Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
Data File : BF084907.D
Acq On : 6 Feb 2016 13:08
Operator : SJ/IZ
Sample : H1310-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Time: Feb 08 01:20:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166463	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	673921	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	301177	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	531770	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	352644	20.00	ng	-0.03
86) Perylene-d12	15.17	264	319505	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1217516	113.92	ng	-0.01
7) Phenol-d6	6.32	99	1375334	103.81	ng	-0.02
23) Nitrobenzene-d5	7.23	82	993685	83.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	426864	135.88	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1739005	106.00	ng	-0.03
78) Terphenyl-d14	12.76	244	1381265	88.76	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	6.82	79	19060	2.08	ng	# 43
19) n-Nitroso-di-n-propylamine	7.23	70	133005	16.02	ng	# 70
31) Naphthalene	7.96	128	149162	4.41	ng	98
37) 2-Methylnaphthalene	8.66	142	50174	2.37	ng	96
50) 2,6-Dinitrotoluene	9.70	165	39202	7.82	ng	# 38
56) 2,4-Dinitrotoluene	9.70	165	39202	6.13	ng	# 22
66) 4-Bromophenyl-phenylether	10.49	248	28793	4.90	ng	# 1

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

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SUP-B017(10-12)

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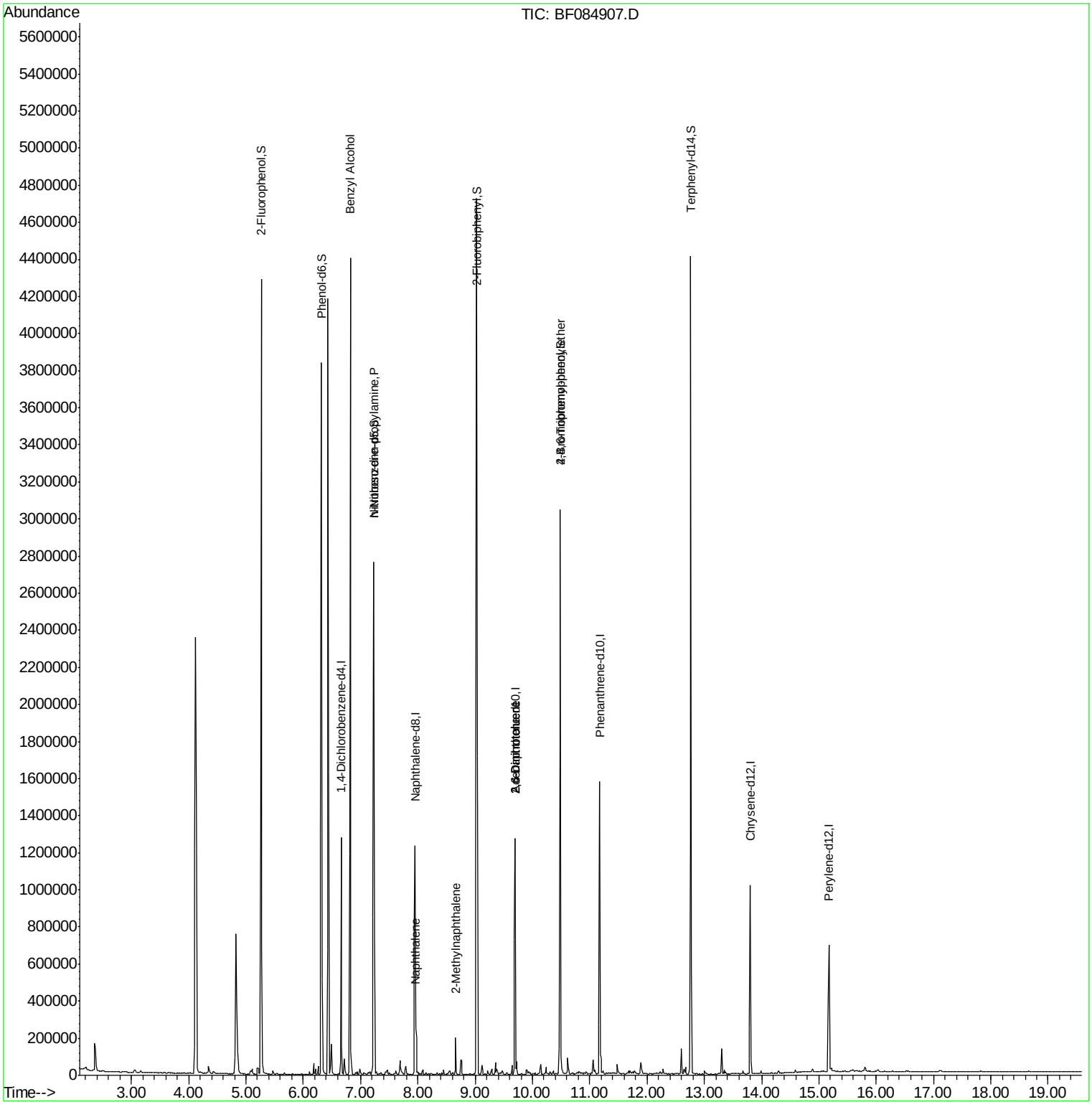
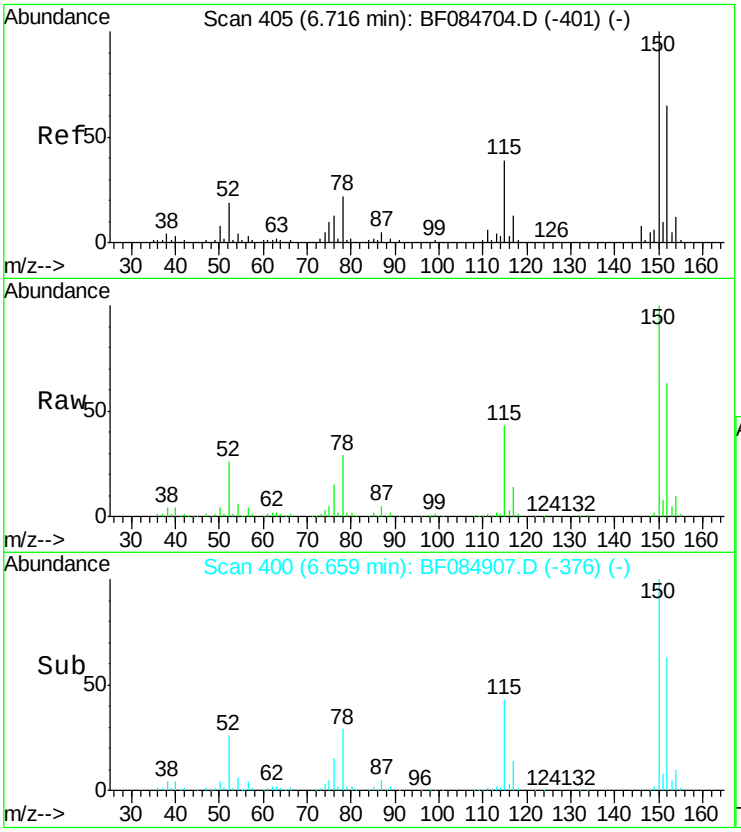


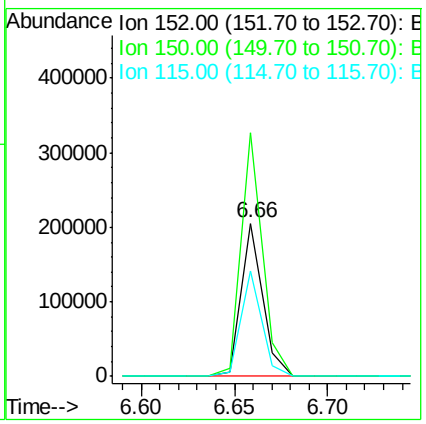


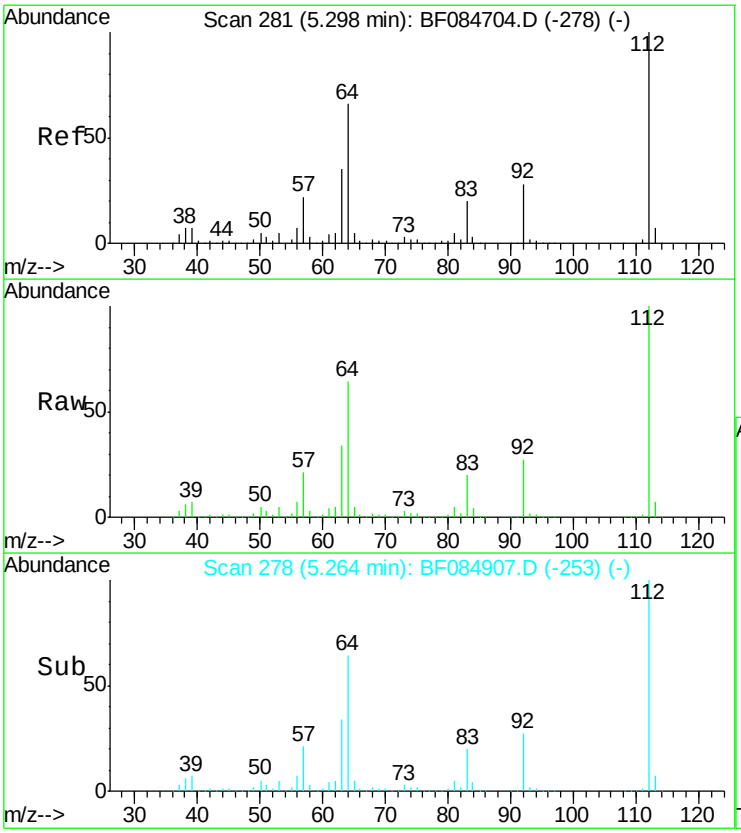
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion:152 Resp: 166463

Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.0	184.4
115	68.6	51.4	77.2

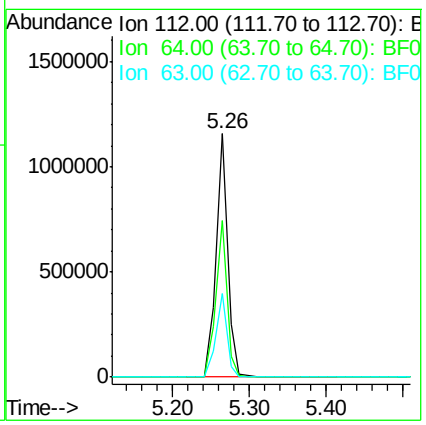


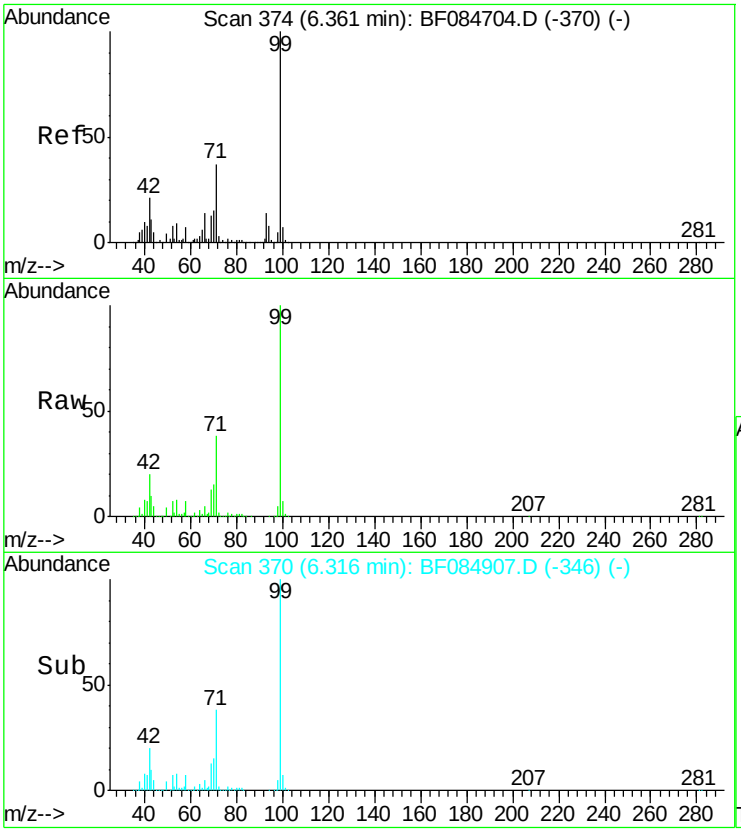


#5
2-Fluorophenol
Concen: 113.92 ng
RT: 5.26 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion:112 Resp: 1217516

Ion	Ratio	Lower	Upper
112	100		
64	64.4	36.6	55.0#
63	34.3	19.4	29.0#



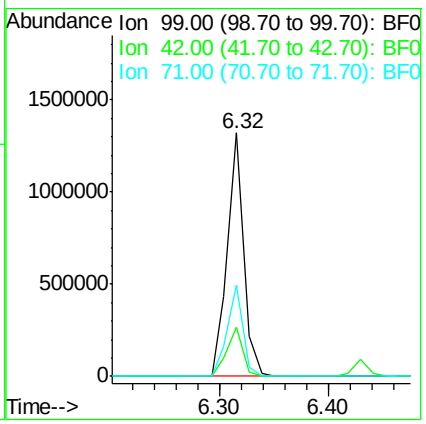


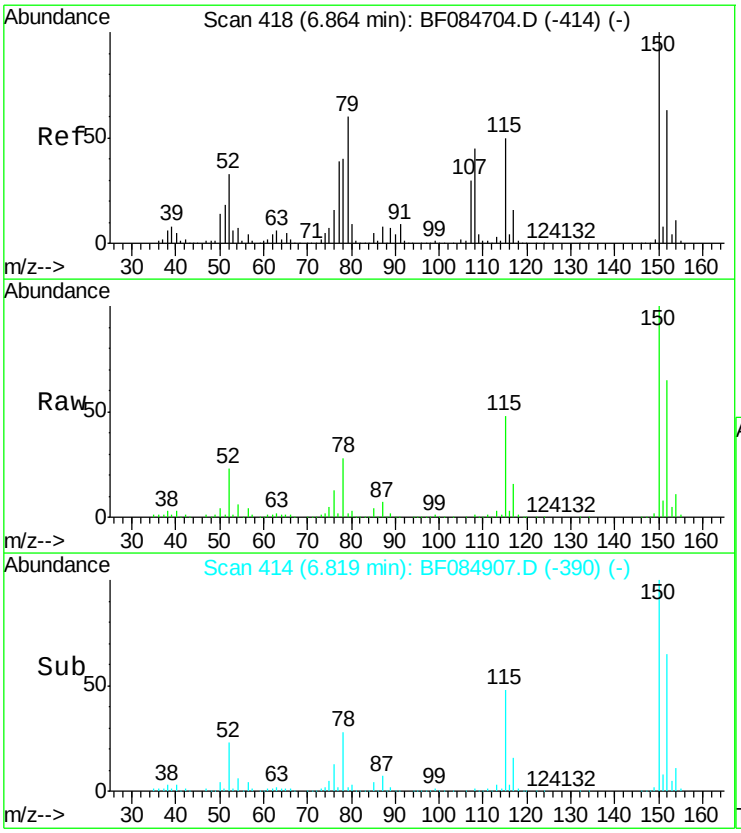
#7
Phenol-d6
Concen: 103.81 ng
RT: 6.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion: 99 Resp: 1375334

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	37.6	30.9	46.3

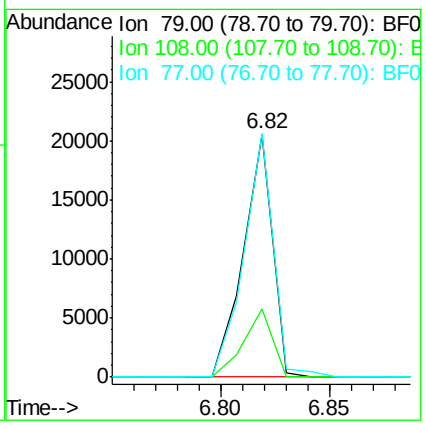


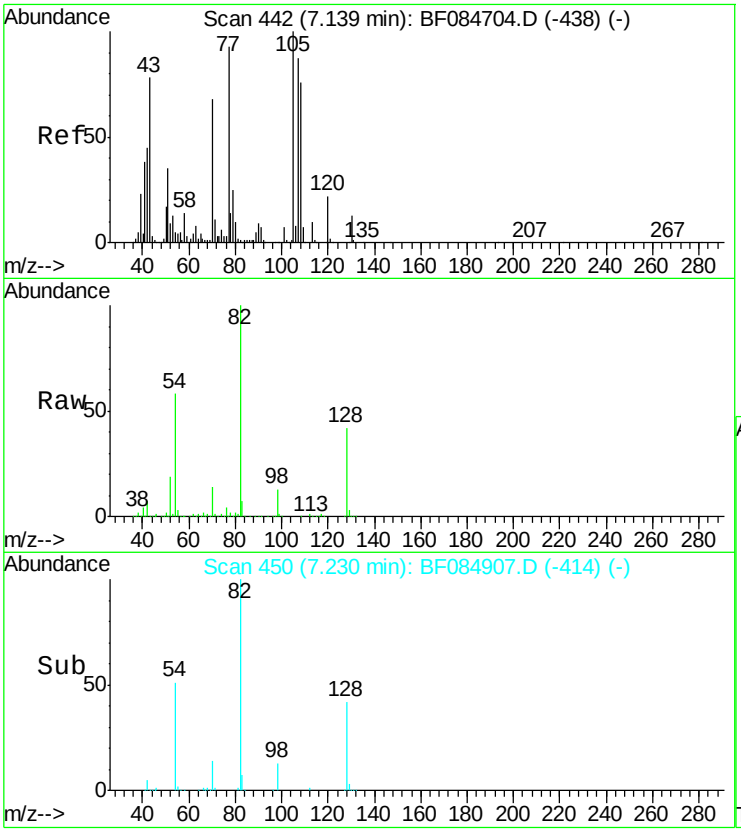


#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion: 79 Resp: 19060

Ion	Ratio	Lower	Upper
79	100		
108	28.4	69.0	103.4#
77	100.4	50.0	75.0#



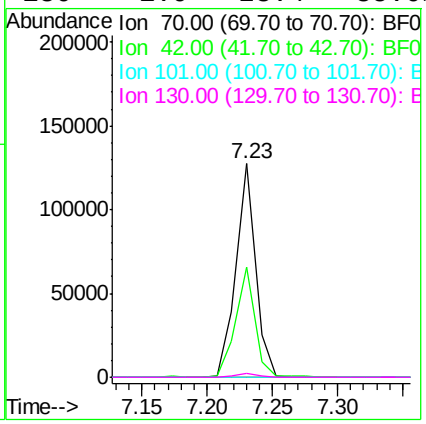


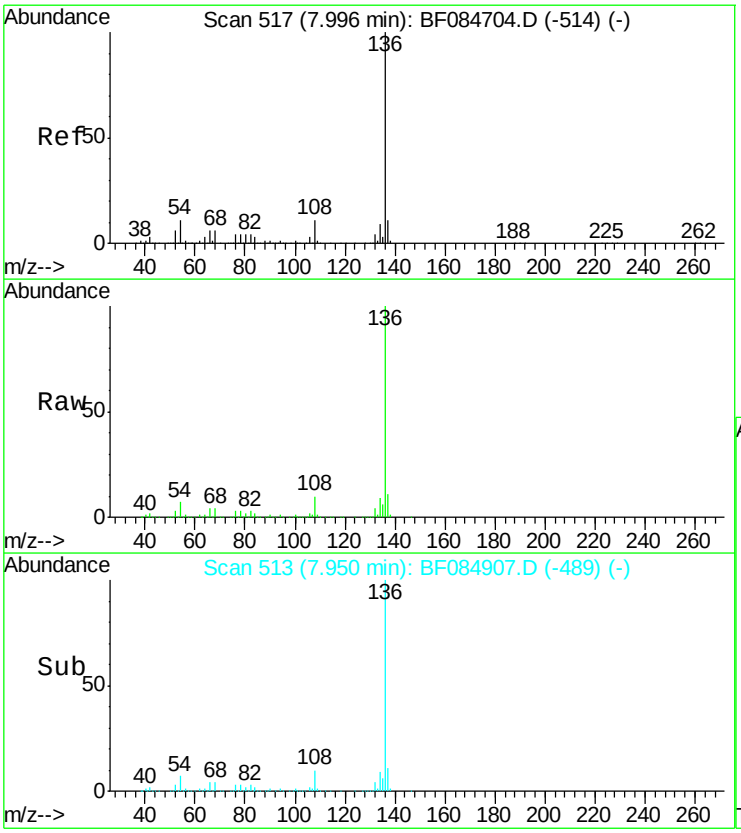
#19
n-Nitroso-di-n-propylamine
Concen: 16.02 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion: 70 Resp: 133005

Ion	Ratio	Lower	Upper
70	100		
42	51.3	33.3	49.9#
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#

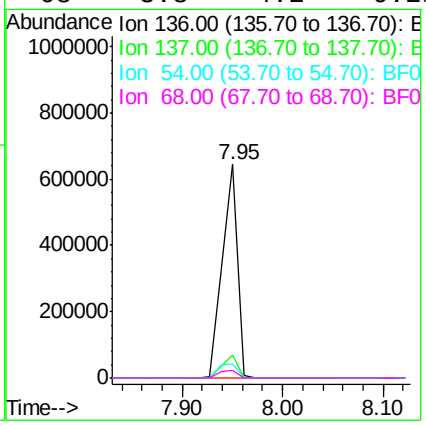


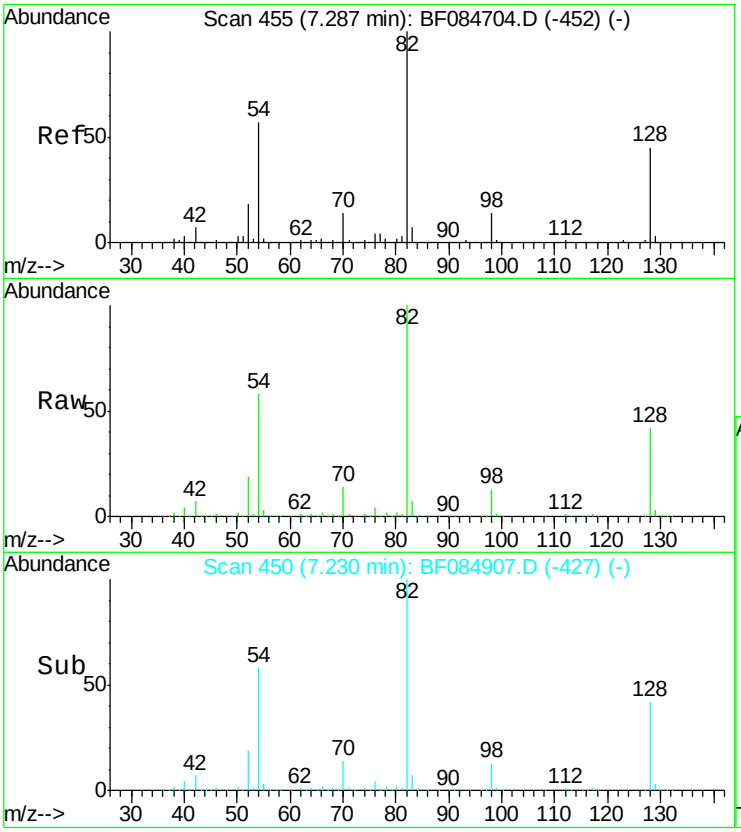


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion:136 Resp: 673921

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.5	5.8	8.8
68	3.8	4.2	6.2#



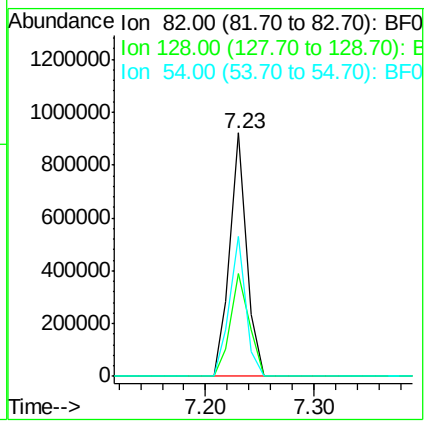


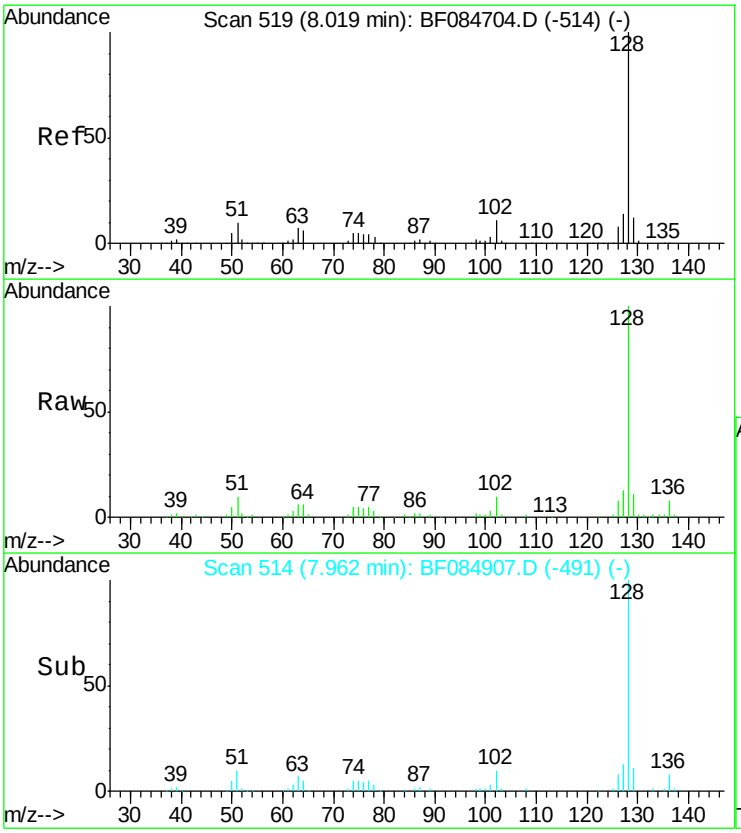
#23
Nitrobenzene-d5
Concen: 83.06 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion: 82 Resp: 993685

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	57.7	38.4	57.6#

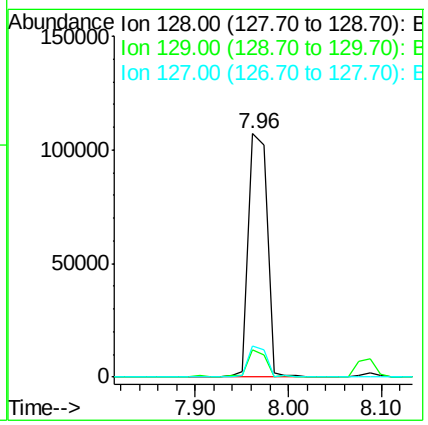


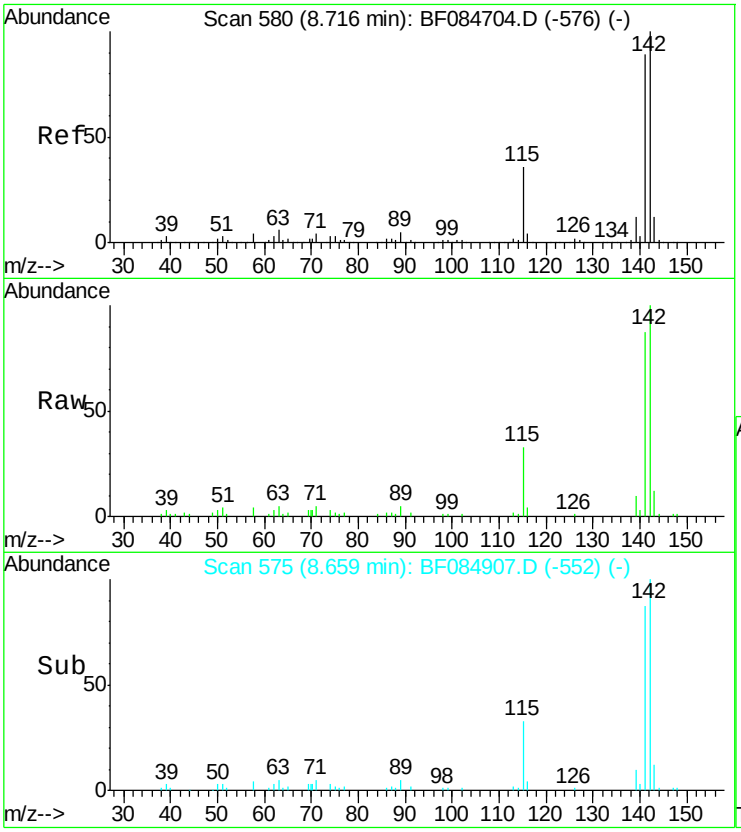


#31
Naphthalene
Concen: 4.41 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion:128 Resp: 149162

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	12.8	11.1	16.7



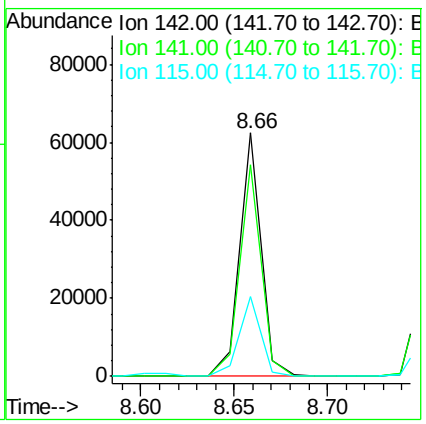


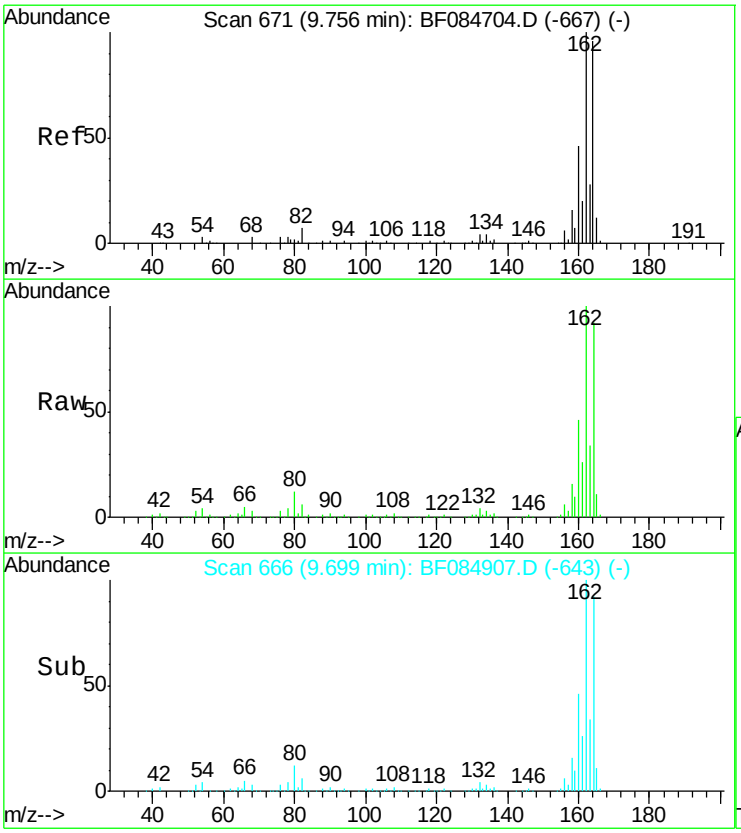
#37
2-Methylnaphthalene
Concen: 2.37 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion:142 Resp: 50174

Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.4	108.6
115	33.0	27.9	41.9

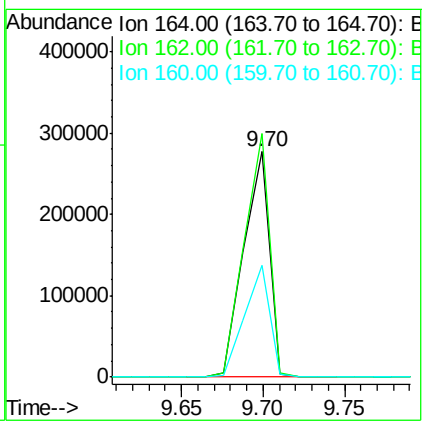


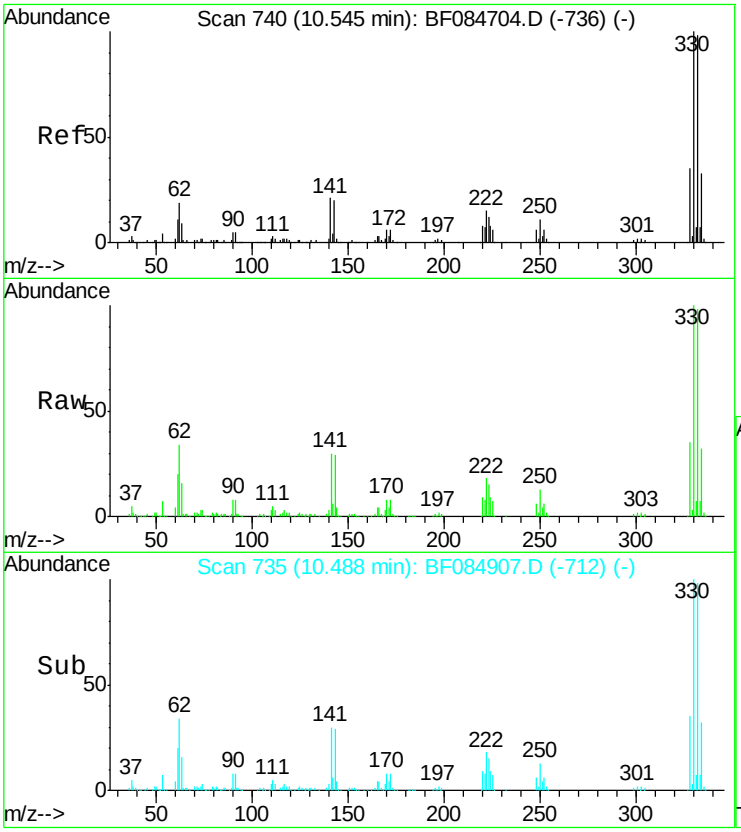


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion:164 Resp: 301177

Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.1	127.7
160	49.6	37.5	56.3



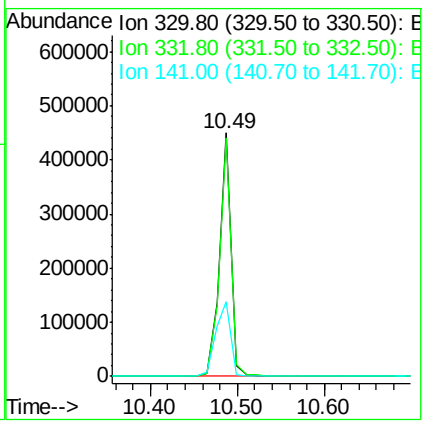


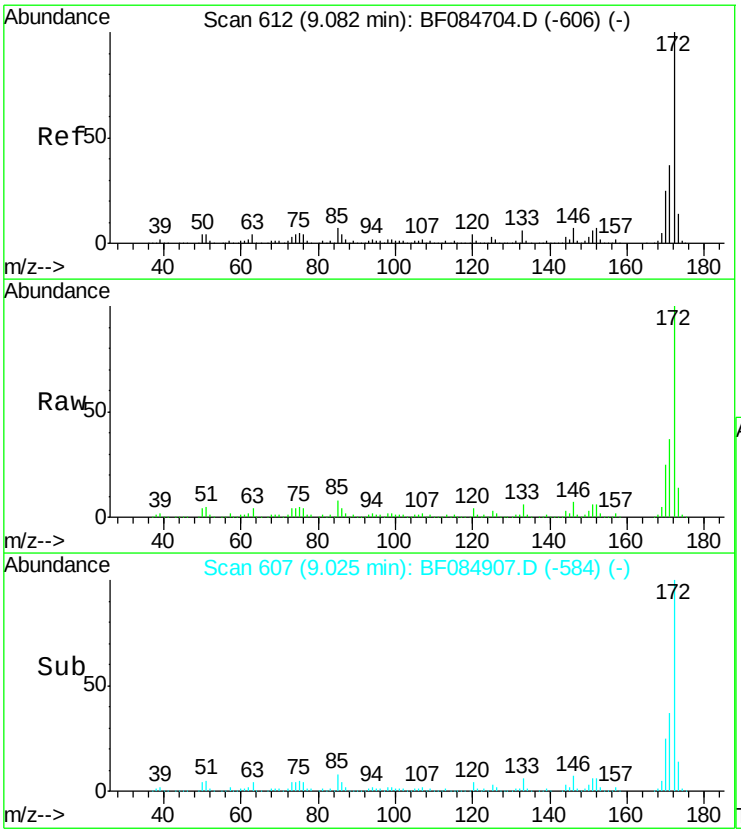
#41
2,4,6-Tribromophenol
Concen: 135.88 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion:330 Resp: 426864

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	39.0	27.8	41.6

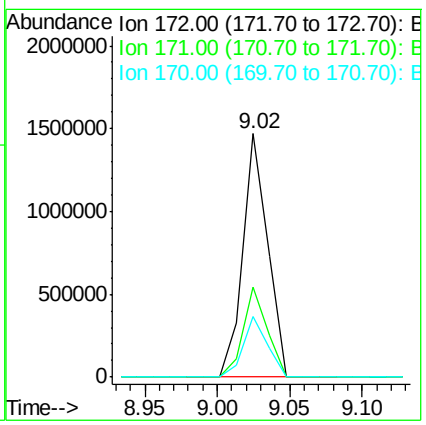


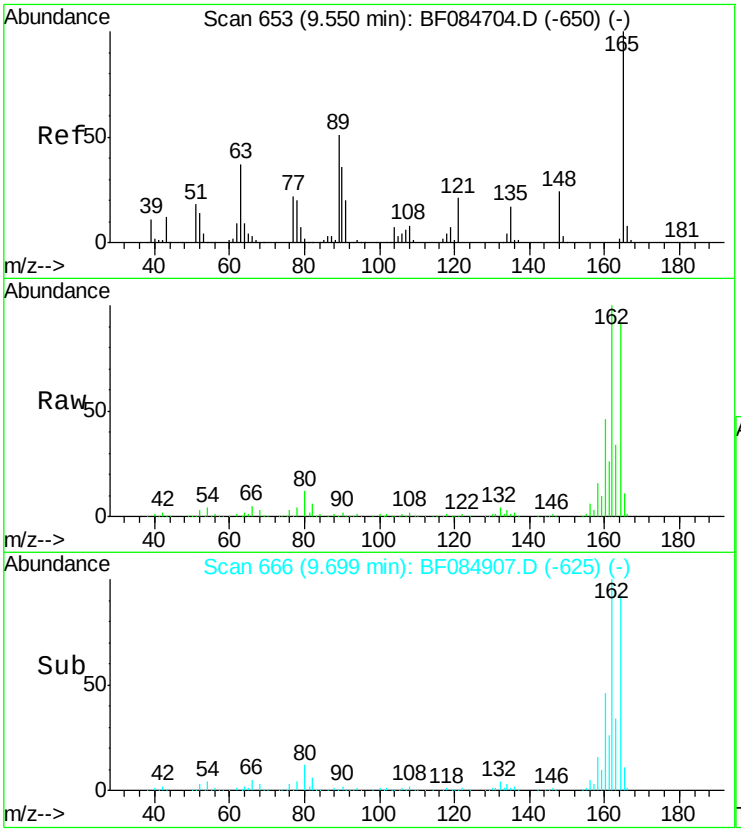


#44
2-Fluorobiphenyl
Concen: 106.00 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion:172 Resp: 1739005

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.9	18.6	27.8



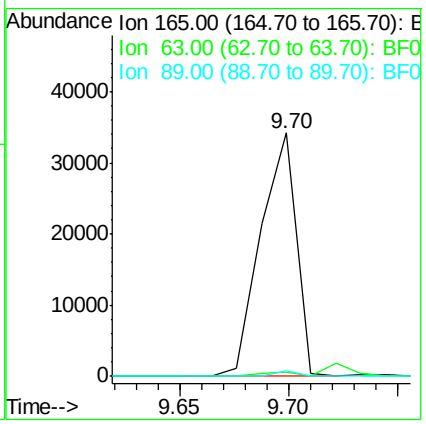


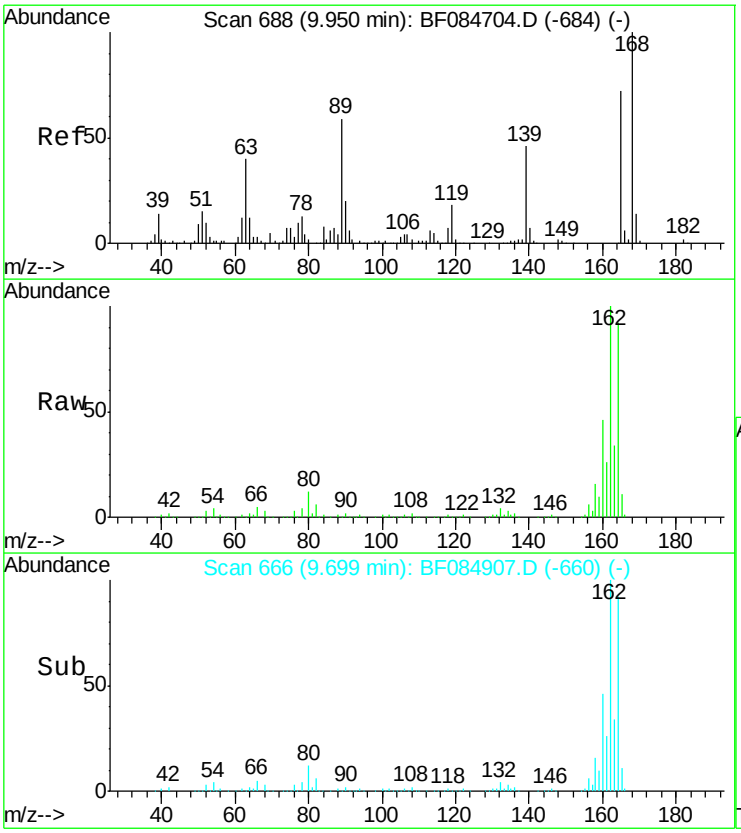
#50
2,6-Dinitrotoluene
Concen: 7.82 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion:165 Resp: 39202

Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.8	43.2#
89	2.0	35.1	52.7#

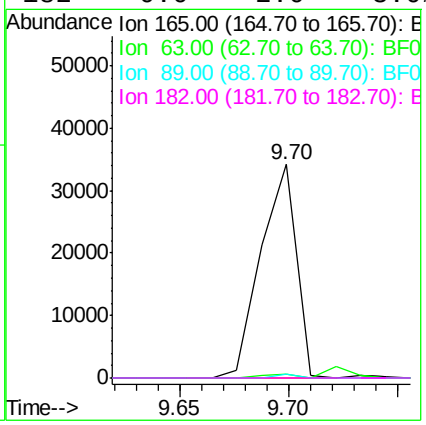


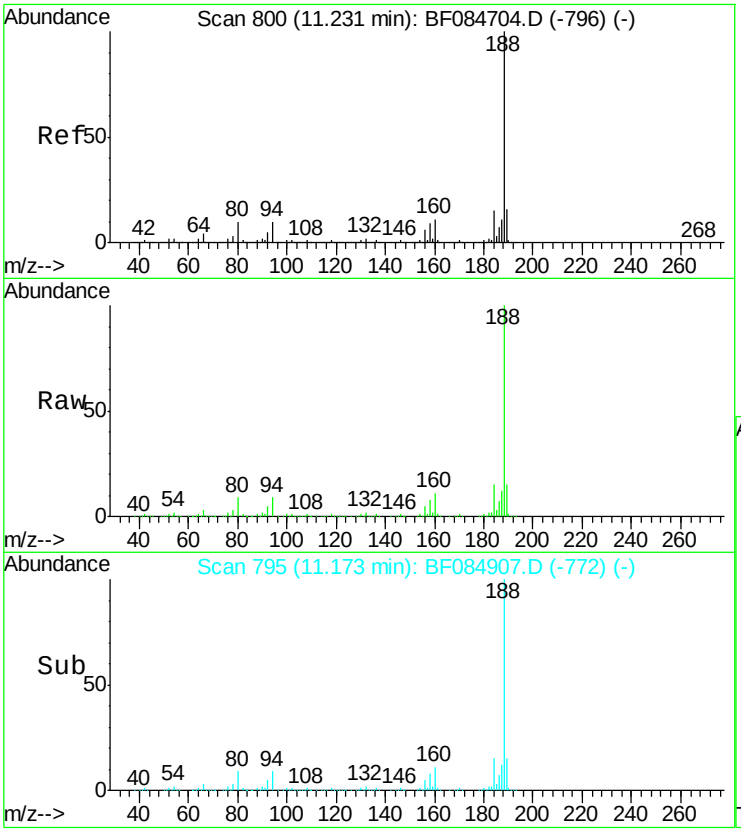


#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion:165 Resp: 39202

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	2.0	61.9	92.9#
182	0.0	2.0	3.0#



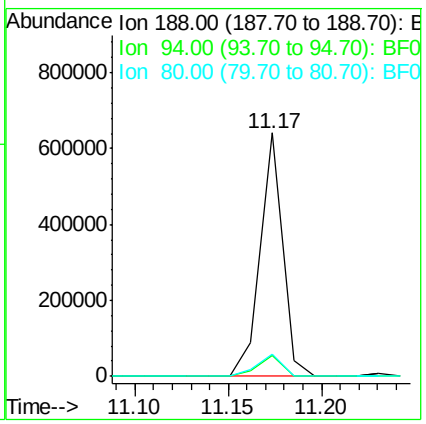


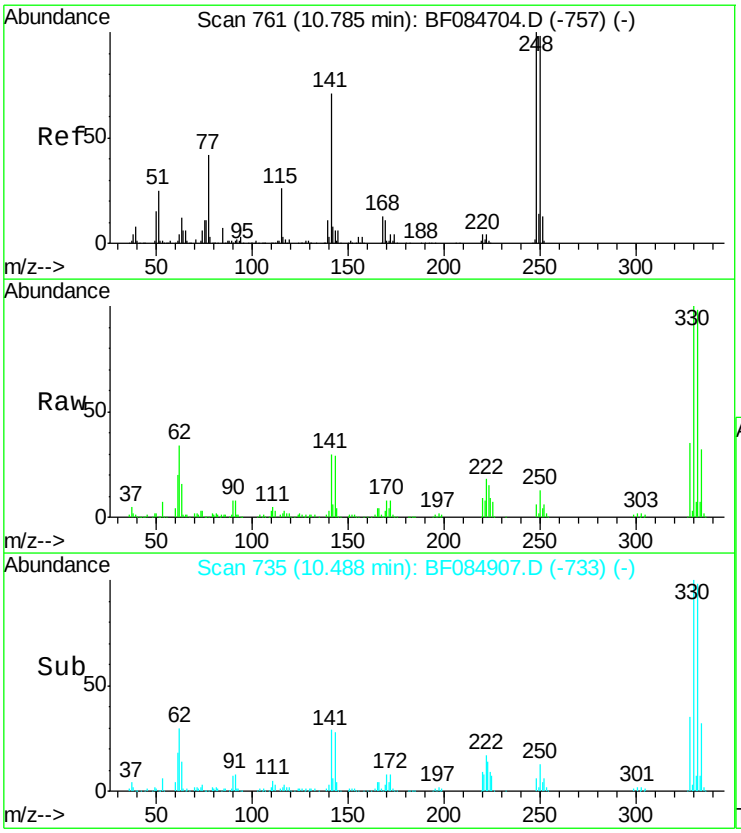
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion:188 Resp: 531770

Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	9.2	9.6	14.4#

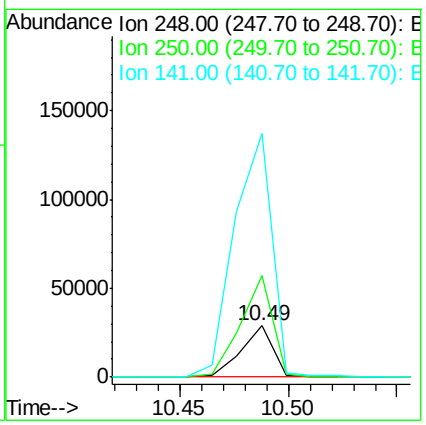


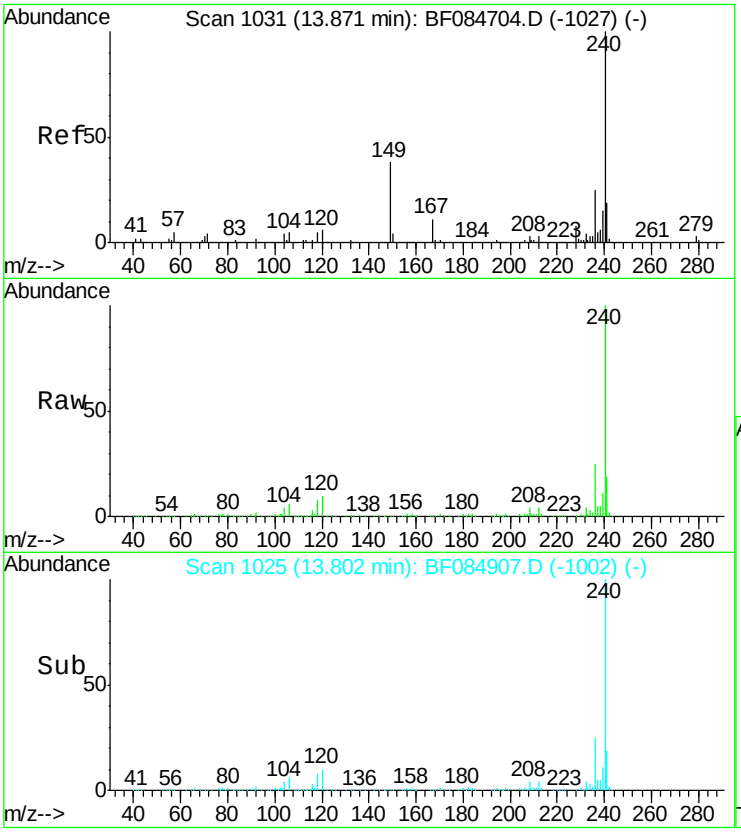


#66
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion:248 Resp: 28793

Ion	Ratio	Lower	Upper
248	100		
250	198.5	78.4	117.6#
141	475.7	44.0	66.0#



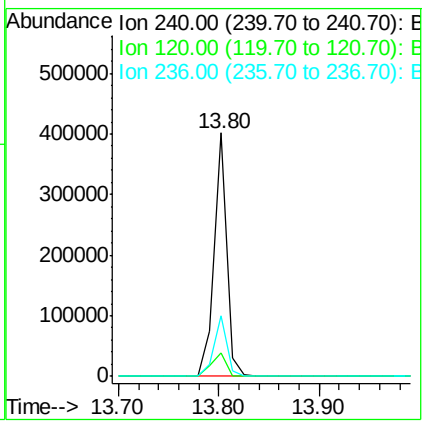


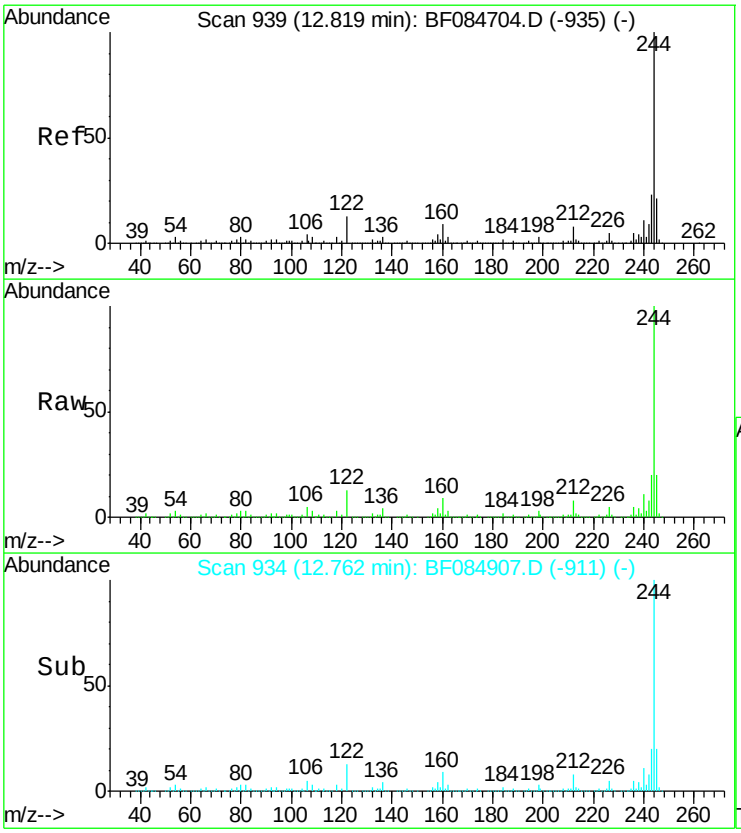
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion:240 Resp: 352644

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	24.9	20.6	31.0

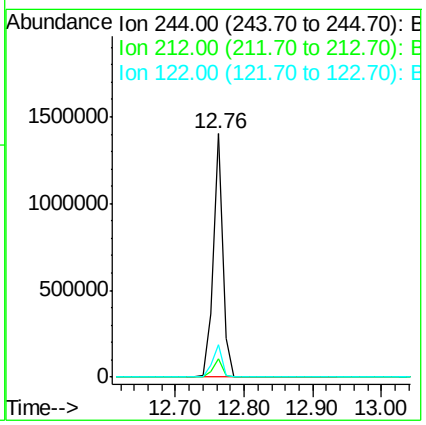


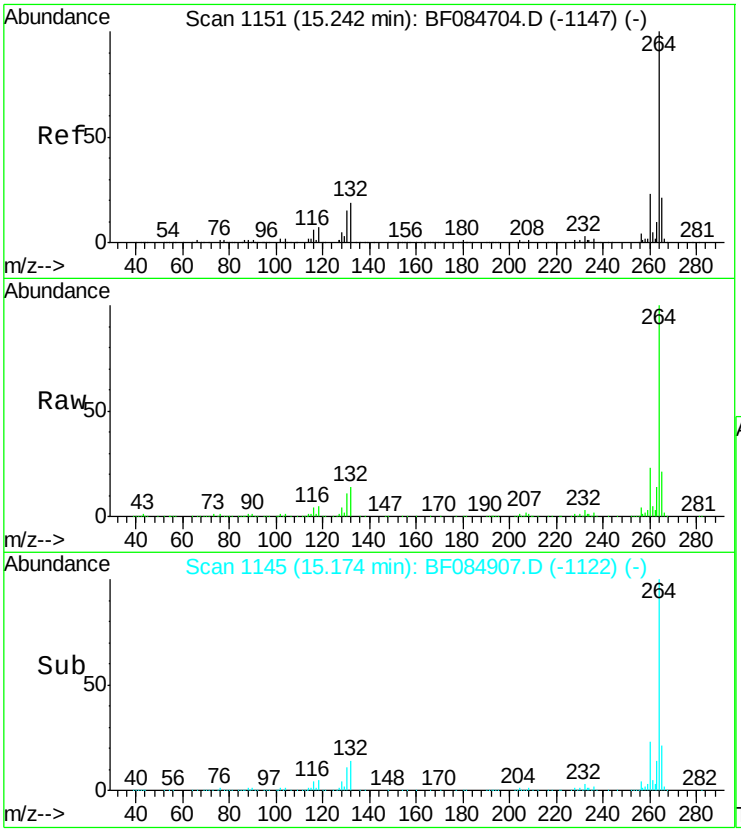


#78
Terphenyl-d14
Concen: 88.76 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion:244 Resp: 1381265

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	13.4	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Tgt Ion:264 Resp: 319505

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	20.8	17.8	26.6