Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088328.D
Acq On : 24 Jun 2016 11:25
Operator : UM/SJ
Sample : H3084-01DL 100X
Misc :
ALS Vial : 32 Sample Multiplier: 0.25

Instrument : BNA_F
ClientSampleId : KY032MW006-160512DL

Quant Time: Jun 24 13:43:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	15925	5.00	ng	-0.01
21) Naphthalene-d8	7.88	136	77595	5.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	34409	5.00	ng	-0.02
63) Phenanthrene-d10	11.10	188	55959	5.00	ng	-0.02
75) Chrysene-d12	13.73	240	40744	5.00	ng	-0.02
86) Perylene-d12	15.09	264	35307	5.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.20	82	2372	0.45	ng	0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.67	244	982	0.14	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.01	88	86376	47.71	ng	# 33
10) Phenol	6.30	94	29531	6.05	ng	99
11) bis(2-Chloroethyl)ether	6.34	93	23425	5.92	ng	84
14) 1,2-Dichlorobenzene	6.76	146	16395	3.78	ng	97
17) 2-Methylphenol	6.89	107	36478	10.20	ng	96
20) 3+4-Methylphenols	7.04	107	211961	50.79	ng	# 75
27) 2,4-Dimethylphenol	7.58	122	94128	18.54	ng	90

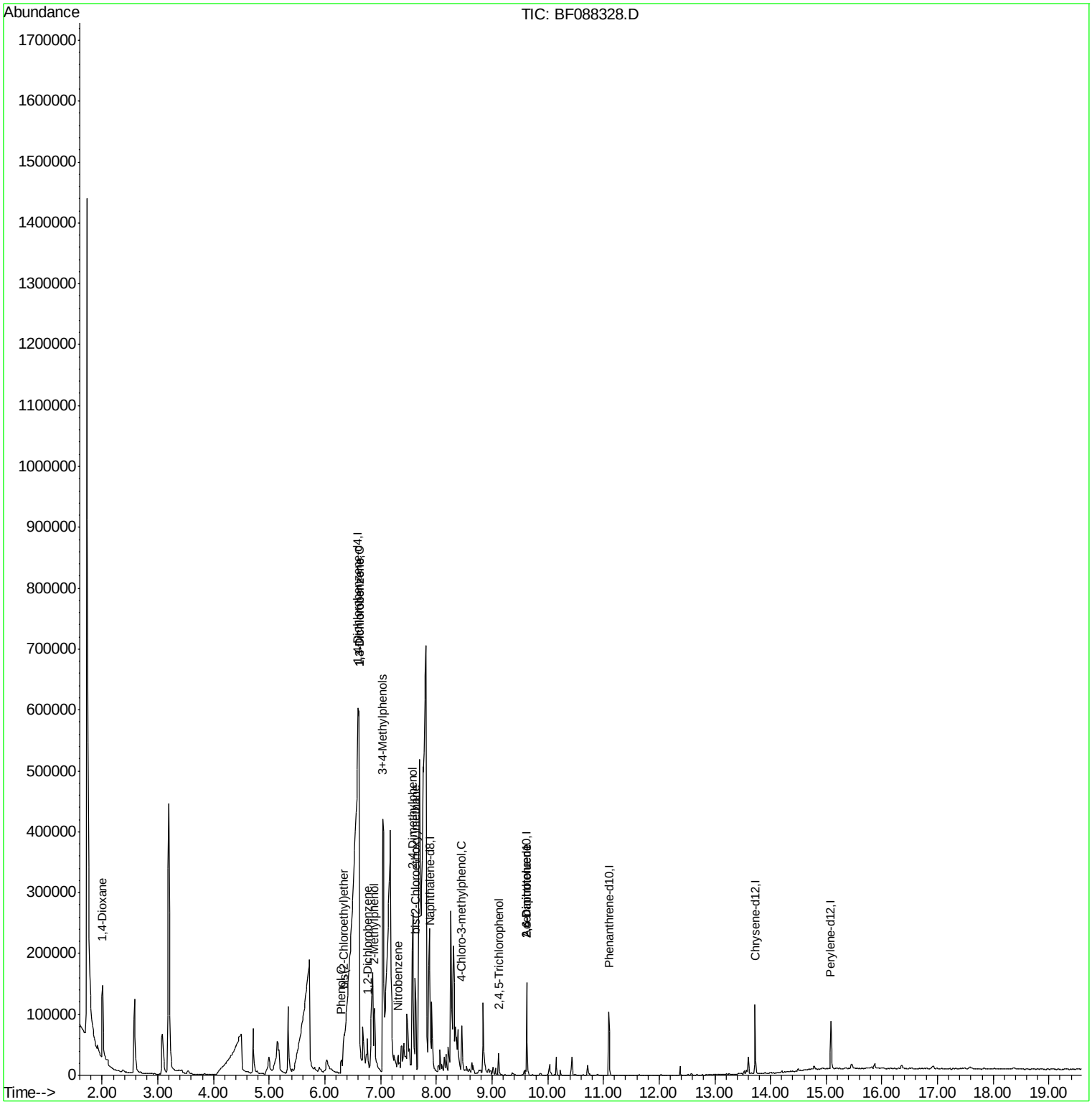
(#) = qualifier out of range (m) = manual integration (+) = signals summed

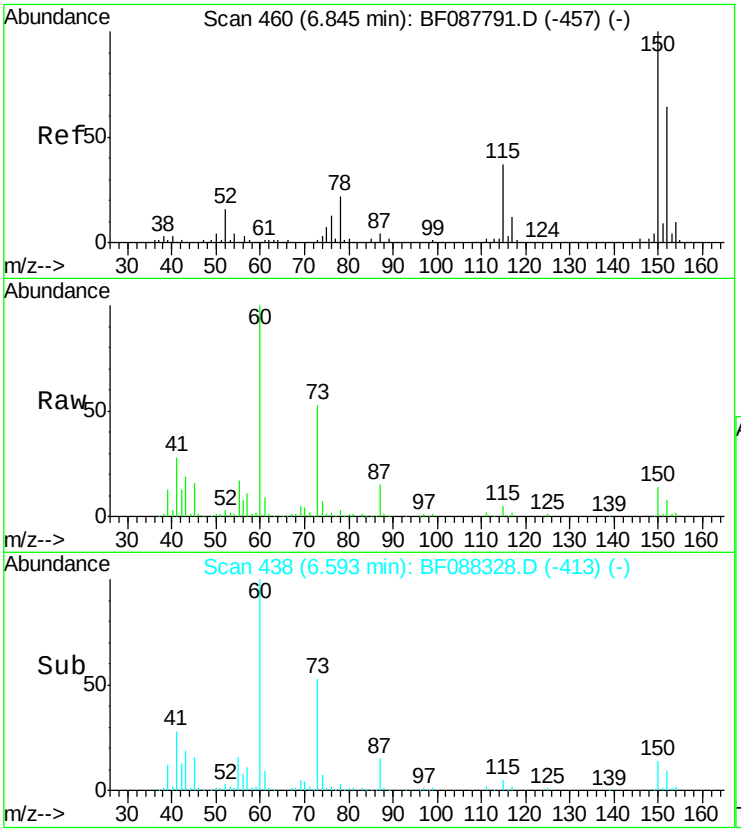
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088328.D
Acq On : 24 Jun 2016 11:25
Operator : UM/SJ
Sample : H3084-01DL 100X
Misc :
ALS Vial : 32 Sample Multiplier: 0.25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

Quant Time: Jun 24 13:43:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration



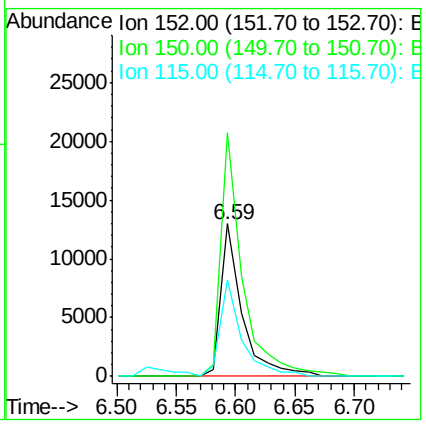


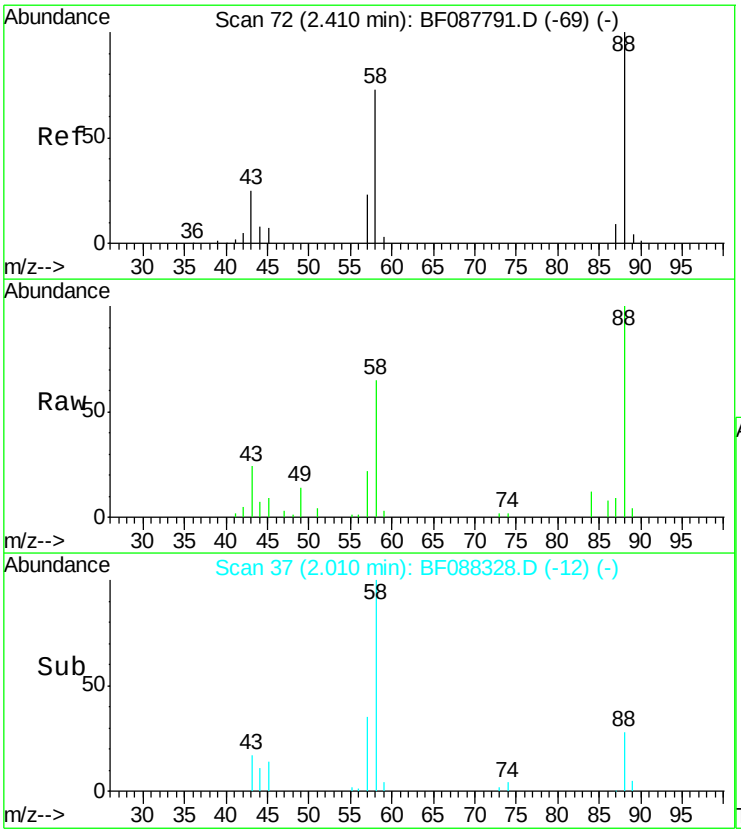
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

Tgt Ion:152 Resp: 15925

Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.8	185.6
115	63.3	39.6	59.4#

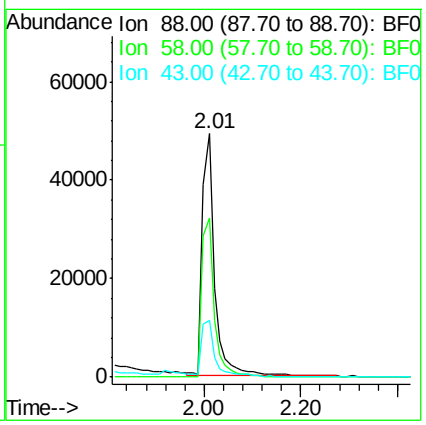


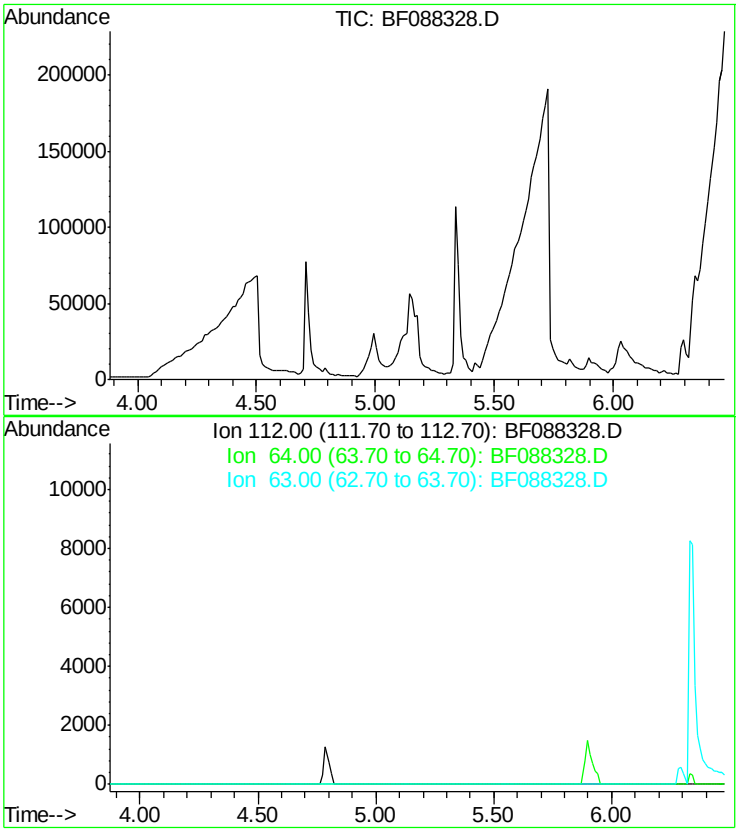


#2
1,4-Dioxane
Concen: 47.71 ng
RT: 2.01 min Scan# 37
Delta R.T. -0.01 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion: 88 Resp: 86376

Ion	Ratio	Lower	Upper
88	100		
58	66.5	0.0	0.0#
43	26.4	3.4	5.2#





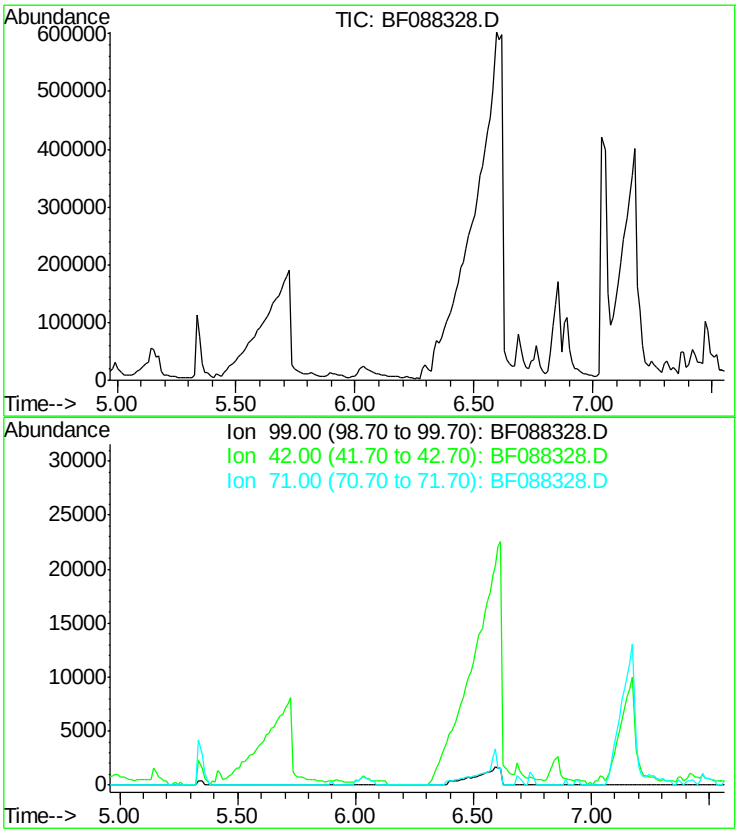
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.18 min

Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	52.7
63	27.3

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

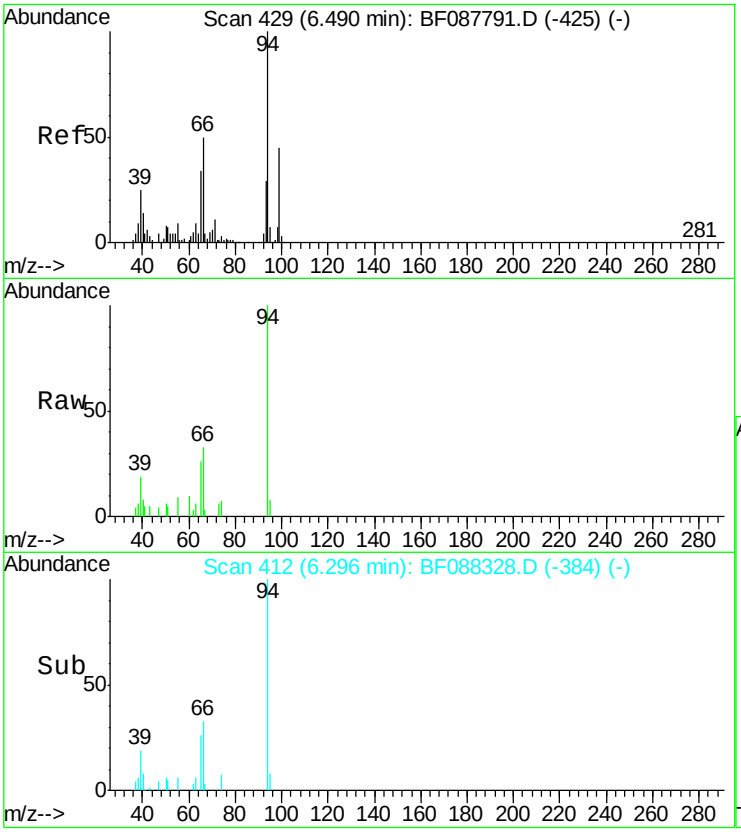


#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.26 min

Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	15.2
71	29.2

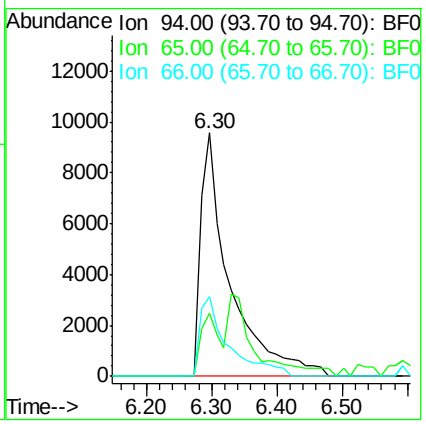


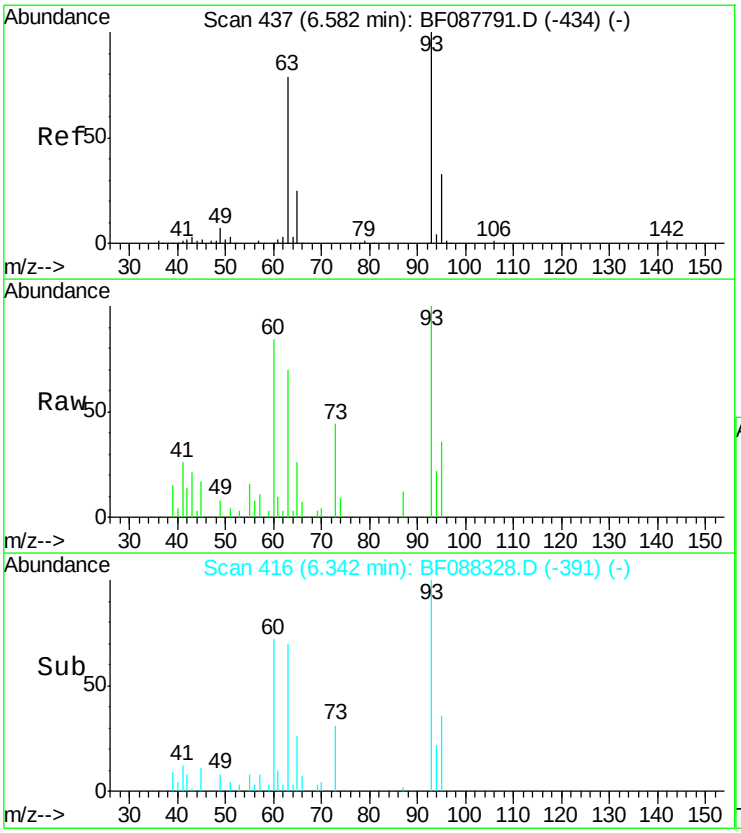
#10
Phenol
Concen: 6.05 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.02 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

Tgt Ion: 94 Resp: 29531

Ion	Ratio	Lower	Upper
94	100		
65	26.1	5.9	45.9
66	32.7	14.0	54.0

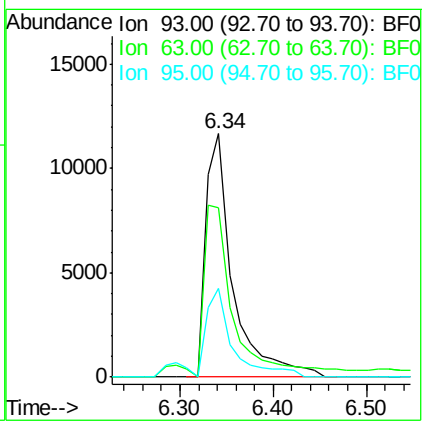


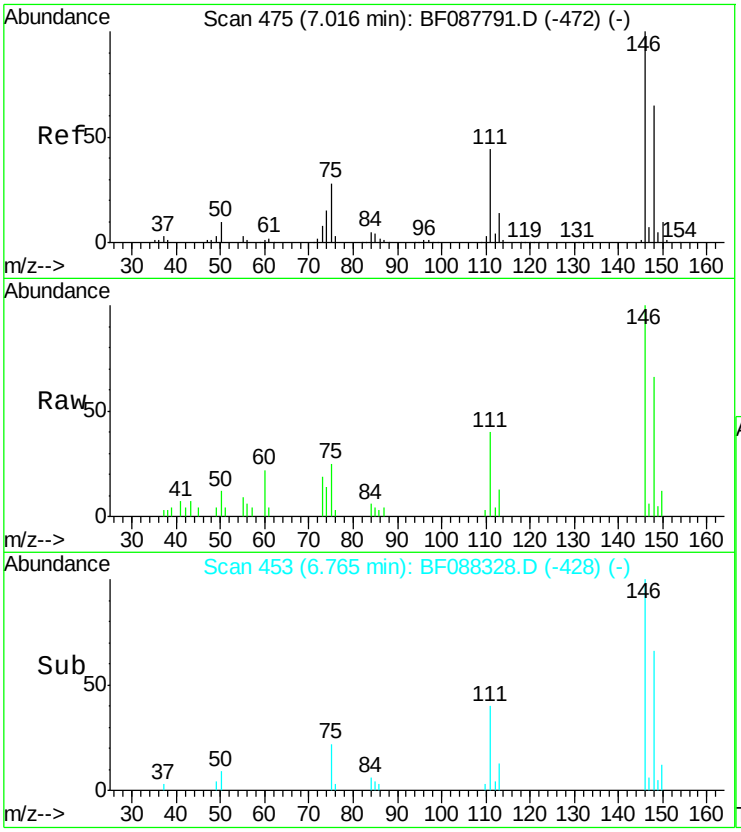


#11
bis(2-Chloroethyl)ether
Concen: 5.92 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion: 93 Resp: 23425

Ion	Ratio	Lower	Upper
93	100		
63	69.6	67.6	107.6
95	36.4	12.5	52.5



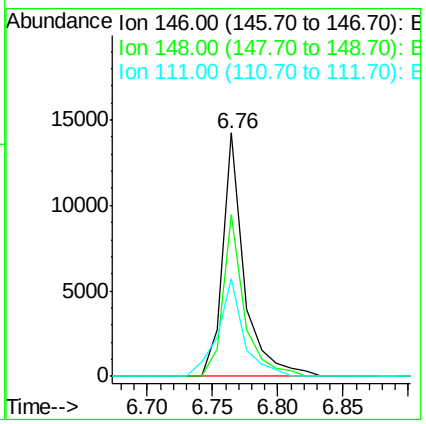


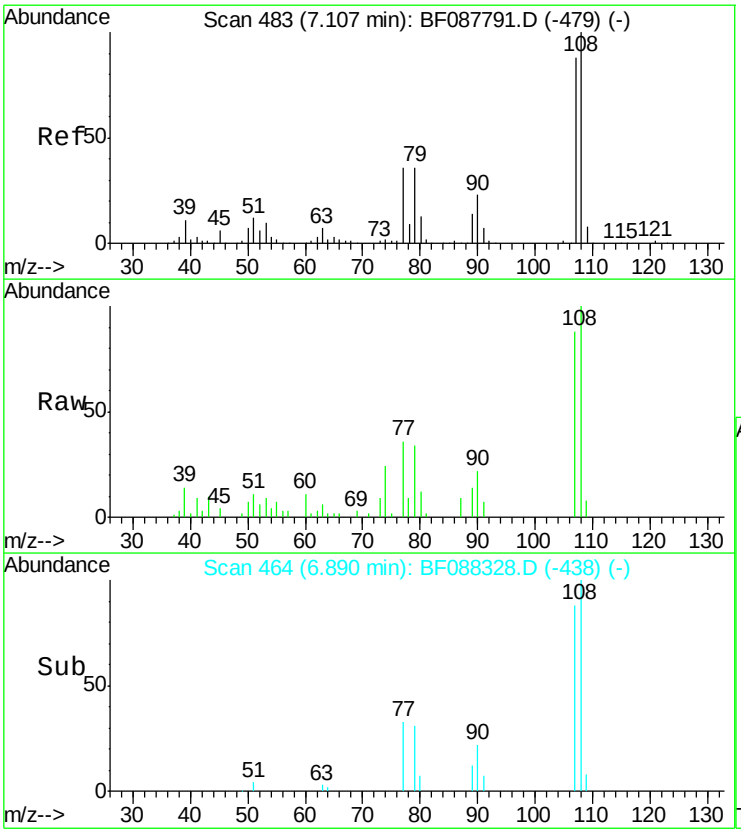
#14
1,2-Dichlorobenzene
Concen: 3.78 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

Tgt Ion:146 Resp: 16395

Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.3	78.5
111	39.9	28.7	43.1

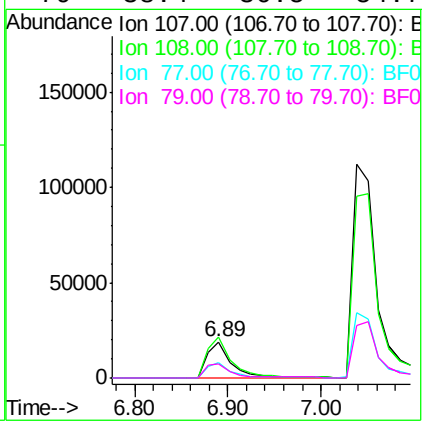


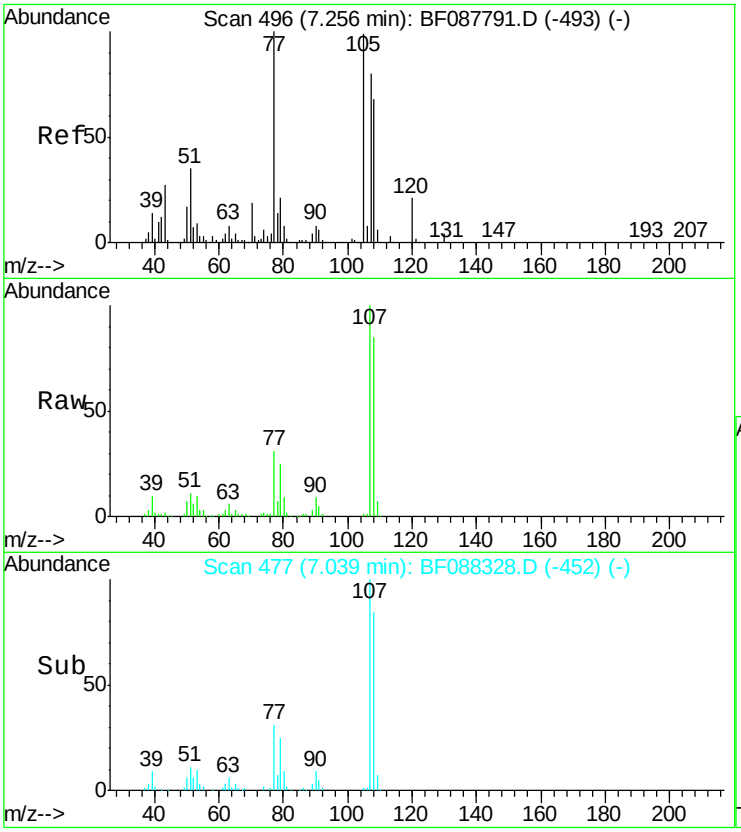


#17
2-Methylphenol
Concen: 10.20 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion:107 Resp: 36478

Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.9	136.3
77	41.1	36.6	55.0
79	38.4	36.5	54.7



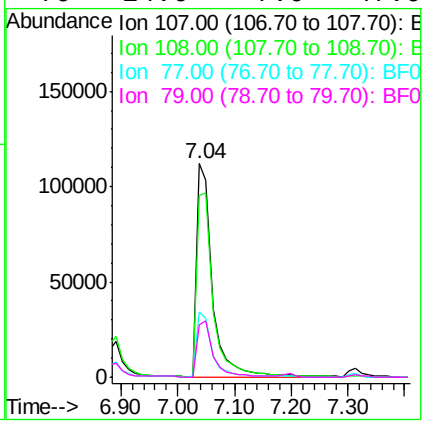


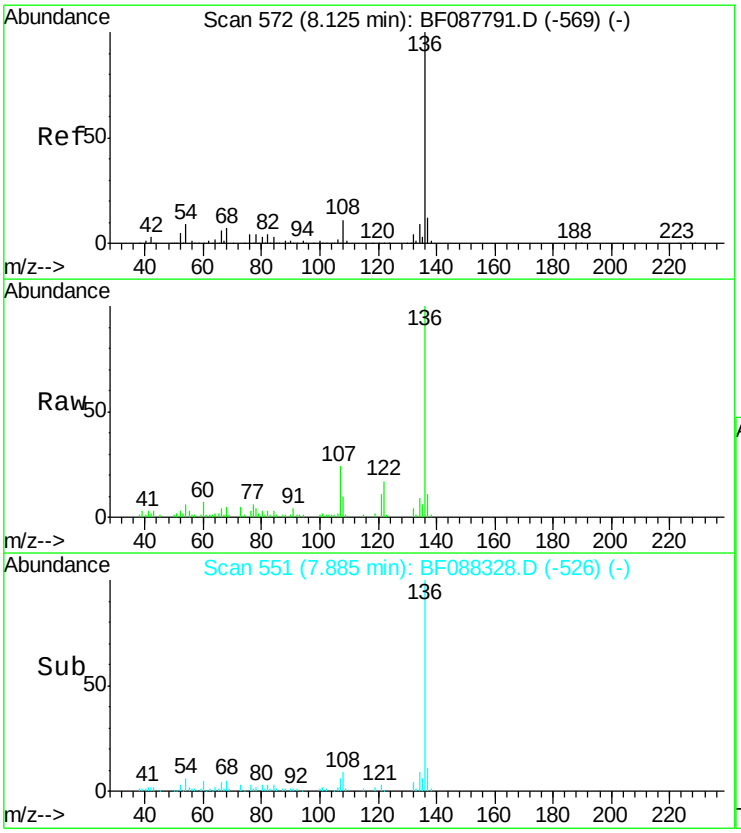
#20
3+4-Methylphenols
Concen: 50.79 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

Tgt Ion:107 Resp: 211961

Ion	Ratio	Lower	Upper
107	100		
108	85.0	67.8	107.8
77	30.7	59.3	99.3#
79	24.6	7.0	47.0

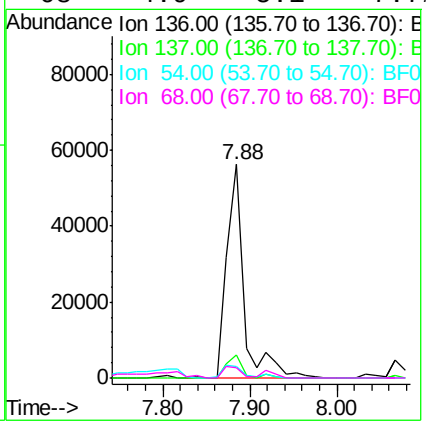


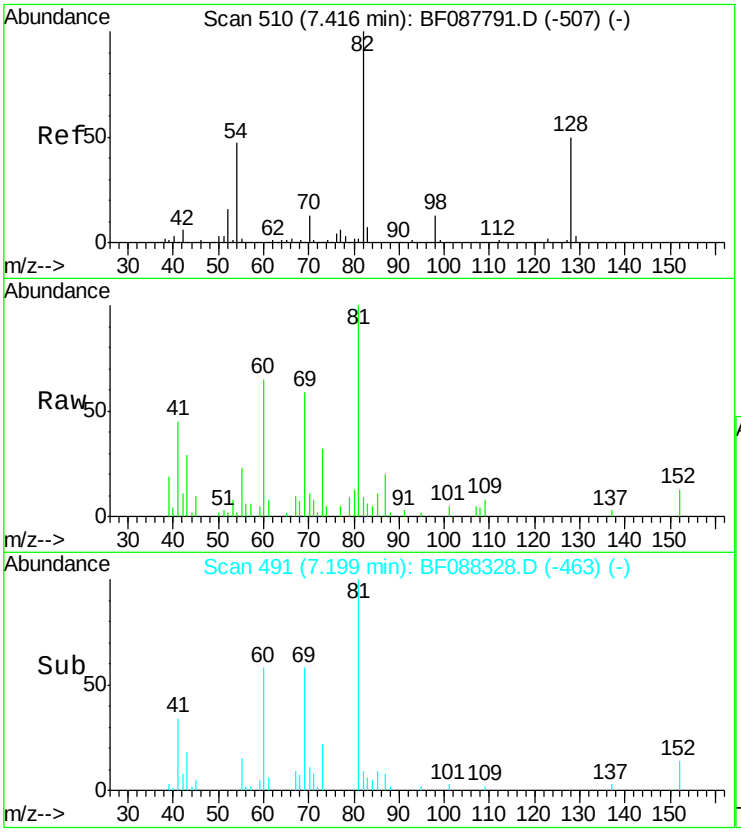


#21
Naphthalene-d8
Concen: 5.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion:136 Resp: 77595

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.6	6.6	10.0#
68	4.9	5.1	7.7#



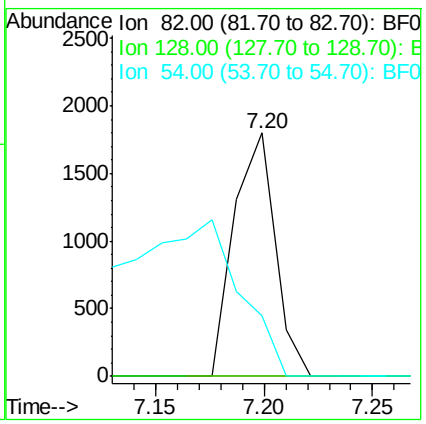


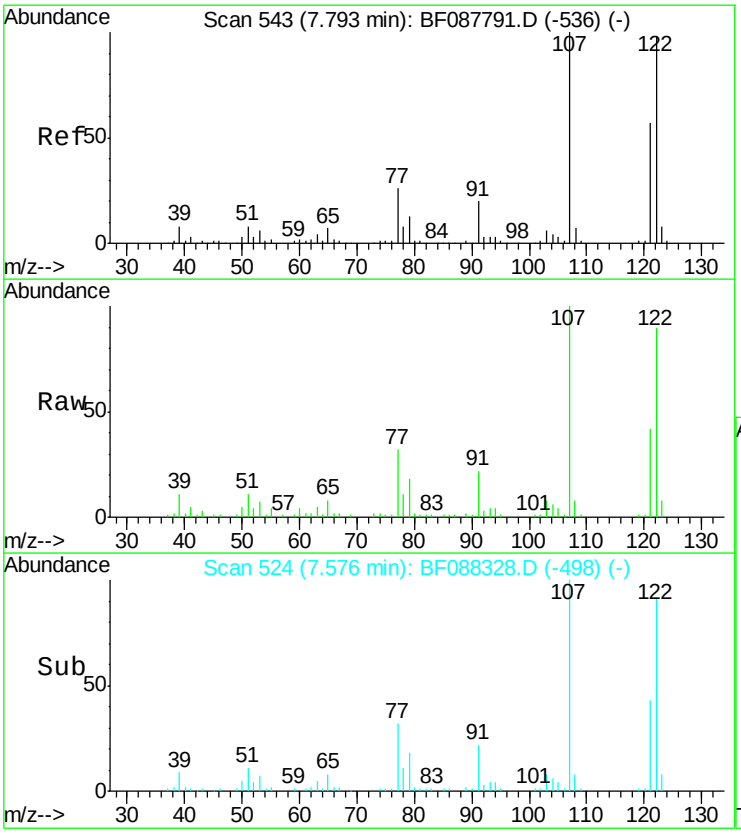
#23
Nitrobenzene-d5
Concen: 0.45 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.02 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

Tgt Ion: 82 Resp: 2372

Ion	Ratio	Lower	Upper
82	100		
128	0.0	35.9	53.9#
54	25.0	40.9	61.3#

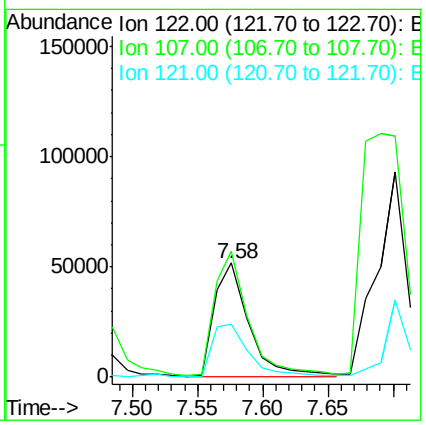


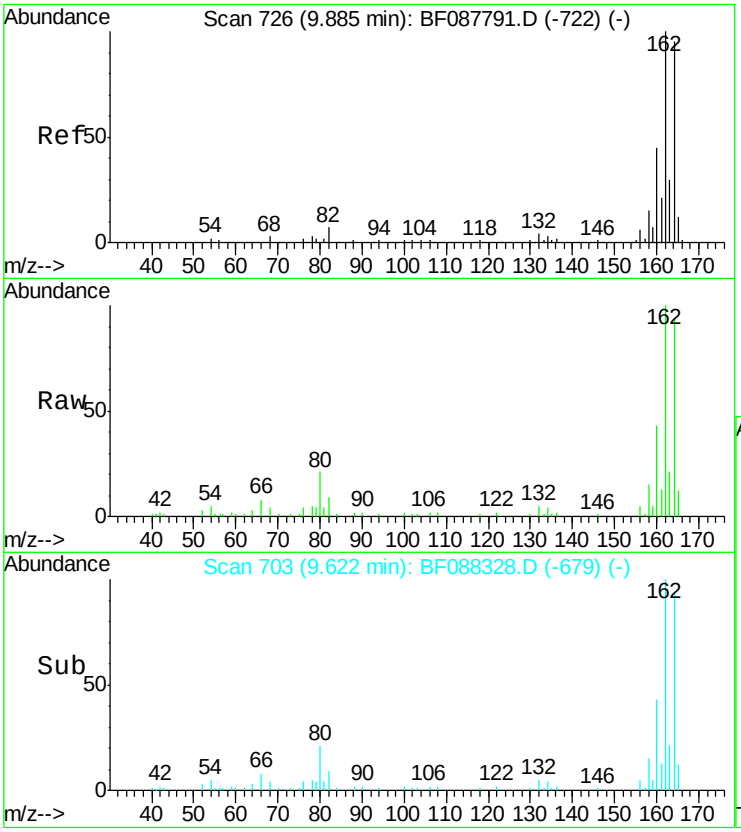


#27
2,4-Dimethylphenol
Concen: 18.54 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion:122 Resp: 94128

Ion	Ratio	Lower	Upper
122	100		
107	111.0	82.4	123.6
121	46.9	46.3	69.5



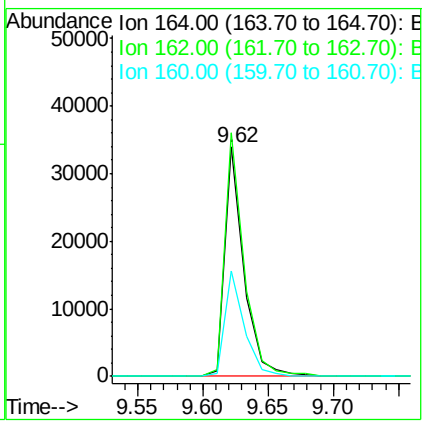


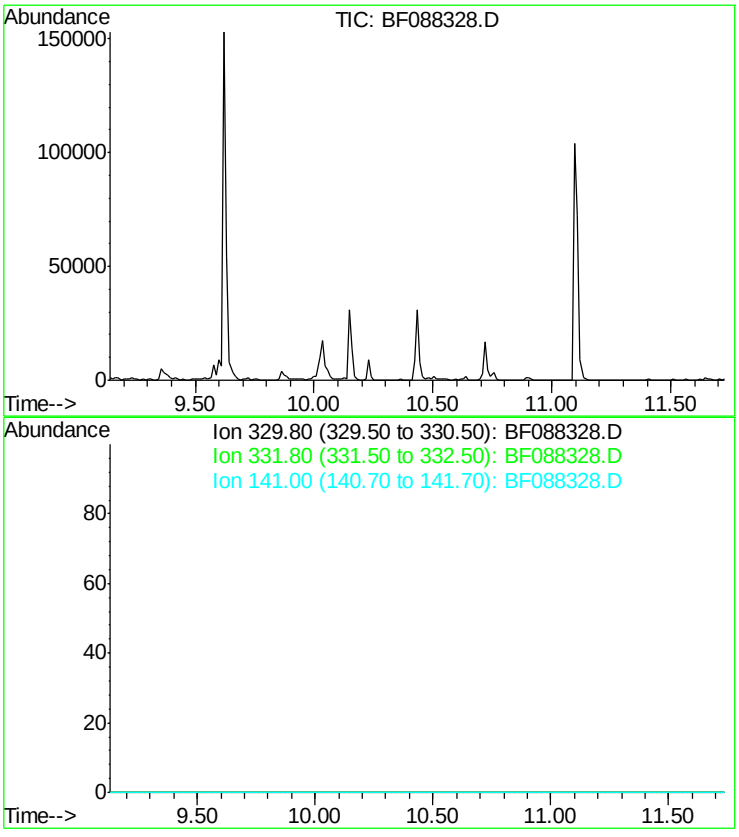
#38
Acenaphthene-d10
Concen: 5.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

Tgt Ion:164 Resp: 34409

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.4	128.2
160	46.1	39.5	59.3



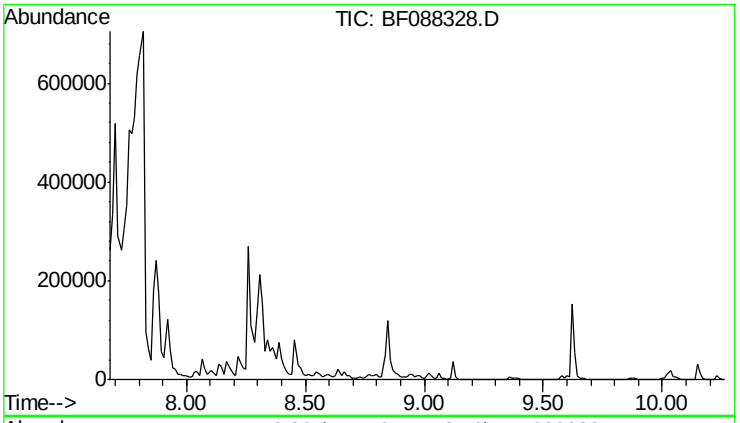


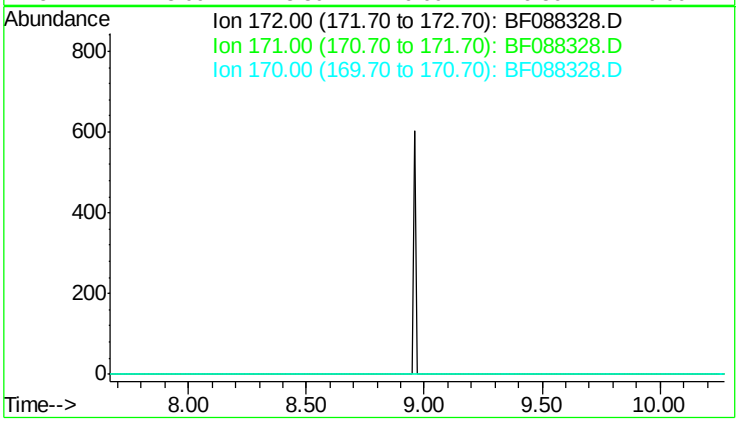
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.43 min

Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	0.0
141	0.0





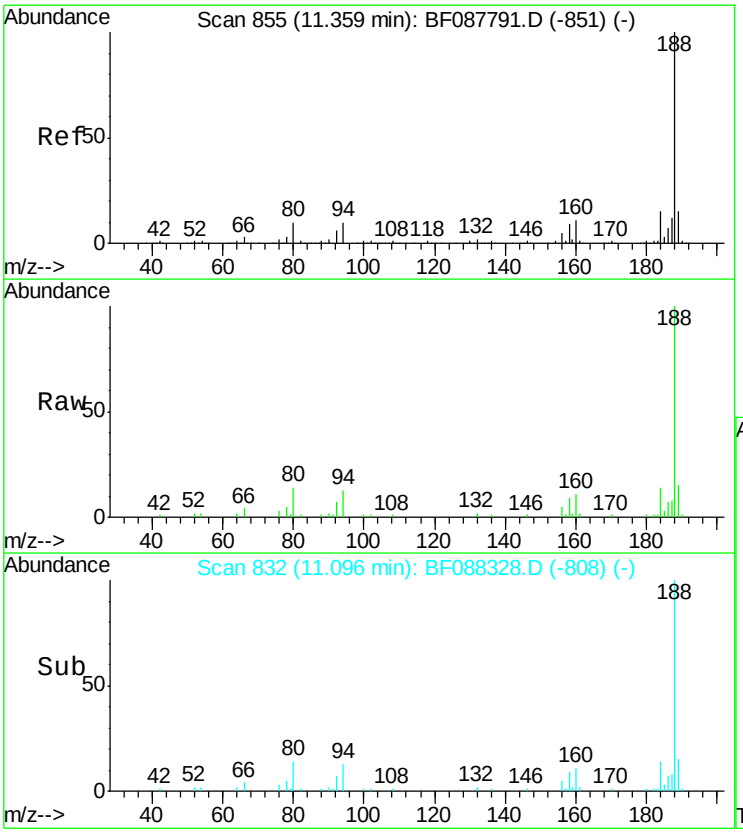
#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 8.97 min

Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.8
170	24.0

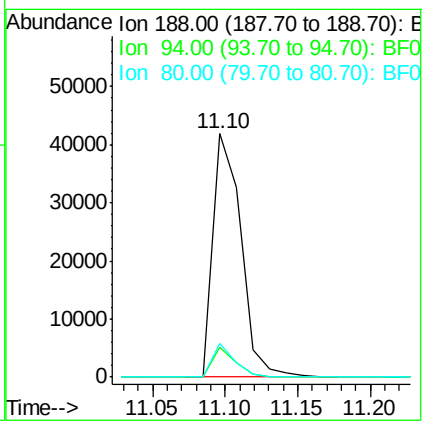
Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

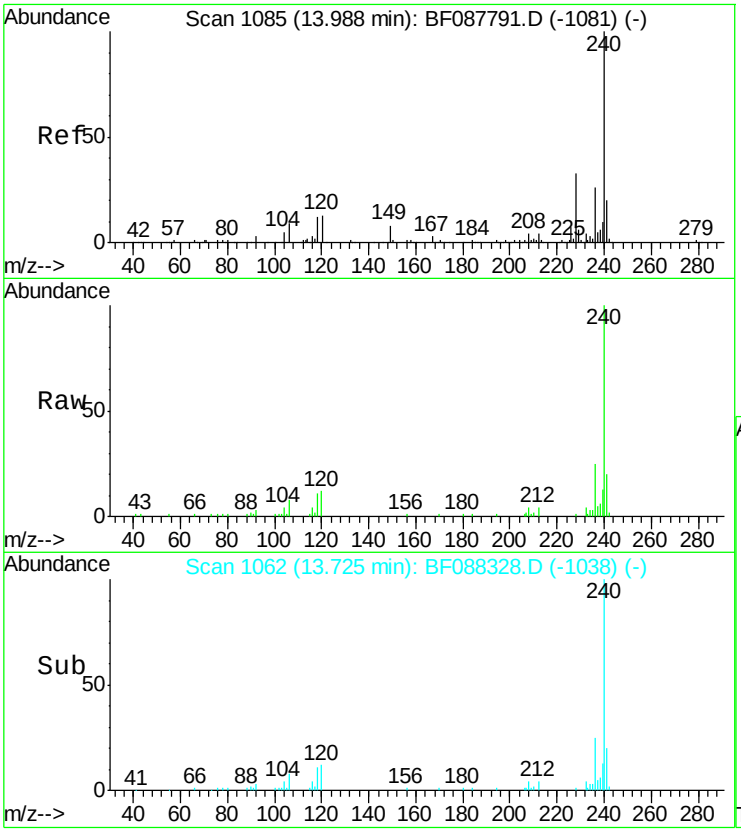


#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion:188 Resp: 55959

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.0	13.6
80	13.9	10.0	15.0



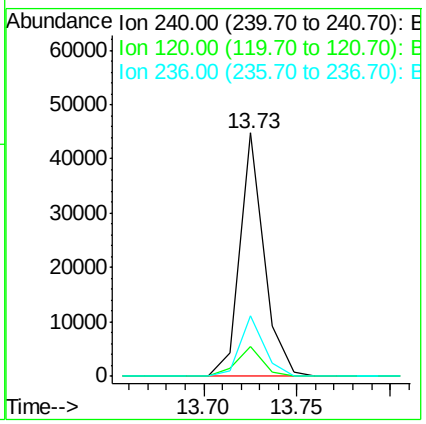


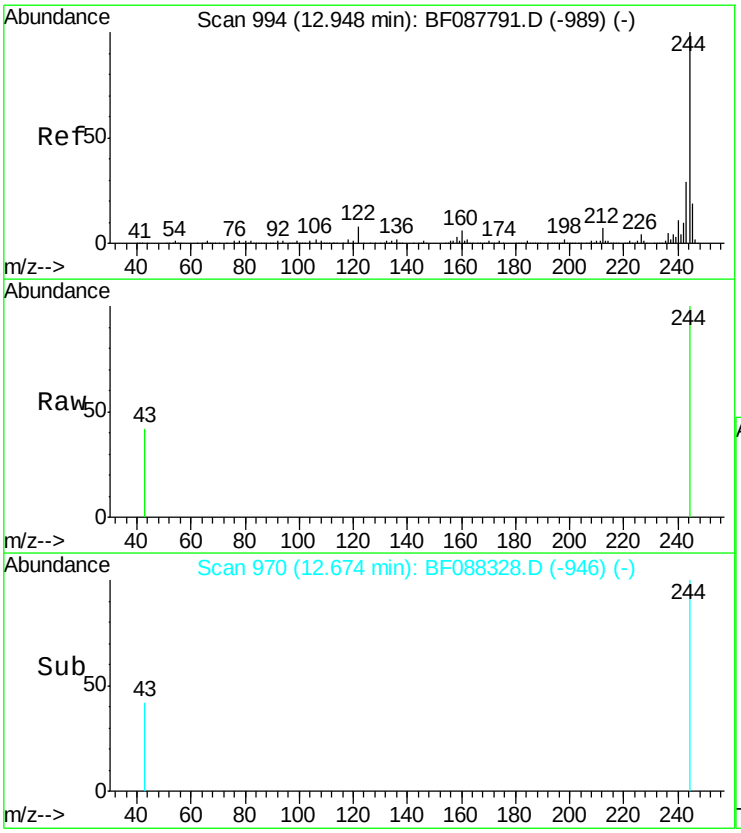
#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

Tgt Ion:240 Resp: 40744

Ion	Ratio	Lower	Upper
240	100		
120	12.3	6.8	10.2#
236	25.1	20.2	30.2

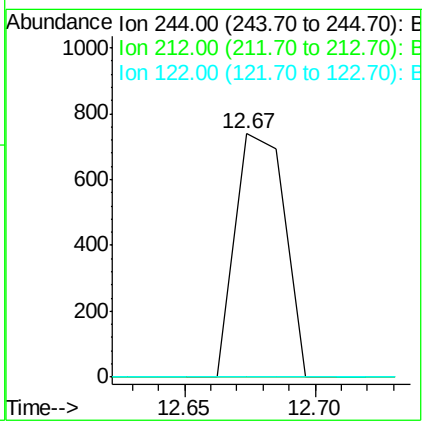


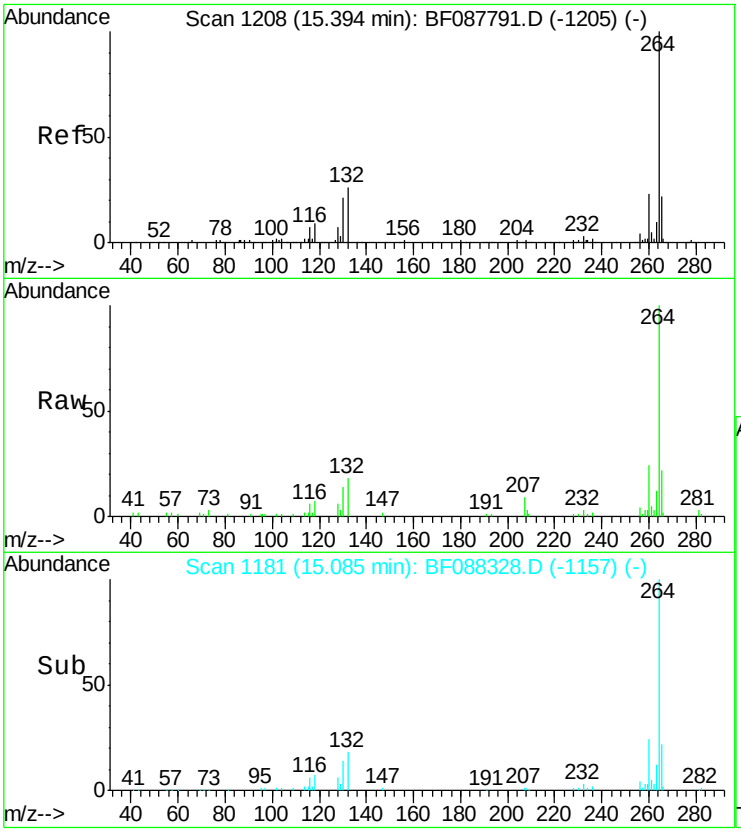


#78
Terphenyl-d14
Concen: 0.14 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Tgt Ion:244 Resp: 982

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.0	9.0#
122	0.0	11.2	16.8#





#86
Perylene-d12
Concen: 5.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF088328.D
Acq: 24 Jun 2016 11:25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512DL

Tgt Ion:264 Resp: 35307

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	16.9	25.3