Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090972.D
Acq On : 2 Nov 2016 1:00
Operator : UM/SJ
Sample : H5502-23
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-90-0.0-1.0

Quant Time: Nov 02 01:27:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	177993	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	690649	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	333187	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	463547	20.00	ng		0.01
75) Chrysene-d12	13.93	240	272097	20.00	ng		0.02
86) Perylene-d12	15.33	264	382350	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1055208	103.65	ng		0.00
7) Phenol-d6	6.38	99	1577044	114.82	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1056646	100.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	262926	76.79	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1379963	72.73	ng		-0.01
78) Terphenyl-d14	12.85	244	1163305	107.71	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.43	93	135081	8.61	ng	#	58
10) Phenol	6.40	94	87500	5.78	ng	#	1
15) Benzyl Alcohol	6.90	79	29820	3.31	ng	#	29
22) Acetophenone	7.15	105	47224	3.32	ng	#	82
25) Isophorone	7.56	82	121489	5.67	ng	#	83
31) Naphthalene	8.05	128	478050	14.81	ng		99
33) 4-Chloroaniline	8.05	127	74285	5.69	ng	#	49
35) Caprolactam	8.46	113	65312	23.48	ng	#	35
37) 2-Methylnaphthalene	8.74	142	169843	8.15	ng	#	89
45) 1,1'-Biphenyl	9.21	154	98224	4.09	ng		96
48) Acenaphthylene	9.64	152	261337	9.45	ng		96
49) Dimethylphthalate	9.50	163	463001	20.80	ng	#	97
51) Acenaphthene	9.81	154	649316	34.11	ng		88
54) Dibenzofuran	9.98	168	791580	32.22	ng	#	84
55) 4-Nitrophenol	9.98	139	309556	96.98	ng	#	30
57) Fluorene	10.33	166	822862	40.89	ng	#	92
61) 4-Nitroaniline	10.33	138	13003	2.51	ng		89
65) n-Nitrosodiphenylamine	10.45	169	114439	8.06	ng	#	84
70) Phenanthrene	11.36	178	1851754	78.44	ng		94
71) Anthracene	11.36	178	1851754	74.50	ng		95
72) Carbazole	11.50	167	874775	39.85	ng	#	92
74) Fluoranthene	12.50	202	6377044	246.69	ng		90
77) Pyrene	12.74	202	5268267	305.95	ng	#	90
80) Benzo(a)anthracene	13.92	228	4469308	309.50	ng	#	87
82) Chrysene	13.92	228	4469308	305.99	ng	#	89
83) Bis(2-ethylhexyl)phthalate	13.91	149	107089	10.53	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.71	276	1931638	149.23	ng	#	86
87) Benzo(b)fluoranthene	14.95	252	5709989	222.09	ng	#	87
88) Benzo(k)fluoranthene	14.95	252	5709989	281.03	ng	#	88
89) Benzo(a)pyrene	15.29	252	2996214	135.63	ng	#	84
90) Dibenzo(a,h)anthracene	16.71	278	592285	31.67	ng	#	80
91) Benzo(g,h,i)perylene	17.12	276	1590925	90.32	ng	#	77

Quantitation Report (Not Reviewed)

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Data File : BF090972.D
Acq On : 2 Nov 2016 1:00
Operator : UM/SJ
Sample : H5502-23
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Quant Time: Nov 02 01:27:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
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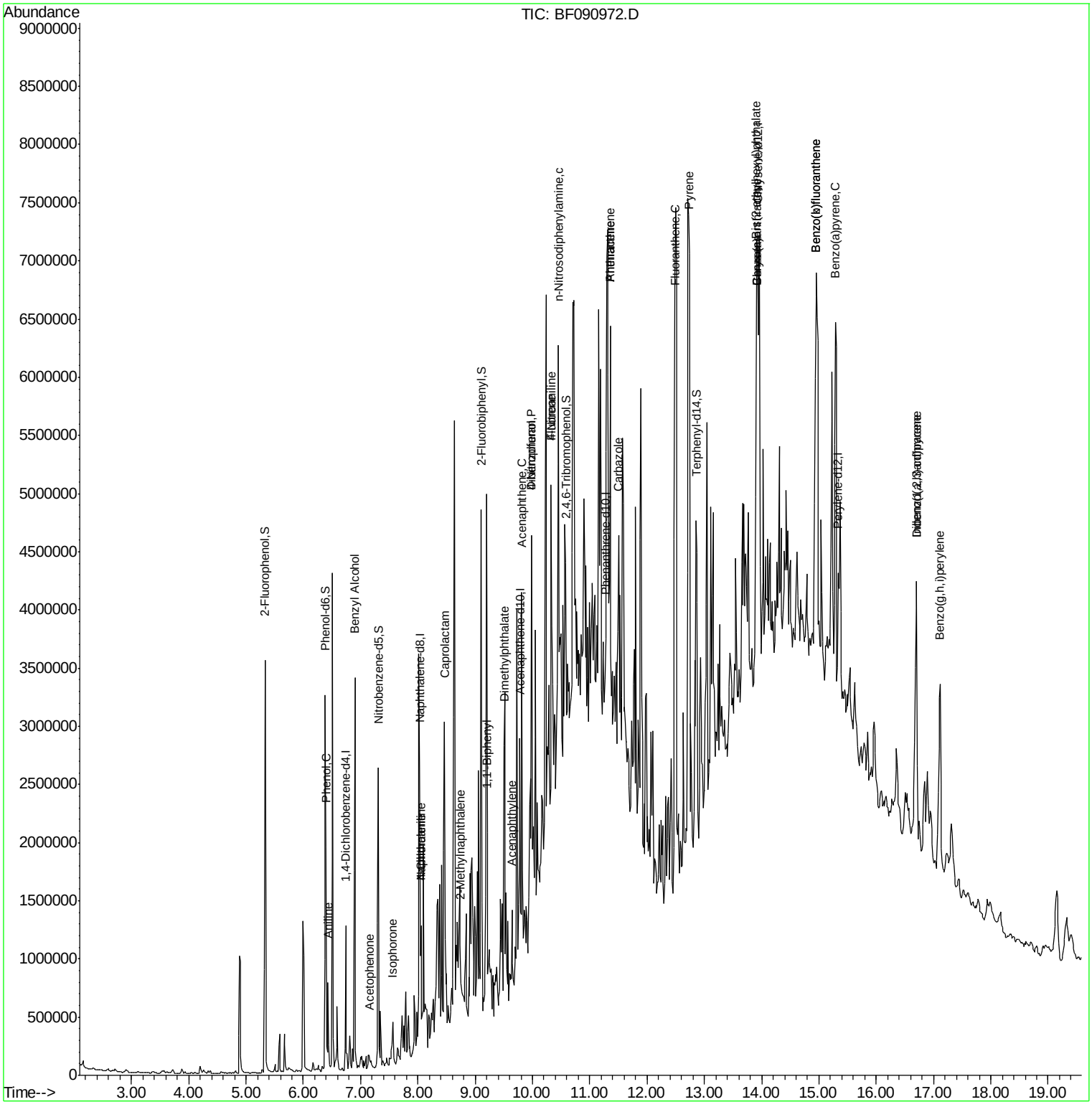
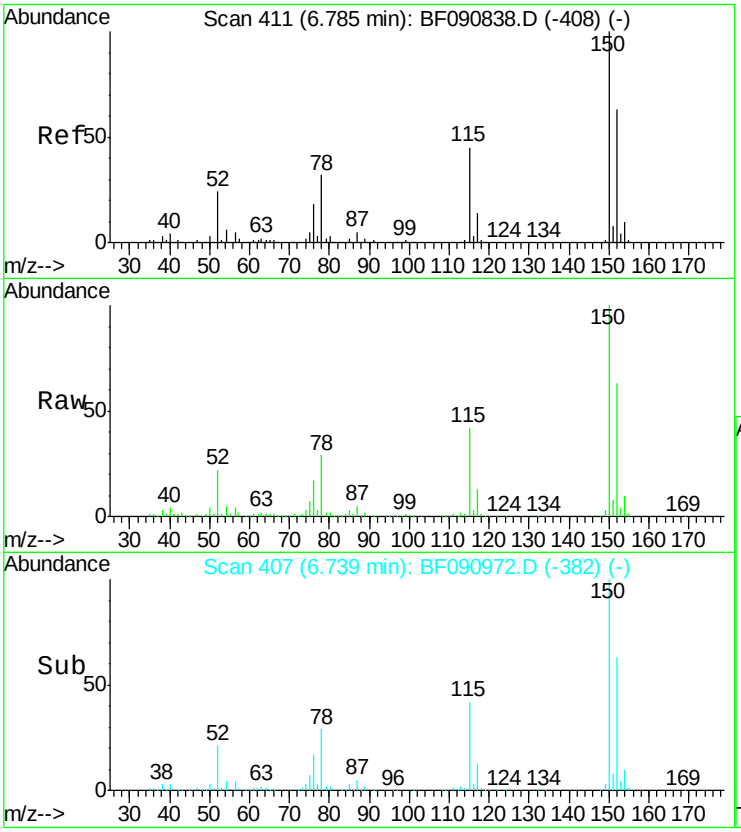


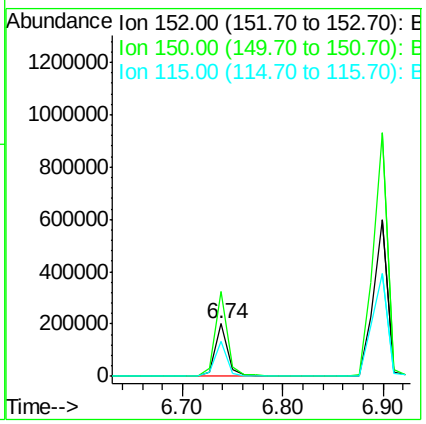


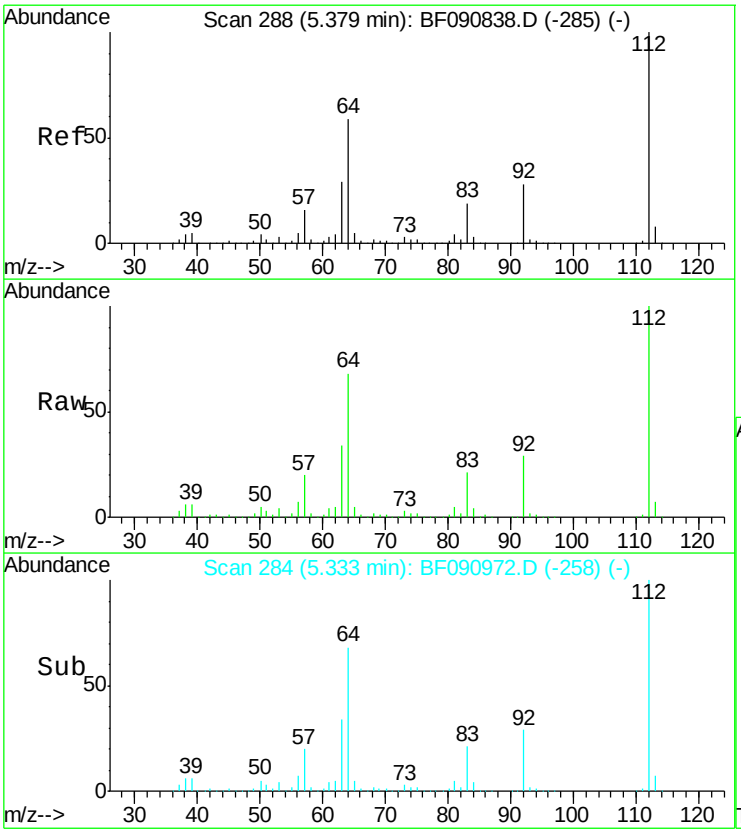
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion:152 Resp: 177993

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.7	187.1
115	66.6	39.0	58.4#

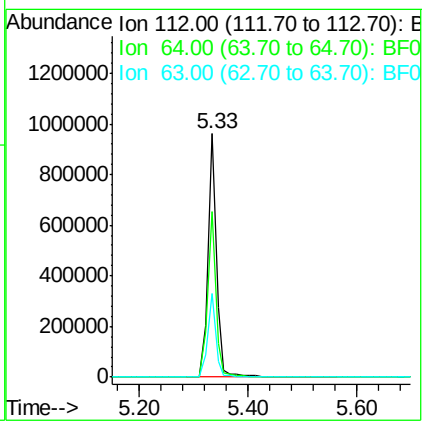


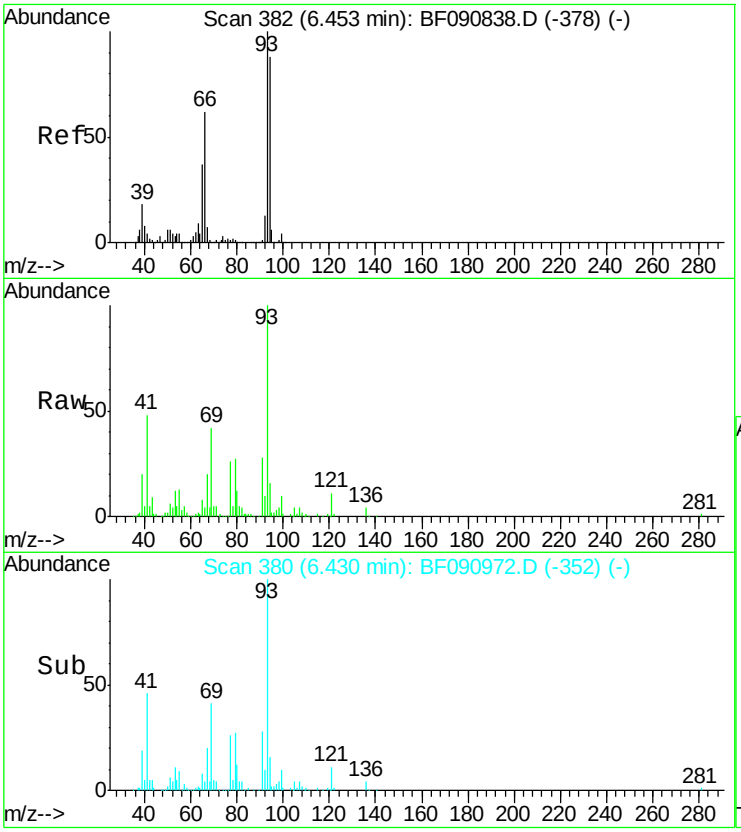


#5
2-Fluorophenol
Concen: 103.65 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Tgt Ion:112 Resp: 1055208

Ion	Ratio	Lower	Upper
112	100		
64	67.8	39.7	59.5#
63	34.2	17.4	26.0#



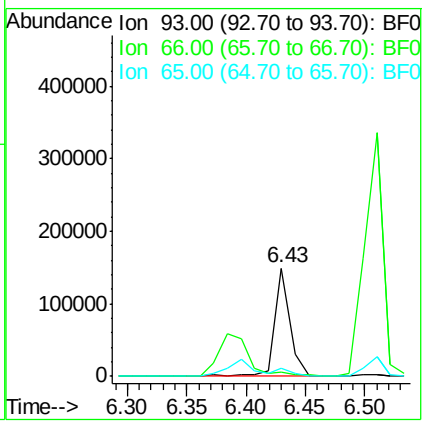


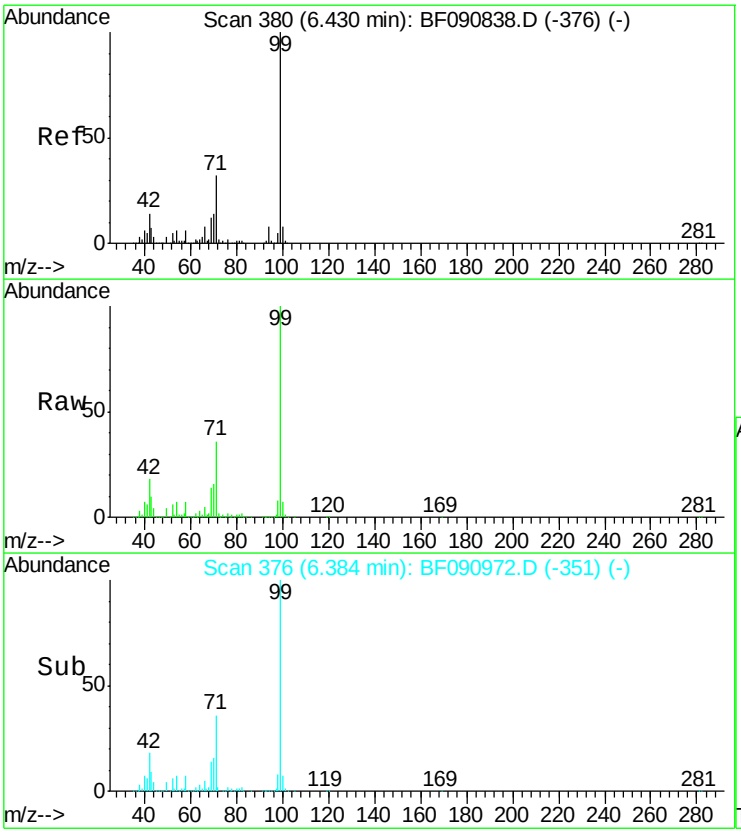
#6
Aniline
Concen: 8.61 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.02 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion: 93 Resp: 135081

Ion	Ratio	Lower	Upper
93	100		
66	4.1	27.2	40.8#
65	8.0	14.7	22.1#

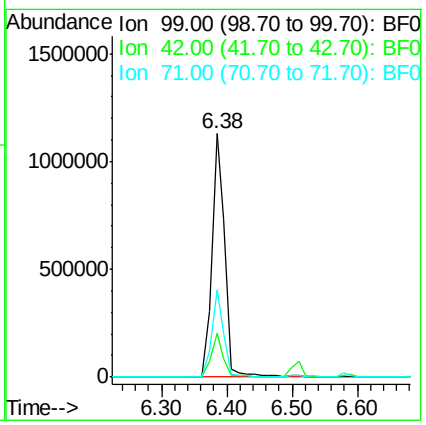


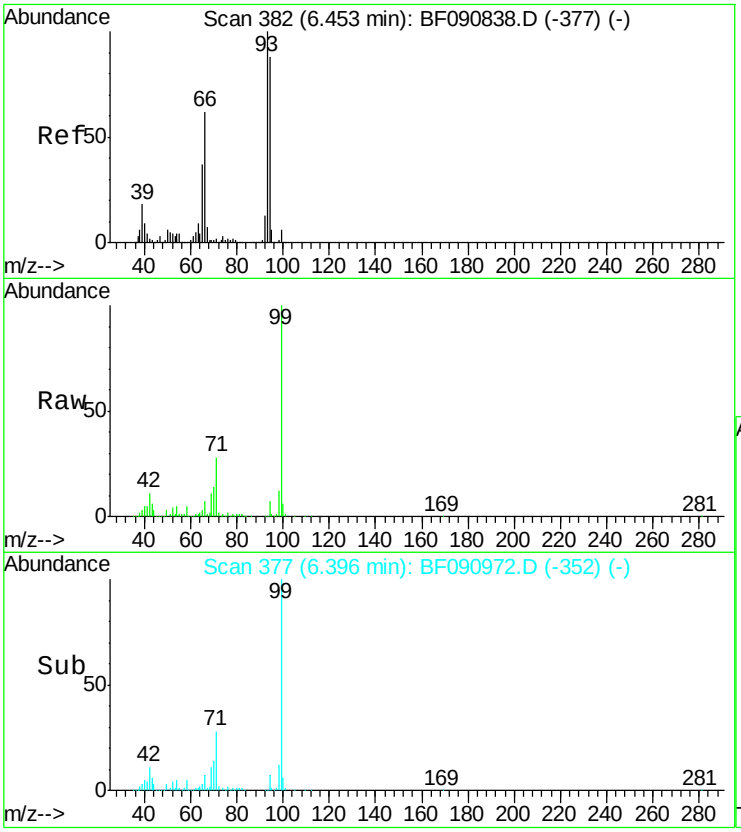


#7
Phenol-d6
Concen: 114.82 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Tgt Ion: 99 Resp: 1577044

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.7	20.5
71	35.9	14.2	21.2#



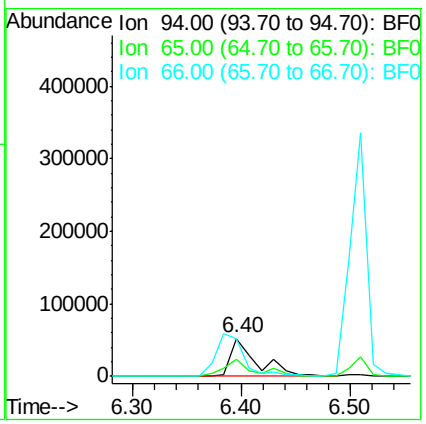


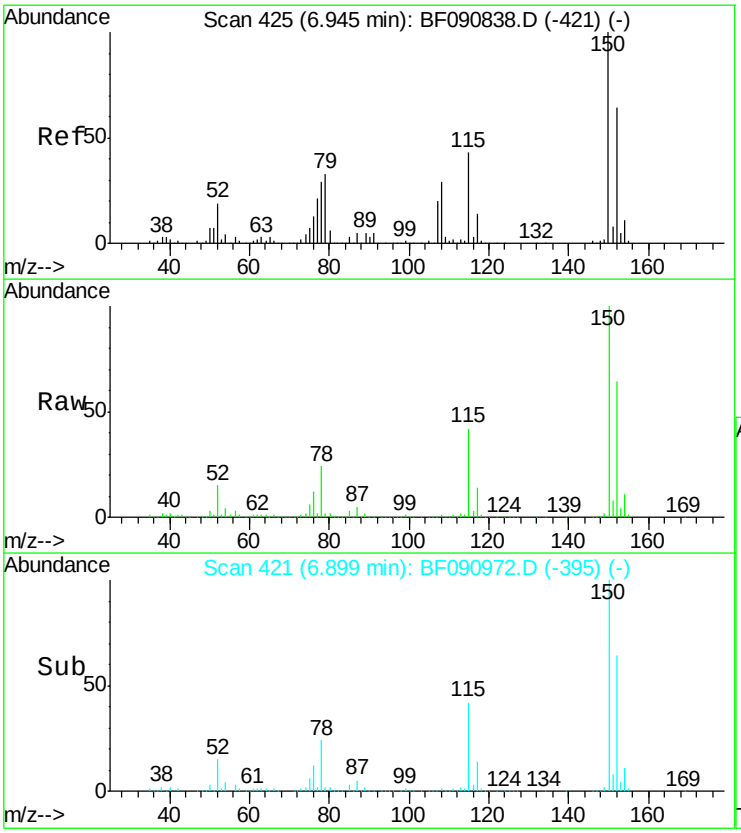
#10
Phenol
Concen: 5.78 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion: 94 Resp: 87500

Ion	Ratio	Lower	Upper
94	100		
65	46.1	0.7	40.7#
66	99.4	0.8	40.8#

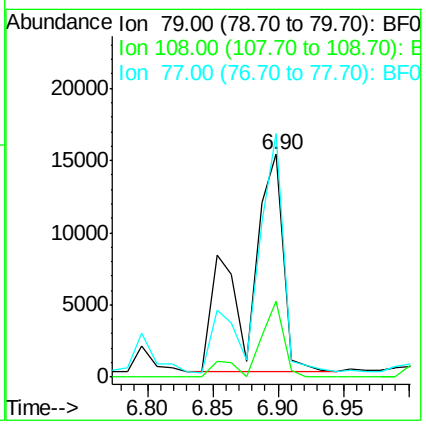


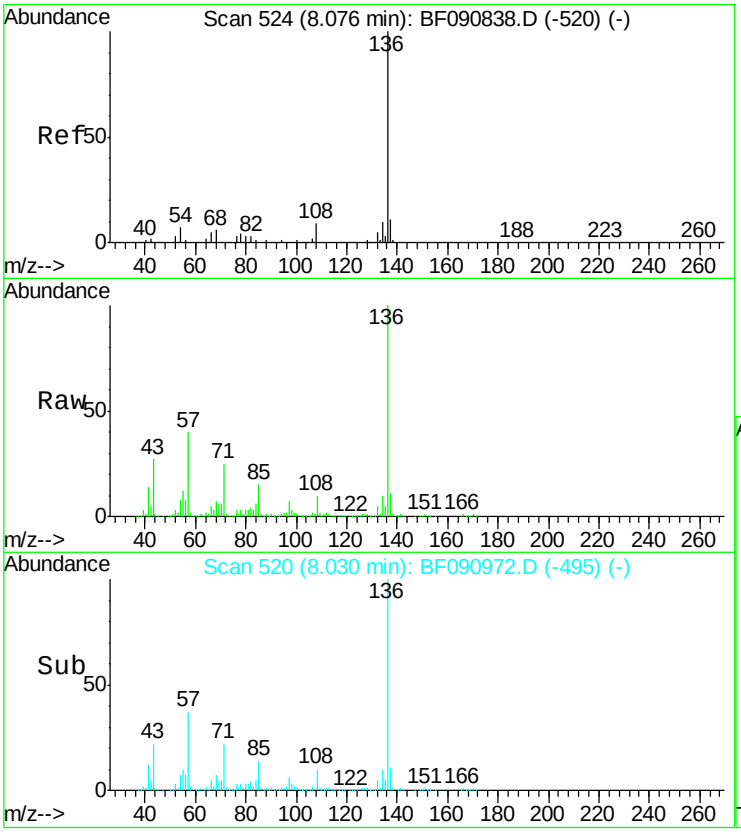


#15
Benzyl Alcohol
Concen: 3.31 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Tgt Ion: 79 Resp: 29820

Ion	Ratio	Lower	Upper
79	100		
108	34.1	88.6	132.8#
77	109.4	47.0	70.4#



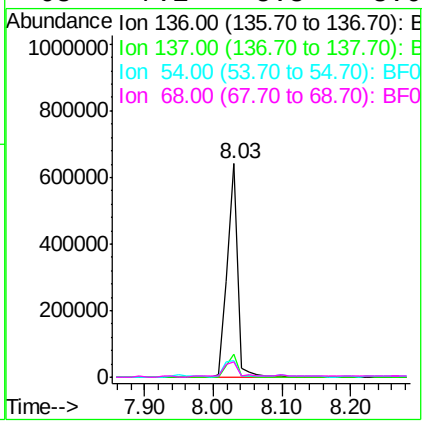


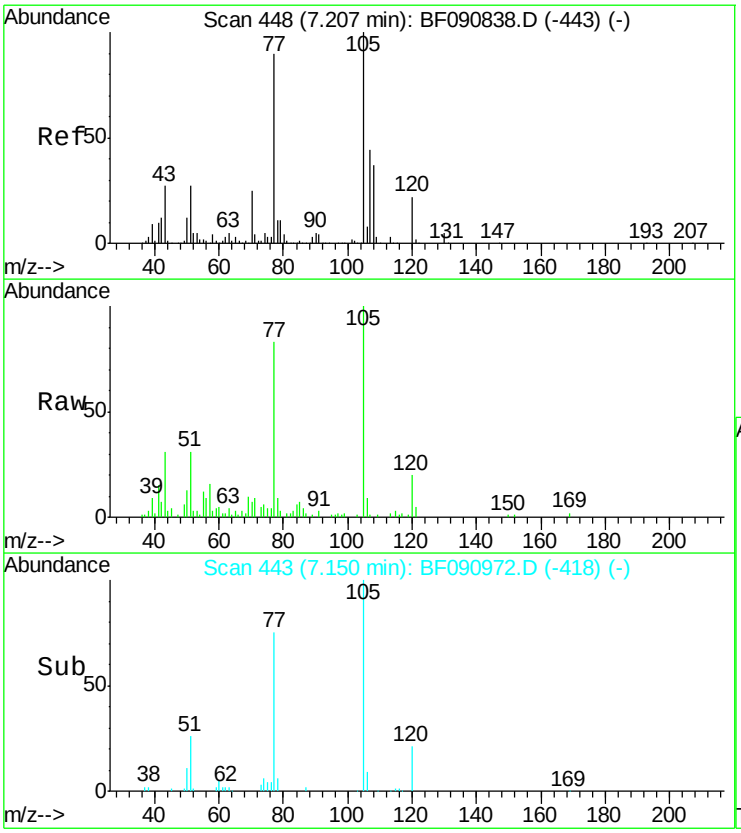
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion:136 Resp: 690649

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.7	8.2	12.2#
68	7.1	5.8	8.6

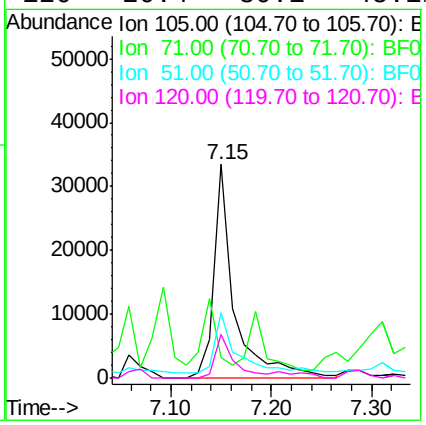


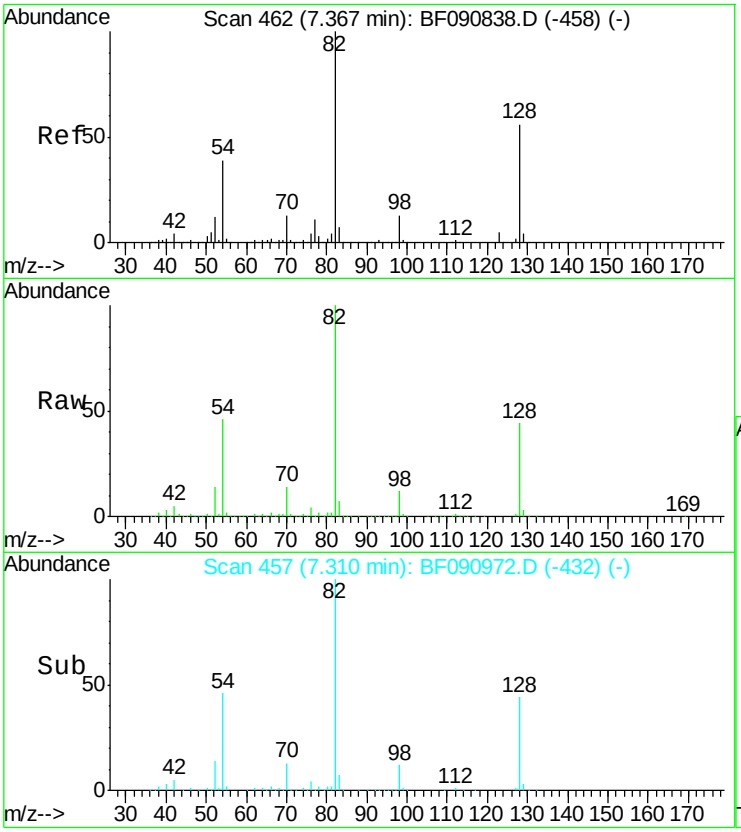


#22
Acetophenone
Concen: 3.32 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Tgt Ion:105 Resp: 47224

Ion	Ratio	Lower	Upper
105	100		
71	9.3	4.7	7.1#
51	30.8	22.0	33.0
120	20.4	30.1	45.1#



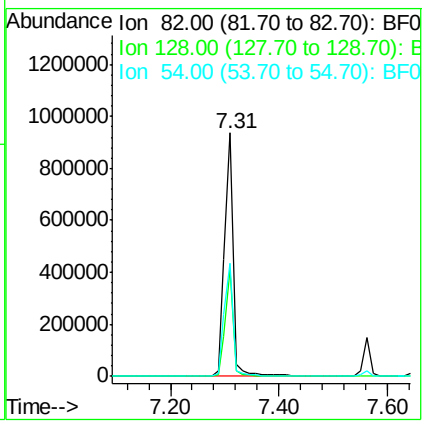


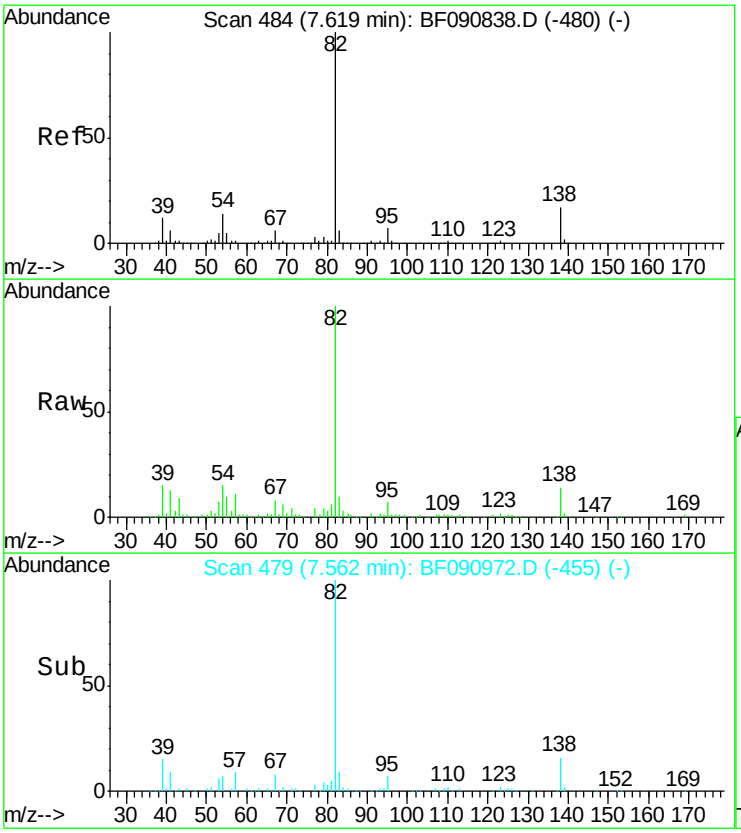
#23
Nitrobenzene-d5
Concen: 100.16 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion: 82 Resp: 1056646

Ion	Ratio	Lower	Upper
82	100		
128	44.0	51.0	76.6#
54	46.4	47.5	71.3#

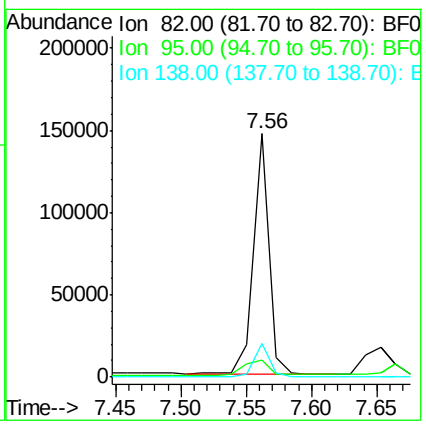


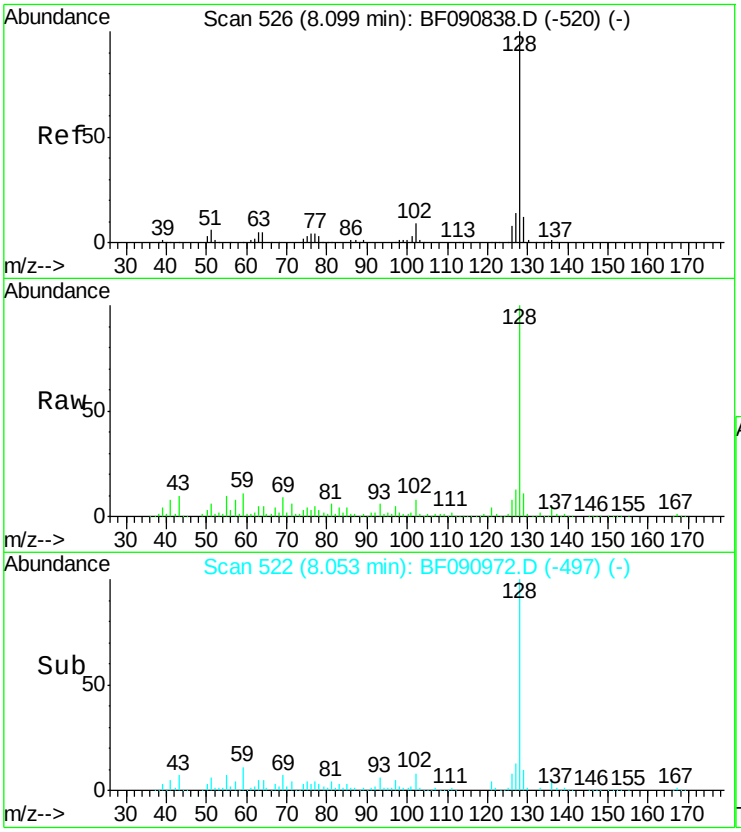


#25
Isophorone
Concen: 5.67 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Tgt Ion: 82 Resp: 121489

Ion	Ratio	Lower	Upper
82	100		
95	7.2	4.0	6.0#
138	13.7	18.3	27.5#



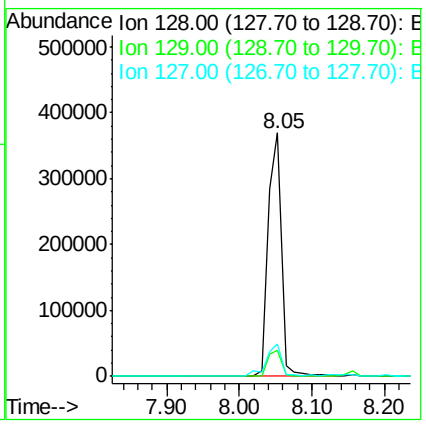


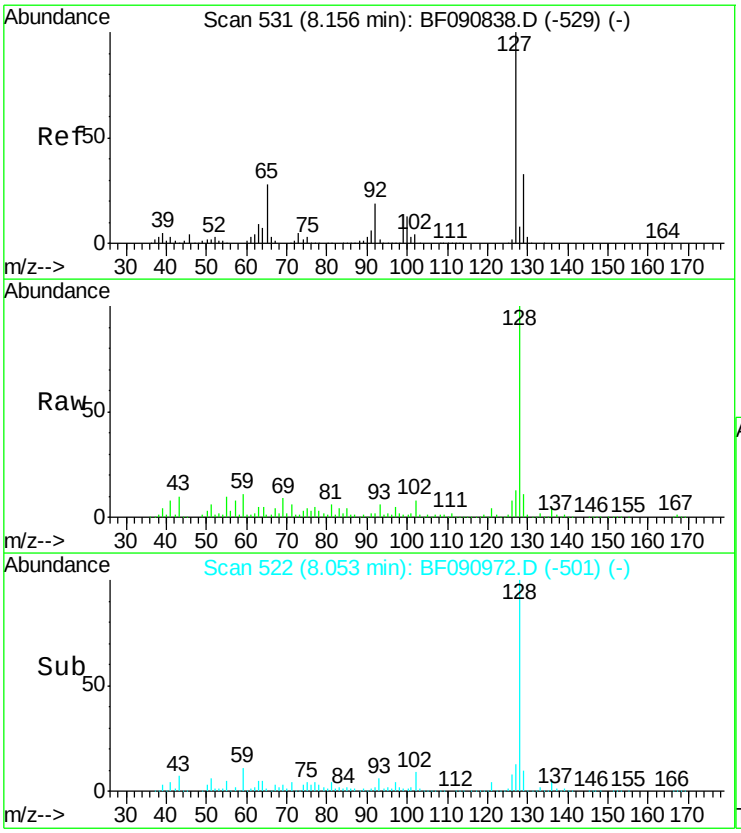
#31
Naphthalene
Concen: 14.81 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Instrument :
BNA_F
ClientSampleId :
SB-90-0.0-1.0

Tgt Ion:128 Resp: 478050

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.4	12.6
127	13.3	9.9	14.9





#33
4-Chloroaniline
Concen: 5.69 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF090972.D
Acq: 2 Nov 2016 1:00

Tgt Ion:127 Resp: 74285

Ion	Ratio	Lower	Upper
127	100		
129	80.3	25.8	38.6#
65	7.0	17.9	26.9#
92	13.1	10.5	15.7