Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084591.D
Acq On : 22 Jan 2016 16:04
Operator : SJ/IZ
Sample : H1200-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE

Quant Time: Jan 22 22:08:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	9659	20.00	ng	0.07
21) Naphthalene-d8	8.03	136	847514	20.00	ng	-0.09
38) Acenaphthene-d10	9.78	164	394708	20.00	ng	-0.09
63) Phenanthrene-d10	11.26	188	730075	20.00	ng	-0.09
75) Chrysene-d12	13.89	240	565534	20.00	ng	-0.10
86) Perylene-d12	15.29	264	438105	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	8017	13.43	ng	-0.10
7) Phenol-d6	6.38	99	8375	11.17	ng	-0.09
23) Nitrobenzene-d5	7.31	82	16696	1.10	ng	-0.09
41) 2,4,6-Tribromophenol	10.57	330	3123	0.78	ng	-0.10
44) 2-Fluorobiphenyl	9.10	172	31194	-5.33	ng	-0.09
78) Terphenyl-d14	12.85	244	22115	0.87	ng	-0.09
Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	1595	5.64	ng	# 27
17) 2-Methylphenol	7.17	107	5428	9.56	ng	# 74
19) n-Nitroso-di-n-propylamine	7.31	70	2107	4.15	ng	# 59
20) 3+4-Methylphenols	7.17	107	5428	8.13	ng	92
32) Benzoic acid	7.76	122	9644	7.17	ng	93
50) 2,6-Dinitrotoluene	9.78	165	50582	8.17	ng	# 38
56) 2,4-Dinitrotoluene	9.78	165	50582	6.46	ng	# 22
73) Di-n-butylphthalate	11.84	149	2619	Below Cal		# 79

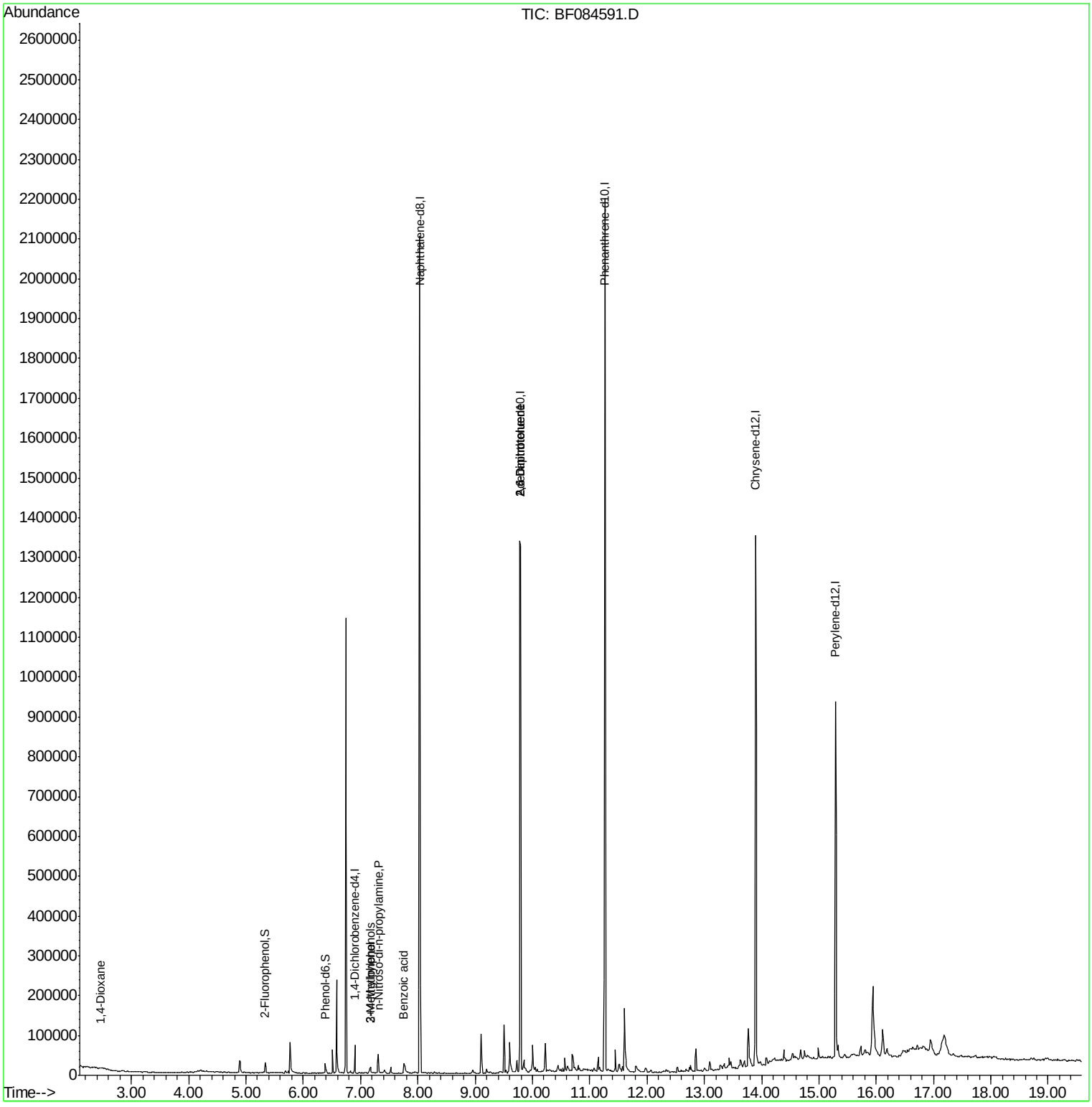
(#) = qualifier out of range (m) = manual integration (+) = signals summed

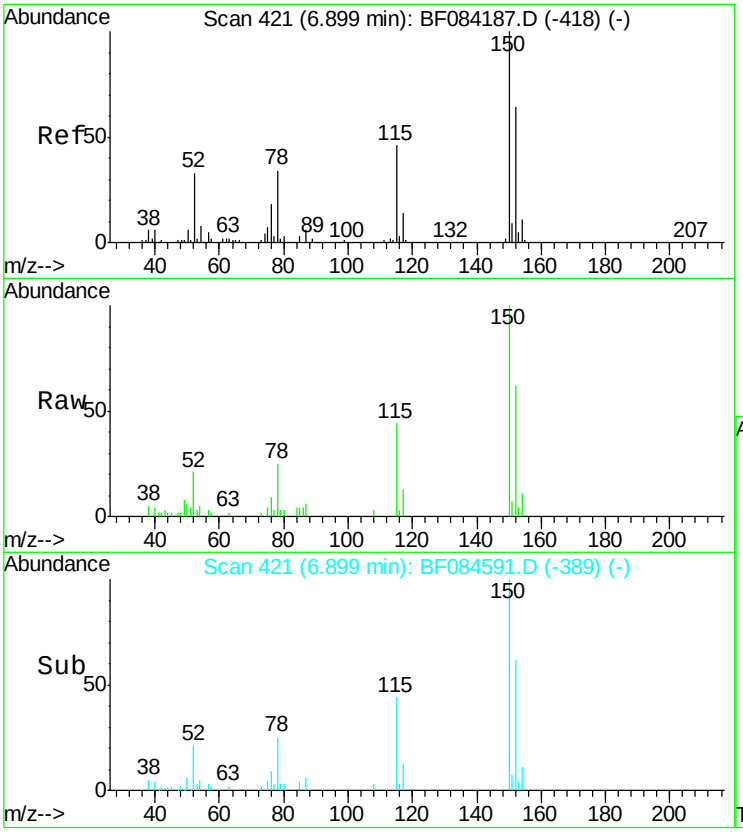
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084591.D
Acq On : 22 Jan 2016 16:04
Operator : SJ/IZ
Sample : H1200-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Quant Time: Jan 22 22:08:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



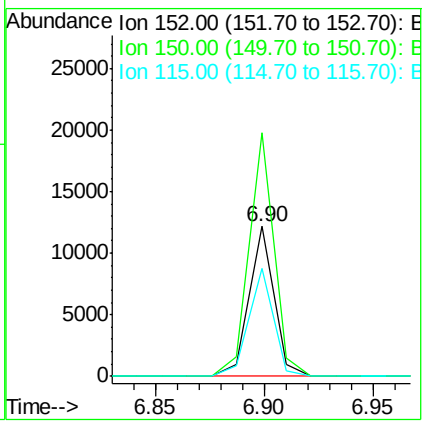


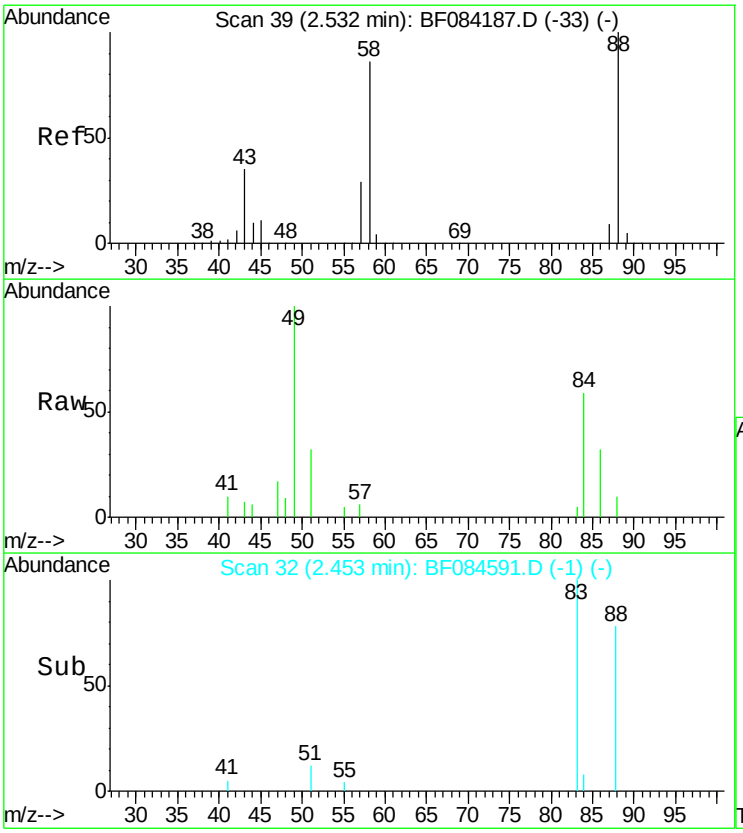
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.07 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:152 Resp: 9659

Ion	Ratio	Lower	Upper
152	100		
150	162.4	123.0	184.4
115	71.9	51.4	77.2

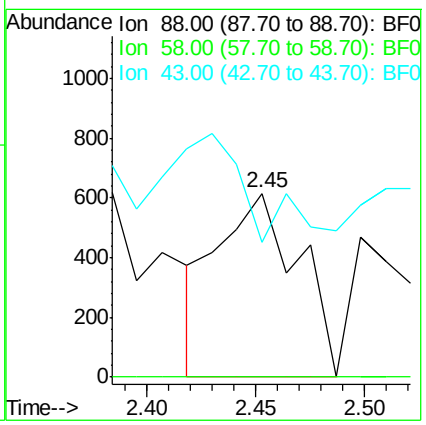


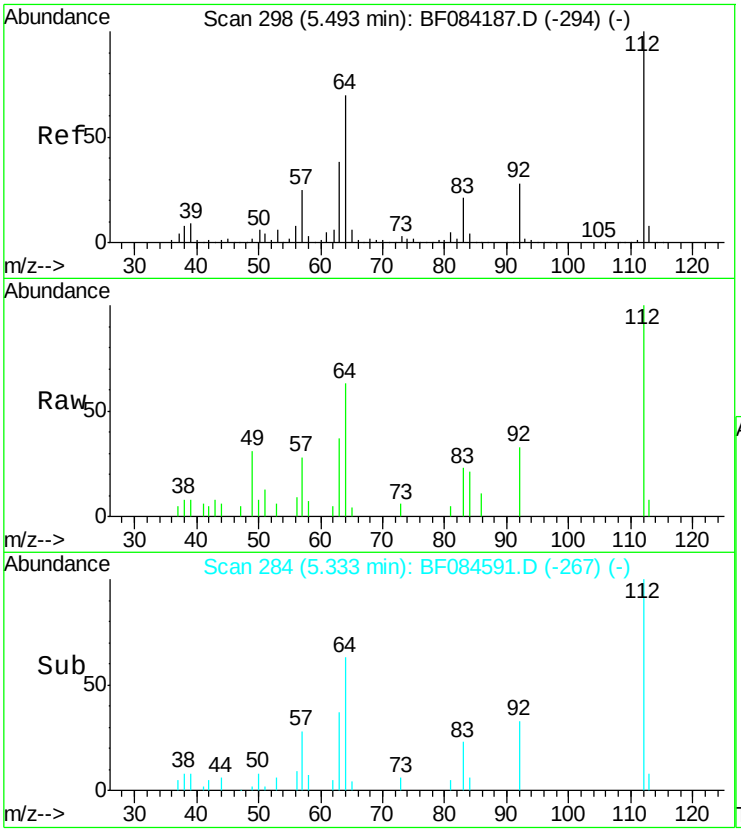


#2
1,4-Dioxane
Concen: 5.64 ng
RT: 2.45 min Scan# 32
Delta R.T. 0.06 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion: 88 Resp: 1595

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.2	76.8#
43	0.0	19.5	29.3#



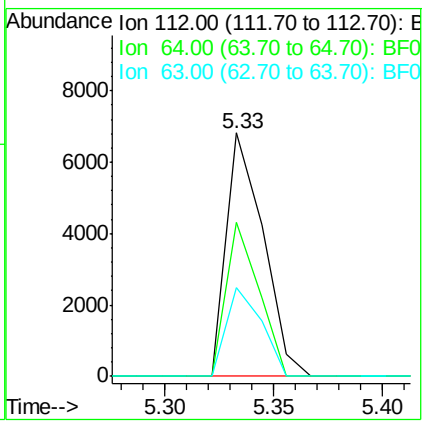


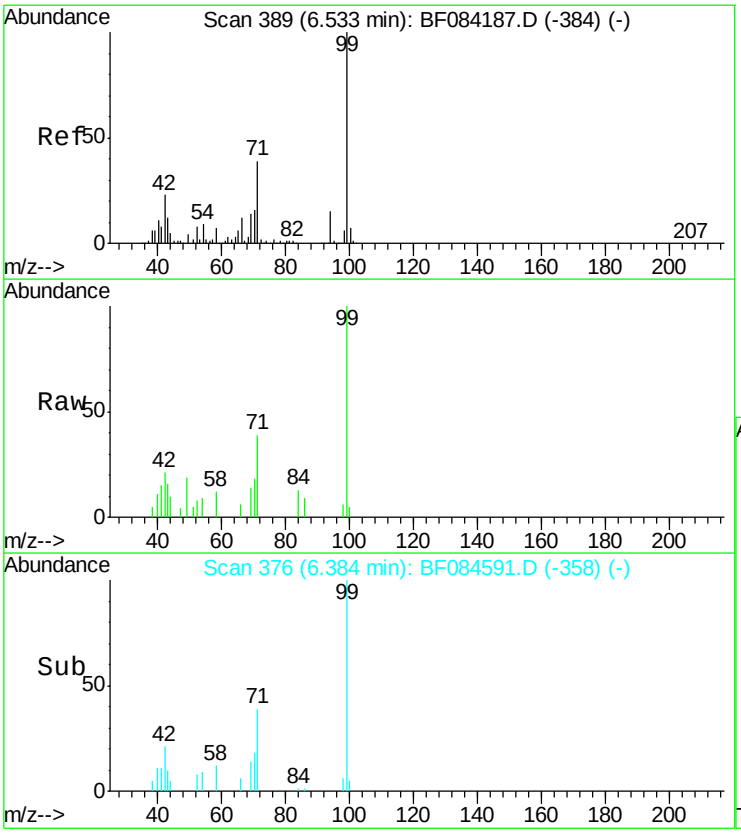
#5
2-Fluorophenol
Concen: 13.43 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.10 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:112 Resp: 8017

Ion	Ratio	Lower	Upper
112	100		
64	63.5	36.6	55.0#
63	36.5	19.4	29.0#

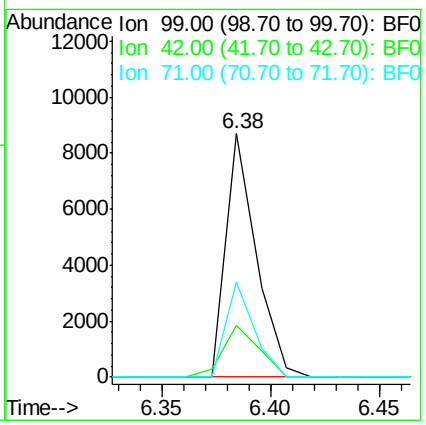


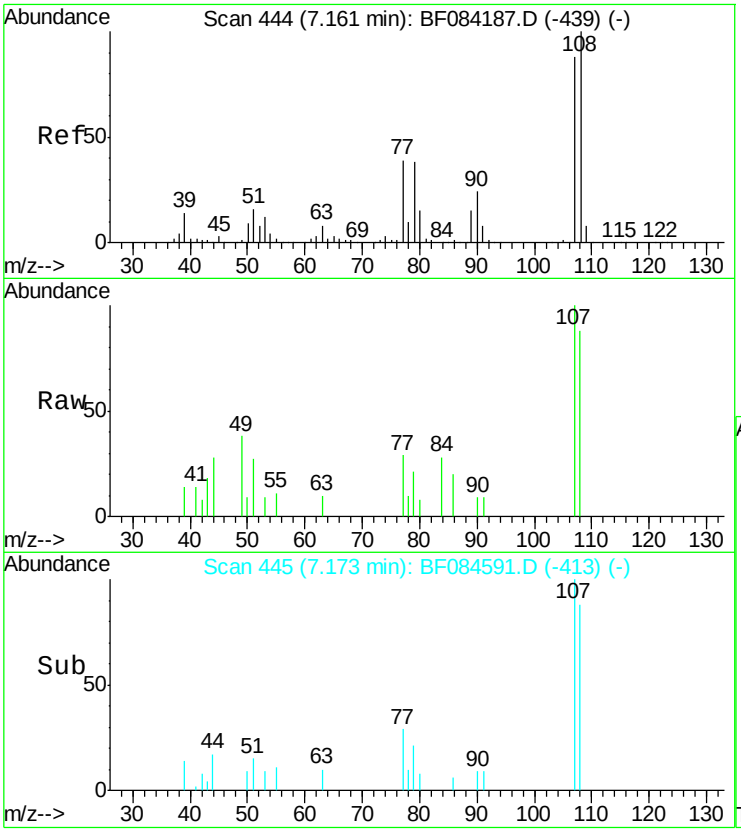


#7
Phenol-d6
Concen: 11.17 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion: 99 Resp: 8375

Ion	Ratio	Lower	Upper
99	100		
42	21.2	12.8	19.2#
71	39.2	30.9	46.3



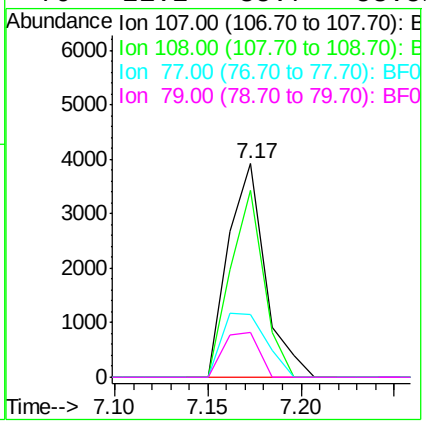


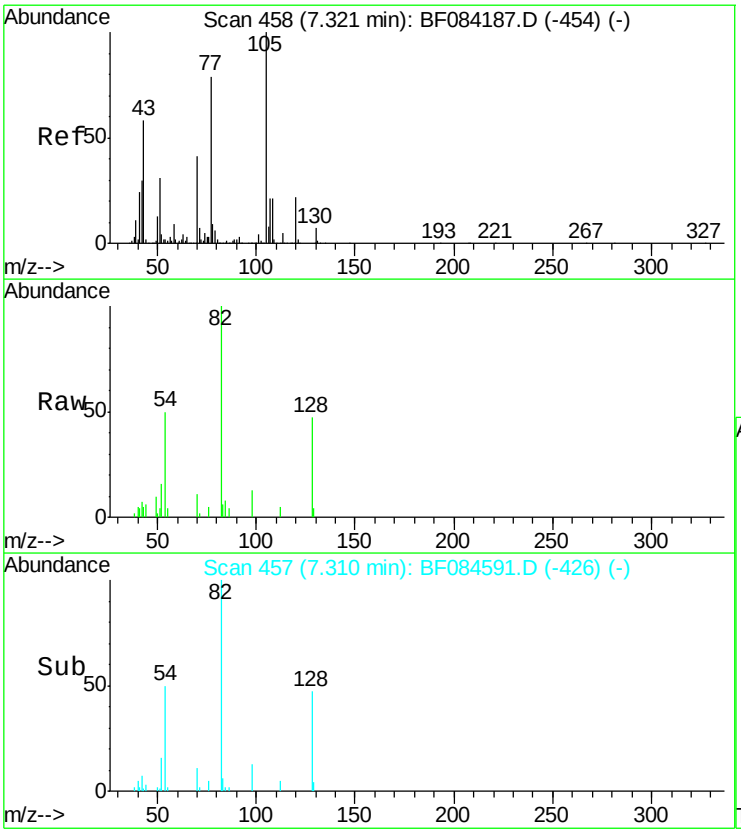
#17
2-Methylphenol
Concen: 9.56 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.07 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:107 Resp: 5428

Ion	Ratio	Lower	Upper
107	100		
108	87.7	89.8	134.6#
77	29.1	35.7	53.5#
79	21.2	35.7	53.5#

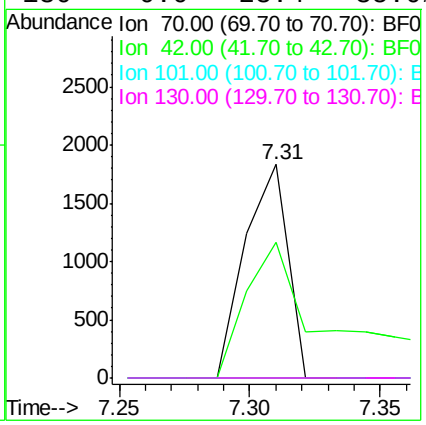


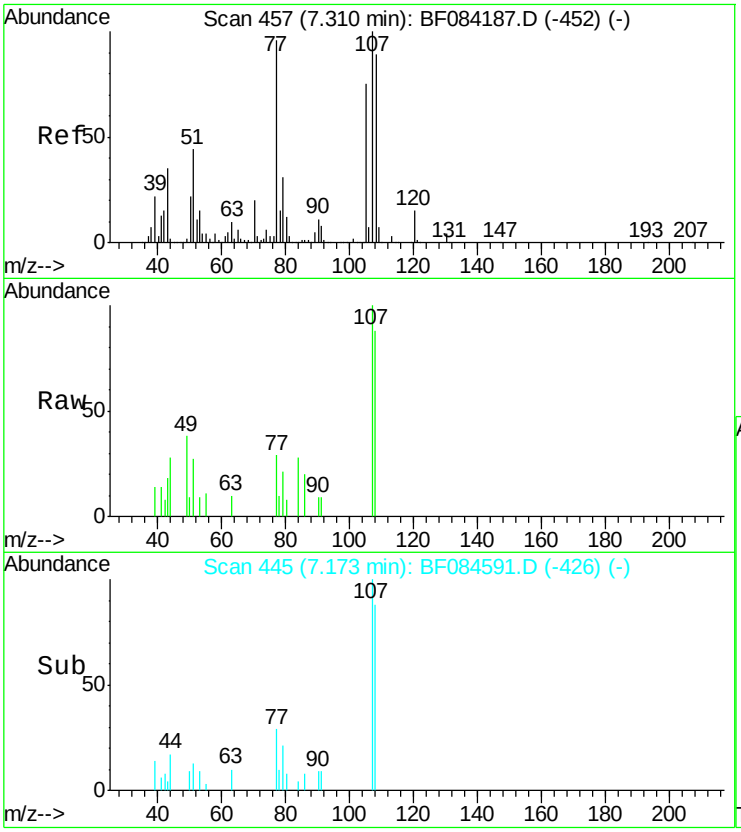


#19
n-Nitroso-di-n-propylamine
Concen: 4.15 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.06 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion: 70 Resp: 2107

Ion	Ratio	Lower	Upper
70	100		
42	63.5	33.3	49.9#
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#



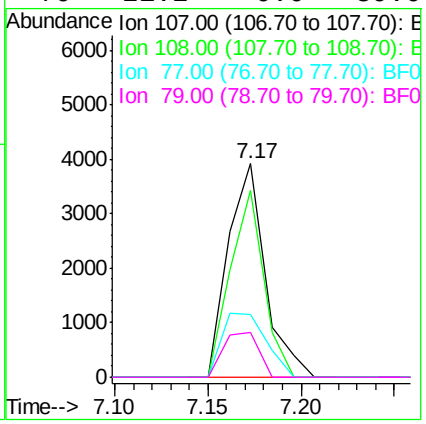


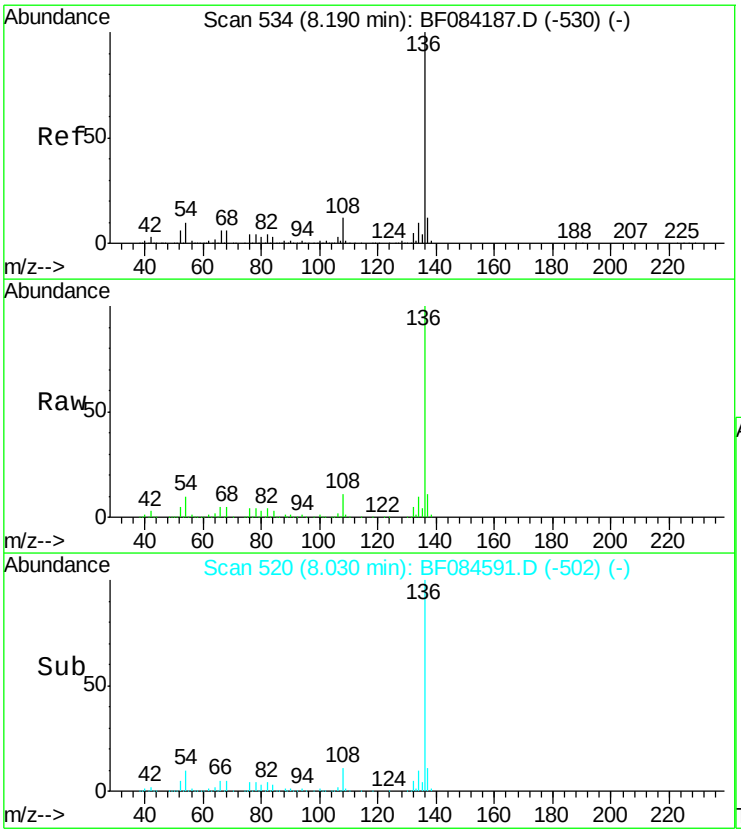
#20
3+4-Methylphenols
Concen: 8.13 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:107 Resp: 5428

Ion	Ratio	Lower	Upper
107	100		
108	87.7	74.6	114.6
77	29.1	0.7	40.7
79	21.2	0.0	39.0

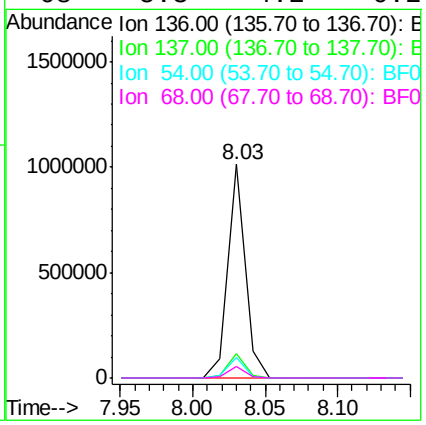


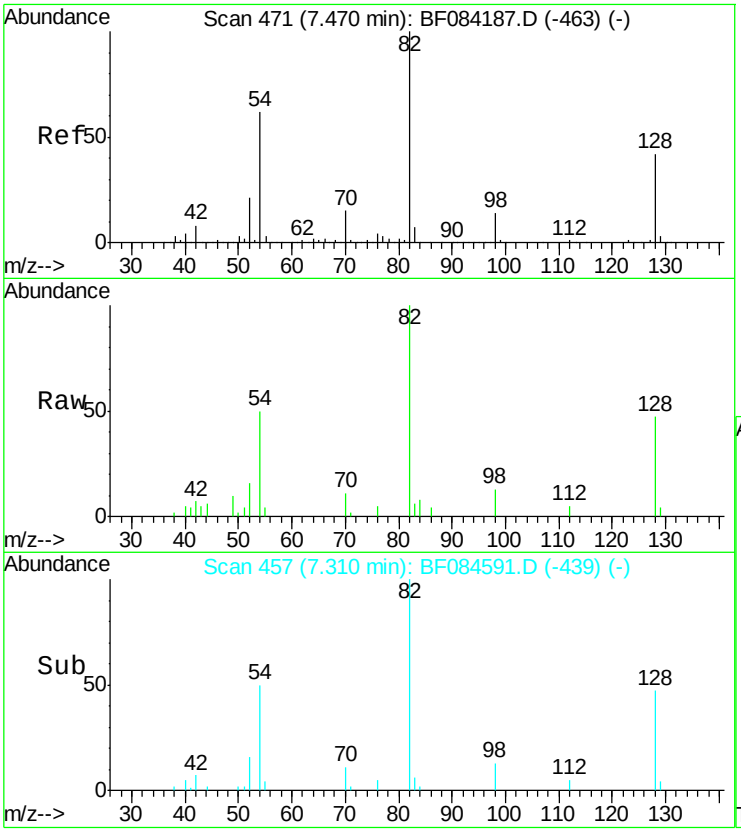


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion:136 Resp: 847514

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.6	5.8	8.8#
68	5.3	4.2	6.2



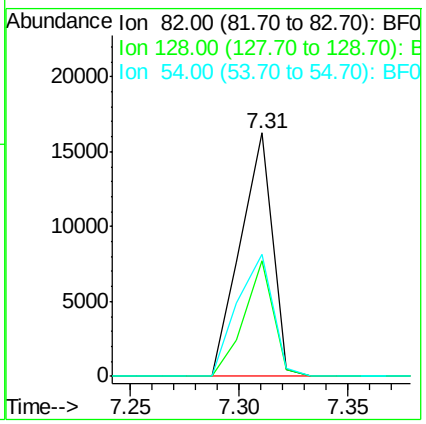


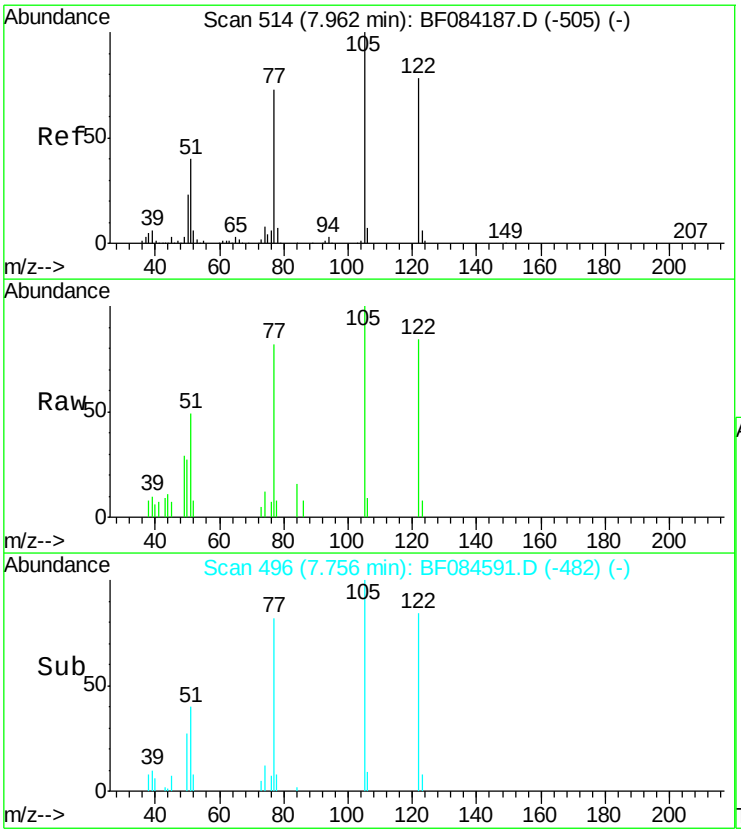
#23
Nitrobenzene-d5
Concen: 1.10 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion: 82 Resp: 16696

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	51.8
54	50.1	38.4	57.6

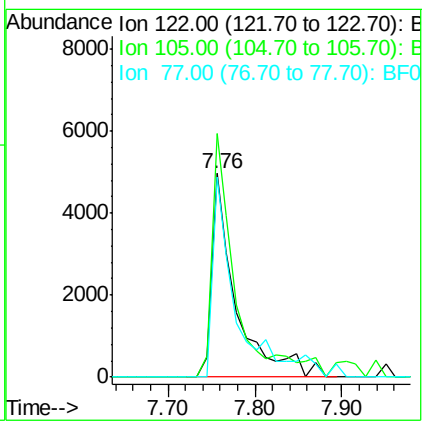


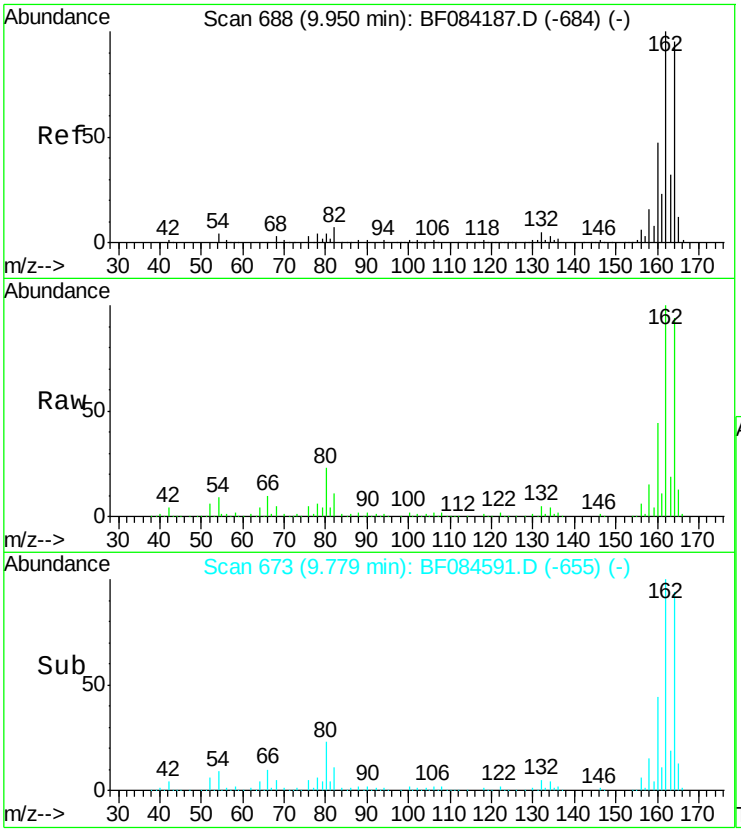


#32
Benzoic acid
Concen: 7.17 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.14 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion:122 Resp: 9644

Ion	Ratio	Lower	Upper
122	100		
105	119.7	100.3	140.3
77	98.5	63.5	103.5



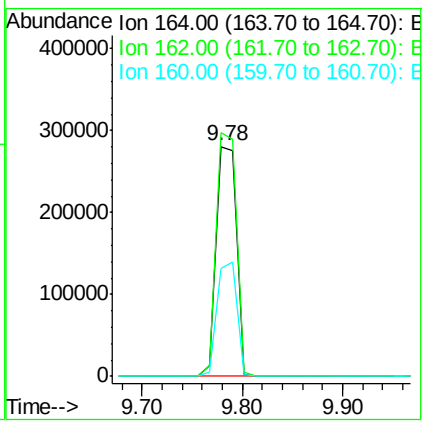


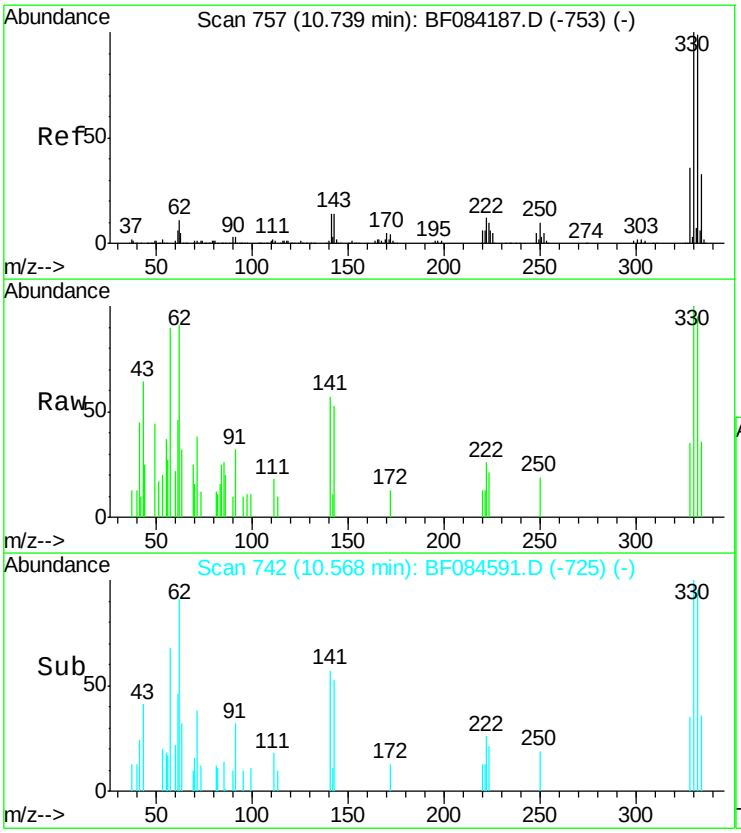
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:164 Resp: 394708

Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.1	127.7
160	47.0	37.5	56.3

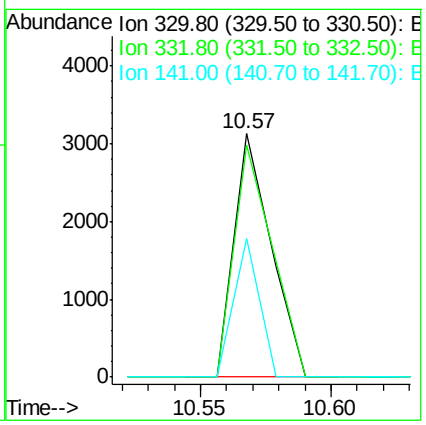


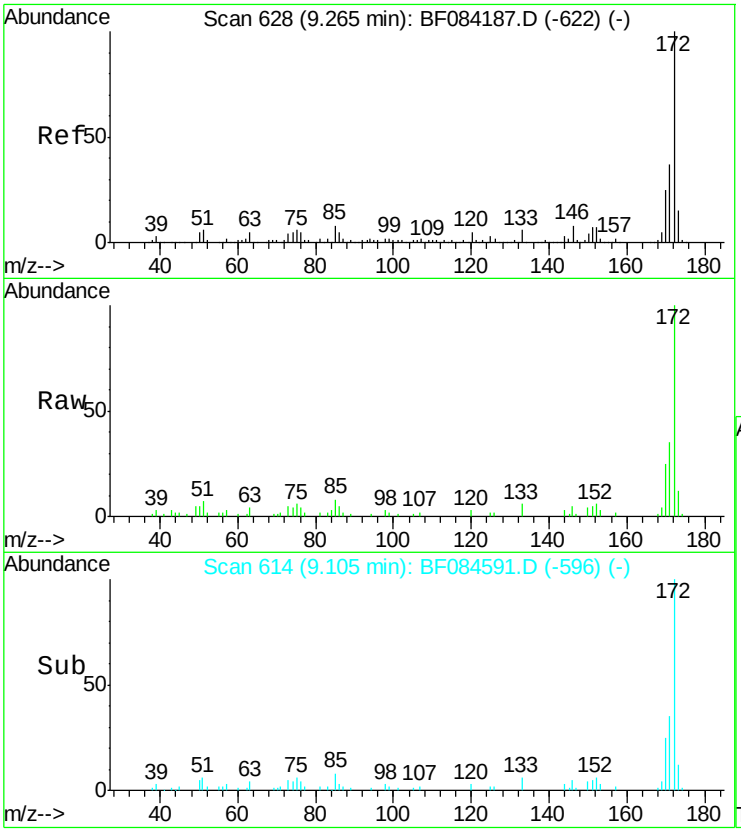


#41
2,4,6-Tribromophenol
Concen: 0.78 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.10 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion:330 Resp: 3123

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	39.1	27.8	41.6



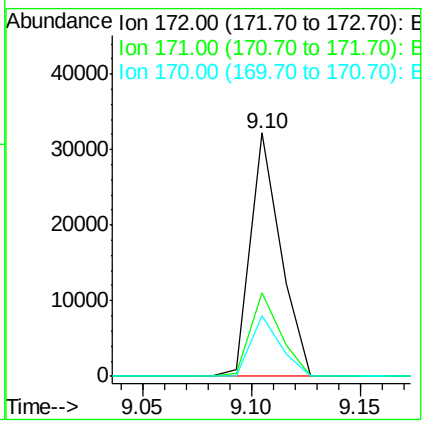


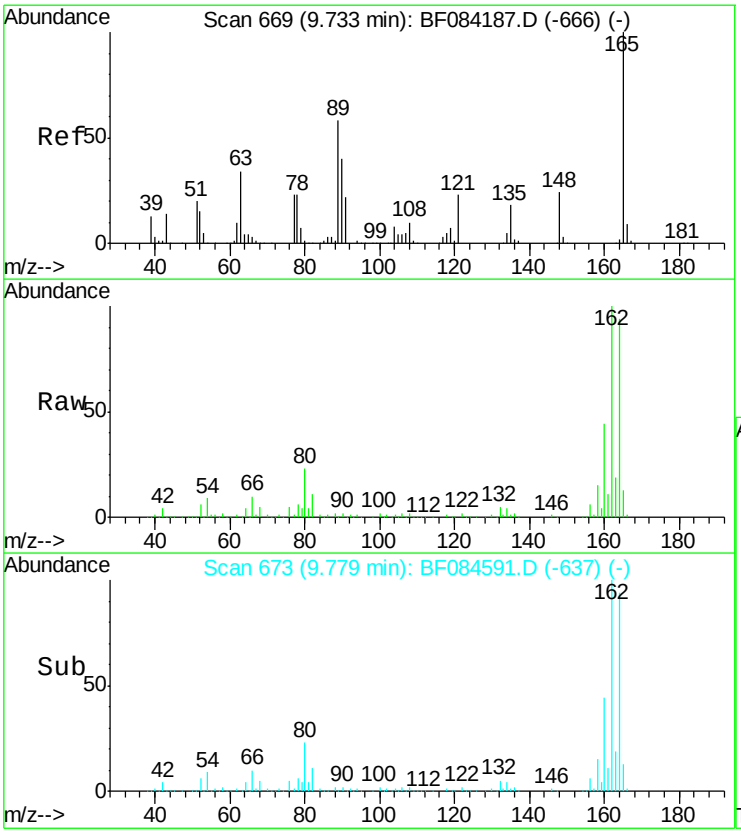
#44
2-Fluorobiphenyl
Concen: -5.33 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:172 Resp: 31194

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.9	43.3
170	24.6	18.6	27.8

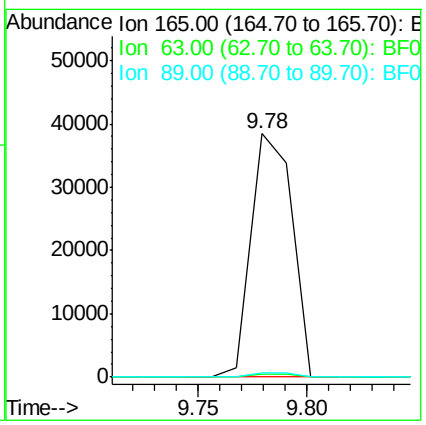


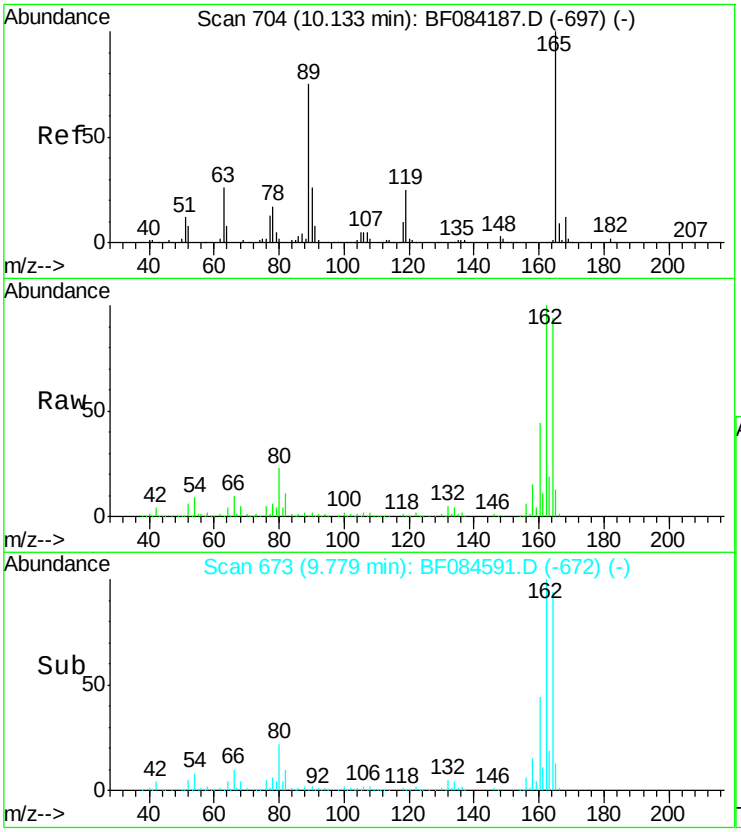


#50
2,6-Dinitrotoluene
Concen: 8.17 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.11 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion:165 Resp: 50582

Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.8	43.2#
89	1.9	35.1	52.7#



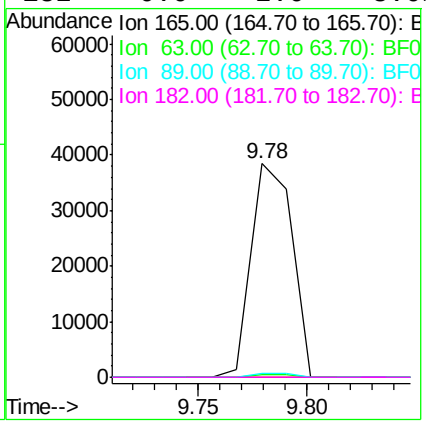


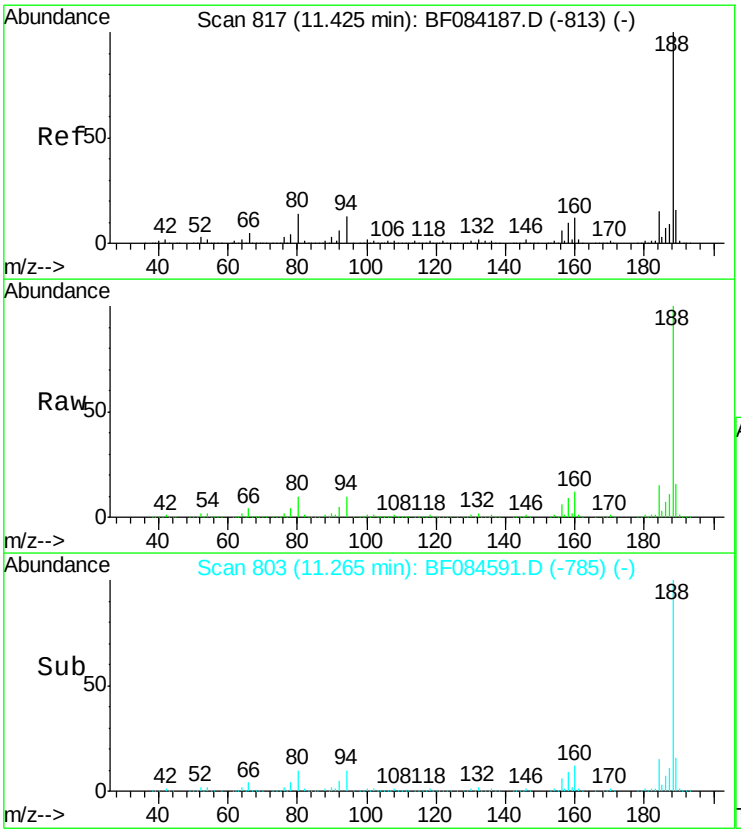
#56
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.29 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:165 Resp: 50582

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.9	61.9	92.9#
182	0.0	2.0	3.0#

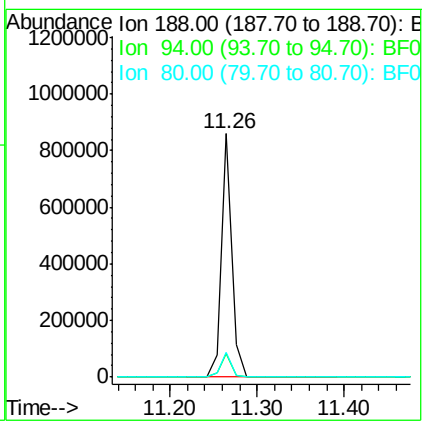


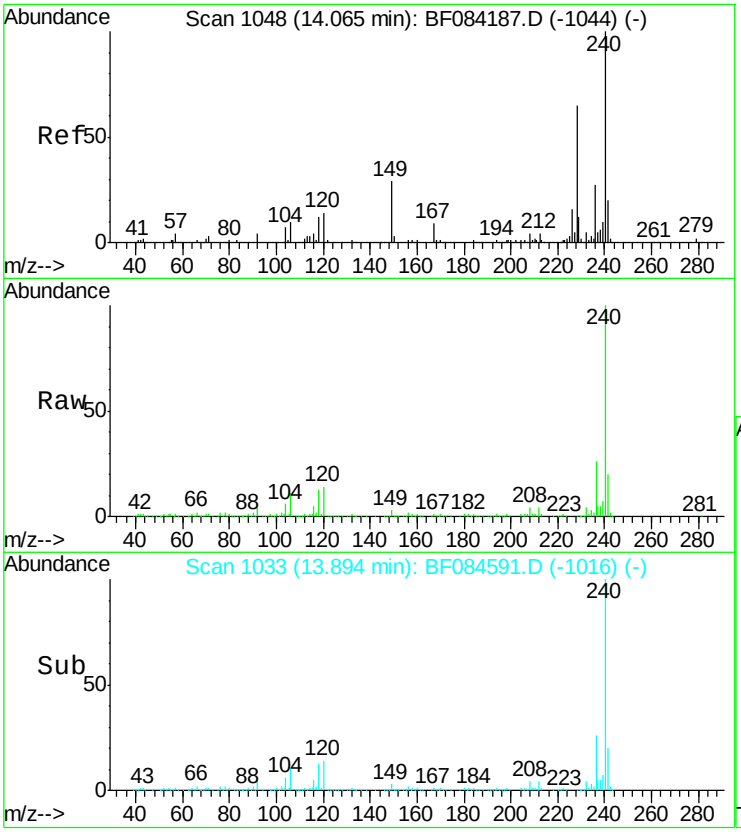


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion:188 Resp: 730075

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.3	9.6	14.4



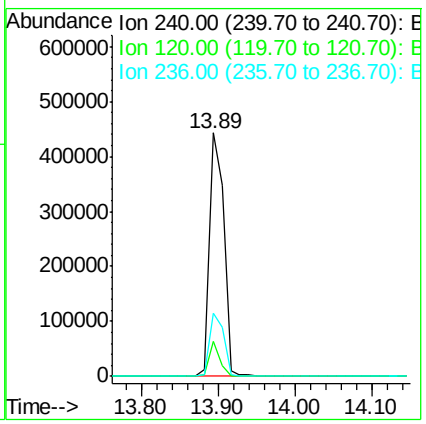


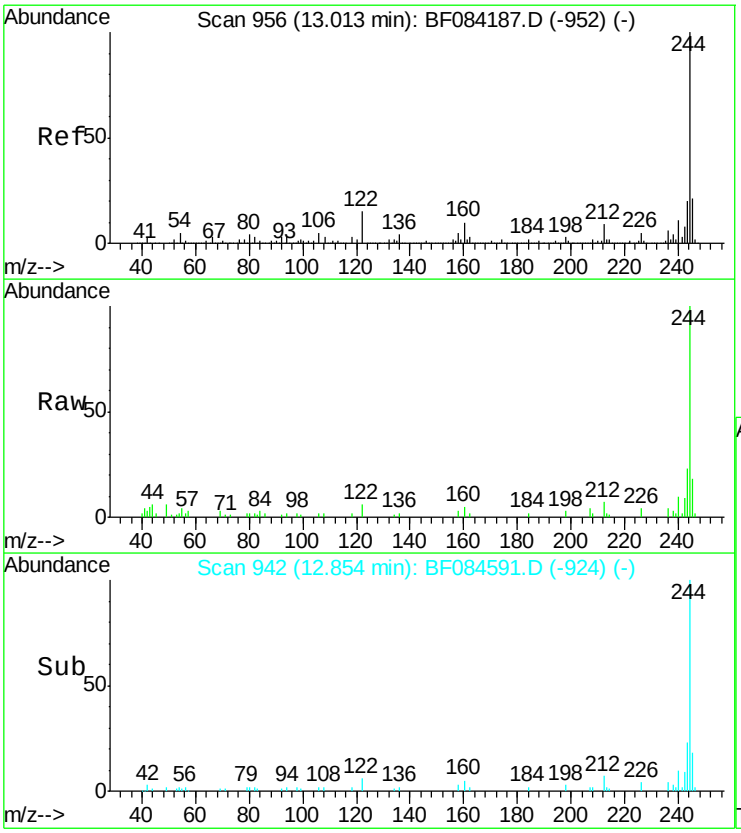
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.10 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:240 Resp: 565534

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.1	20.6	31.0

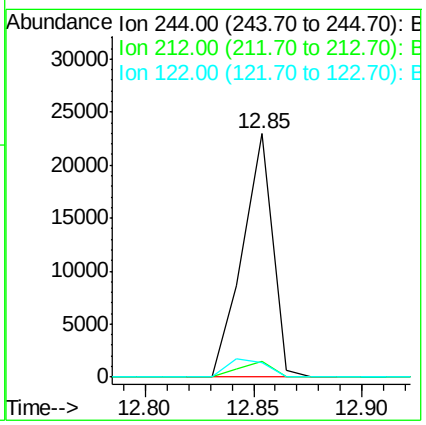


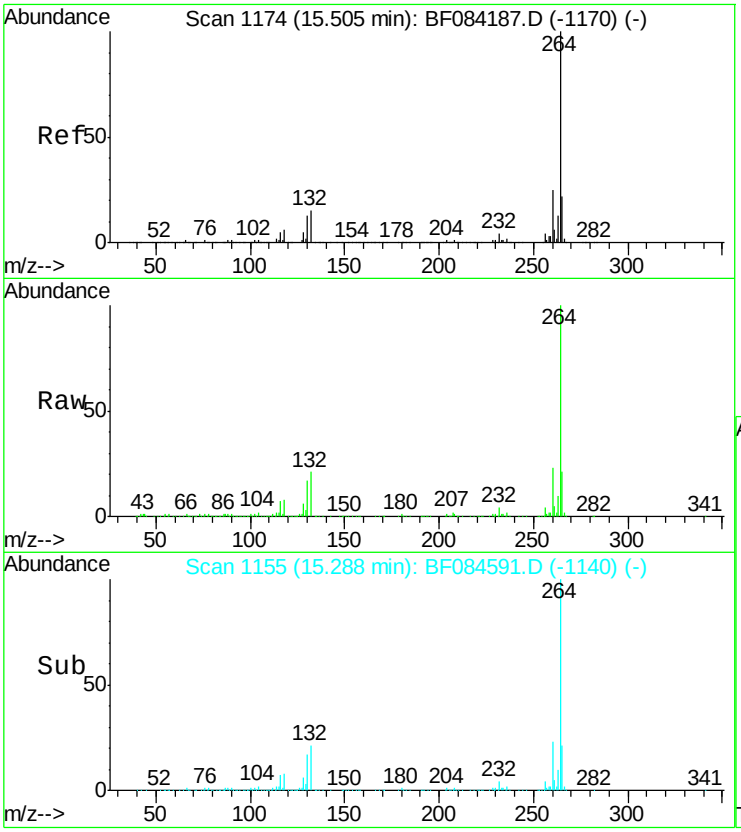


#78
Terphenyl-d14
Concen: 0.87 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion:244 Resp: 22115

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	6.0	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:264 Resp: 438105

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.3	17.8	26.6