Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
Data File : BF084910.D
Acq On : 6 Feb 2016 14:31
Operator : SJ/IZ
Sample : H1325-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B016(17-19)

Quant Time: Feb 08 01:21:43 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	174147	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	699669	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	307898	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	541617	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	369288	20.00	ng	-0.03
86) Perylene-d12	15.17	264	332547	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1322348	118.27	ng	-0.01
7) Phenol-d6	6.32	99	1397737	100.84	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1036852	83.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	441453	137.45	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1819059	110.65	ng	-0.03
78) Terphenyl-d14	12.76	244	1396715	85.71	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	6.82	79	20117	2.10	ng	# 42
19) n-Nitroso-di-n-propylamine	7.23	70	140287	16.15	ng	# 73
31) Naphthalene	7.96	128	85355	2.43	ng	97
50) 2,6-Dinitrotoluene	9.70	165	39959	7.80	ng	# 38
56) 2,4-Dinitrotoluene	9.70	165	39959	6.12	ng	# 22
66) 4-Bromophenyl-phenylether	10.49	248	30455	5.09	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
QLast Update : Wed Feb 03 14:16:01 2016
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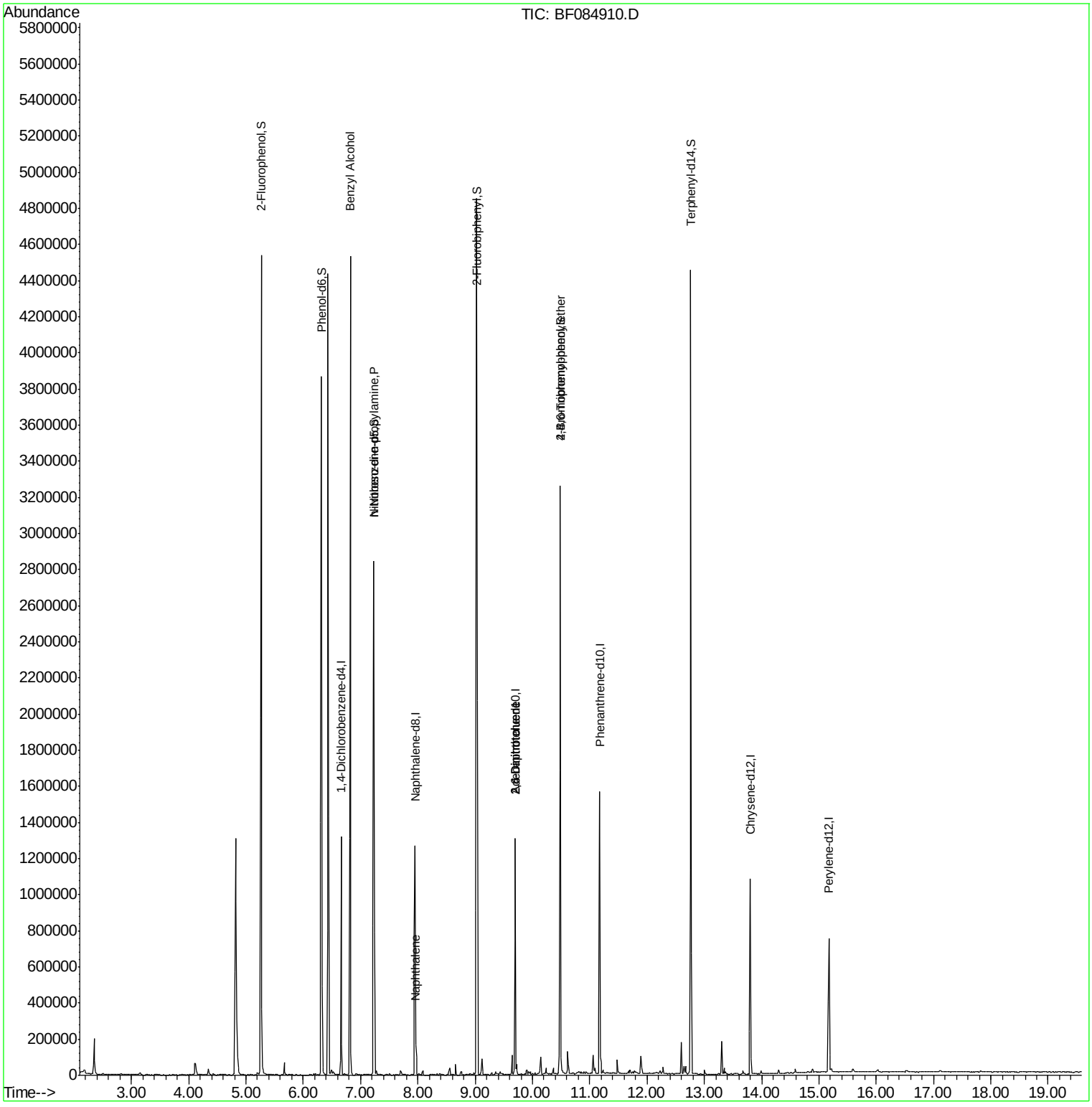
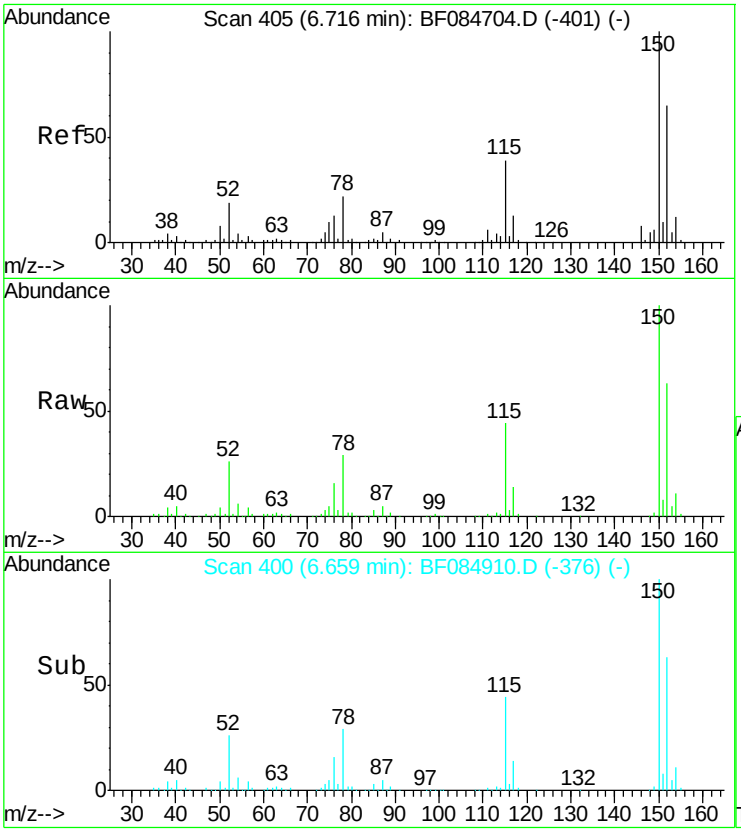


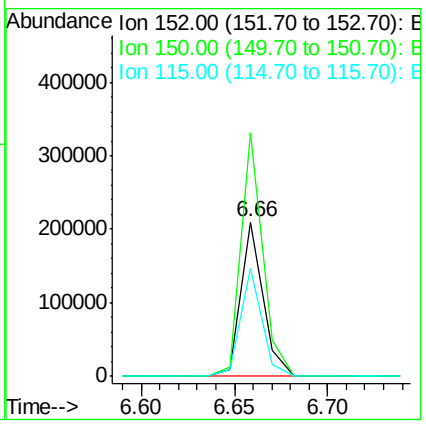


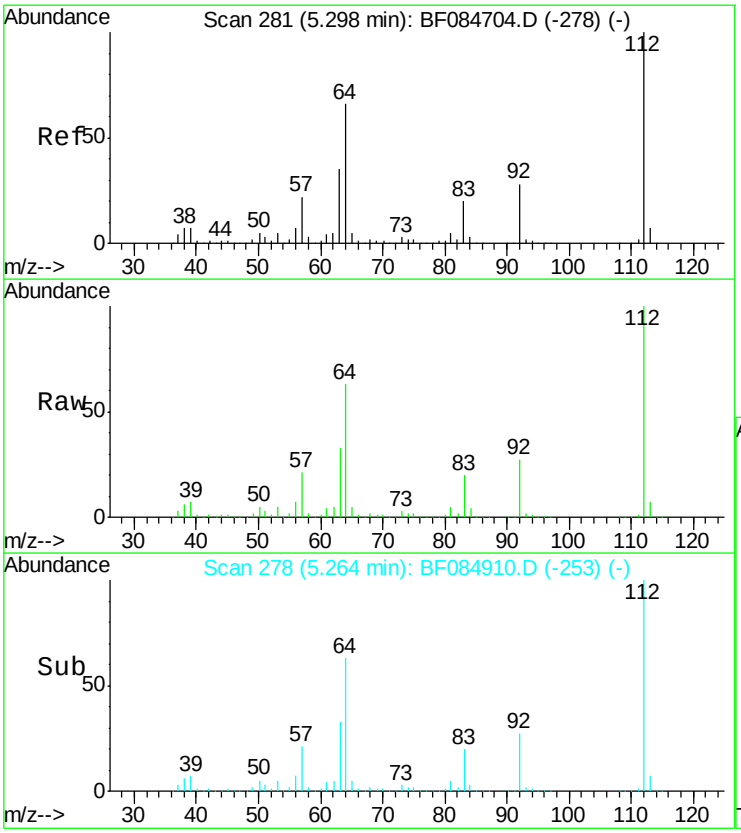
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion:152 Resp: 174147

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.4
115	69.5	51.4	77.2

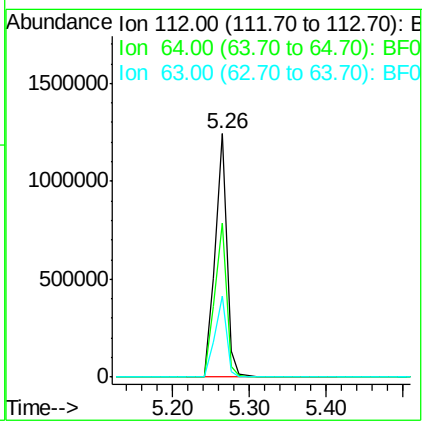


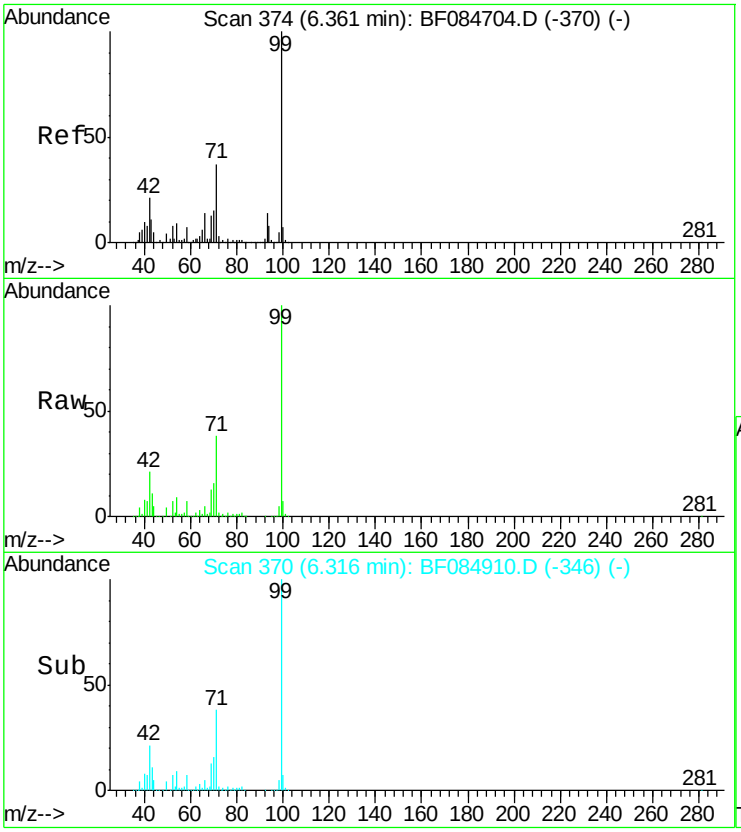


#5
2-Fluorophenol
Concen: 118.27 ng
RT: 5.26 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Tgt Ion:112 Resp: 1322348

Ion	Ratio	Lower	Upper
112	100		
64	63.3	36.6	55.0#
63	33.4	19.4	29.0#



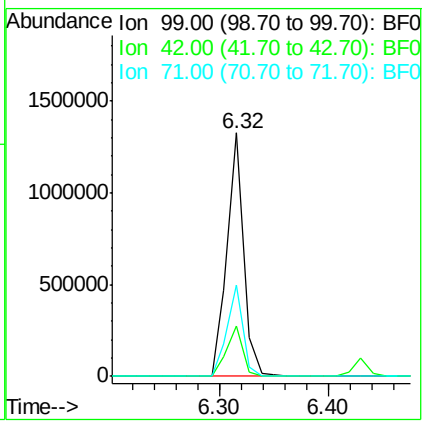


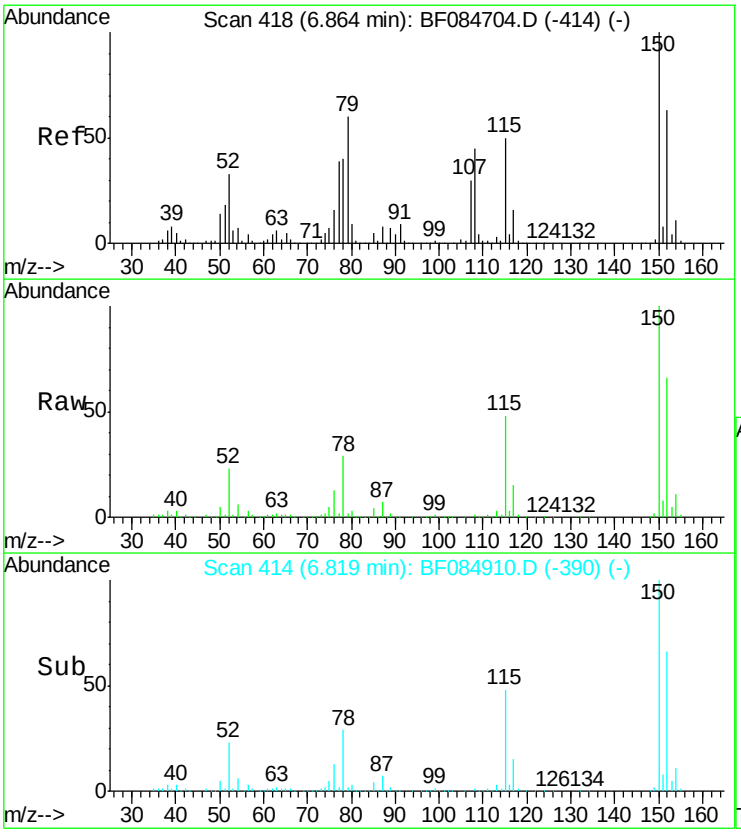
#7
Phenol-d6
Concen: 100.84 ng
RT: 6.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion: 99 Resp: 1397737

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	37.7	30.9	46.3

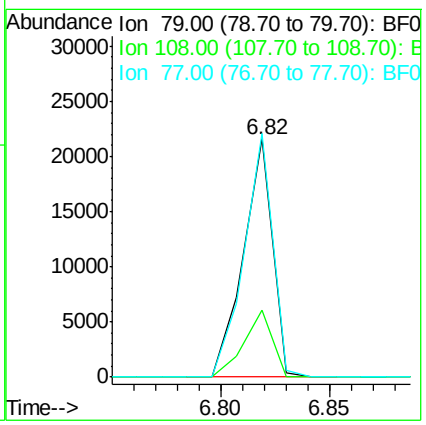


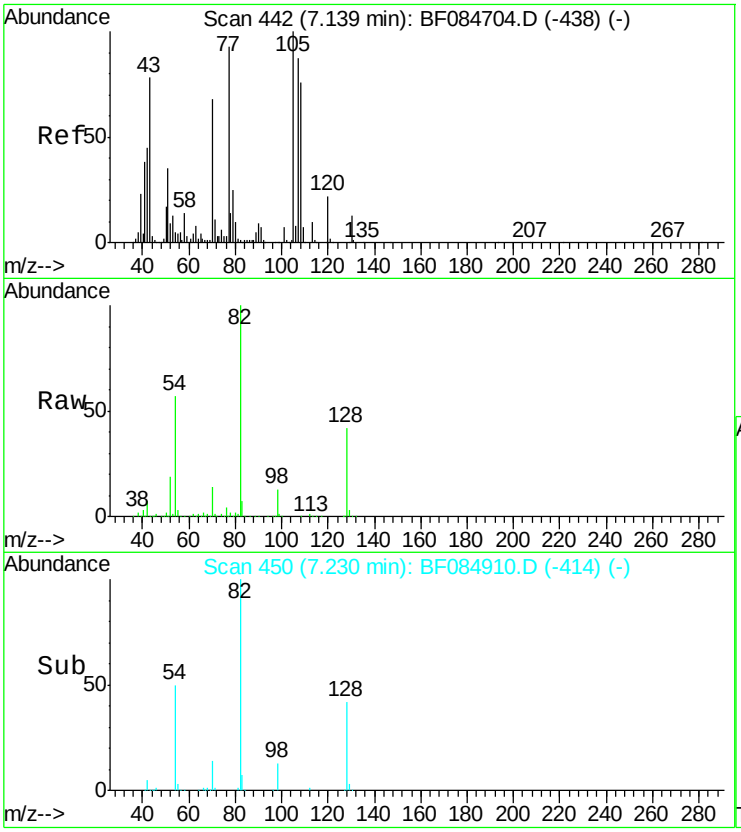


#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Tgt Ion: 79 Resp: 20117

Ion	Ratio	Lower	Upper
79	100		
108	28.3	69.0	103.4#
77	102.1	50.0	75.0#



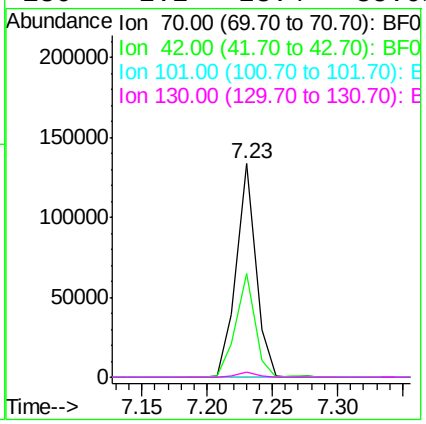


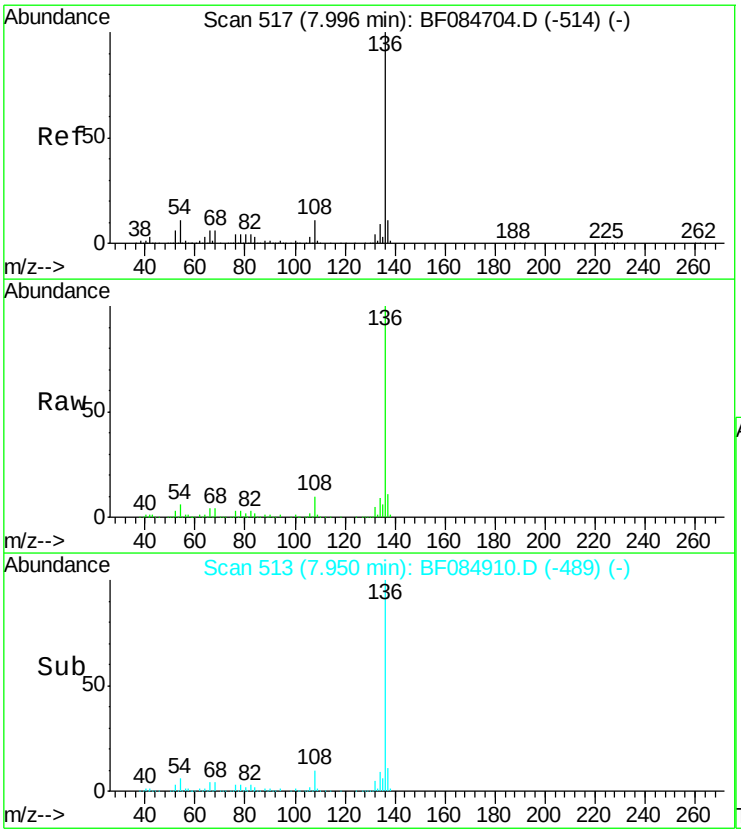
#19
n-Nitroso-di-n-propylamine
Concen: 16.15 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion: 70 Resp: 140287

Ion	Ratio	Lower	Upper
70	100		
42	48.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#

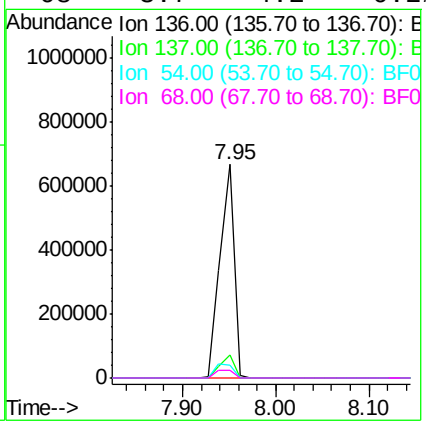


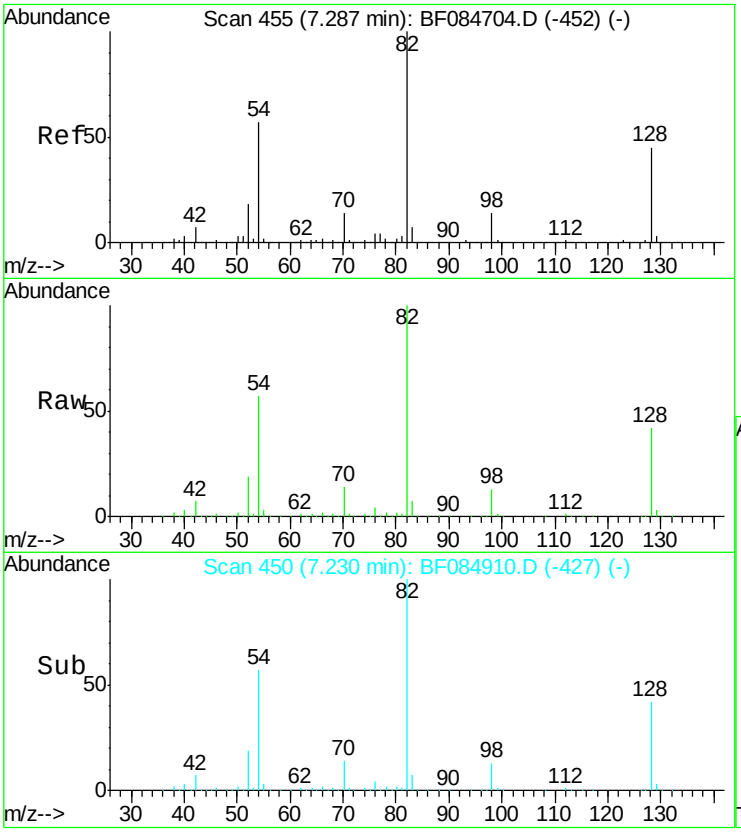


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Tgt Ion:136 Resp: 699669

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.1	5.8	8.8
68	3.7	4.2	6.2#



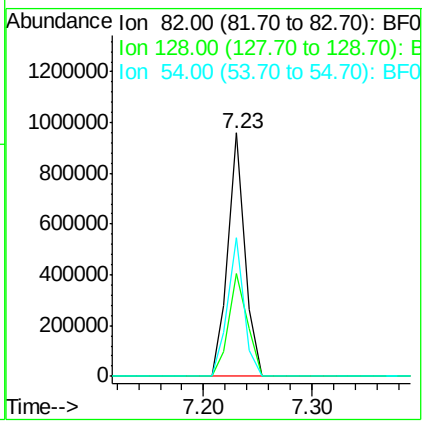


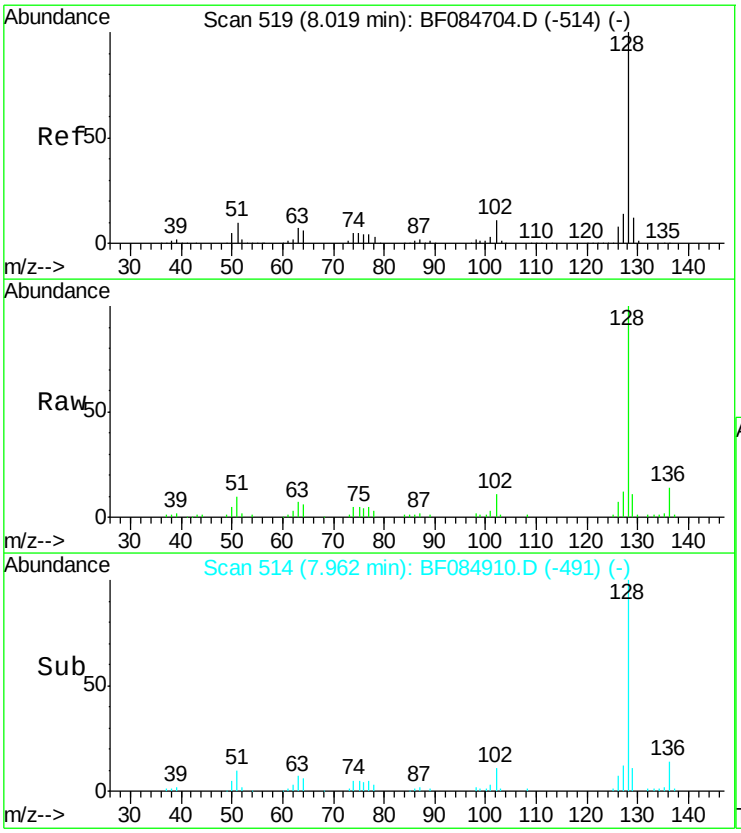
#23
Nitrobenzene-d5
Concen: 83.48 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion: 82 Resp: 1036852

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	56.7	38.4	57.6

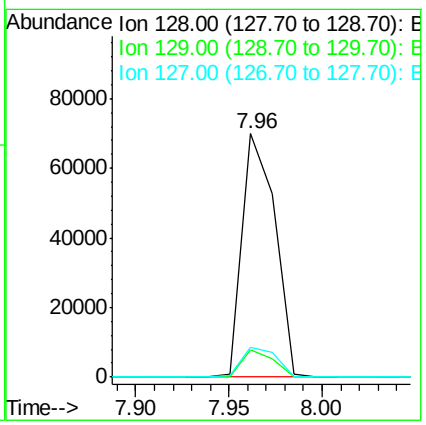


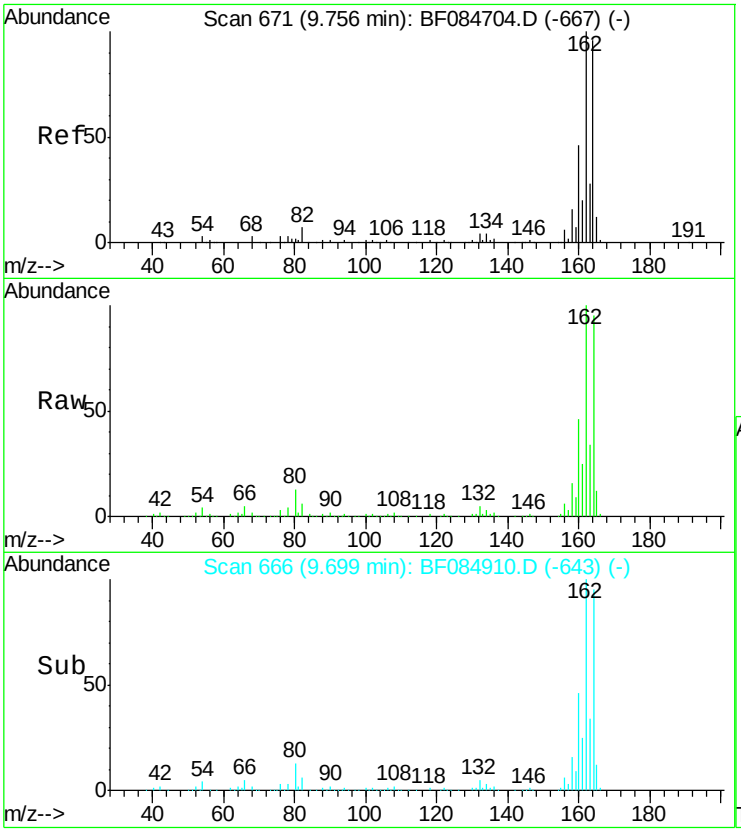


#31
Naphthalene
Concen: 2.43 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Tgt Ion:128 Resp: 85355

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	12.3	11.1	16.7



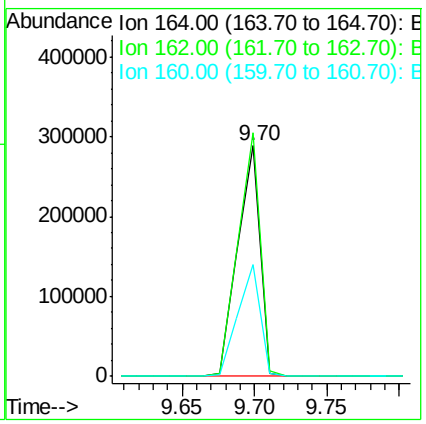


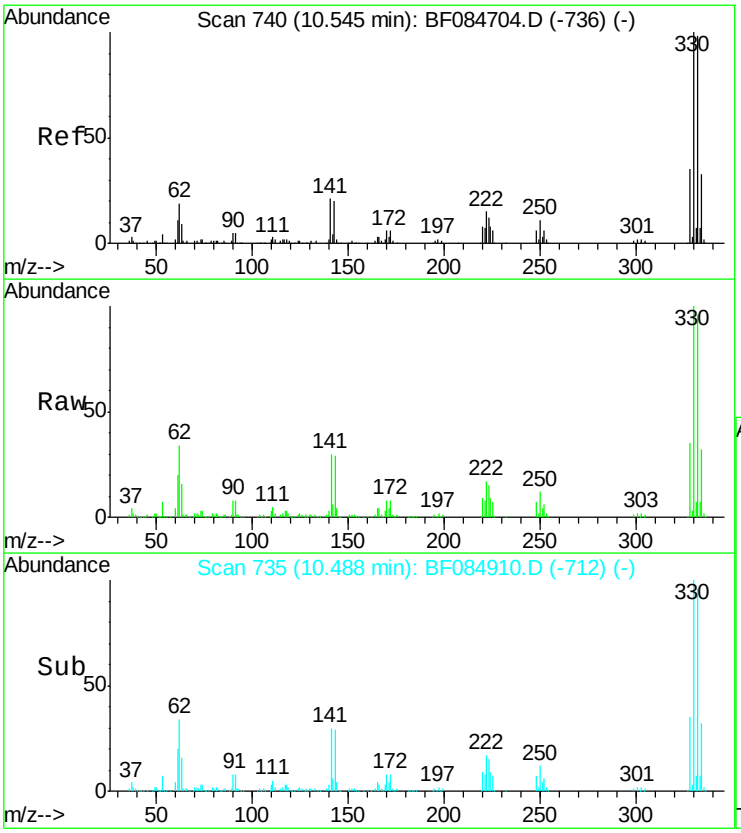
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion:164 Resp: 307898

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.1	127.7
160	48.6	37.5	56.3

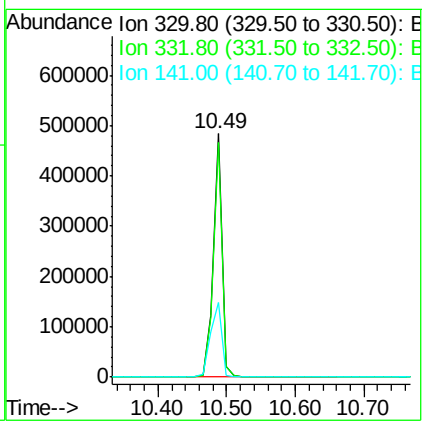


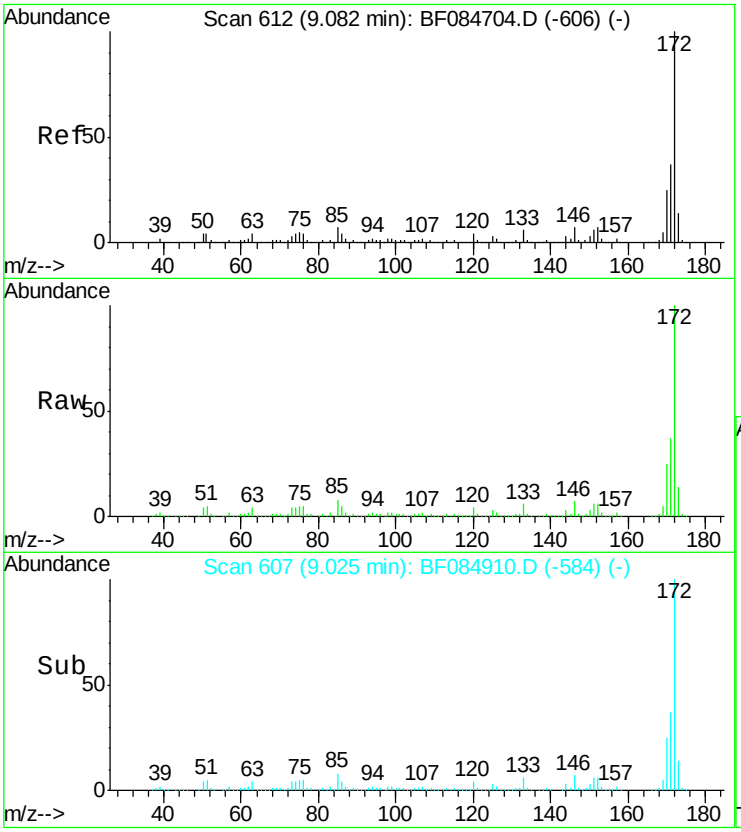


#41
2,4,6-Tribromophenol
Concen: 137.45 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Tgt Ion:330 Resp: 441453

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	38.4	27.8	41.6



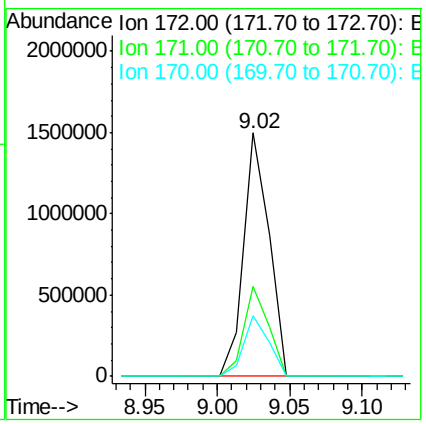


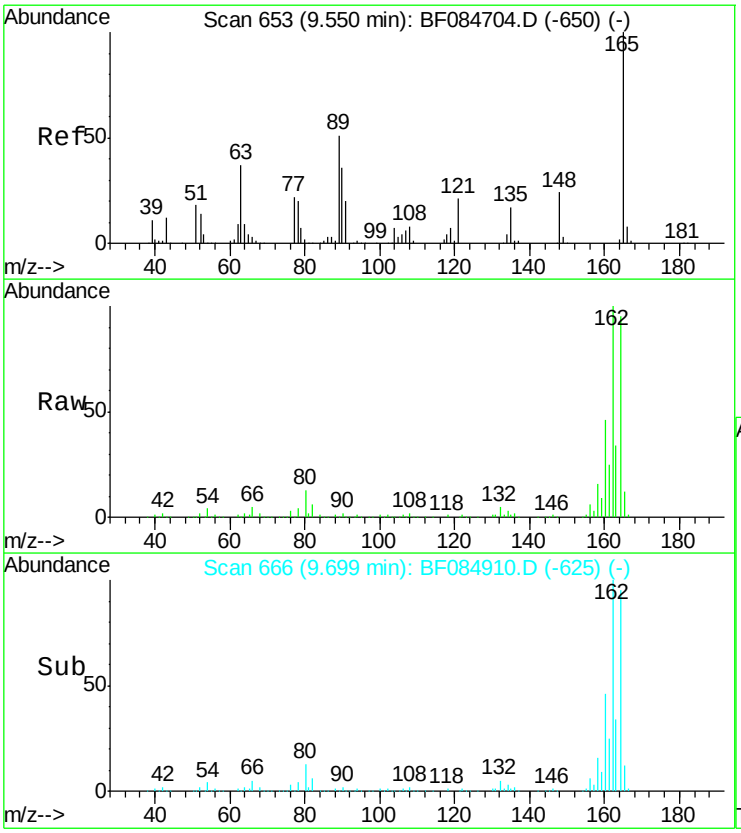
#44
2-Fluorobiphenyl
Concen: 110.65 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion:172 Resp: 1819059

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	25.1	18.6	27.8

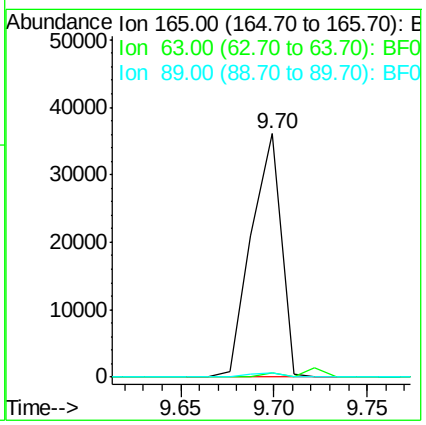


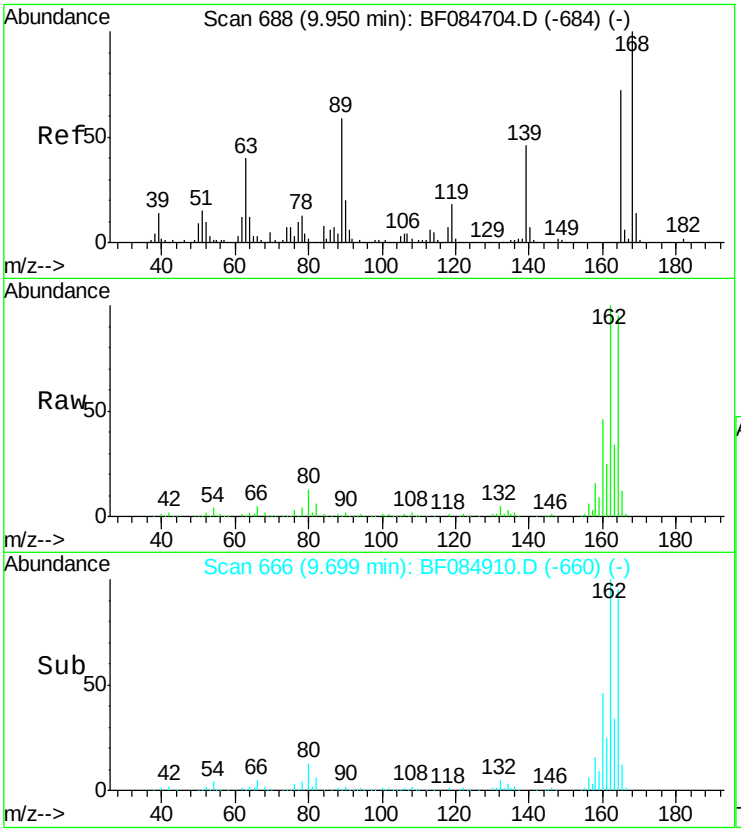


#50
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Tgt Ion:165 Resp: 39959

Ion	Ratio	Lower	Upper
165	100		
63	1.7	28.8	43.2#
89	1.6	35.1	52.7#



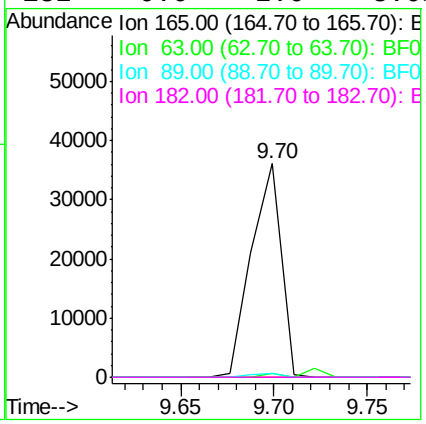


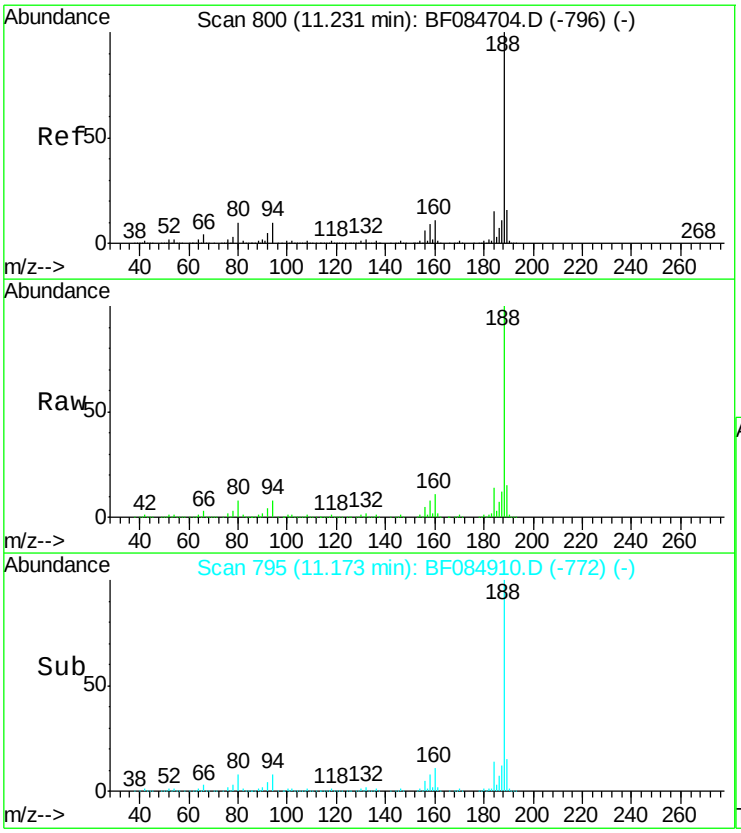
#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion:165 Resp: 39959

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#

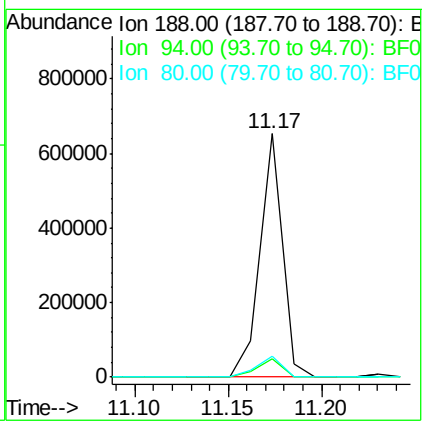


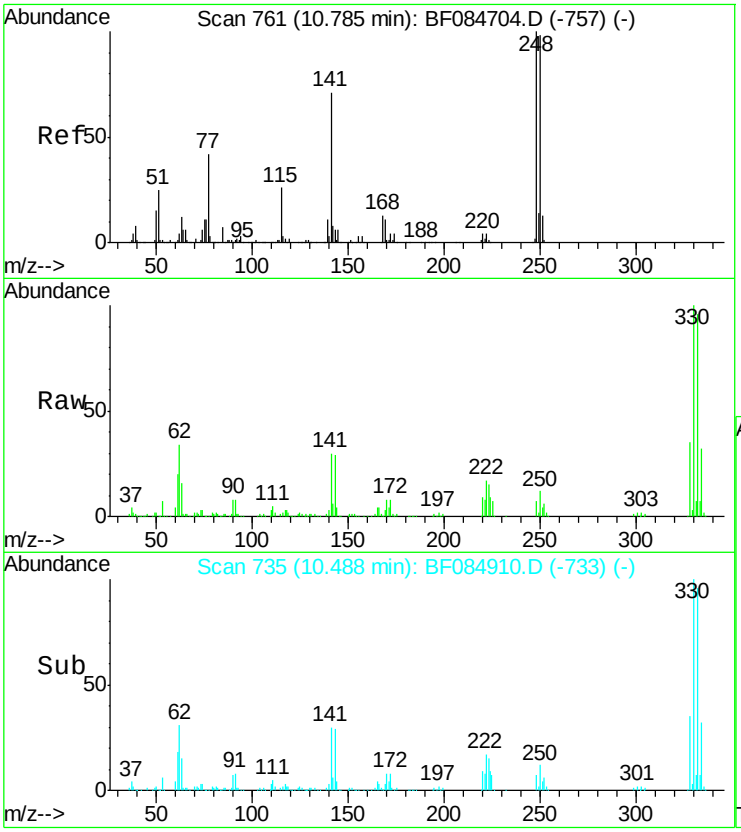


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Tgt Ion:188 Resp: 541617

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.4#
80	8.3	9.6	14.4#



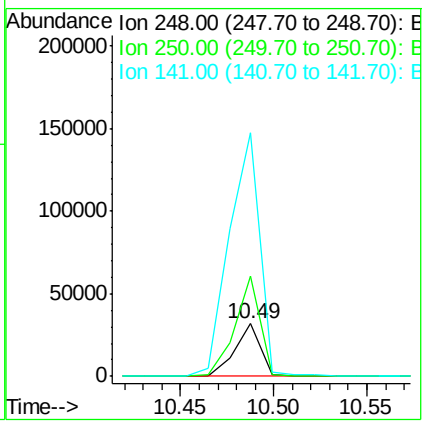


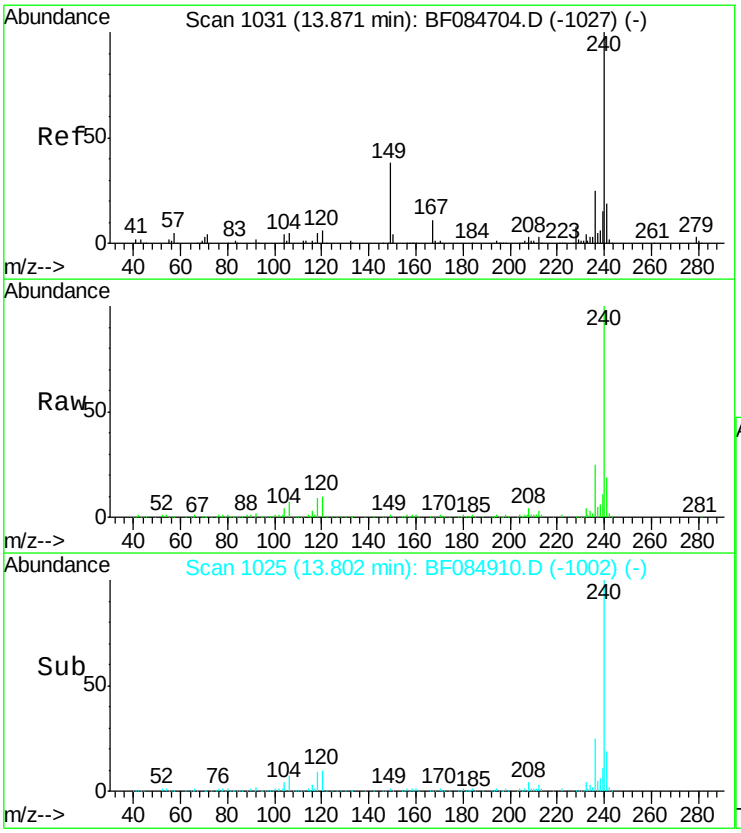
#66
4-Bromophenyl-phenylether
Concen: 5.09 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion:248 Resp: 30455

Ion	Ratio	Lower	Upper
248	100		
250	189.0	78.4	117.6#
141	461.1	44.0	66.0#

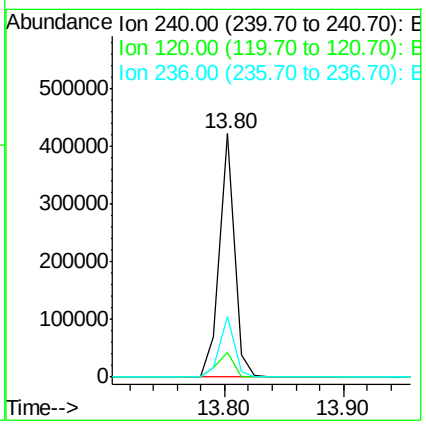


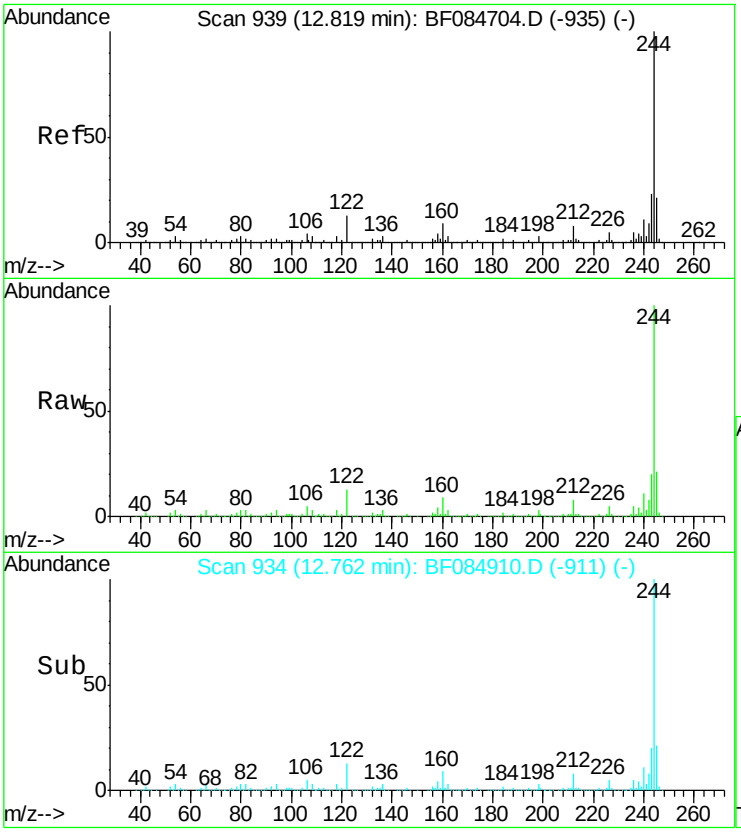


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Tgt Ion:240 Resp: 369288

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	24.8	20.6	31.0



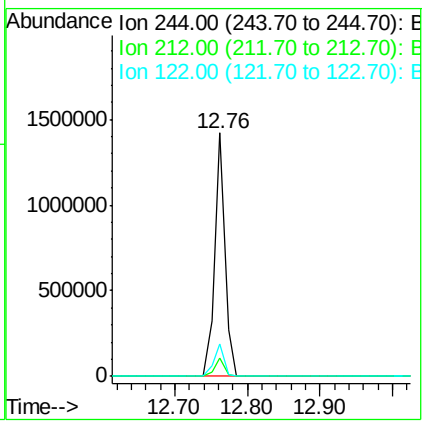


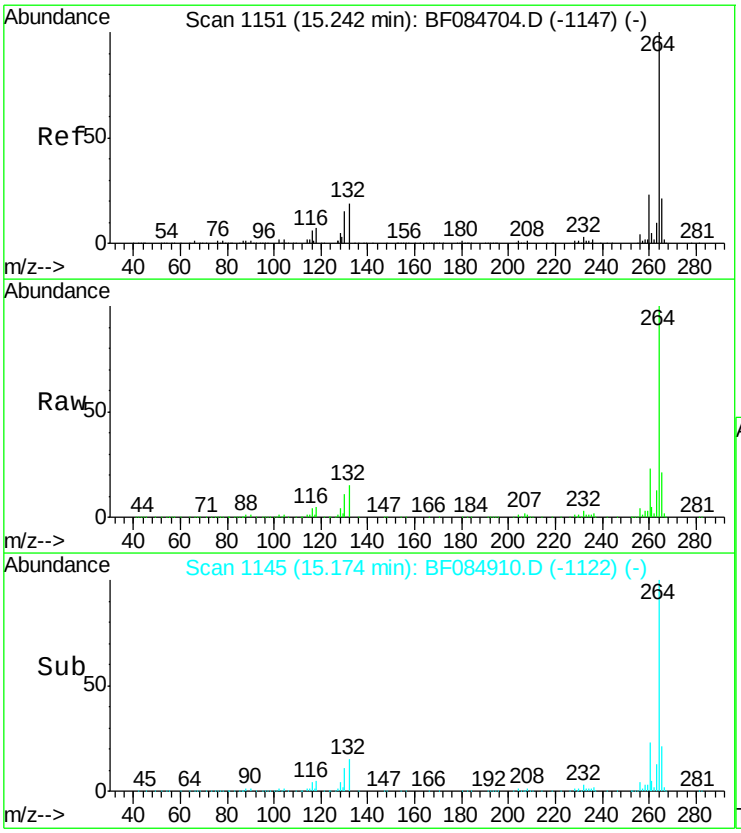
#78
Terphenyl-d14
Concen: 85.71 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084910.D
Acq: 6 Feb 2016 14:31

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion:244 Resp: 1396715

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	13.1	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: BF084910.D
Acq: 6 Feb 2016 14:31

Tgt Ion:264 Resp: 332547

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	20.9	17.8	26.6