Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086363.D
Acq On : 23 Apr 2016 1:25
Operator : UM/SJ
Sample : PB90017BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90017BL

Quant Time: Apr 23 03:26:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174429	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	739746	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	346913	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	703115	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	619714	20.00	ng	-0.01
86) Perylene-d12	15.40	264	552307	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	898659	88.97	ng	0.01
7) Phenol-d6	6.46	99	1170921	85.27	ng	-0.01
23) Nitrobenzene-d5	7.40	82	751649	60.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	293668	93.51	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1378044	67.79	ng	-0.01
78) Terphenyl-d14	12.95	244	1374677	55.11	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	93532	11.40	ng	# 79
25) Isophorone	7.40	82	751637	30.71	ng	# 68
50) 2,6-Dinitrotoluene	9.87	165	39877	7.37	ng	# 20
56) 2,4-Dinitrotoluene	9.87	165	42756	5.95	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	18439	2.68	ng	# 1

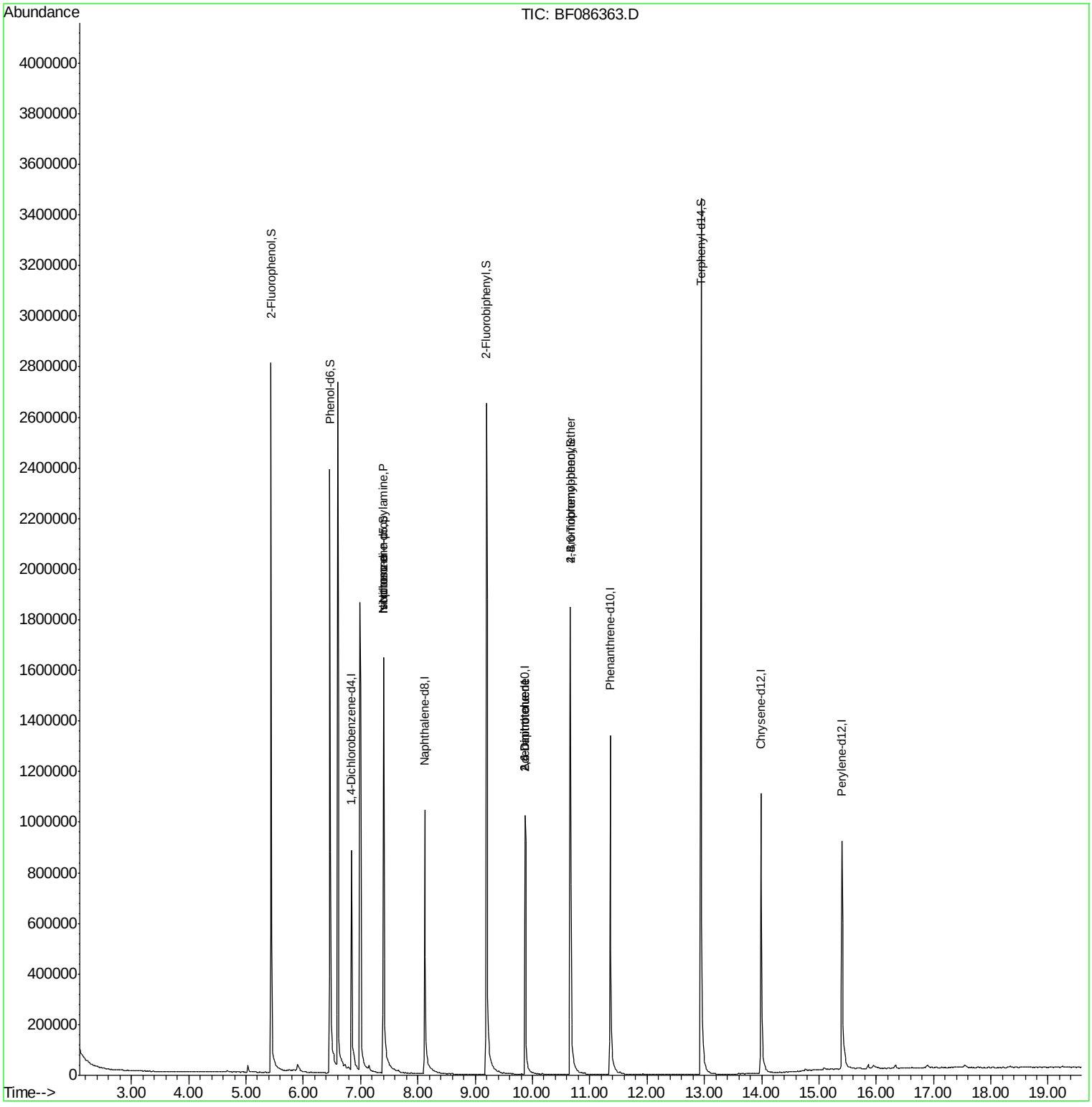
(#) = qualifier out of range (m) = manual integration (+) = signals summed

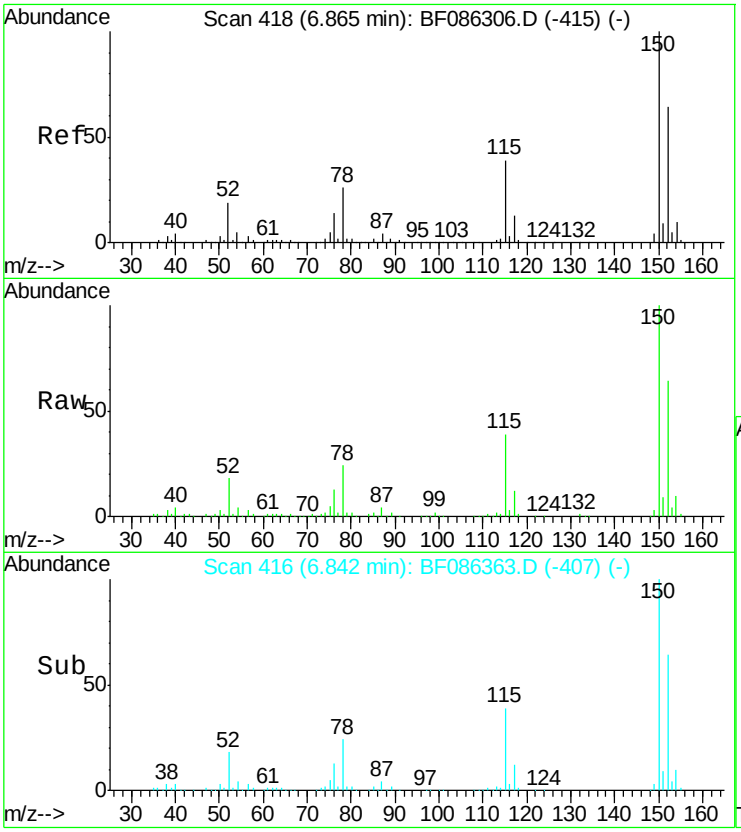
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086363.D
Acq On : 23 Apr 2016 1:25
Operator : UM/SJ
Sample : PB90017BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Quant Time: Apr 23 03:26:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration



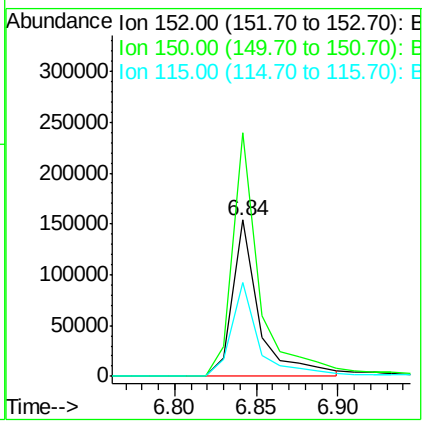


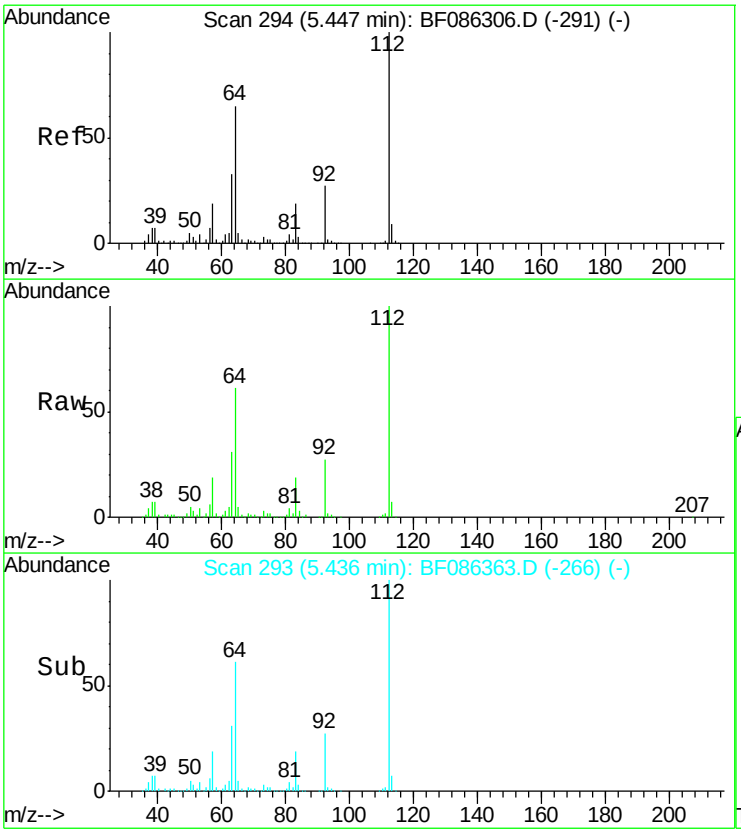
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Tgt Ion:152 Resp: 174429

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.8	188.6
115	60.0	51.5	77.3

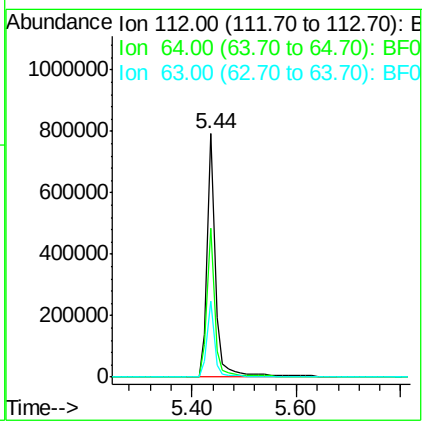


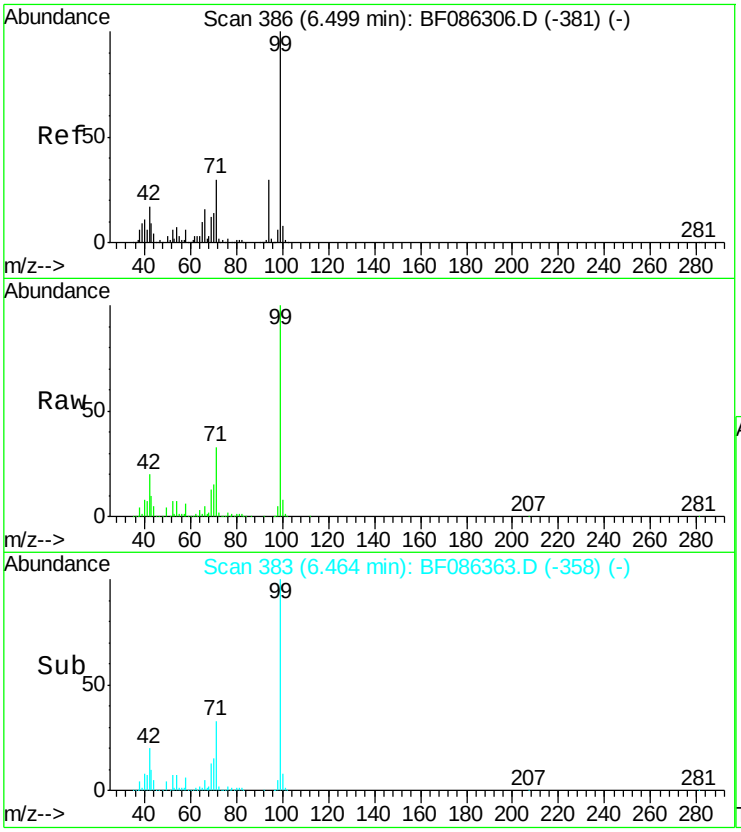


#5
2-Fluorophenol
Concen: 88.97 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Tgt Ion:112 Resp: 898659

Ion	Ratio	Lower	Upper
112	100		
64	61.1	52.1	78.1
63	31.2	25.7	38.5



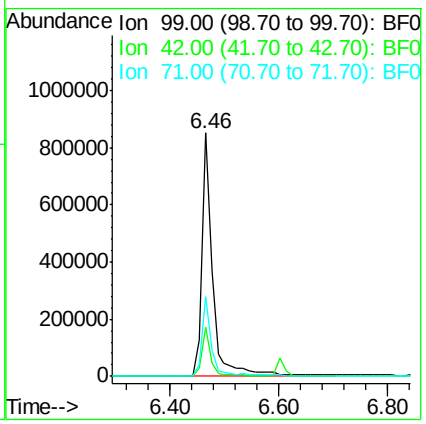


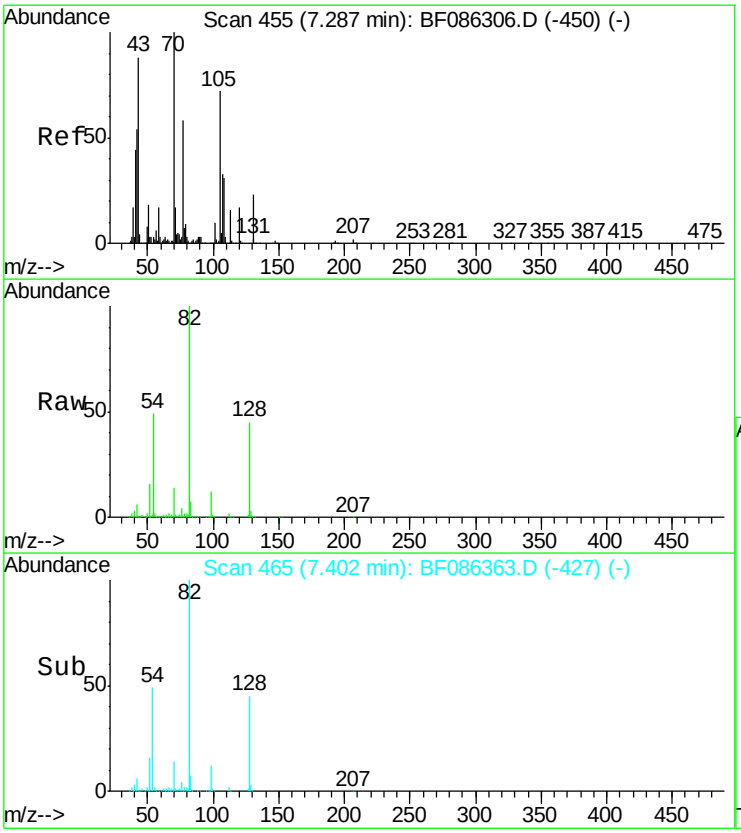
#7
Phenol-d6
Concen: 85.27 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Tgt Ion: 99 Resp: 1170921

Ion	Ratio	Lower	Upper
99	100		
42	20.1	13.6	20.4
71	32.9	24.6	36.8

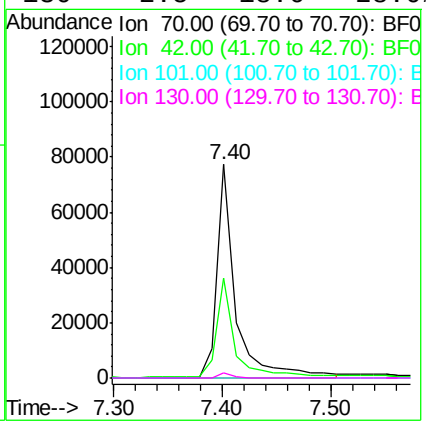


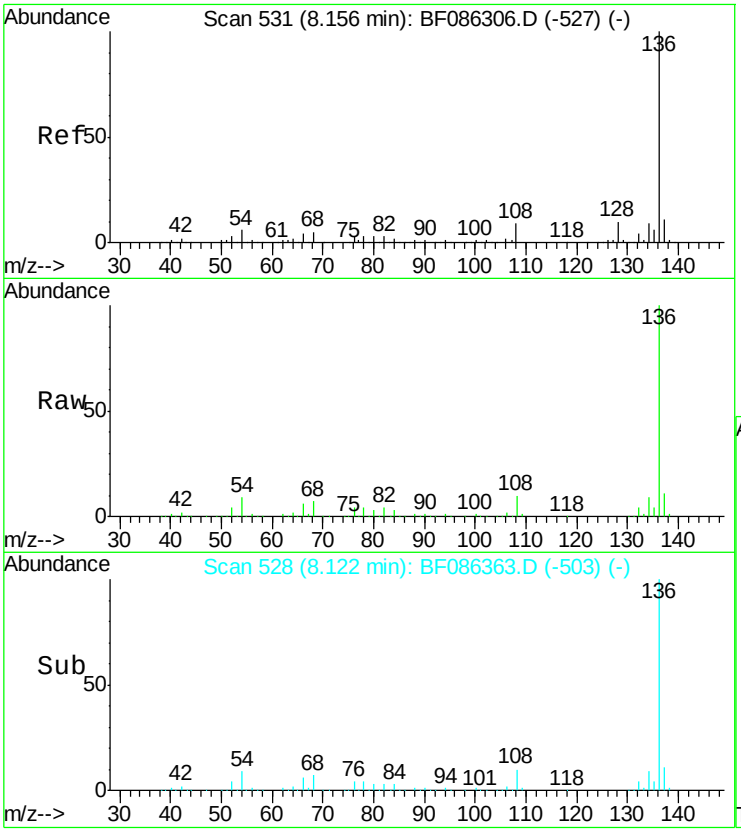


#19
n-Nitroso-di-n-propylamine
Concen: 11.40 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Tgt Ion: 70 Resp: 93532

Ion	Ratio	Lower	Upper
70	100		
42	46.9	43.1	64.7
101	0.0	8.1	12.1#
130	2.5	18.6	28.0#



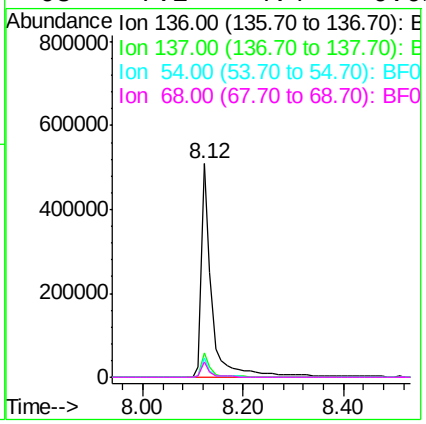


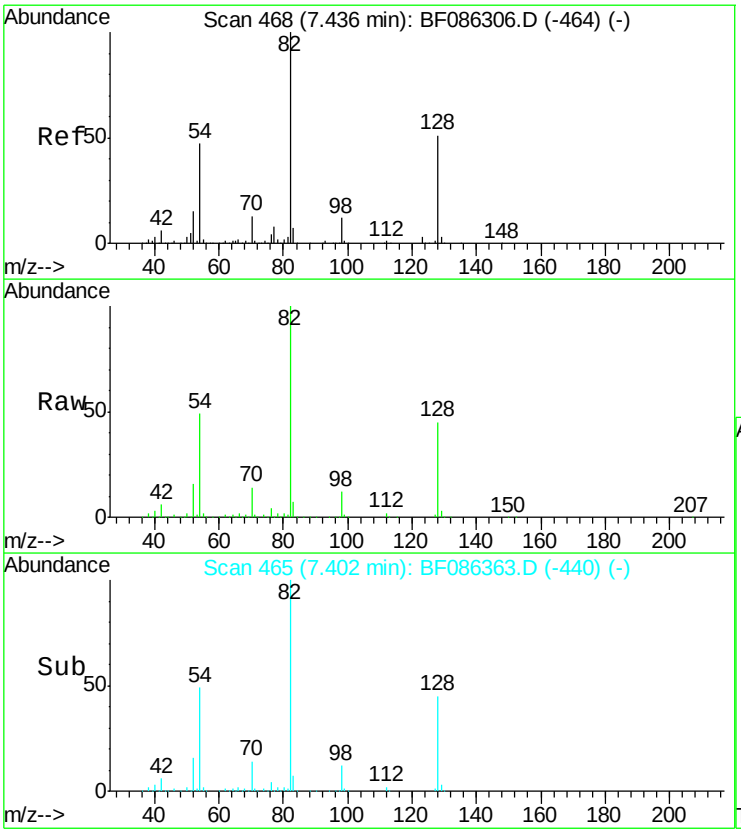
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Tgt Ion:136 Resp: 739746

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.9	5.0	7.4#
68	7.2	4.4	6.6#

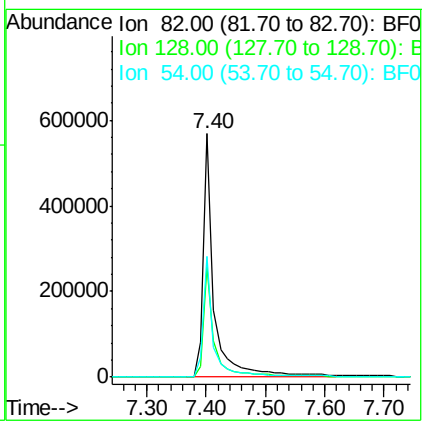


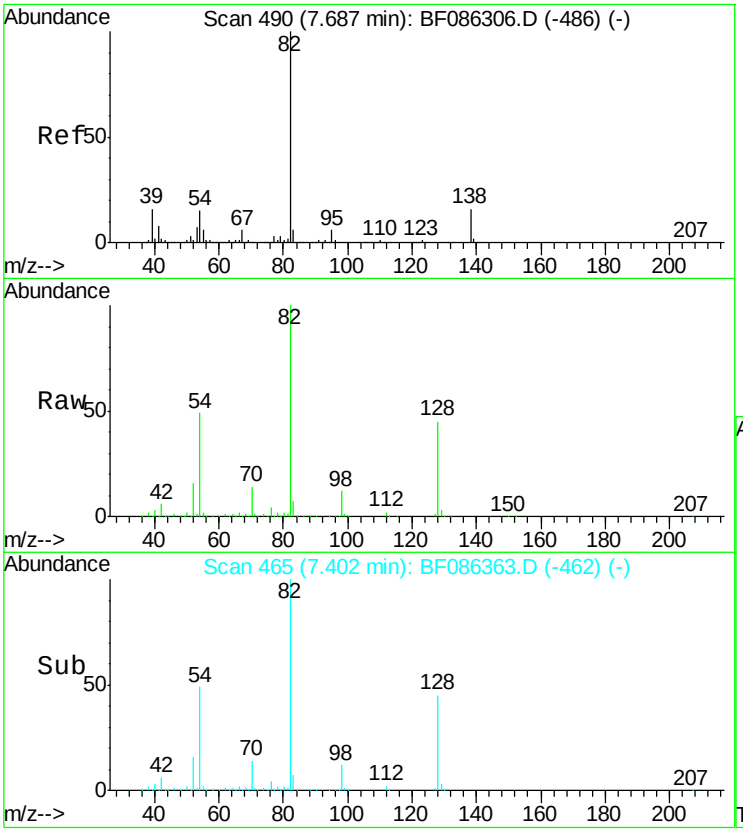


#23
Nitrobenzene-d5
Concen: 60.19 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Tgt Ion: 82 Resp: 751649

Ion	Ratio	Lower	Upper
82	100		
128	45.5	40.6	61.0
54	49.5	38.1	57.1



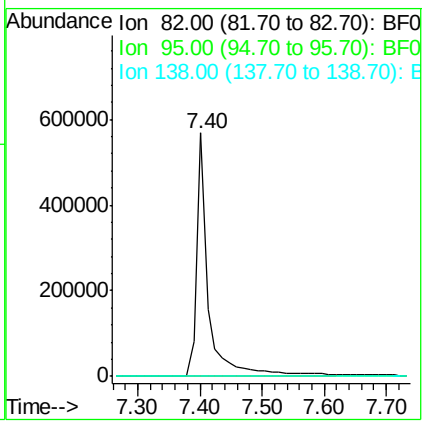


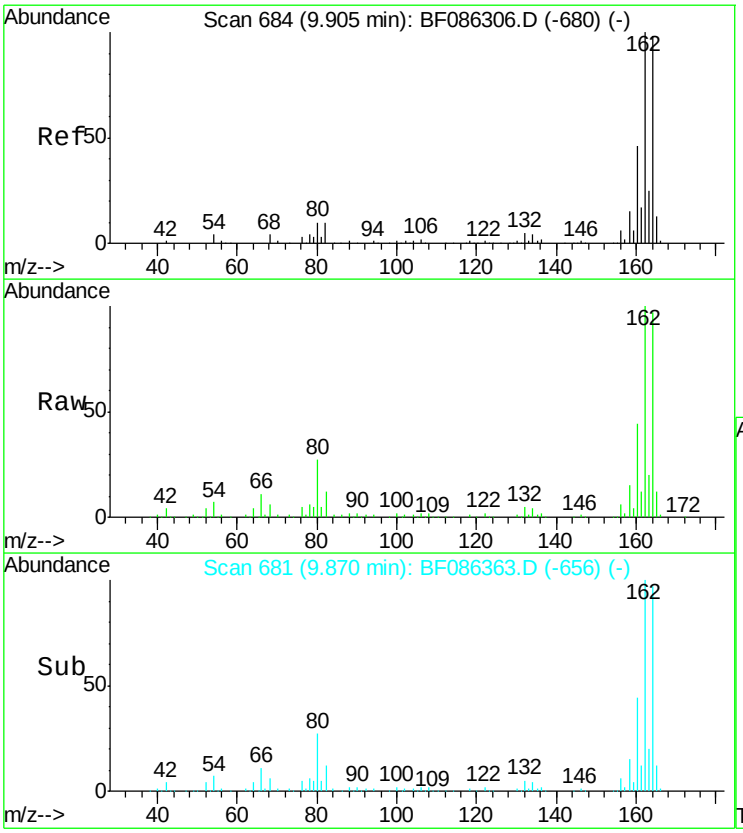
#25
Isophorone
Concen: 30.71 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.26 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Tgt Ion: 82 Resp: 751637

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

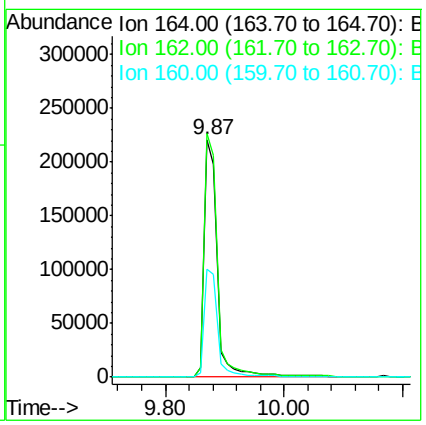


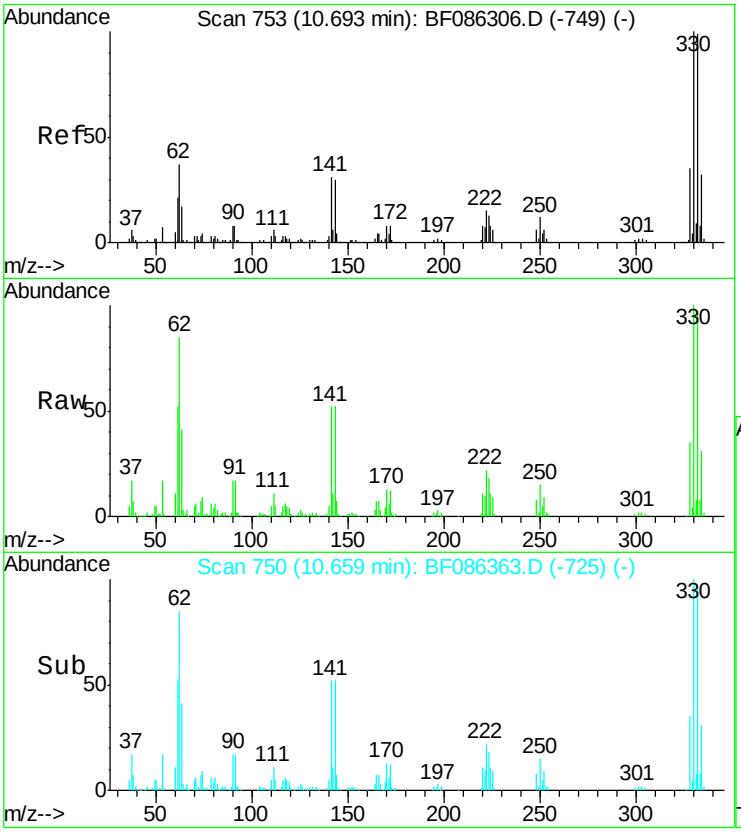


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Tgt Ion:164 Resp: 346913

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.8	124.2
160	45.3	36.9	55.3



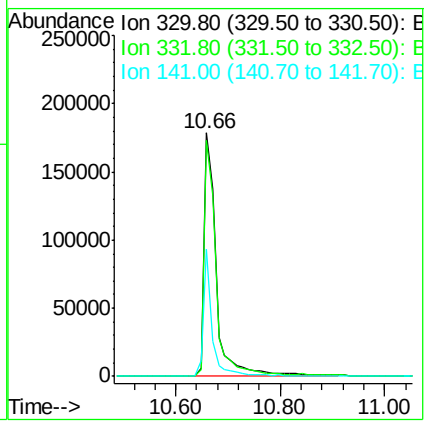


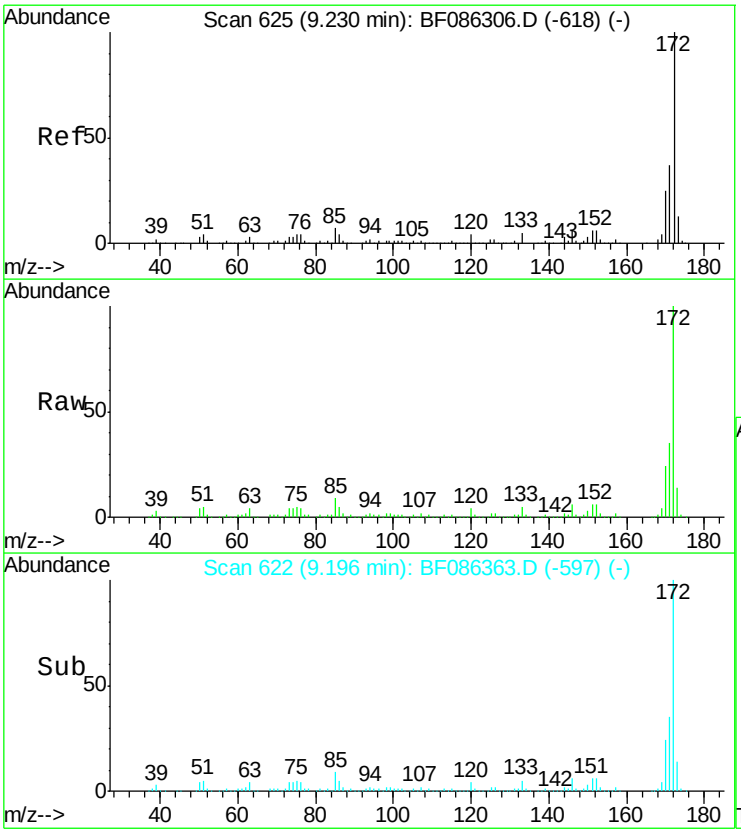
#41
2,4,6-Tribromophenol
Concen: 93.51 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Tgt Ion:330 Resp: 293668

Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.0	118.4
141	37.9	31.2	46.8

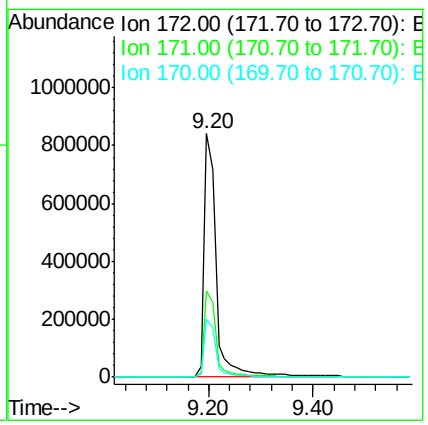


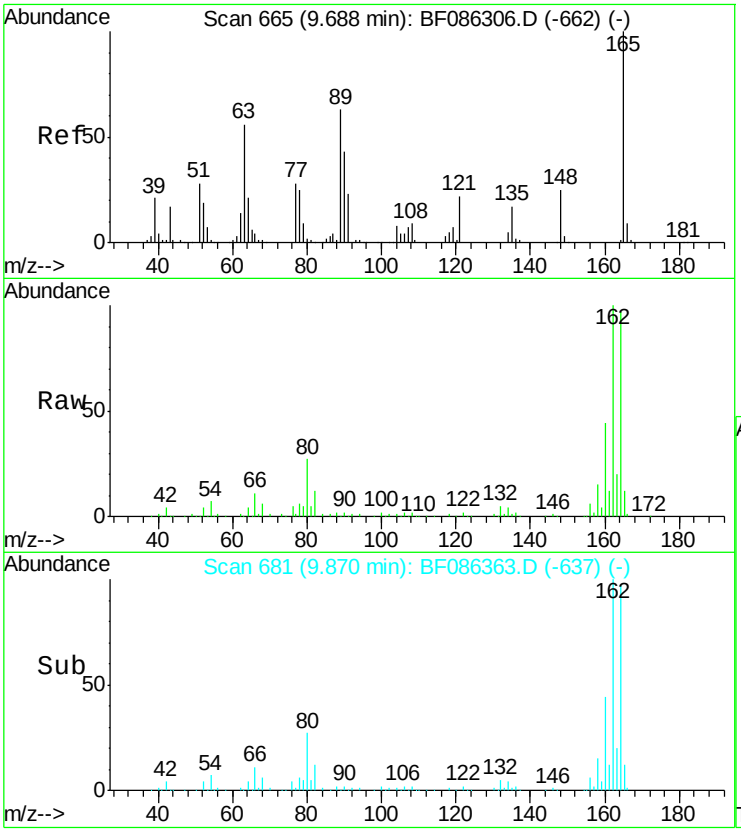


#44
2-Fluorobiphenyl
Concen: 67.79 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Tgt Ion:172 Resp: 1378044

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.9	19.8	29.8



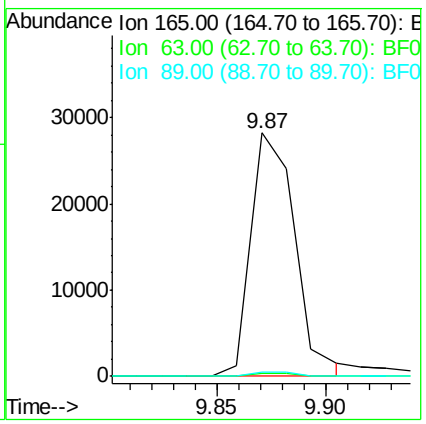


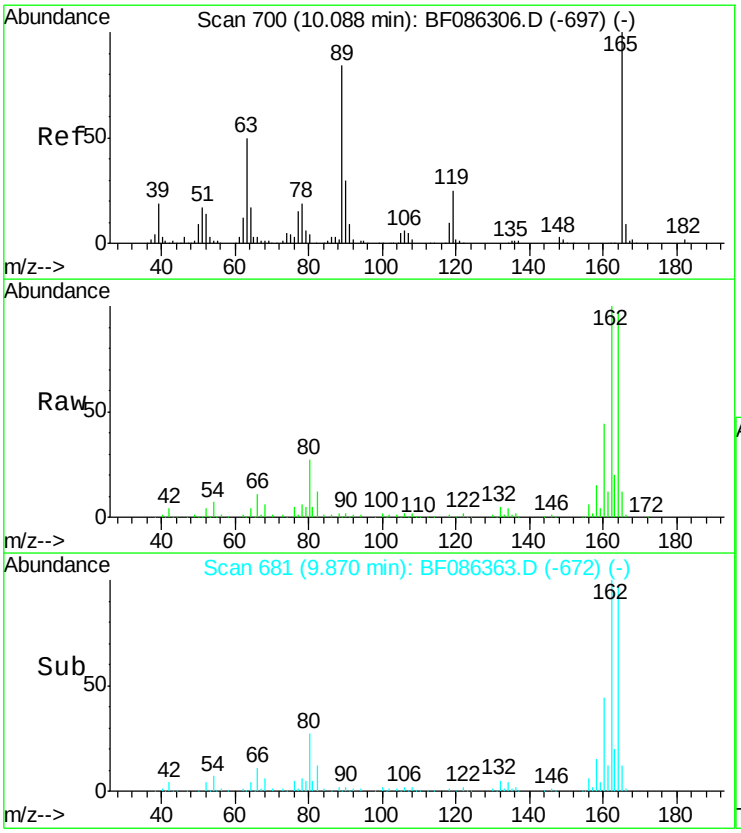
#50
2,6-Dinitrotoluene
Concen: 7.37 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.21 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Tgt Ion:165 Resp: 39877

Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.8#
89	1.7	50.7	76.1#

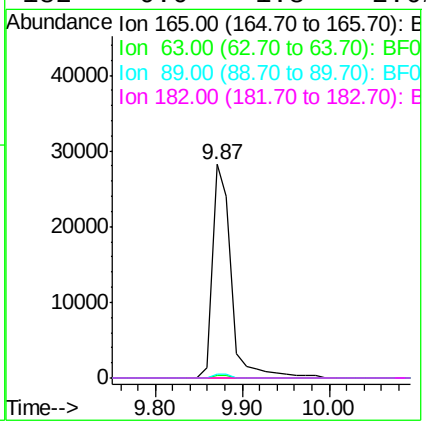


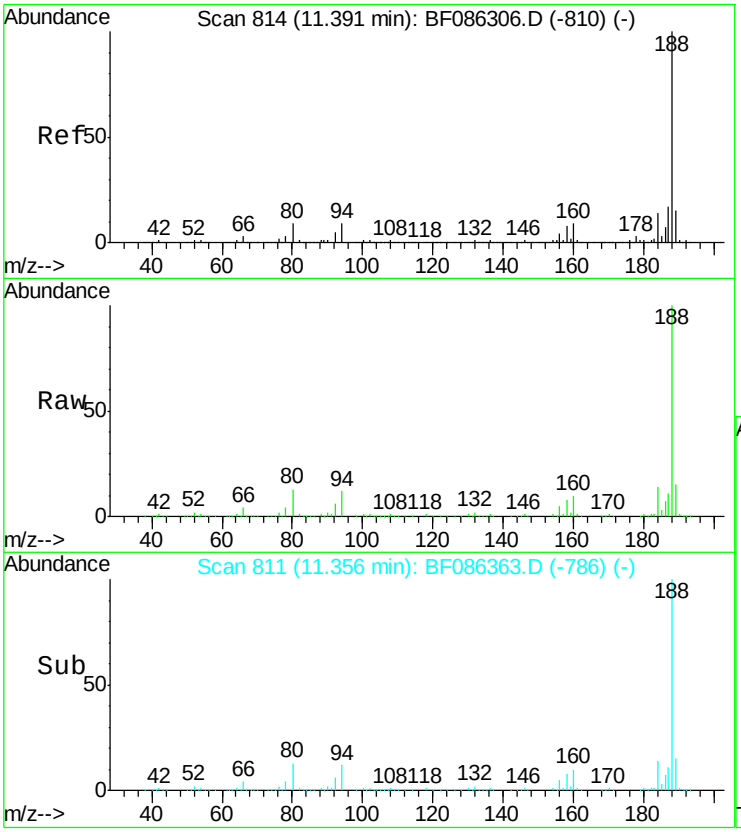


#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Tgt Ion:165 Resp: 42756

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#



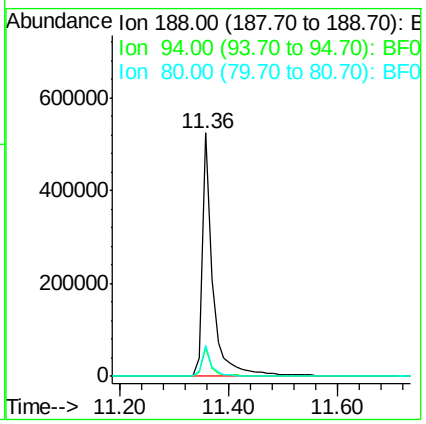


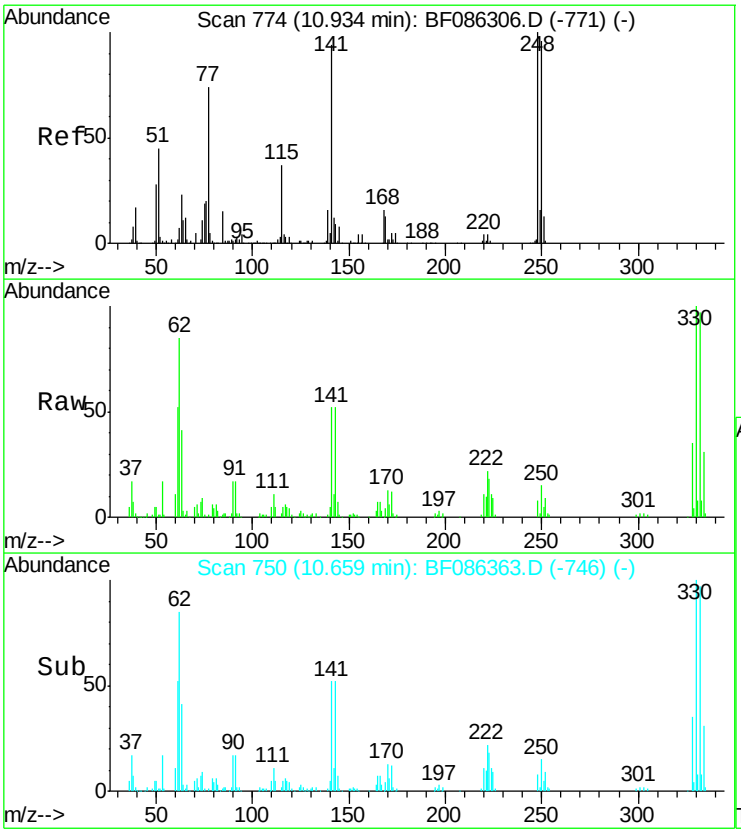
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Tgt Ion:188 Resp: 703115

Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.8	10.2#
80	12.7	7.1	10.7#

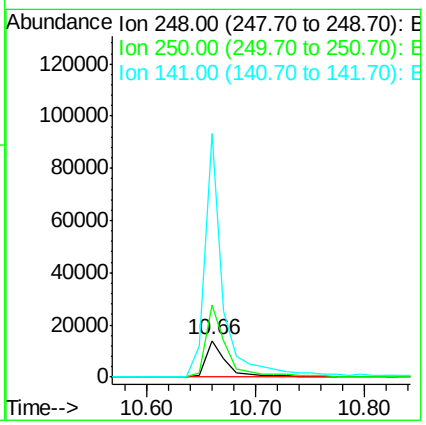


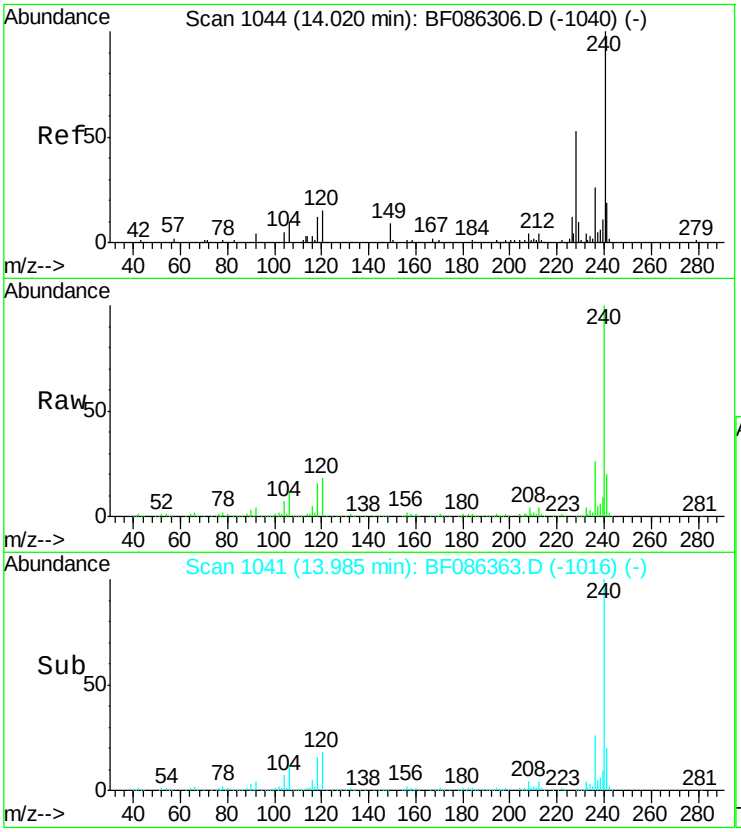


#66
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Tgt Ion:248 Resp: 18439

Ion	Ratio	Lower	Upper
248	100		
250	198.1	78.6	117.8#
141	671.4	76.0	114.0#



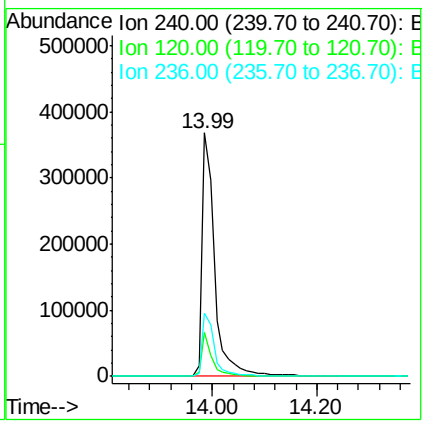


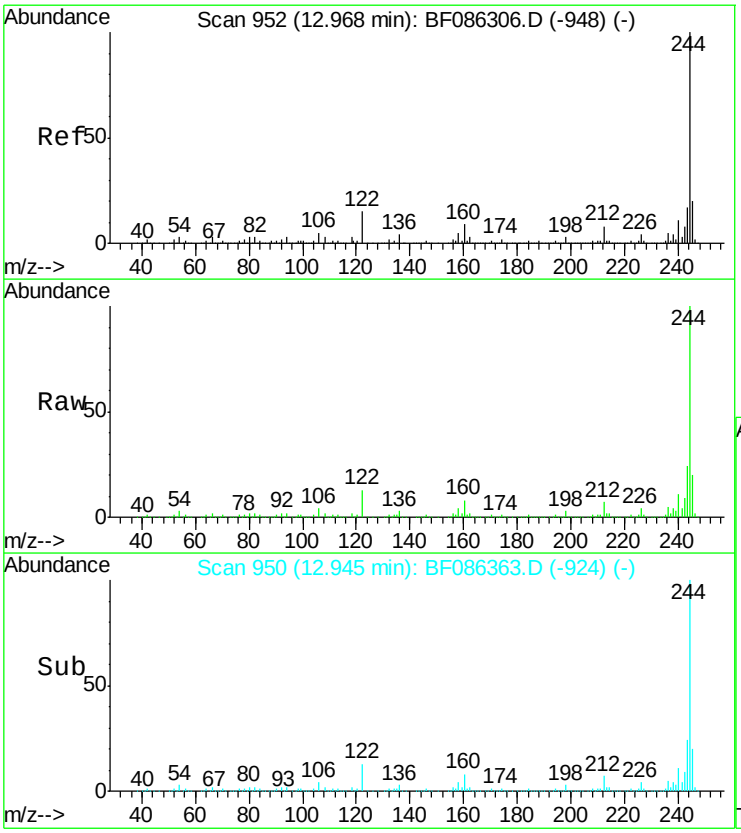
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Tgt Ion:240 Resp: 619714

Ion	Ratio	Lower	Upper
240	100		
120	18.3	11.2	16.8#
236	26.1	21.2	31.8

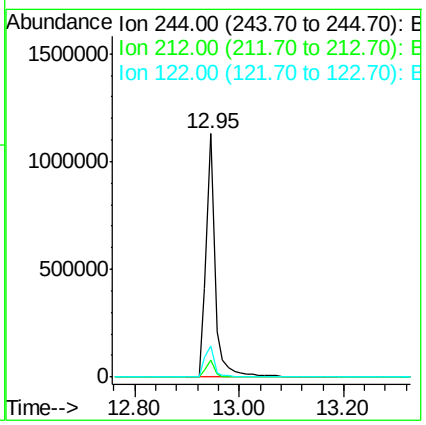


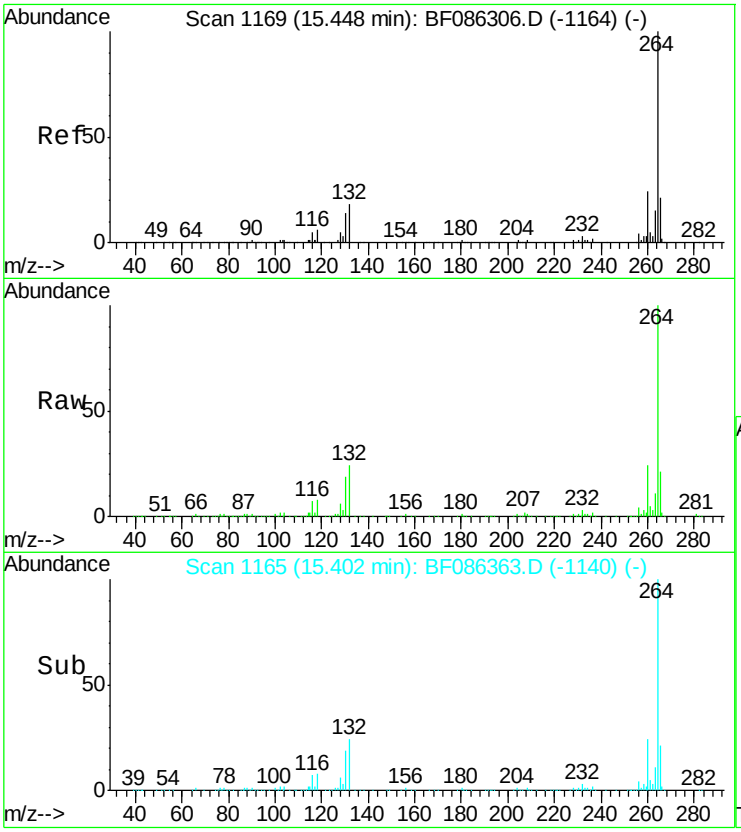


#78
Terphenyl-d14
Concen: 55.11 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Tgt Ion:244 Resp: 1374677

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	12.7	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086363.D
Acq: 23 Apr 2016 1:25

Instrument :
BNA_F
ClientSampleId :
PB90017BL

Tgt Ion:264 Resp: 552307

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.4	17.3	25.9