1#
80	10.0	7.0	10.6



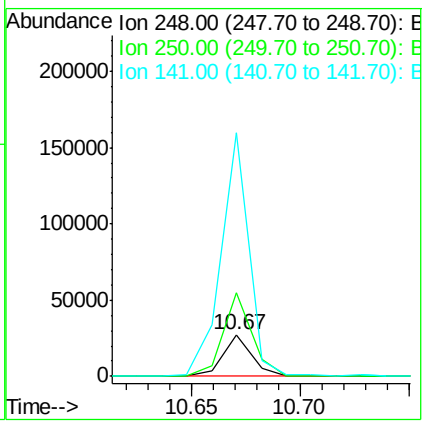


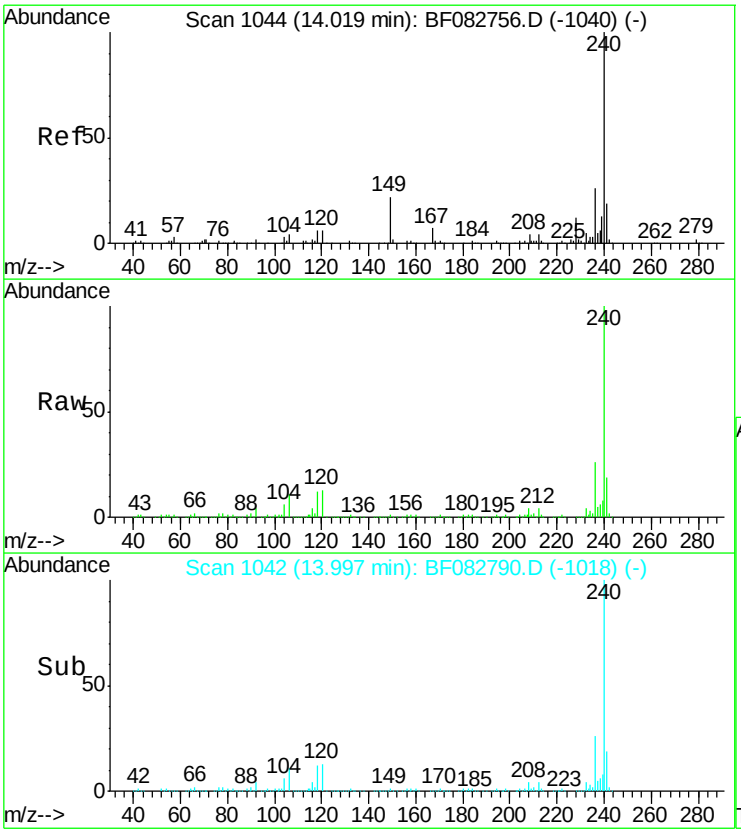
#66
4-Bromophenyl-phenylether
Concen: 2.48 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

Tgt Ion:248 Resp: 25248

Ion	Ratio	Lower	Upper
248	100		
250	201.0	79.4	119.2#
141	581.6	36.3	54.5#

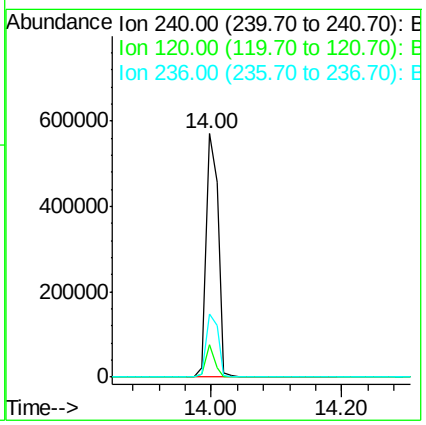


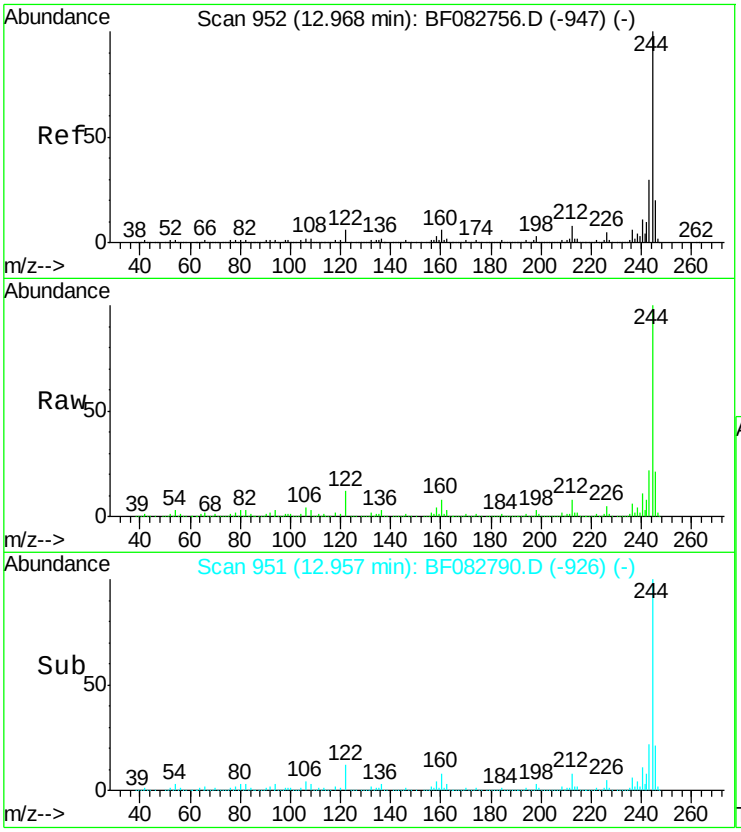


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Tgt Ion:240 Resp: 736629

Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.9	16.3
236	26.0	21.6	32.4



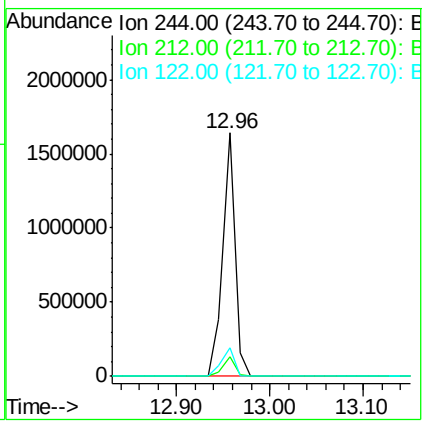


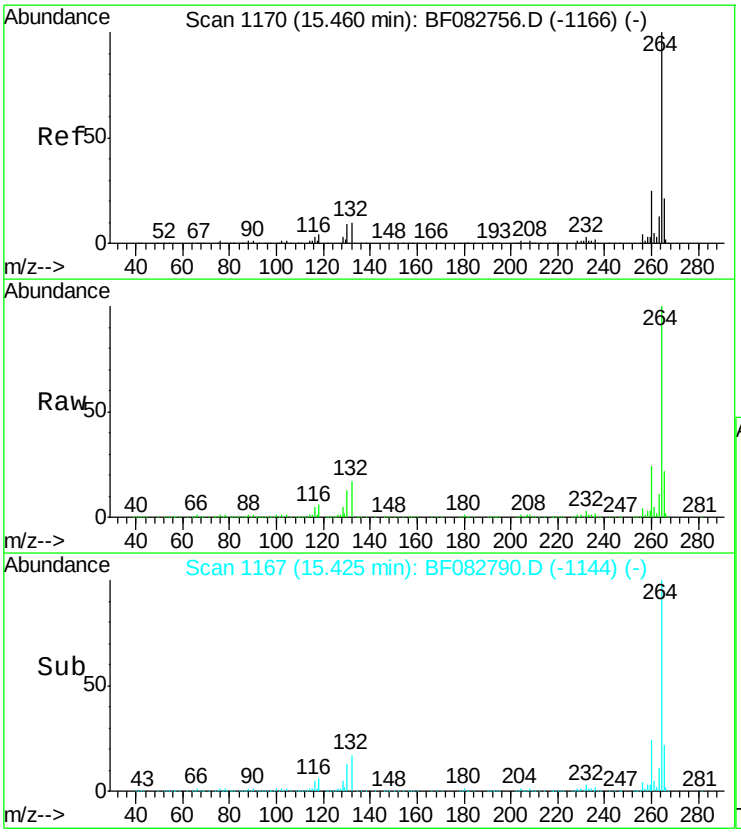
#78
Terphenyl-d14
Concen: 48.58 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

Tgt Ion:244 Resp: 1508833

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.6	11.4
122	11.9	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Tgt Ion:264 Resp: 597535

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.8	17.4	26.0