Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084718.D
Acq On : 1 Feb 2016 19:25
Operator : SJ/IZ
Sample : H1283-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0539

Quant Time: Feb 02 00:32:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166678	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	714699	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	324528	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	648016	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	566804	20.00	ng	-0.01
86) Perylene-d12	15.24	264	399242	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	682568	63.79	ng	-0.01
7) Phenol-d6	6.35	99	512936	38.67	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1021757	80.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	479067	141.52	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	2041373	126.44	ng	-0.01
78) Terphenyl-d14	12.82	244	1882208	75.25	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	25456	3.25	ng	# 74
15) Benzyl Alcohol	6.86	79	18349	2.00	ng	# 46
19) n-Nitroso-di-n-propylamine	7.28	70	136196	16.38	ng	# 71
25) Isophorone	7.28	82	870829	35.30	ng	# 66
50) 2,6-Dinitrotoluene	9.74	165	41441	7.67	ng	# 37
56) 2,4-Dinitrotoluene	9.74	165	41441	6.02	ng	# 21
60) 4-Chlorophenyl-phenylether	10.29	204	291	Below Cal		# 24
66) 4-Bromophenyl-phenylether	10.53	248	27949	3.90	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084718.D
Acq On : 1 Feb 2016 19:25
Operator : SJ/IZ
Sample : H1283-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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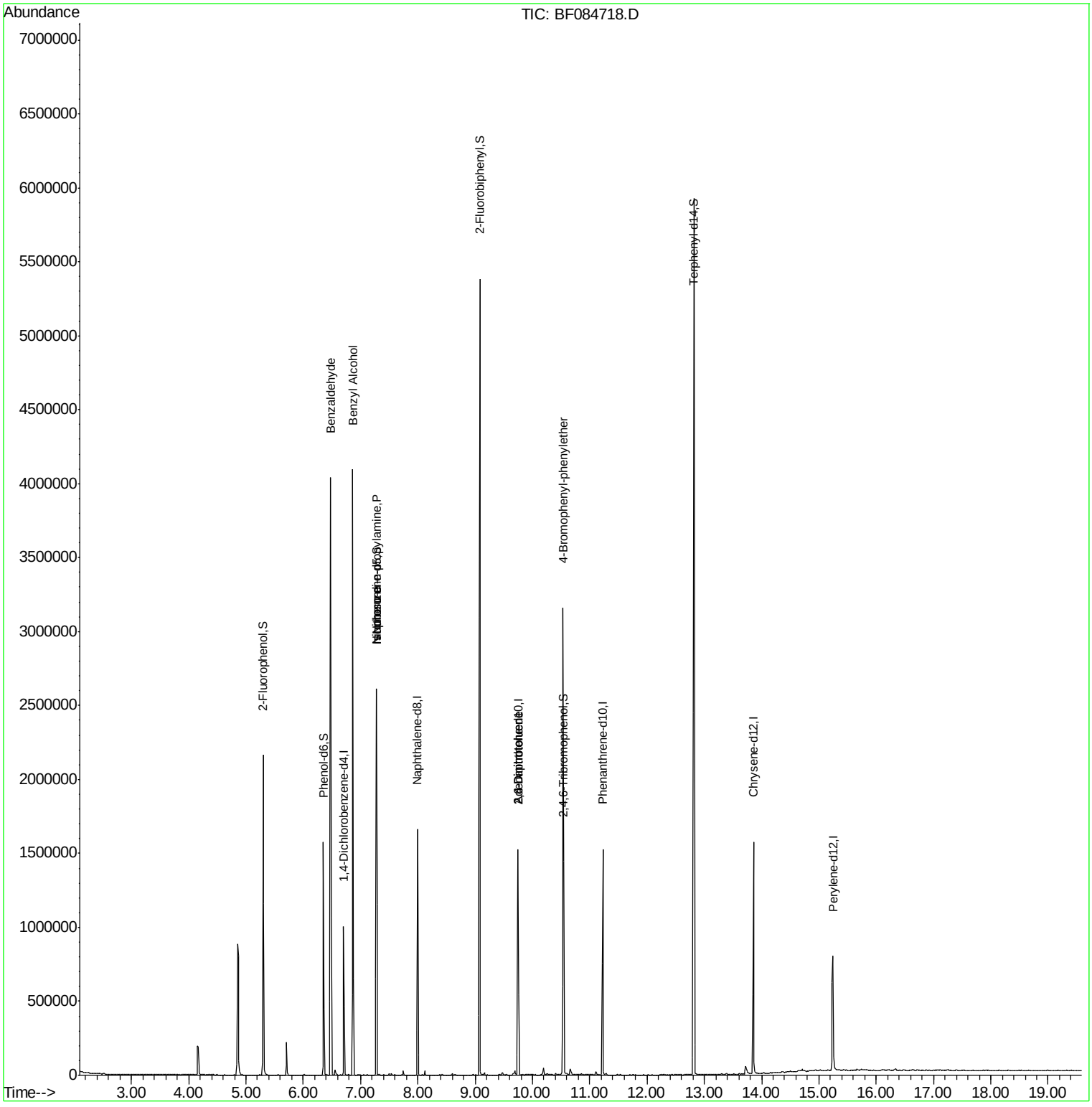
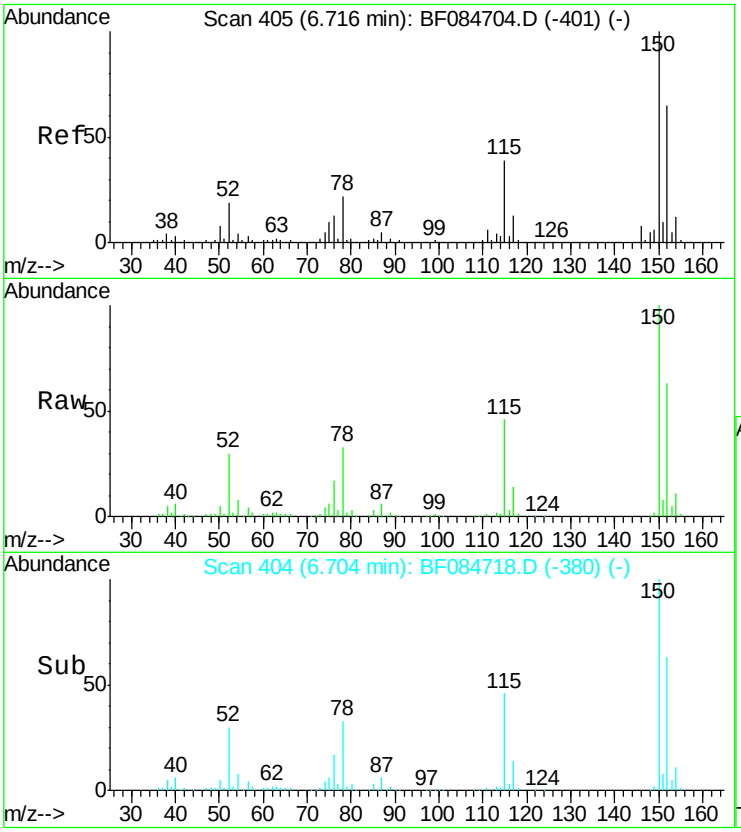


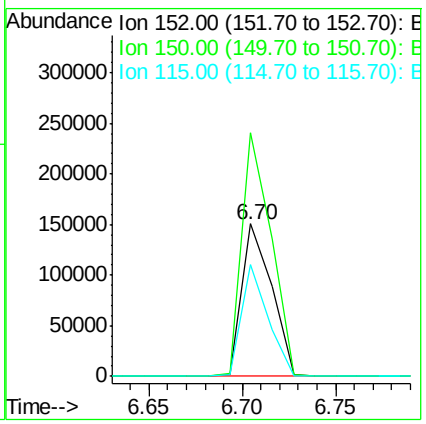


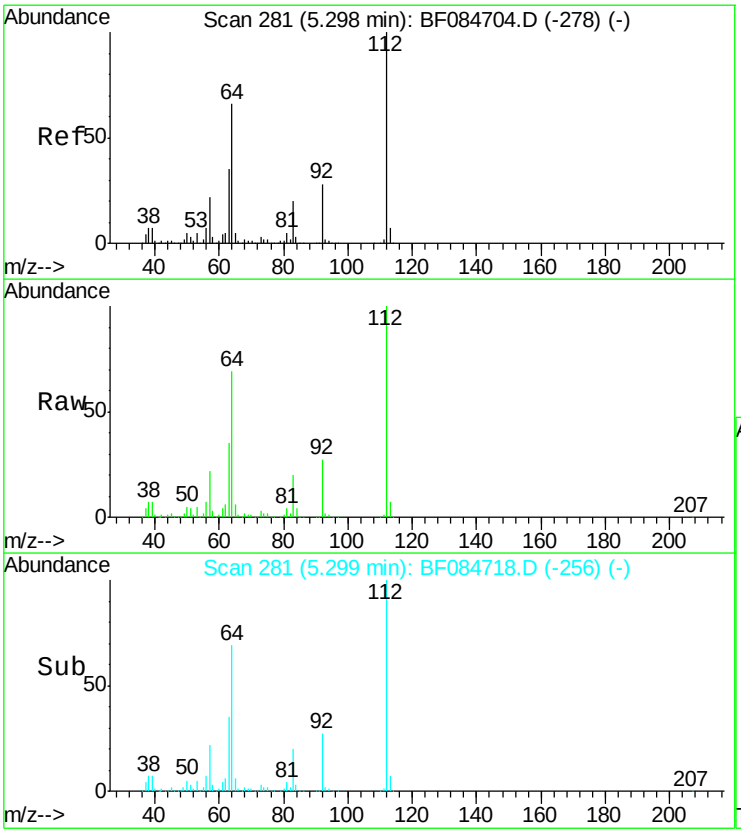
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Instrument :
BNA_F
ClientSampleId :
S8-0539

Tgt Ion:152 Resp: 166678

Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.0	184.4
115	73.7	51.4	77.2

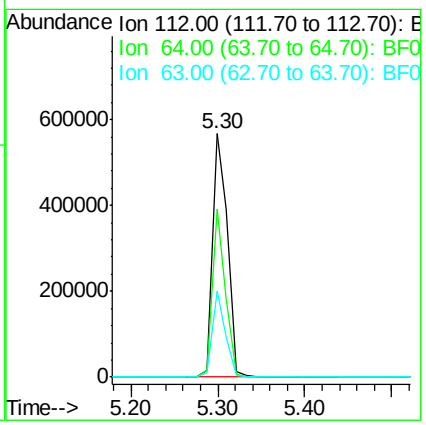


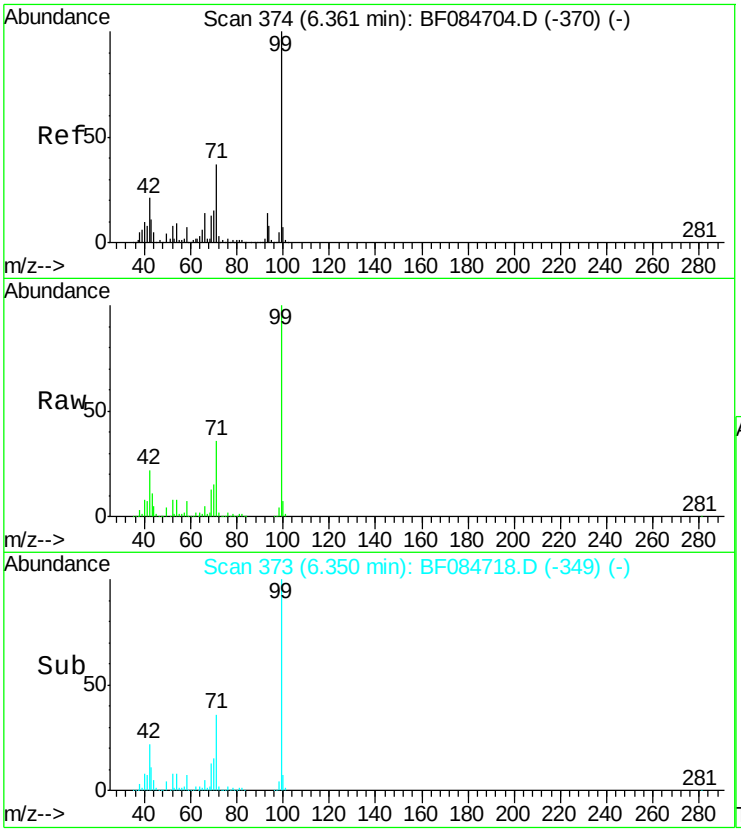


#5
2-Fluorophenol
Concen: 63.79 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.01 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Tgt Ion:112 Resp: 682568

Ion	Ratio	Lower	Upper
112	100		
64	69.2	36.6	55.0#
63	35.3	19.4	29.0#



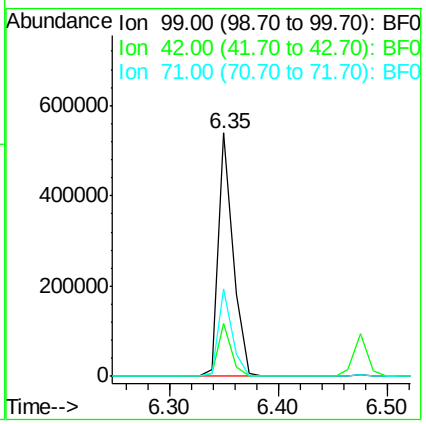


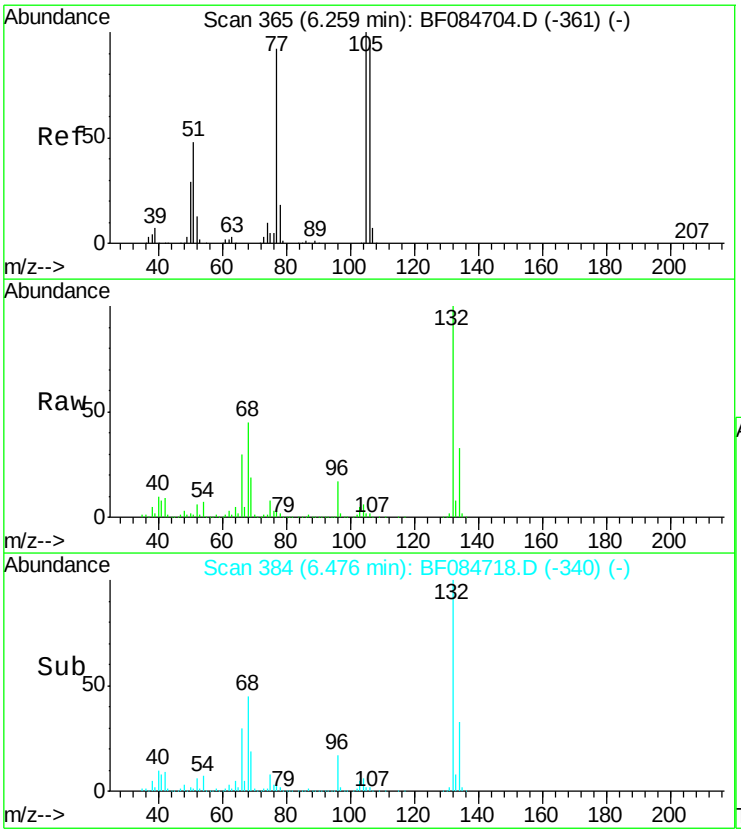
#7
Phenol-d6
Concen: 38.67 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.02 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Instrument :
BNA_F
ClientSampleId :
S8-0539

Tgt Ion: 99 Resp: 512936

Ion	Ratio	Lower	Upper
99	100		
42	21.9	12.8	19.2#
71	36.0	30.9	46.3

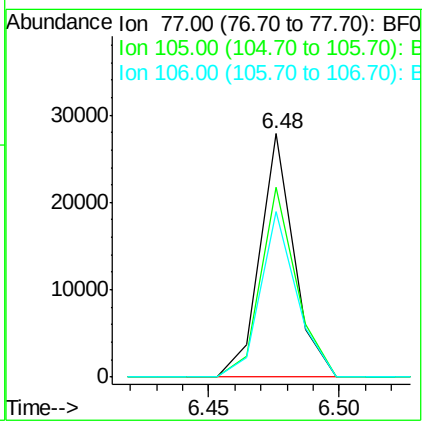


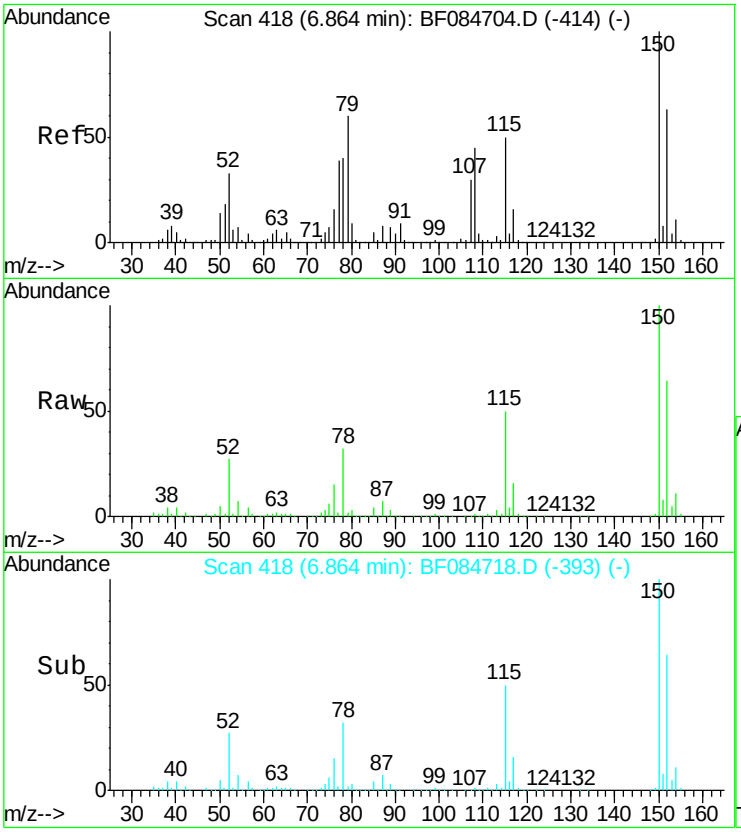


#9
Benzaldehyde
Concen: 3.25 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.21 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Tgt Ion: 77 Resp: 25456

Ion	Ratio	Lower	Upper
77	100		
105	78.0	83.0	123.0#
106	68.1	74.6	114.6#



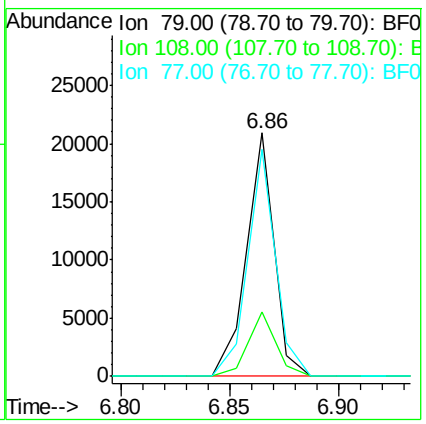


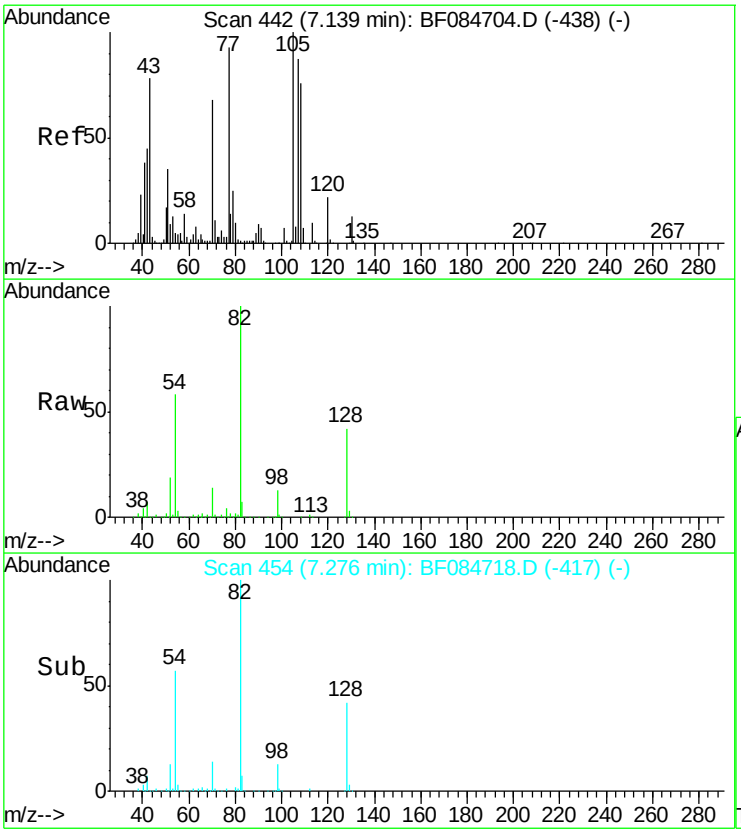
#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Instrument :
BNA_F
ClientSampleId :
S8-0539

Tgt Ion: 79 Resp: 18349

Ion	Ratio	Lower	Upper
79	100		
108	26.7	69.0	103.4#
77	93.4	50.0	75.0#

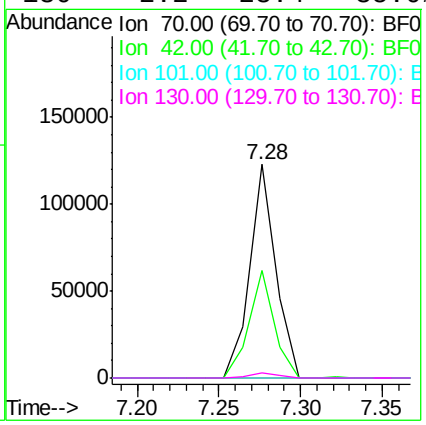


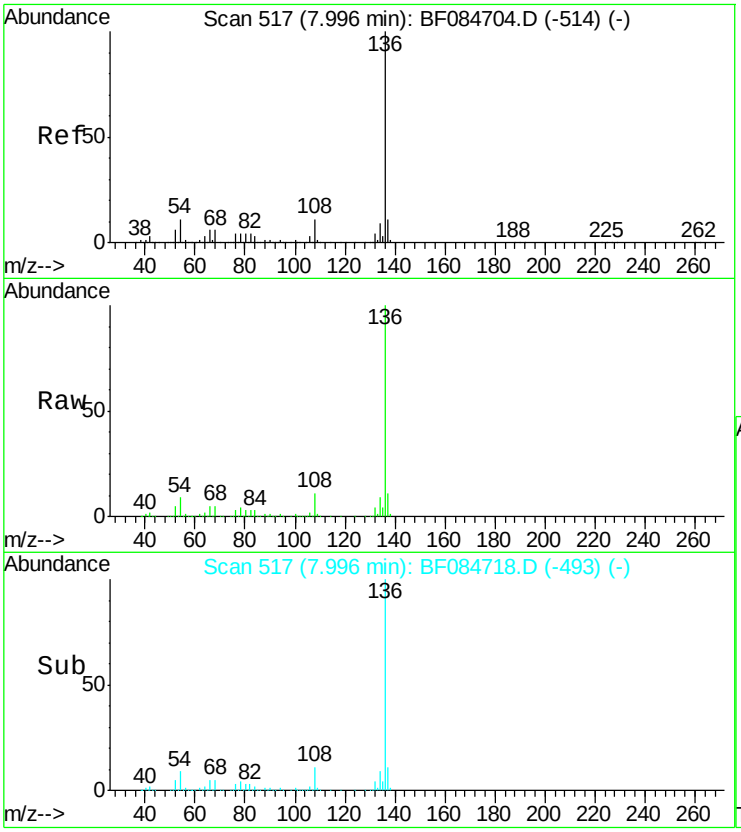


#19
n-Nitroso-di-n-propylamine
Concen: 16.38 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Tgt Ion: 70 Resp: 136196

Ion	Ratio	Lower	Upper
70	100		
42	50.4	33.3	49.9#
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



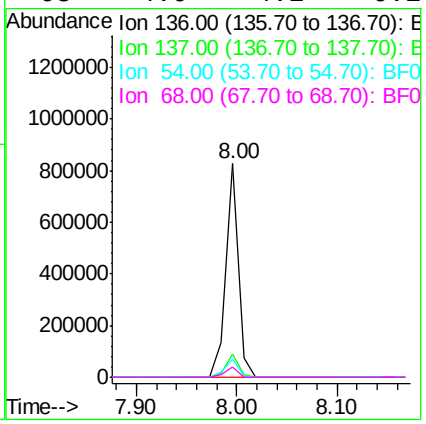


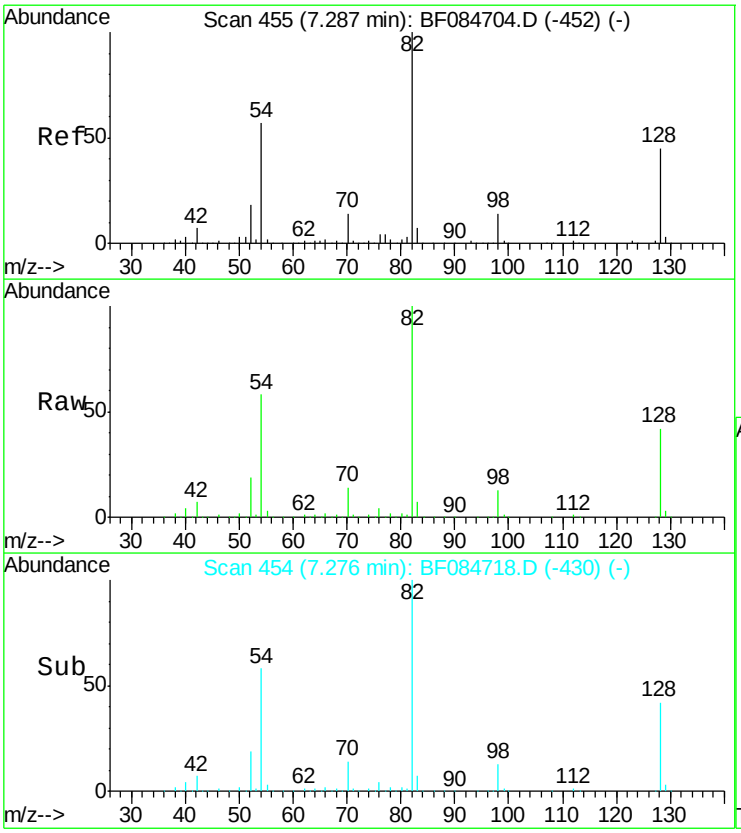
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Instrument :
BNA_F
ClientSampleId :
S8-0539

Tgt Ion:136 Resp: 714699

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.7	5.8	8.8
68	4.9	4.2	6.2

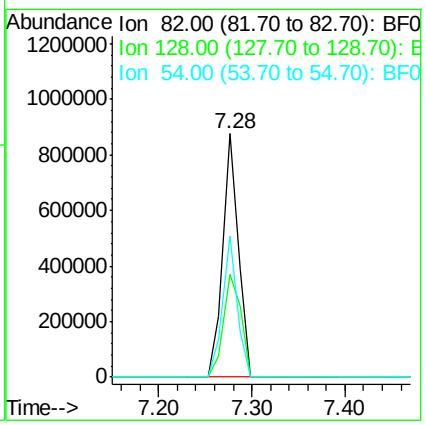


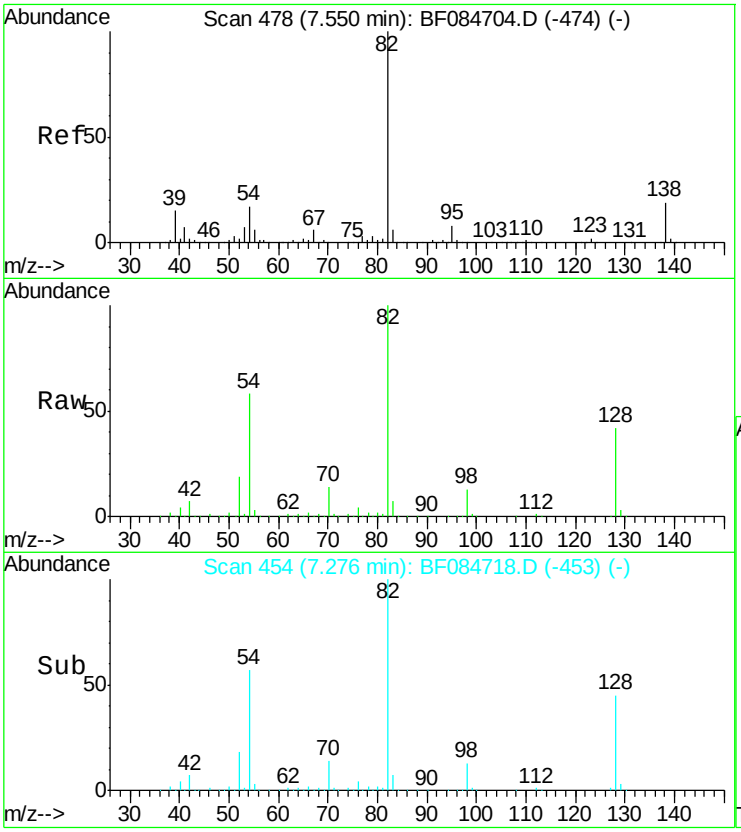


#23
Nitrobenzene-d5
Concen: 80.53 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Tgt Ion: 82 Resp: 1021757

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	58.1	38.4	57.6#



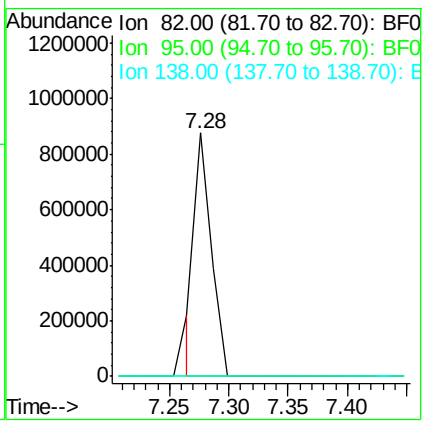


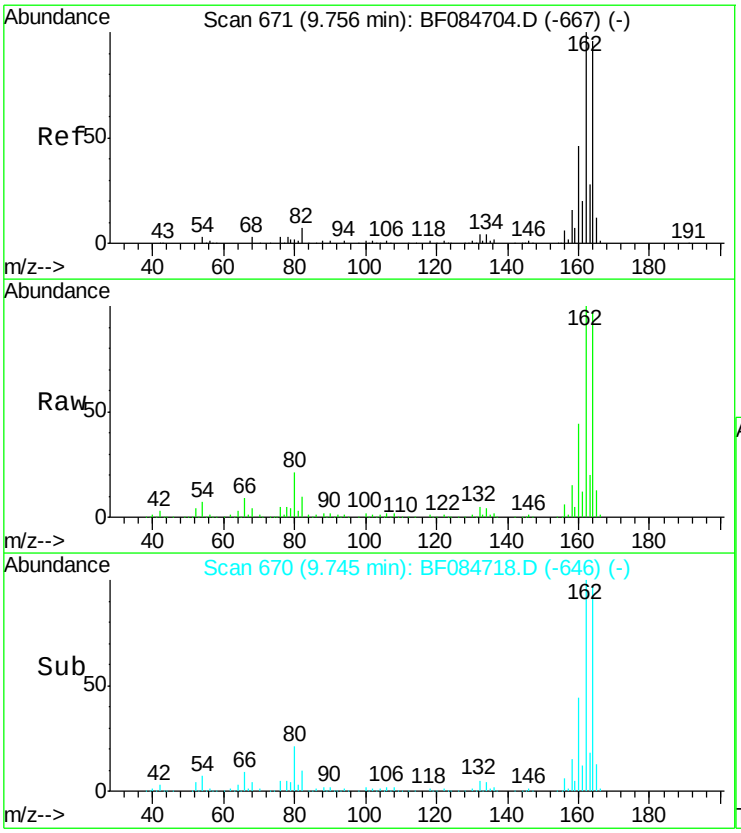
#25
Isophorone
Concen: 35.30 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.29 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Instrument :
BNA_F
ClientSampleId :
S8-0539

Tgt Ion: 82 Resp: 870829

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

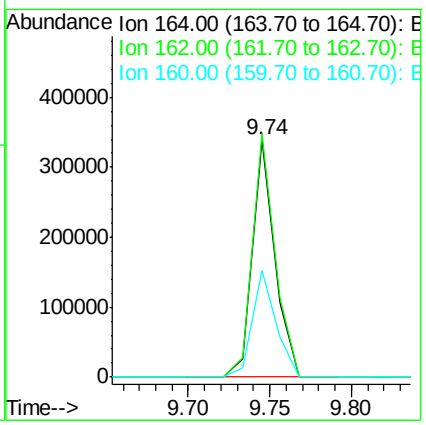


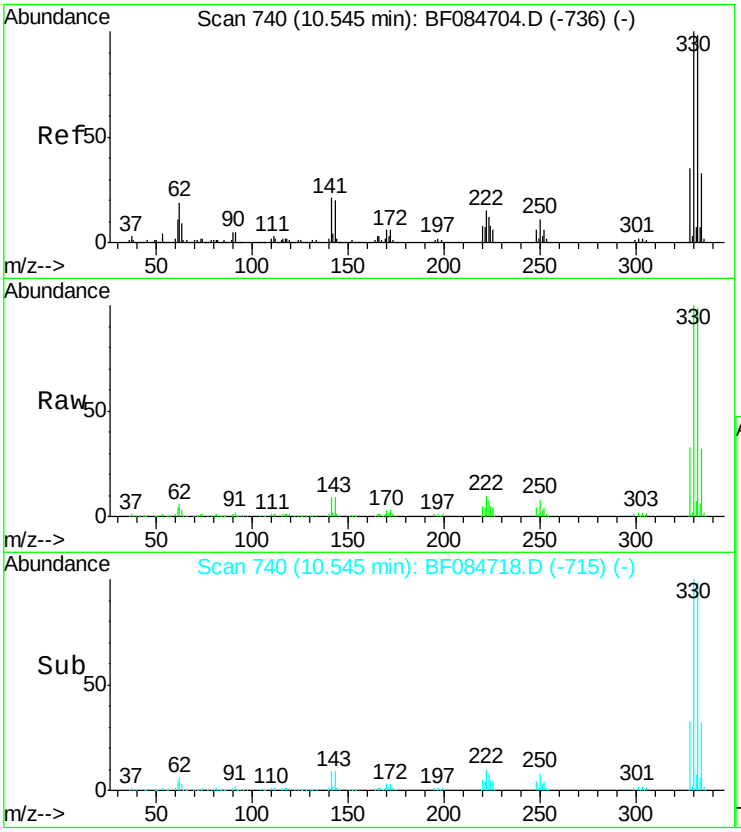


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Tgt Ion:164 Resp: 324528

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	44.9	37.5	56.3



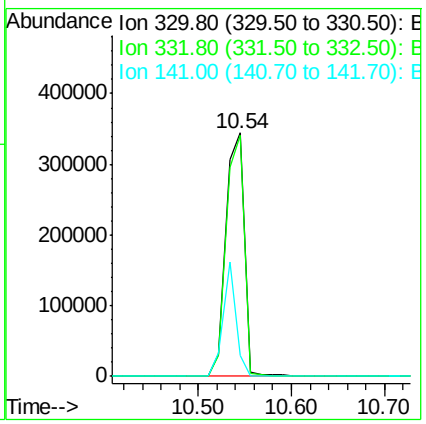


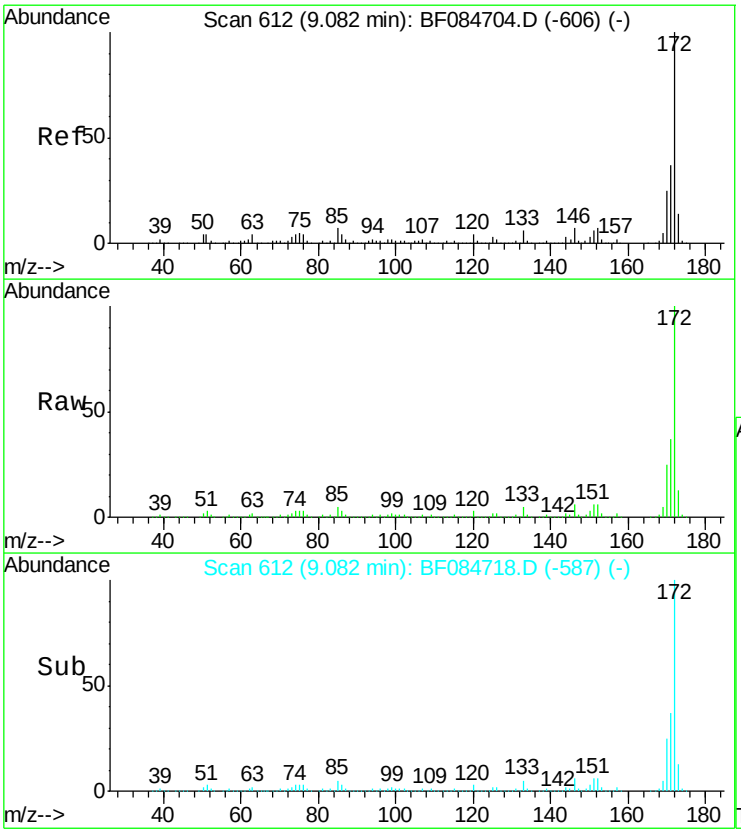
#41
2,4,6-Tribromophenol
Concen: 141.52 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Instrument :
BNA_F
ClientSampleId :
S8-0539

Tgt Ion:330 Resp: 479067

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	32.8	27.8	41.6

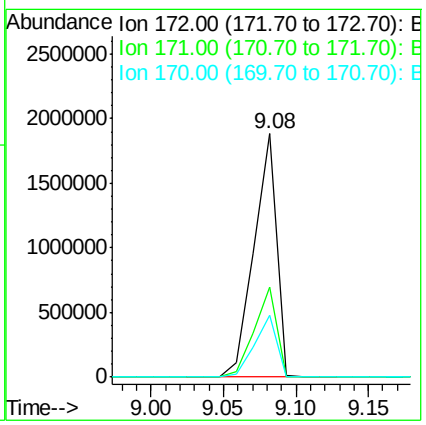


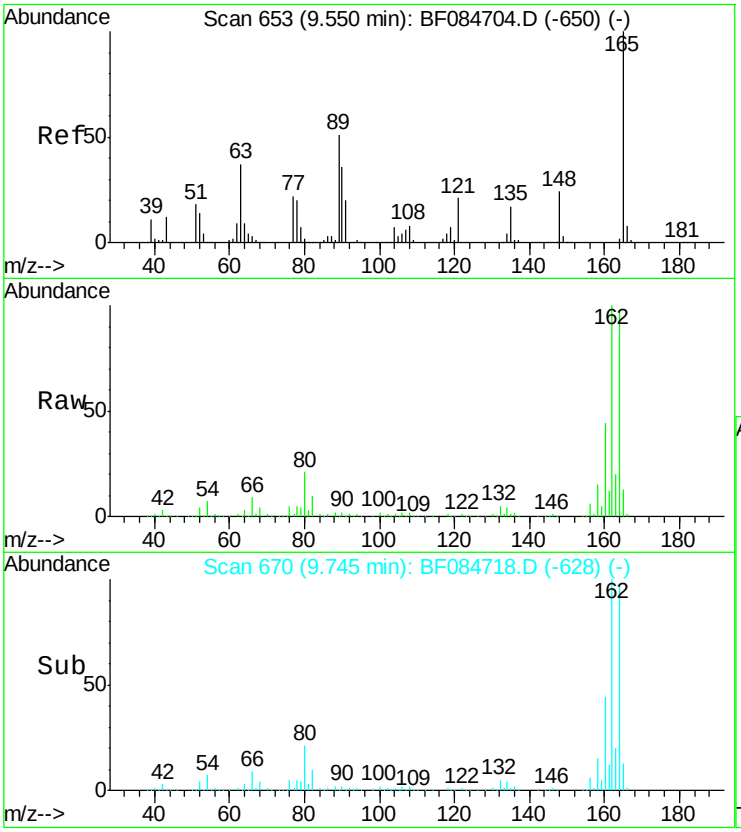


#44
2-Fluorobiphenyl
Concen: 126.44 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Tgt Ion:172 Resp: 2041373

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	25.3	18.6	27.8



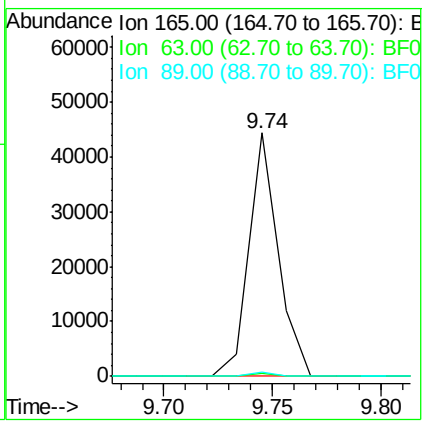


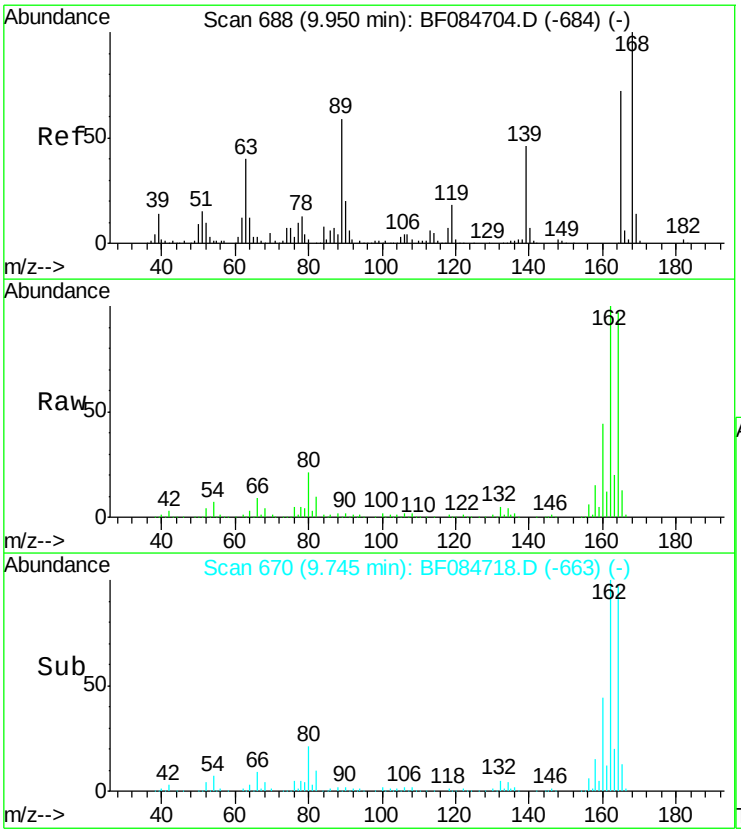
#50
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.18 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Instrument :
BNA_F
ClientSampleId :
S8-0539

Tgt Ion:165 Resp: 41441

Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.8	43.2#
89	1.7	35.1	52.7#

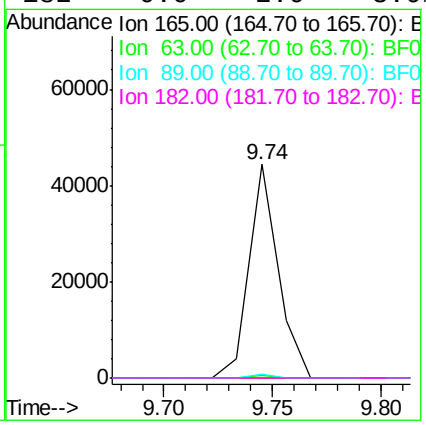


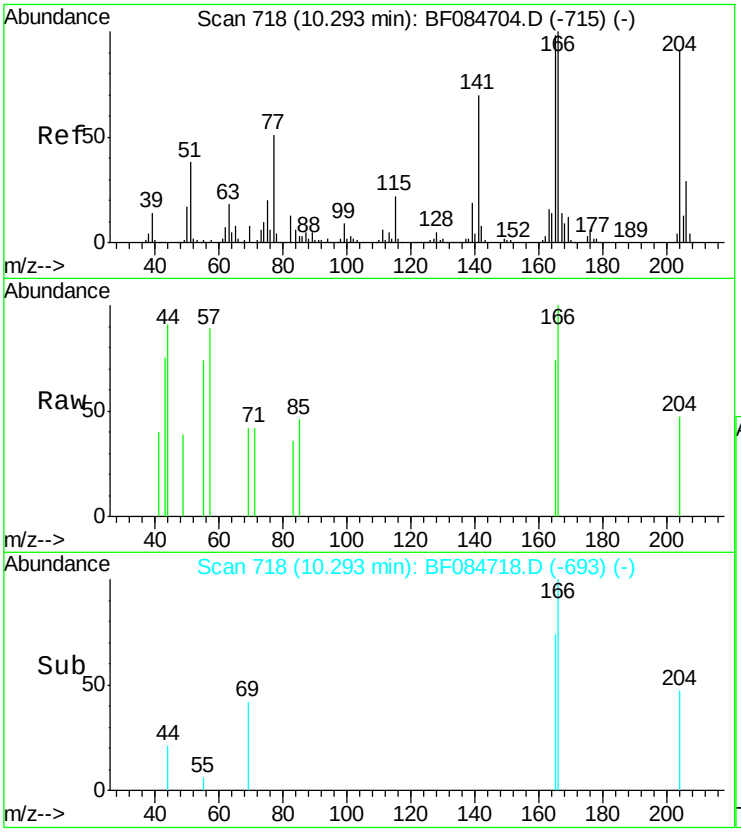


#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.22 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Tgt Ion:165 Resp: 41441

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#



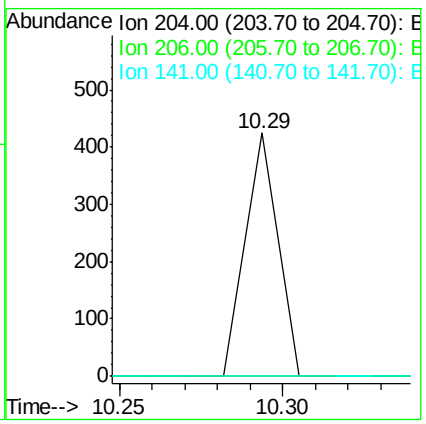


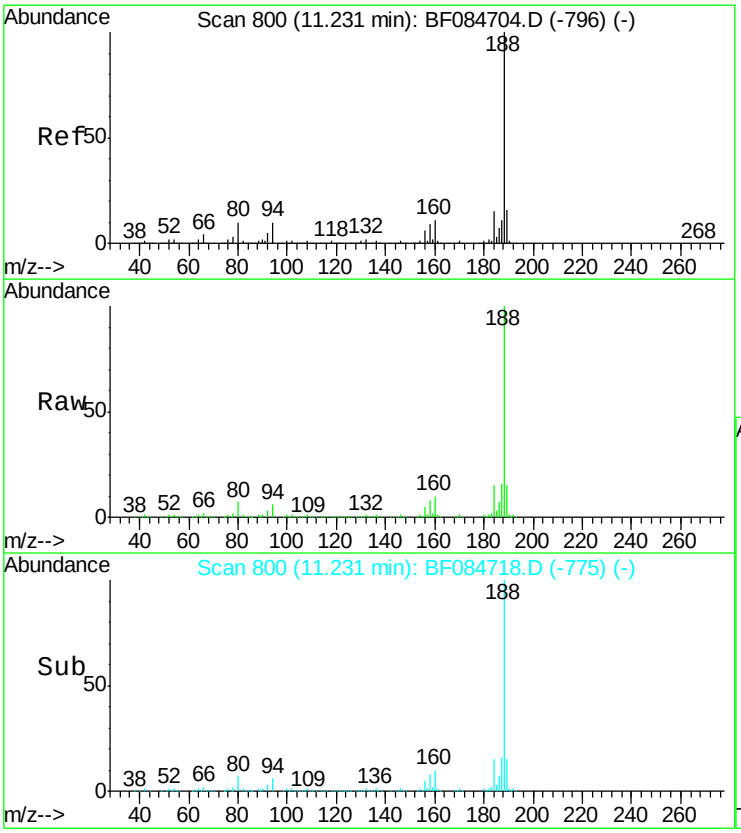
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Instrument :
BNA_F
ClientSampleId :
S8-0539

Tgt Ion:204 Resp: 291

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	0.0	55.1	82.7#

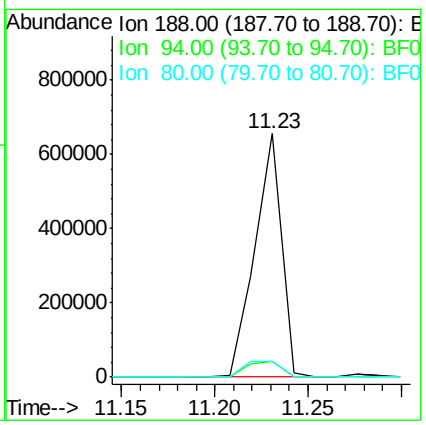


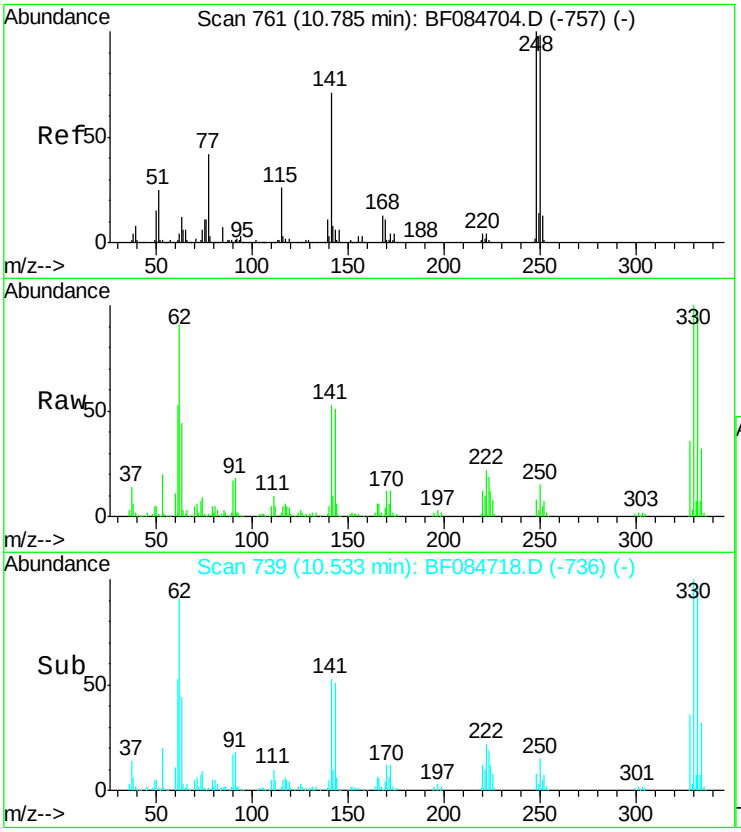


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Tgt Ion:188 Resp: 648016

Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.4#
80	6.5	9.6	14.4#



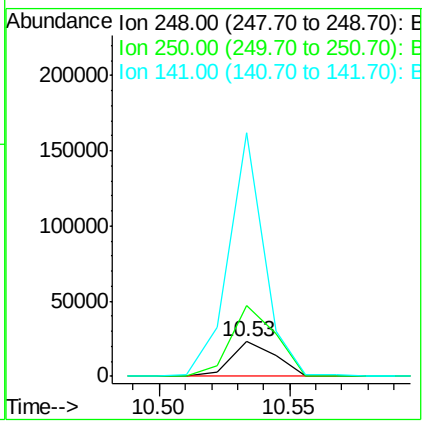


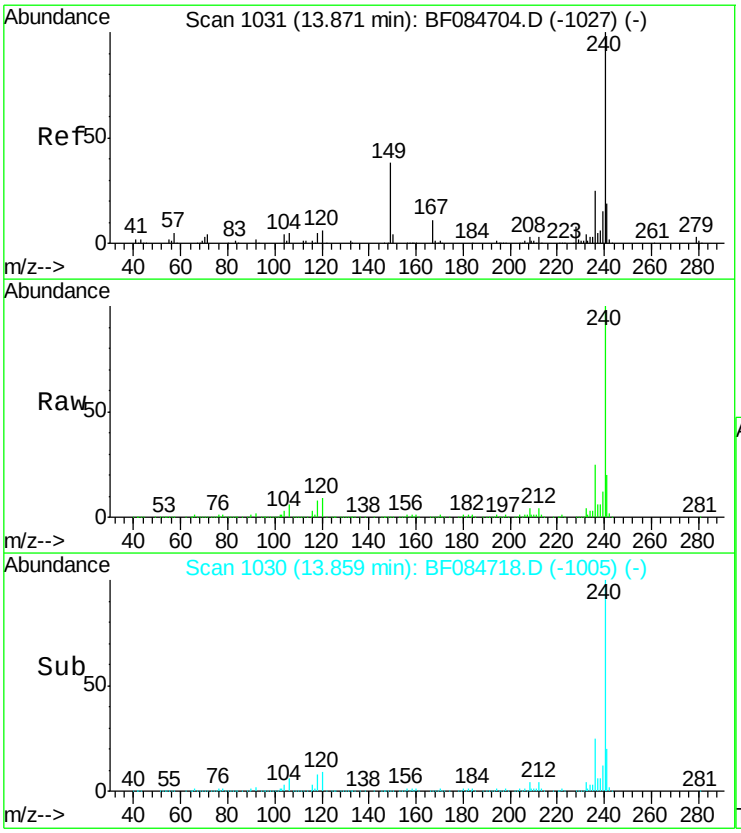
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.26 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Instrument :
BNA_F
ClientSampleId :
S8-0539

Tgt Ion:248 Resp: 27949

Ion	Ratio	Lower	Upper
248	100		
250	201.4	78.4	117.6#
141	697.0	44.0	66.0#

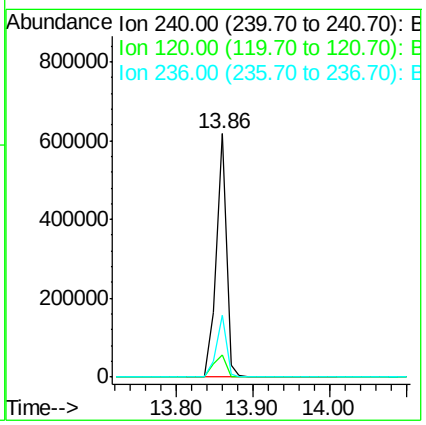


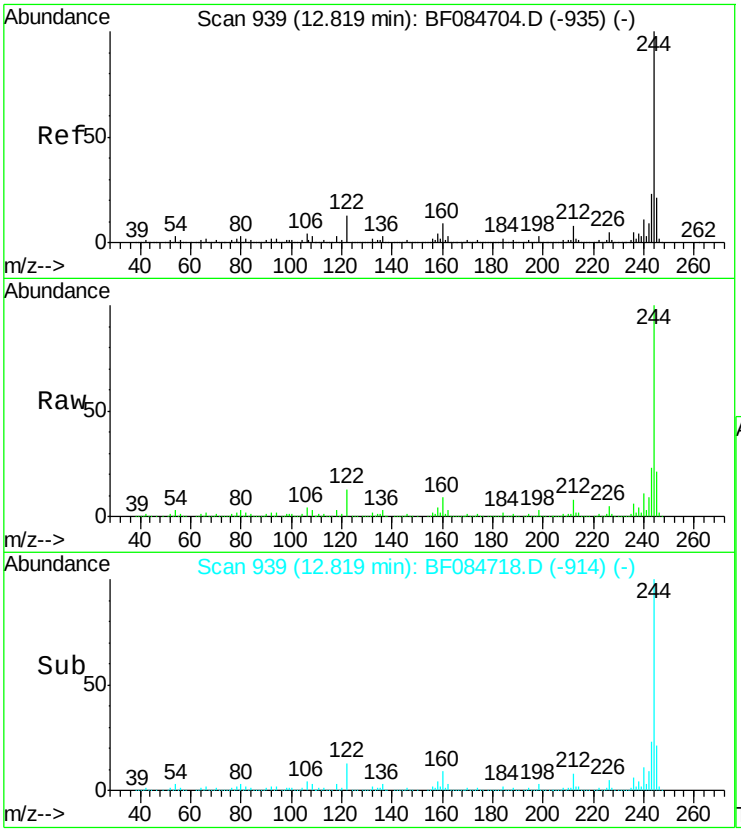


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Tgt Ion:240 Resp: 566804

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.3	20.6	31.0



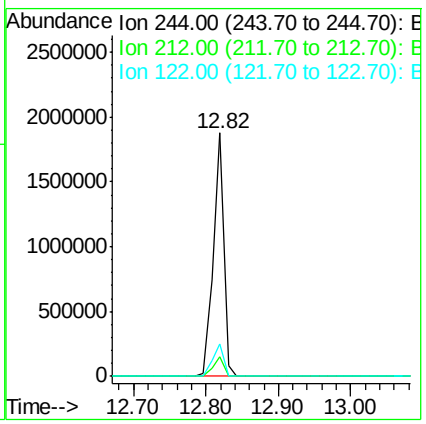


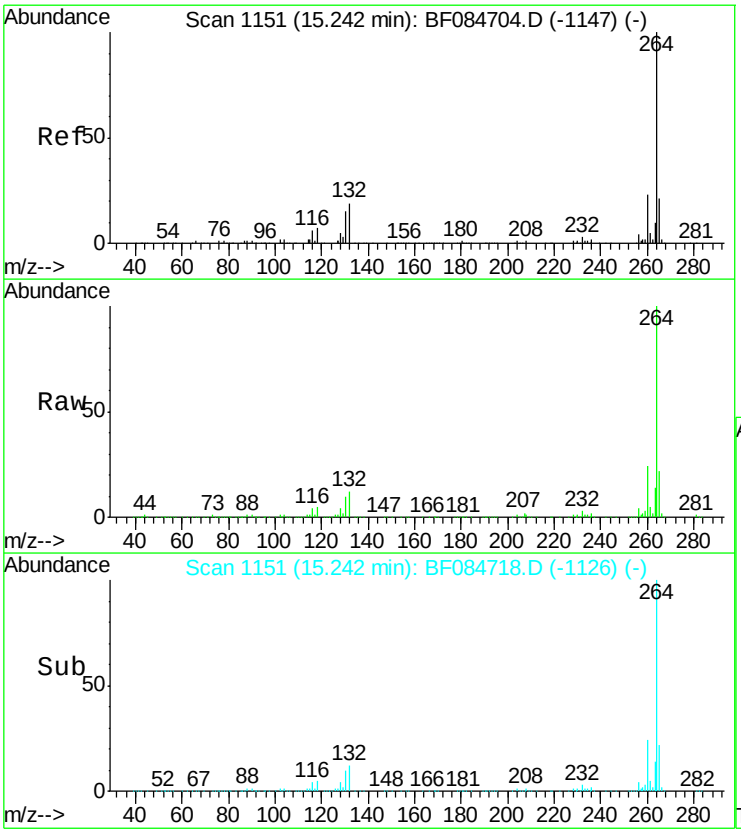
#78
Terphenyl-d14
Concen: 75.25 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Instrument :
BNA_F
ClientSampleId :
S8-0539

Tgt Ion:244 Resp: 1882208

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	13.1	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084718.D
Acq: 1 Feb 2016 19:25

Tgt Ion:264 Resp: 399242

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.6	17.8	26.6