Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Time: Jan 06 00:03:04 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	193762	20.00	ng		-0.05
21) Naphthalene-d8	7.94	136	705086	20.00	ng		-0.05
38) Acenaphthene-d10	9.69	164	389224	20.00	ng		-0.06
63) Phenanthrene-d10	11.17	188	609820	20.00	ng		-0.06
75) Chrysene-d12	13.80	240	502673	20.00	ng		-0.07
86) Perylene-d12	15.17	264	394523	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	831326	71.64	ng		-0.07
7) Phenol-d6	6.31	99	727785	51.37	ng		-0.07
23) Nitrobenzene-d5	7.22	82	1384530	109.19	ng		-0.06
41) 2,4,6-Tribromophenol	10.48	330	446982	138.77	ng		-0.06
44) 2-Fluorobiphenyl	9.02	172	2071744	113.36	ng		-0.06
78) Terphenyl-d14	12.76	244	1721468	83.06	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.20	77	1323	Below Cal		#	1
10) Phenol	6.32	94	70227	4.35	ng		79
15) Benzyl Alcohol	6.81	79	26631	2.42	ng	#	17
18) Hexachloroethane	7.22	117	453121	85.21	ng	#	2
24) Nitrobenzene	7.24	77	57751	4.28	ng	#	18
35) Caprolactam	8.38	113	8546	2.78	ng	#	1
37) 2-Methylnaphthalene	8.65	142	3555	Below Cal		#	2
56) 2,4-Dinitrotoluene	9.88	165	23444	3.43	ng	#	51
66) 4-Bromophenyl-phenylether	10.48	248	28628	4.51	ng	#	1
71) Anthracene	11.29	178	5036	Below Cal		#	1
73) Di-n-butylphthalate	11.75	149	10756	Below Cal		#	38
74) Fluoranthene	12.38	202	1860	Below Cal		#	18
76) Benzidine	12.44	184	778	Below Cal		#	1

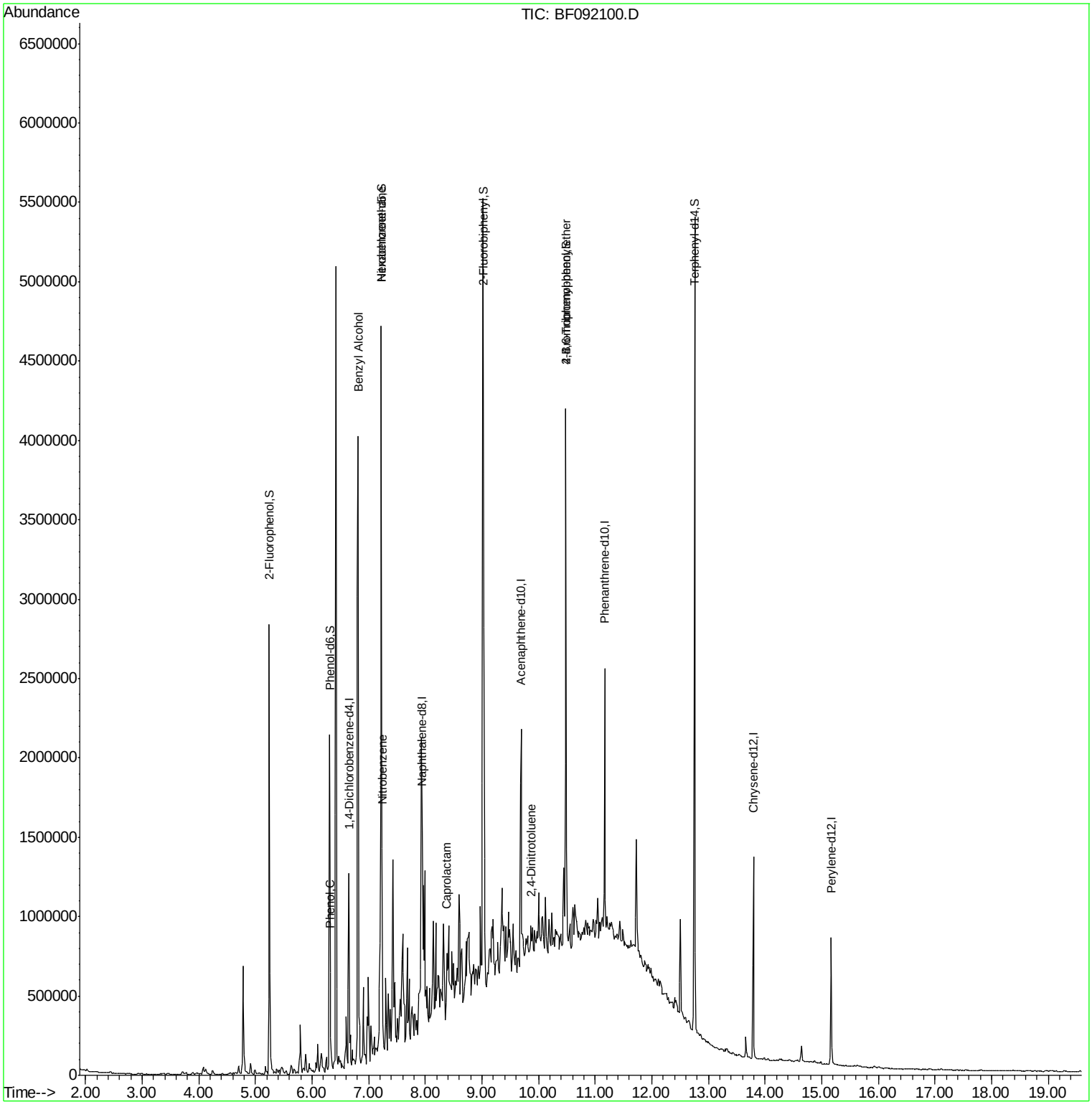
(#) = qualifier out of range (m) = manual integration (+) = signals summed

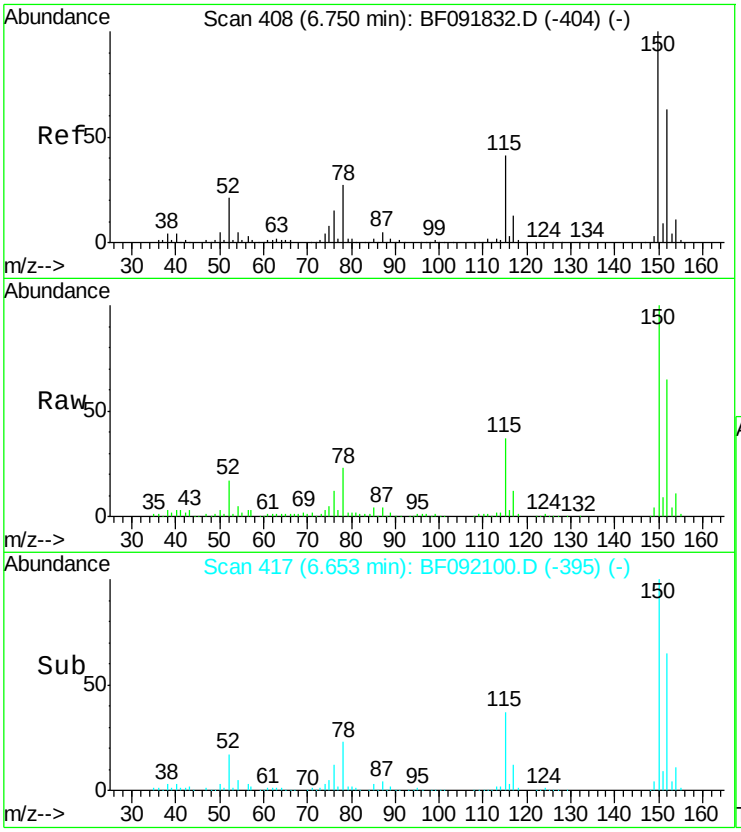
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092100.D
Acq On : 5 Jan 2017 20:30
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-22

Quant Time: Jan 06 00:03:04 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration



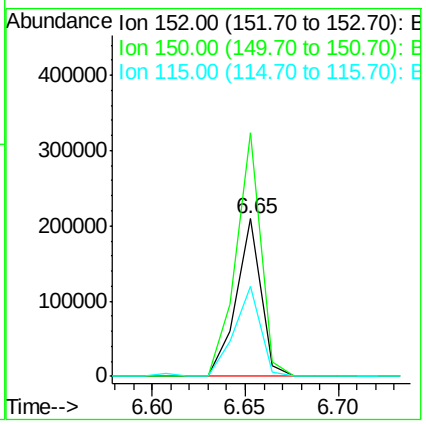


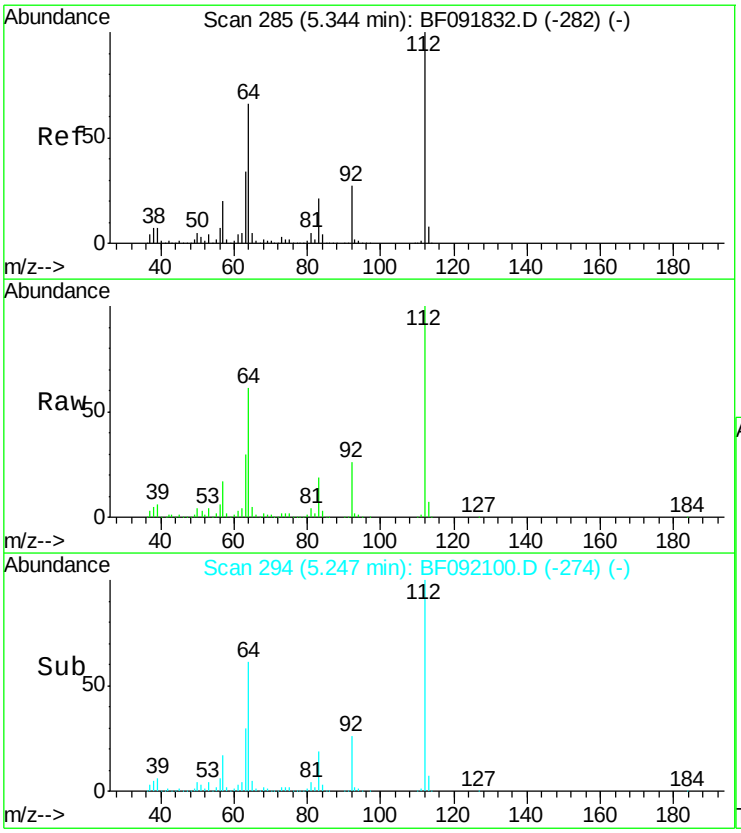
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:152 Resp: 193762

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.9	187.3
115	57.6	46.0	69.0

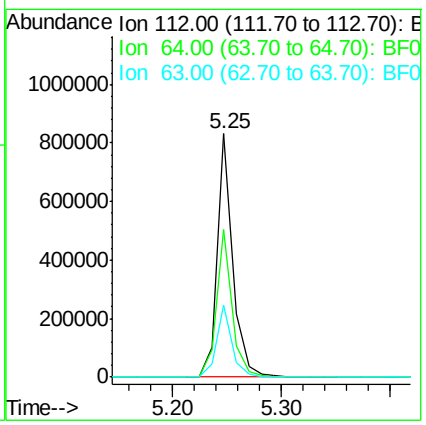


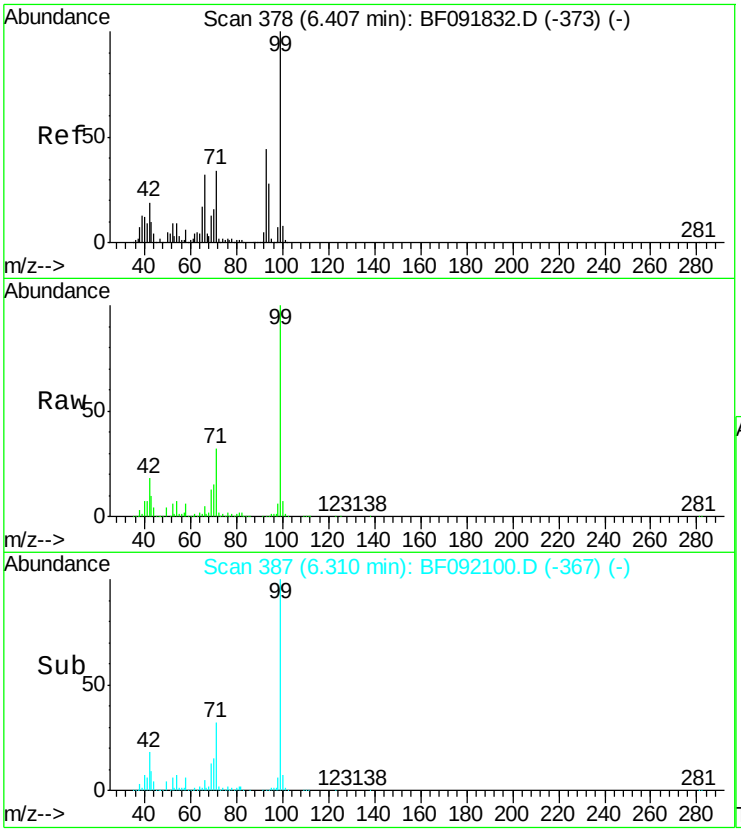


#5
2-Fluorophenol
Concen: 71.64 ng
RT: 5.25 min Scan# 294
Delta R.T. -0.07 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion:112 Resp: 831326

Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.1	69.1
63	29.6	23.8	35.6



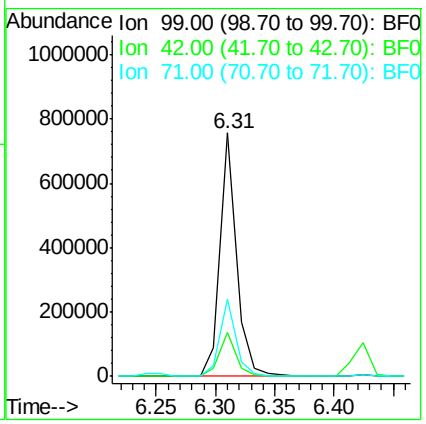


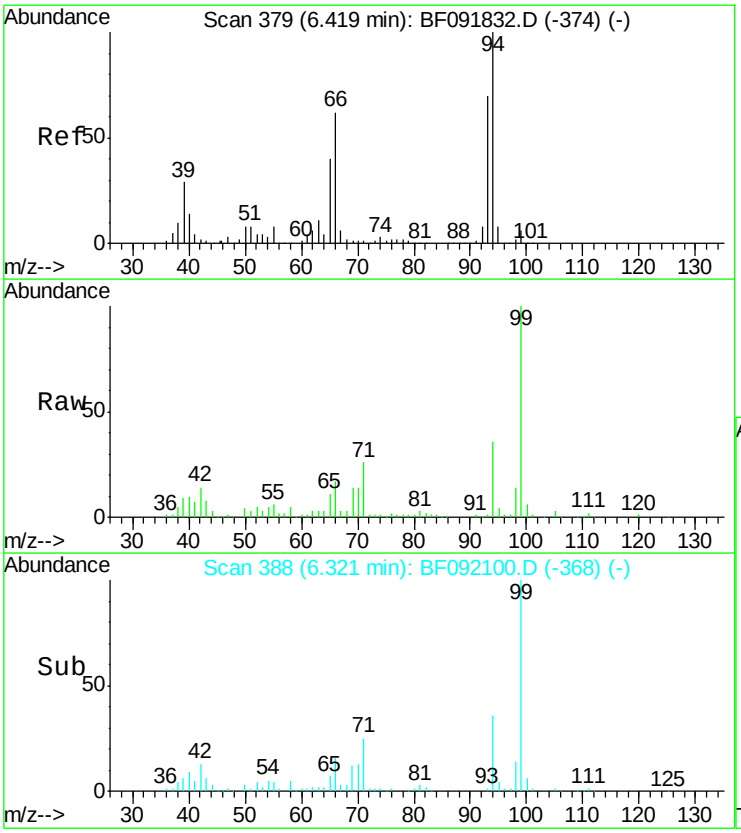
#7
Phenol-d6
Concen: 51.37 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.07 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 99 Resp: 727785

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.6	23.4
71	31.9	27.5	41.3

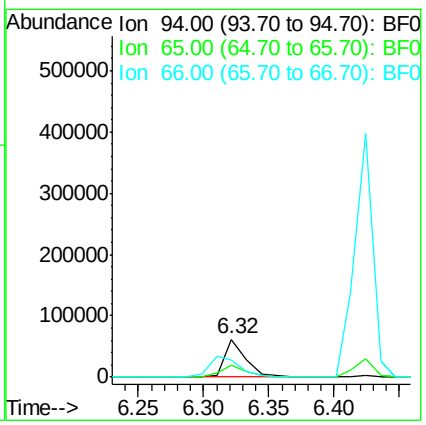


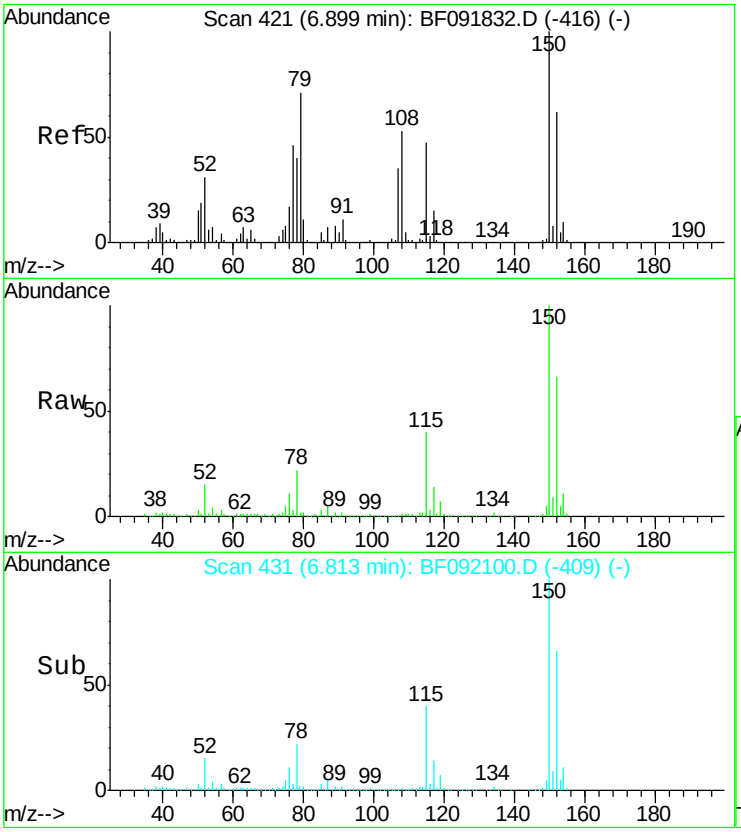


#10
Phenol
Concen: 4.35 ng
RT: 6.32 min Scan# 388
Delta R.T. -0.07 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion: 94 Resp: 70227

Ion	Ratio	Lower	Upper
94	100		
65	30.0	21.4	61.4
66	45.9	44.0	84.0



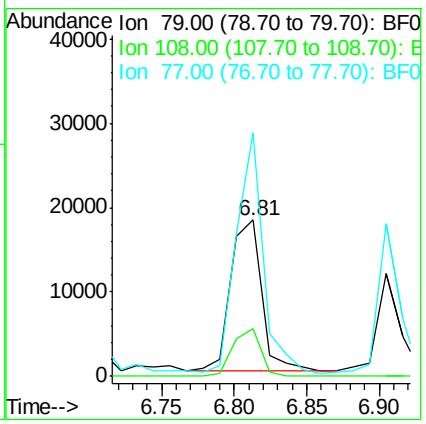


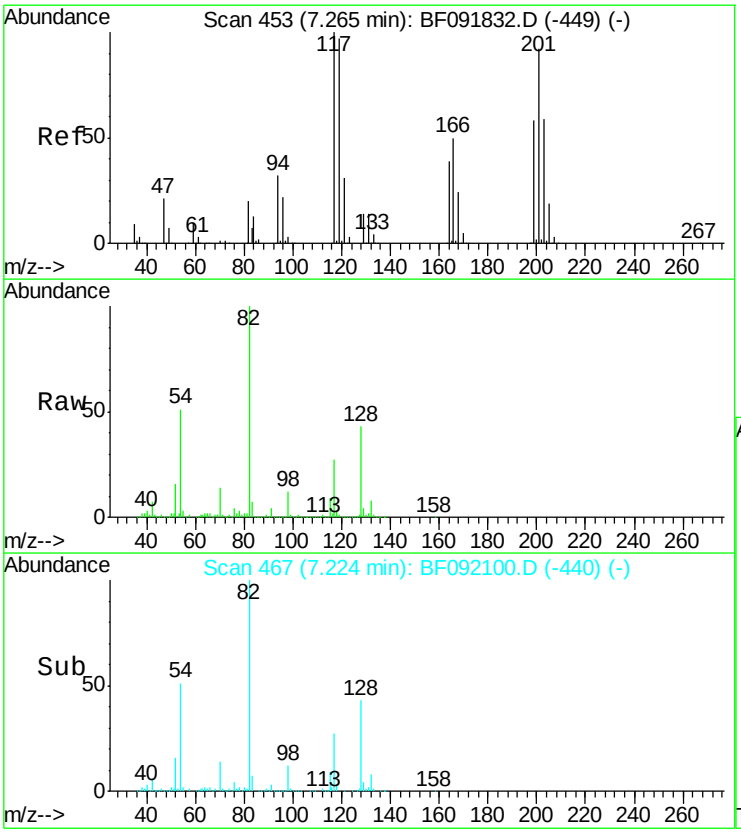
#15
Benzyl Alcohol
Concen: 2.42 ng
RT: 6.81 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 79 Resp: 26631

Ion	Ratio	Lower	Upper
79	100		
108	30.3	61.4	92.0#
77	156.0	50.9	76.3#

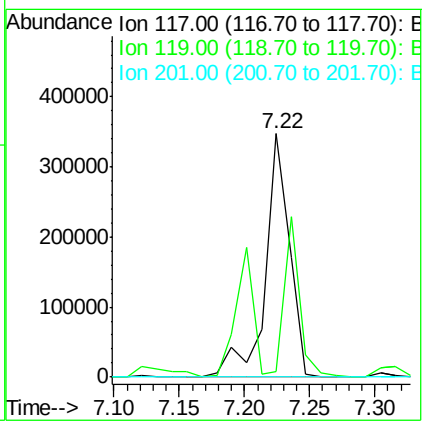


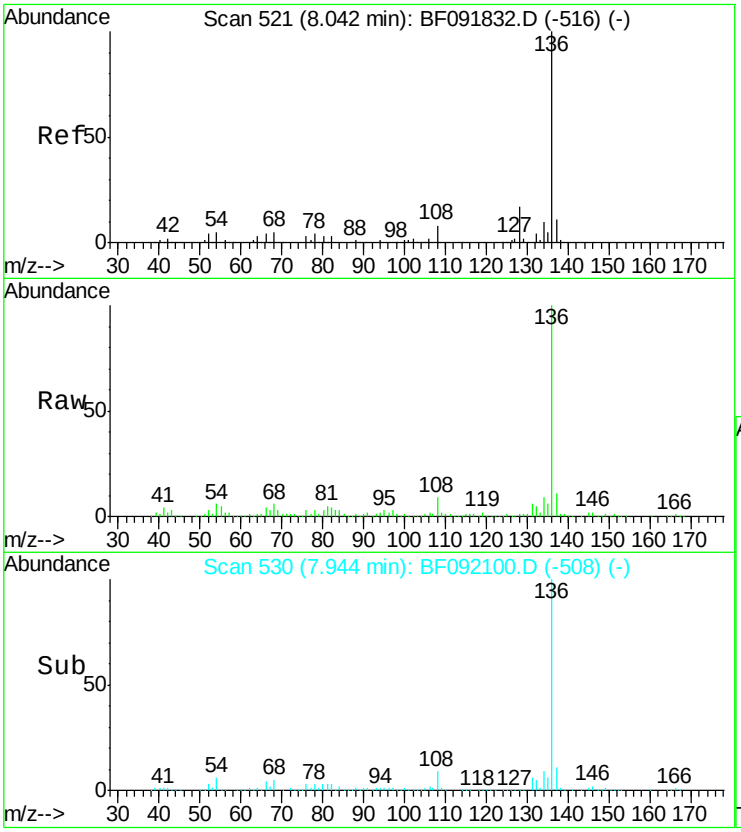


#18
Hexachloroethane
Concen: 85.21 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion:117 Resp: 453121

Ion	Ratio	Lower	Upper
117	100		
119	2.3	78.1	117.1#
201	0.0	78.6	117.8#



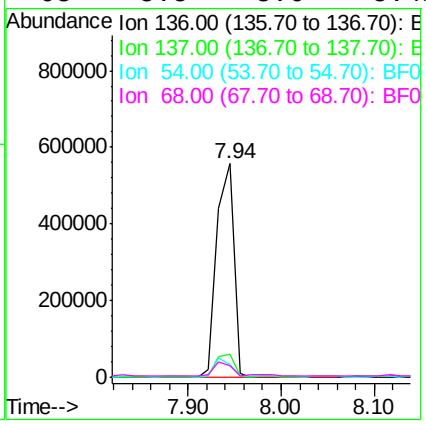


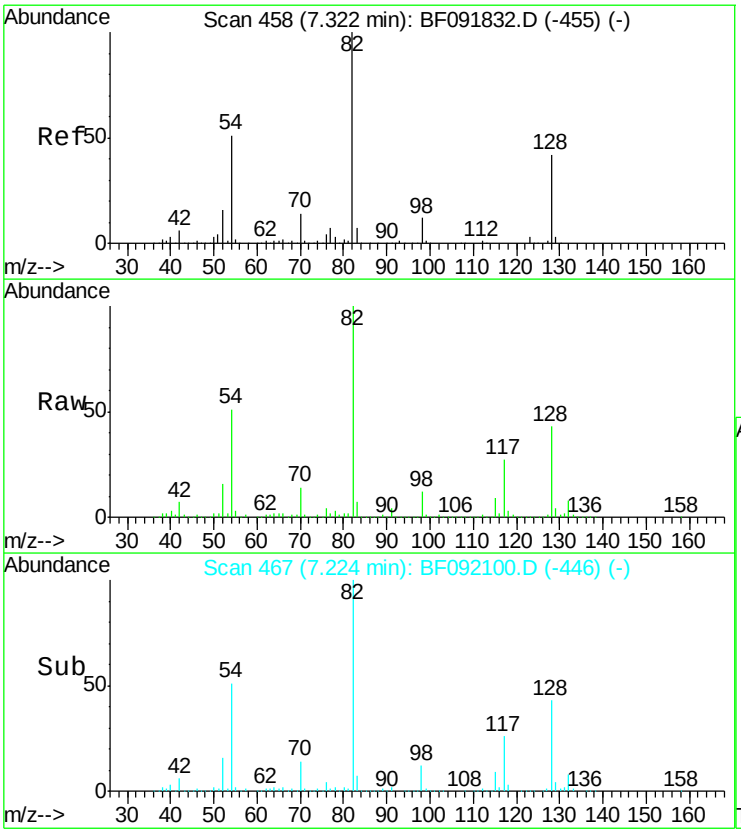
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:136 Resp: 705086

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.2	4.5	6.7
68	5.5	3.6	5.4#

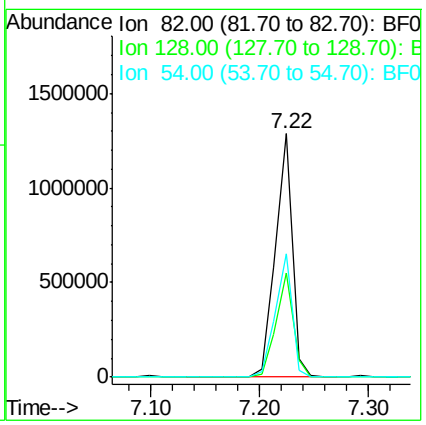


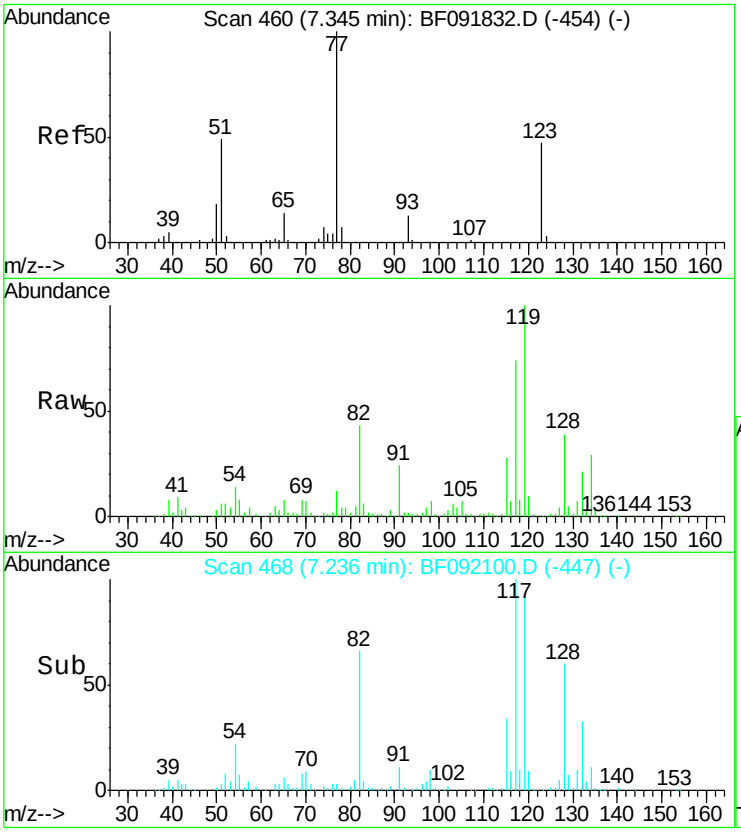


#23
Nitrobenzene-d5
Concen: 109.19 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.06 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion: 82 Resp: 1384530

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	52.0
54	50.6	39.5	59.3



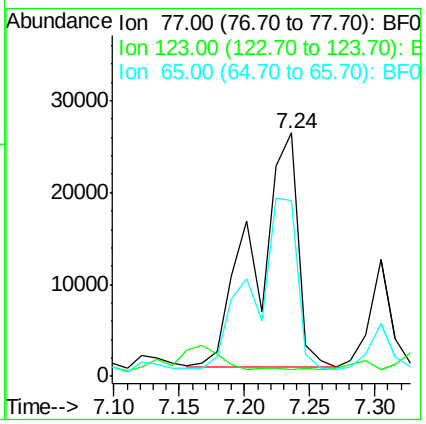


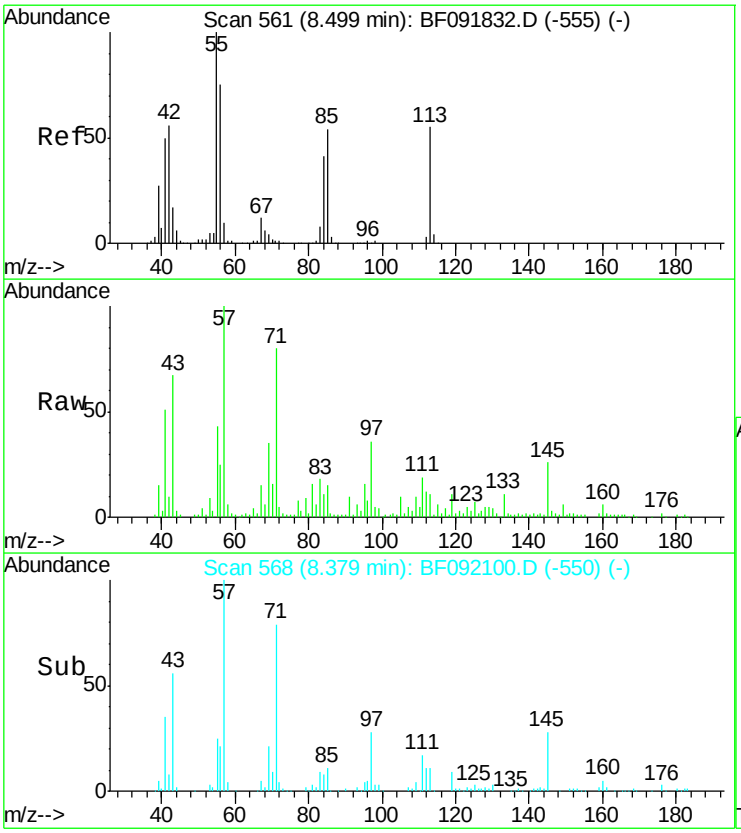
#24
Nitrobenzene
Concen: 4.28 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.06 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 77 Resp: 57751

Ion	Ratio	Lower	Upper
77	100		
123	3.0	33.0	49.4#
65	72.0	11.2	16.8#

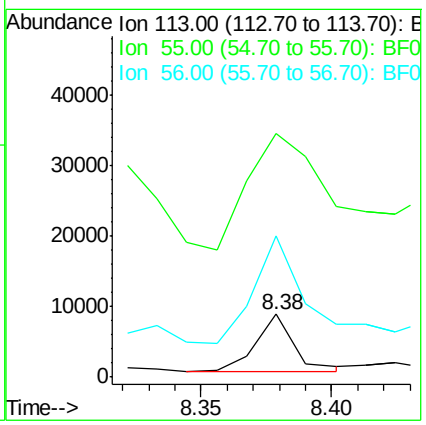


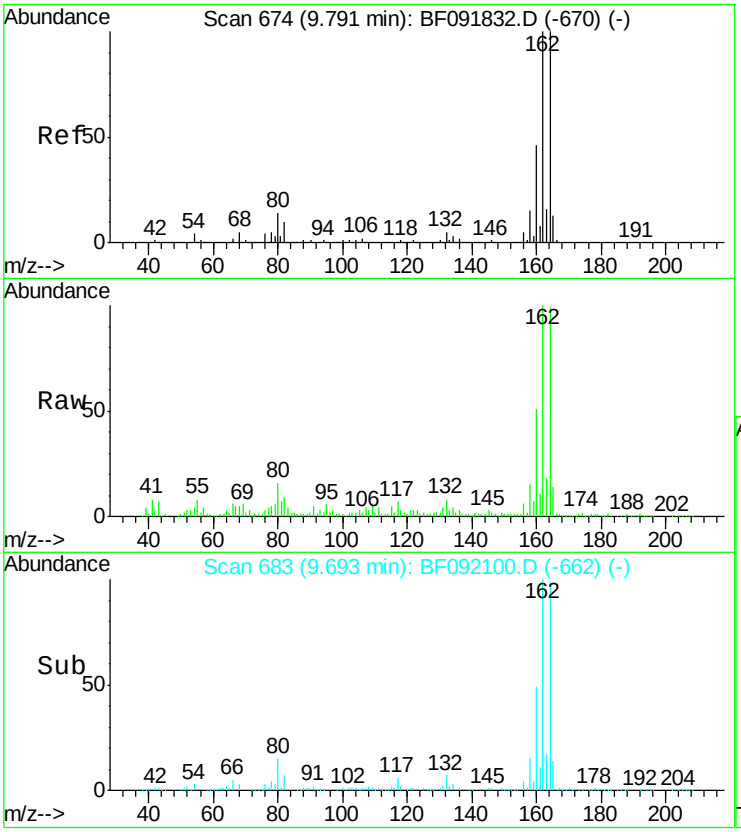


#35
Caprolactam
Concen: 2.78 ng
RT: 8.38 min Scan# 568
Delta R.T. -0.10 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion:113 Resp: 8546

Ion	Ratio	Lower	Upper
113	100		
55	386.7	119.2	159.2#
56	224.3	83.8	123.8#



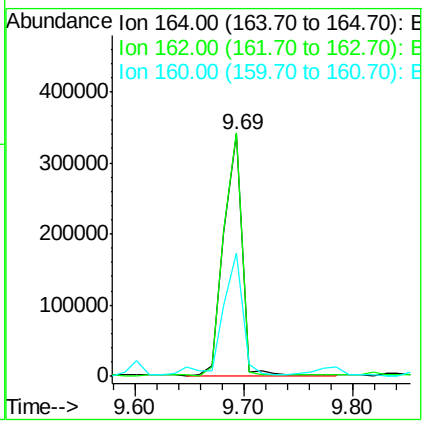


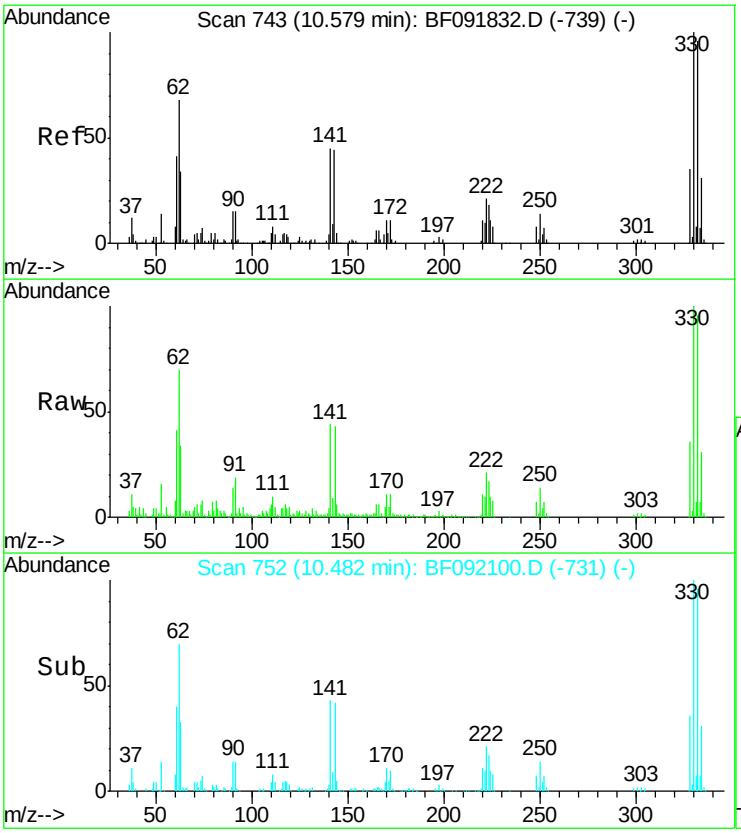
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:164 Resp: 389224

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	51.1	36.9	55.3

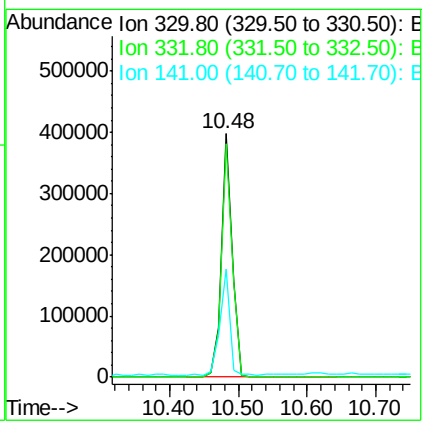


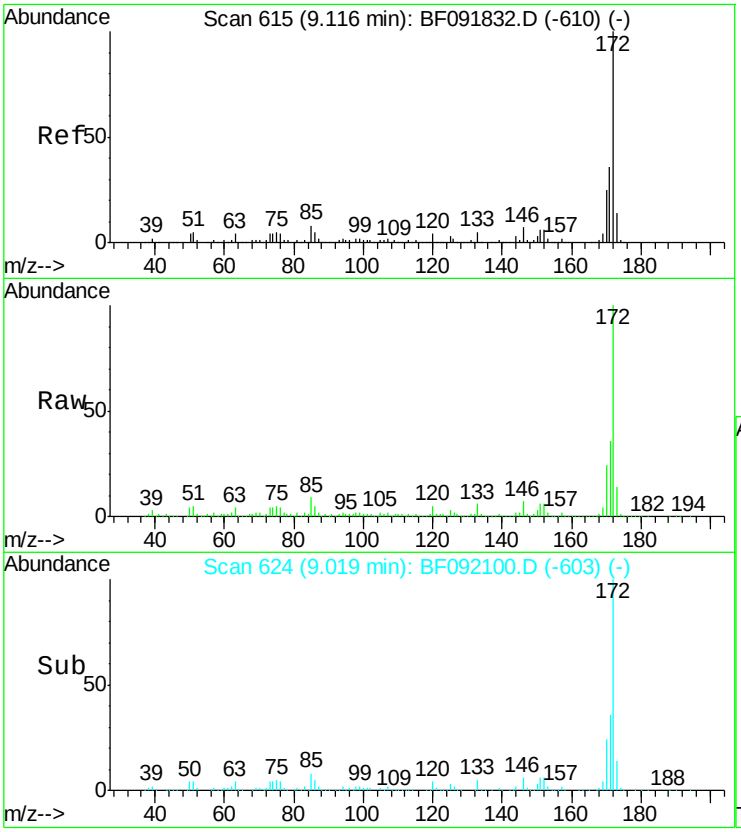


#41
2,4,6-Tribromophenol
Concen: 138.77 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion:330 Resp: 446982

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	39.9	34.1	51.1



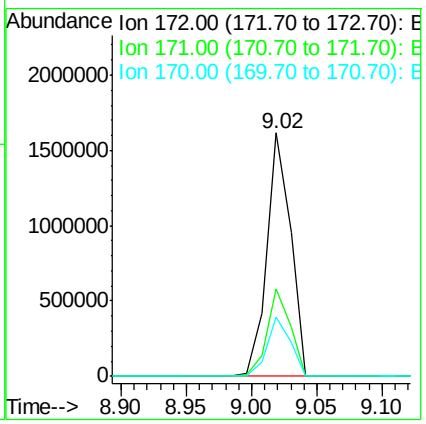


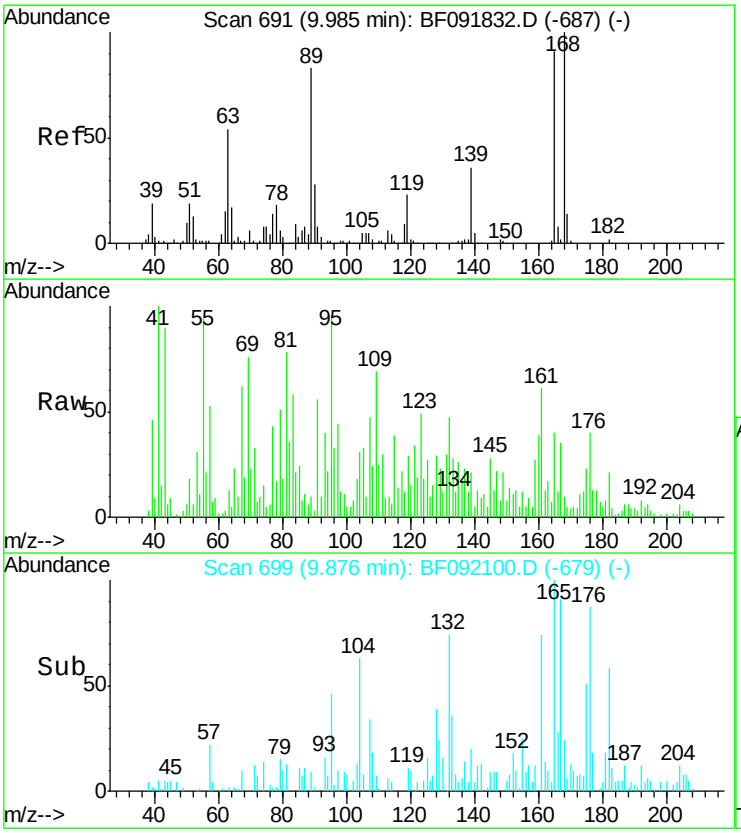
#44
2-Fluorobiphenyl
Concen: 113.36 ng
RT: 9.02 min Scan# 624
Delta R.T. -0.06 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:172 Resp: 2071744

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.4	20.2	30.4

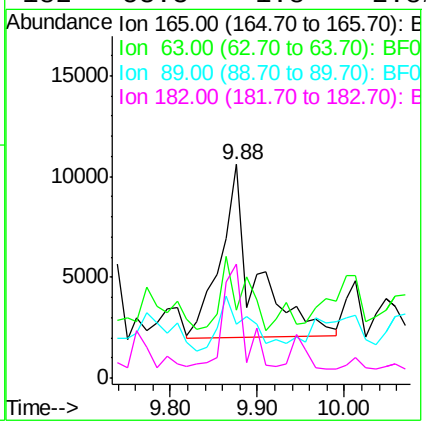


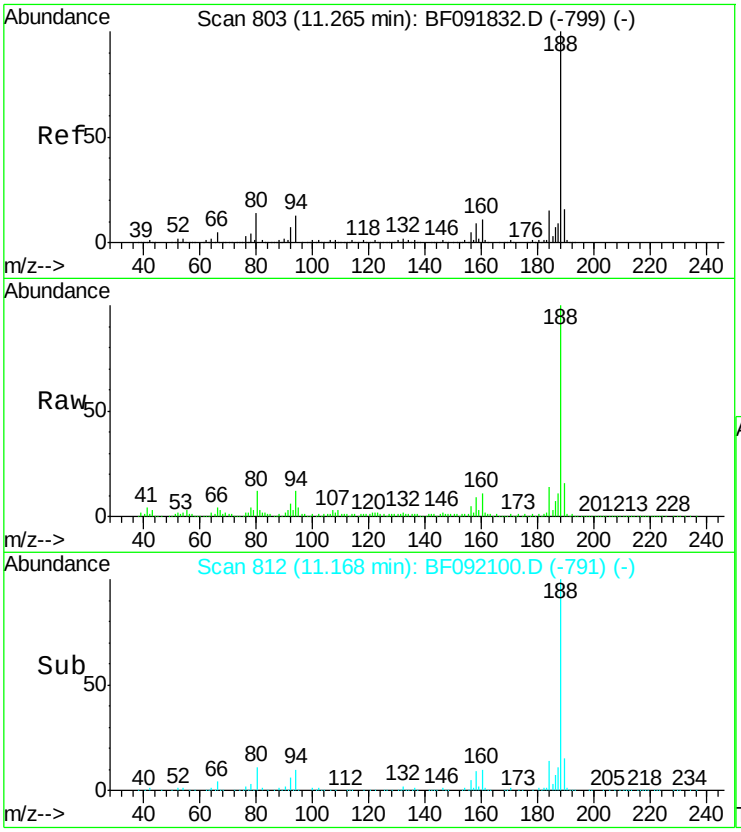


#56
2,4-Dinitrotoluene
Concen: 3.43 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion:165 Resp: 23444

Ion	Ratio	Lower	Upper
165	100		
63	31.7	40.2	60.4#
89	25.4	62.5	93.7#
182	53.3	1.8	2.8#



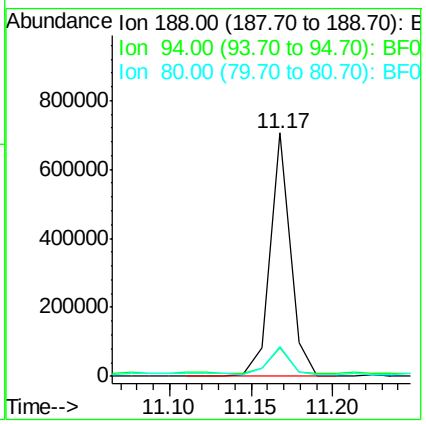


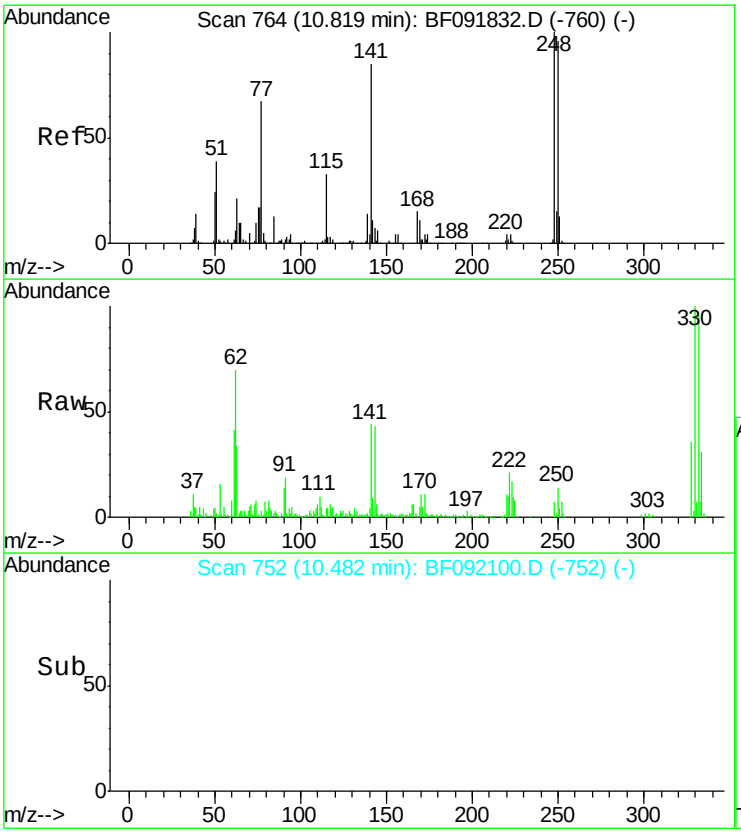
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:188 Resp: 609820

Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.0	15.0
80	12.1	11.2	16.8

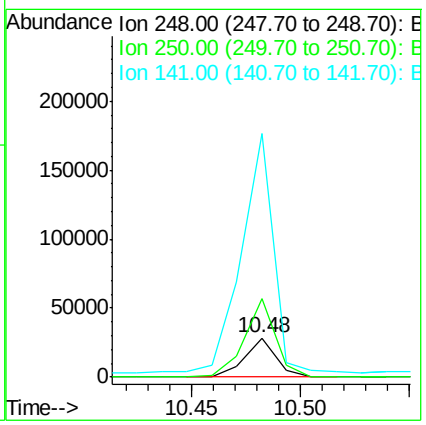


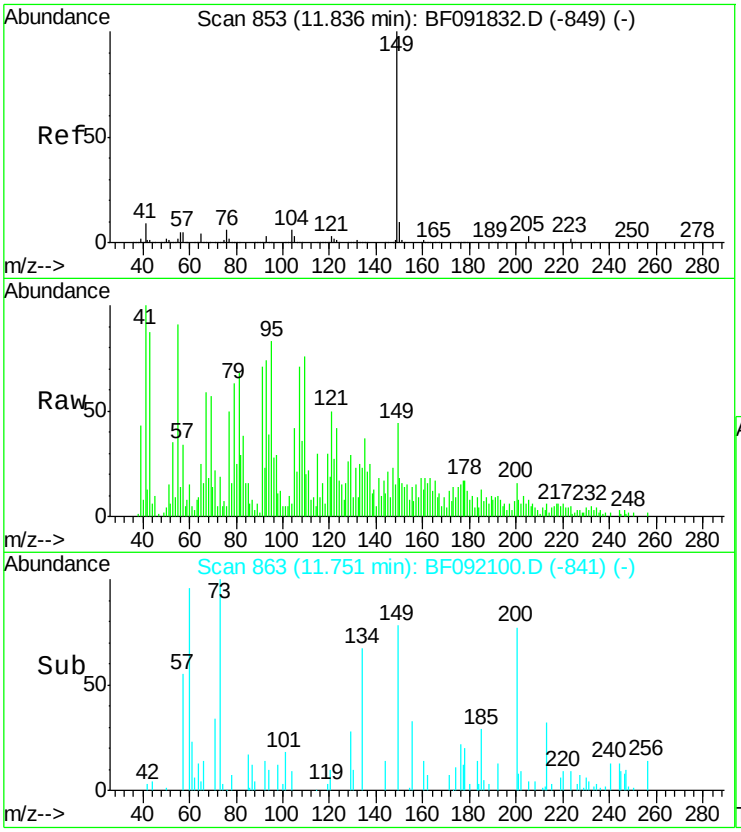


#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.30 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion:248 Resp: 28628

Ion	Ratio	Lower	Upper
248	100		
250	199.6	76.9	115.3#
141	618.5	68.2	102.4#



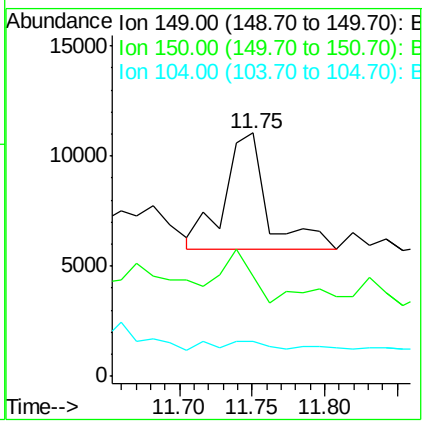


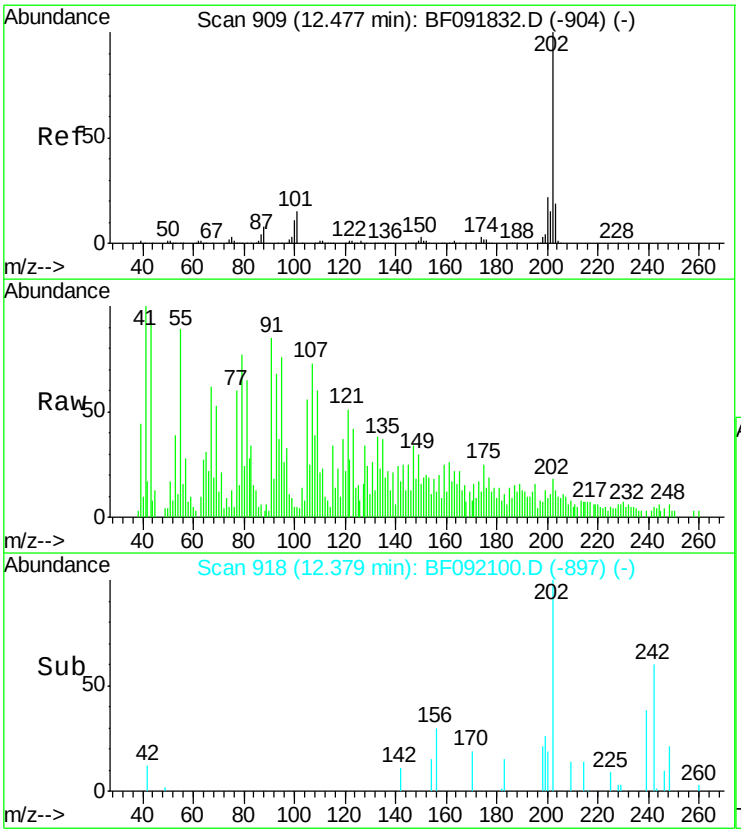
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.75 min Scan# 863
Delta R.T. -0.05 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:149 Resp: 10756

Ion	Ratio	Lower	Upper
149	100		
150	41.1	8.1	12.1#
104	14.3	4.6	7.0#

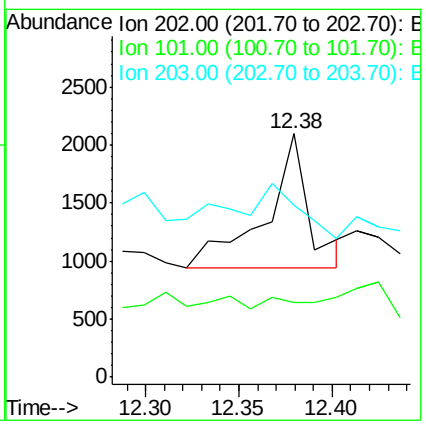


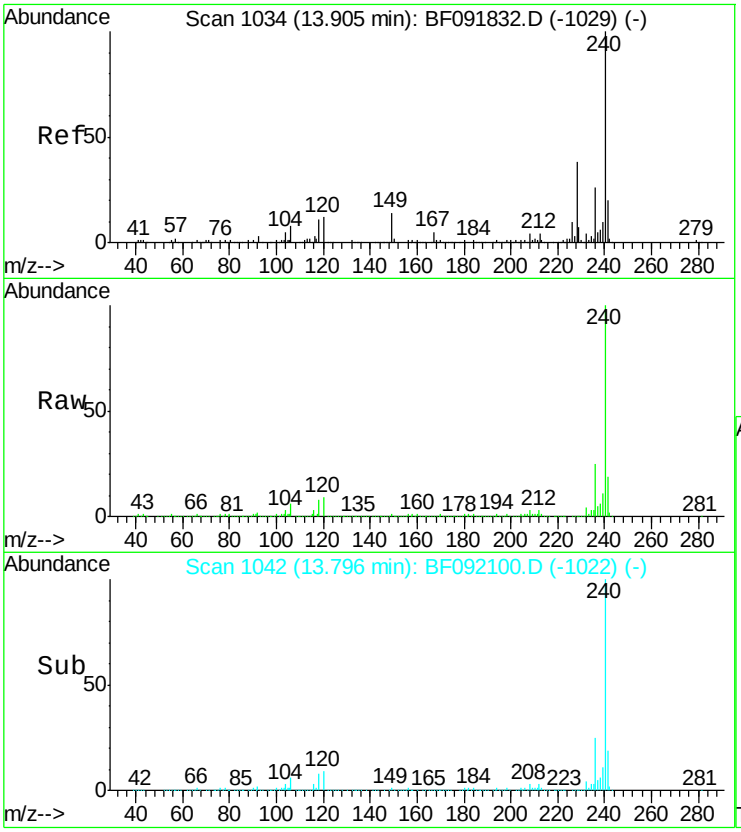


#74
Fluoranthene
Concen: Below Cal
RT: 12.38 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion:202 Resp: 1860

Ion	Ratio	Lower	Upper
202	100		
101	30.4	0.0	34.6
203	70.6	0.0	38.7#



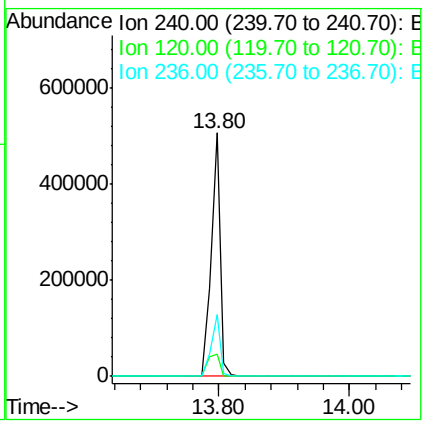


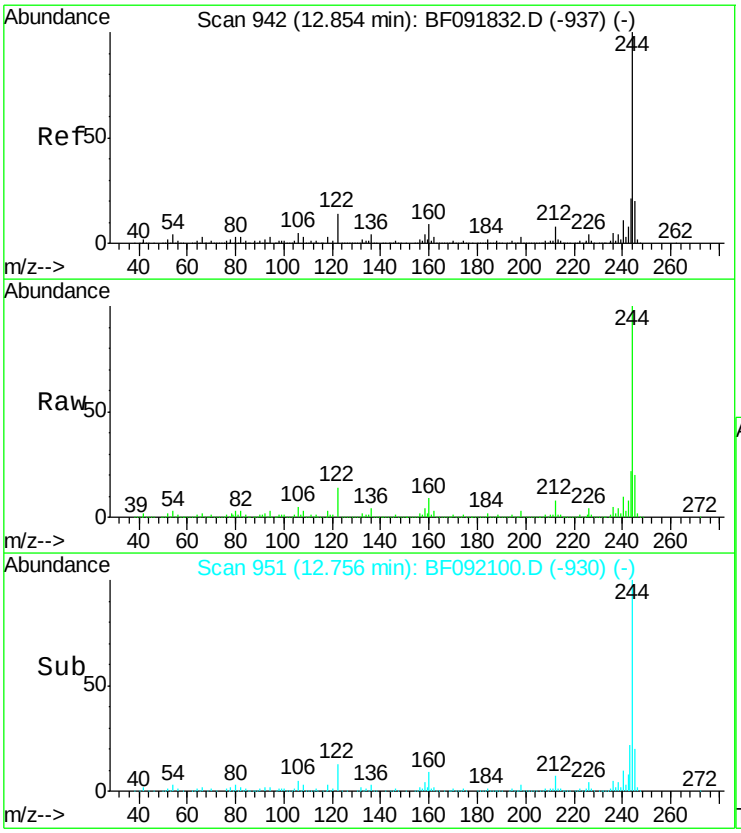
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:240 Resp: 502673

Ion	Ratio	Lower	Upper
240	100		
120	8.9	12.9	19.3#
236	25.4	20.9	31.3

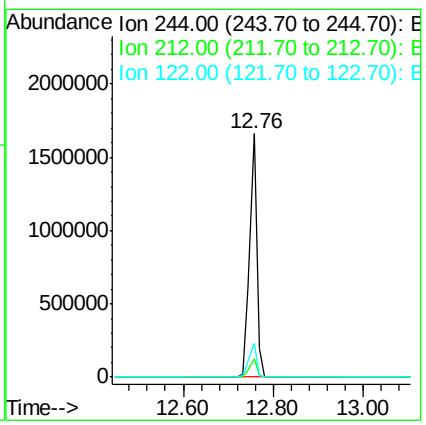


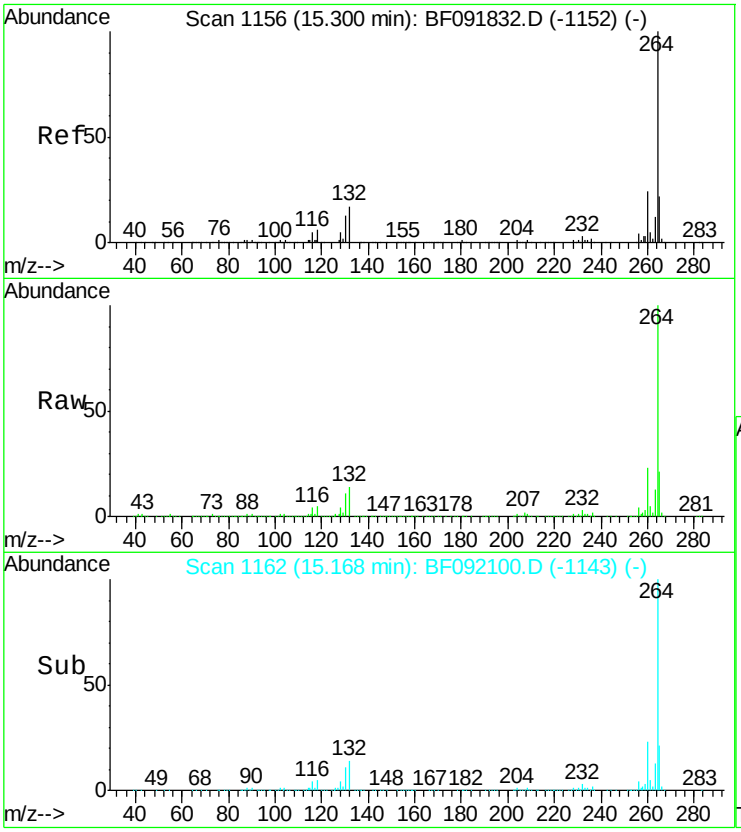


#78
Terphenyl-d14
Concen: 83.06 ng
RT: 12.76 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Tgt Ion:244 Resp: 1721468

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. -0.09 min
Lab File: BF092100.D
Acq: 5 Jan 2017 20:30

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:264 Resp: 394523

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.9	17.4	26.0